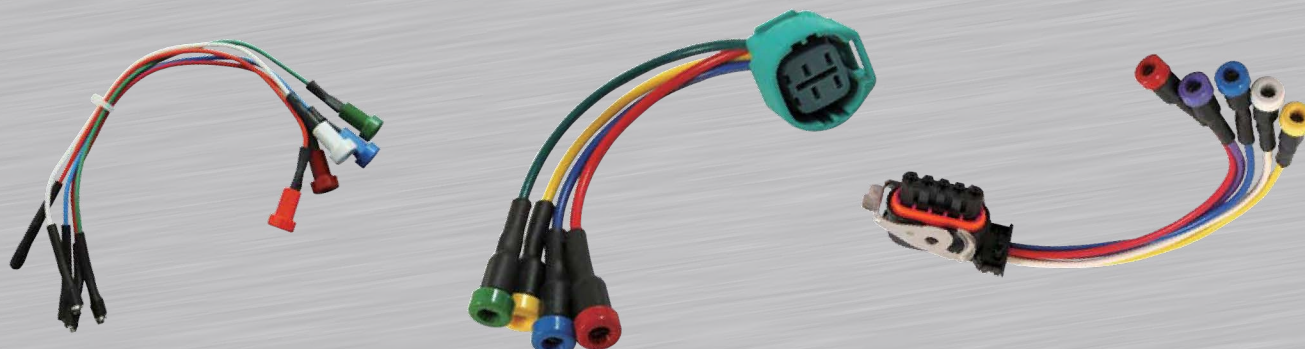
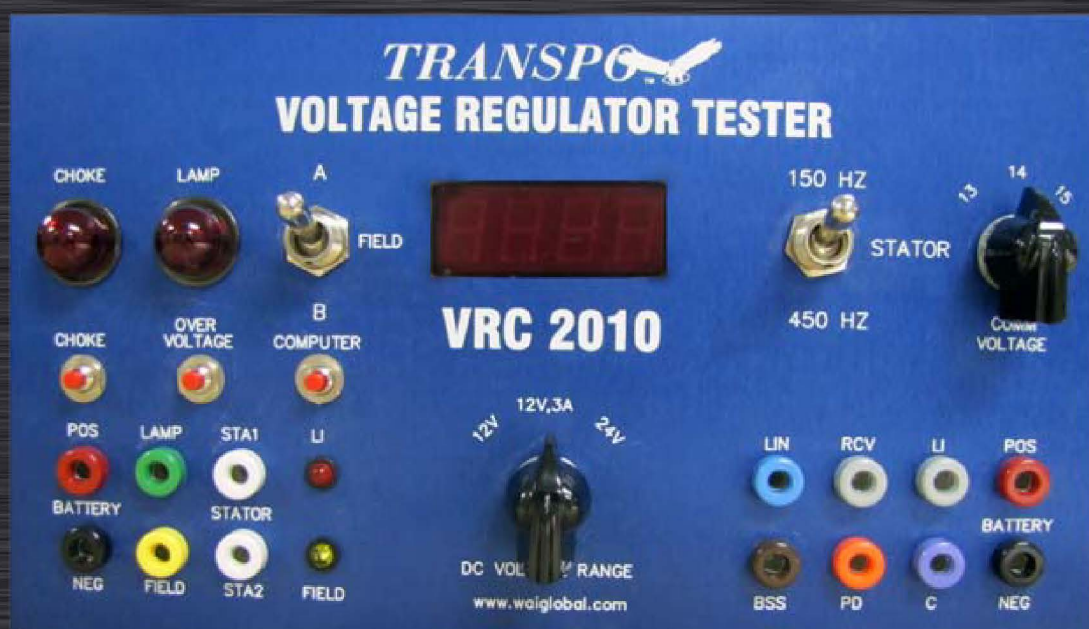


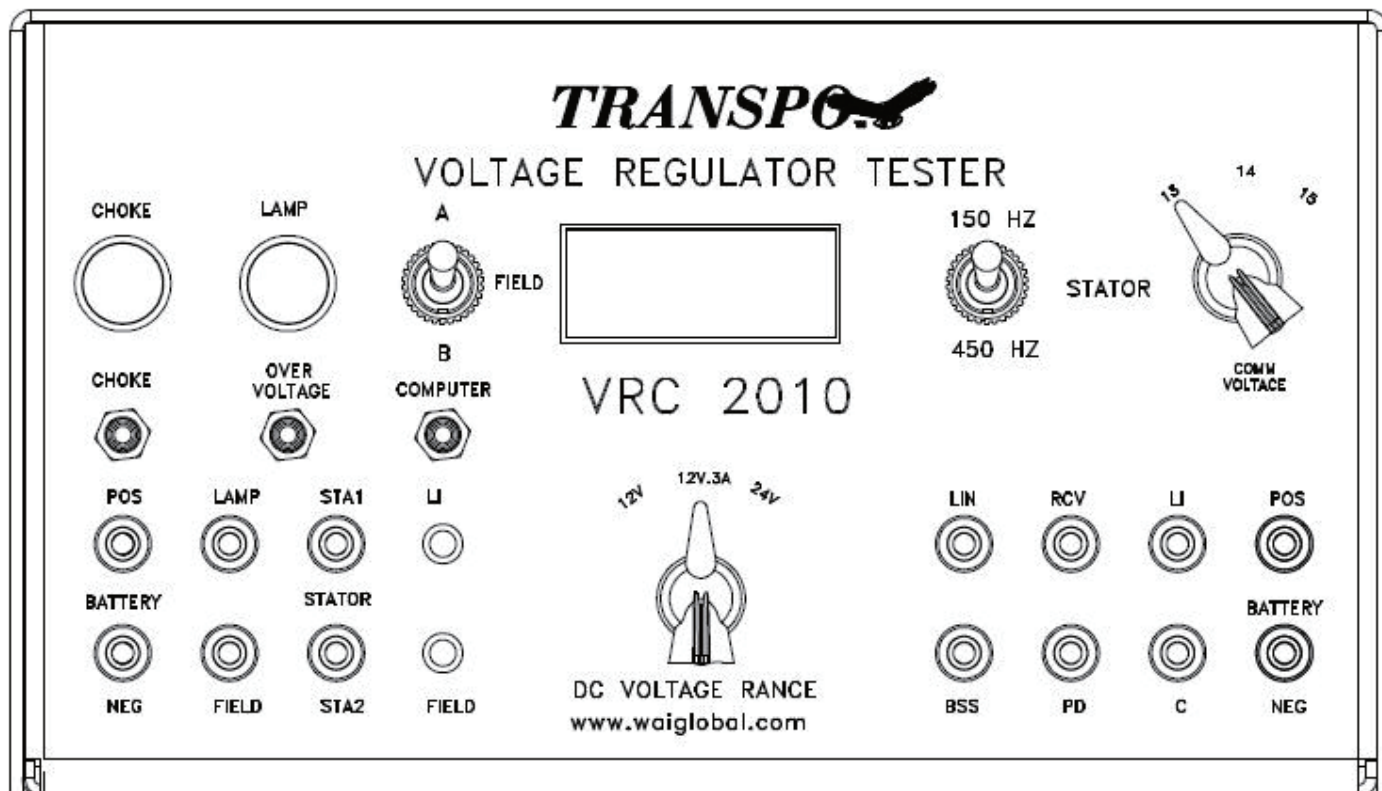
# TRANSPO<sup>®</sup>

2021

## VRC2010

### Tester Manual

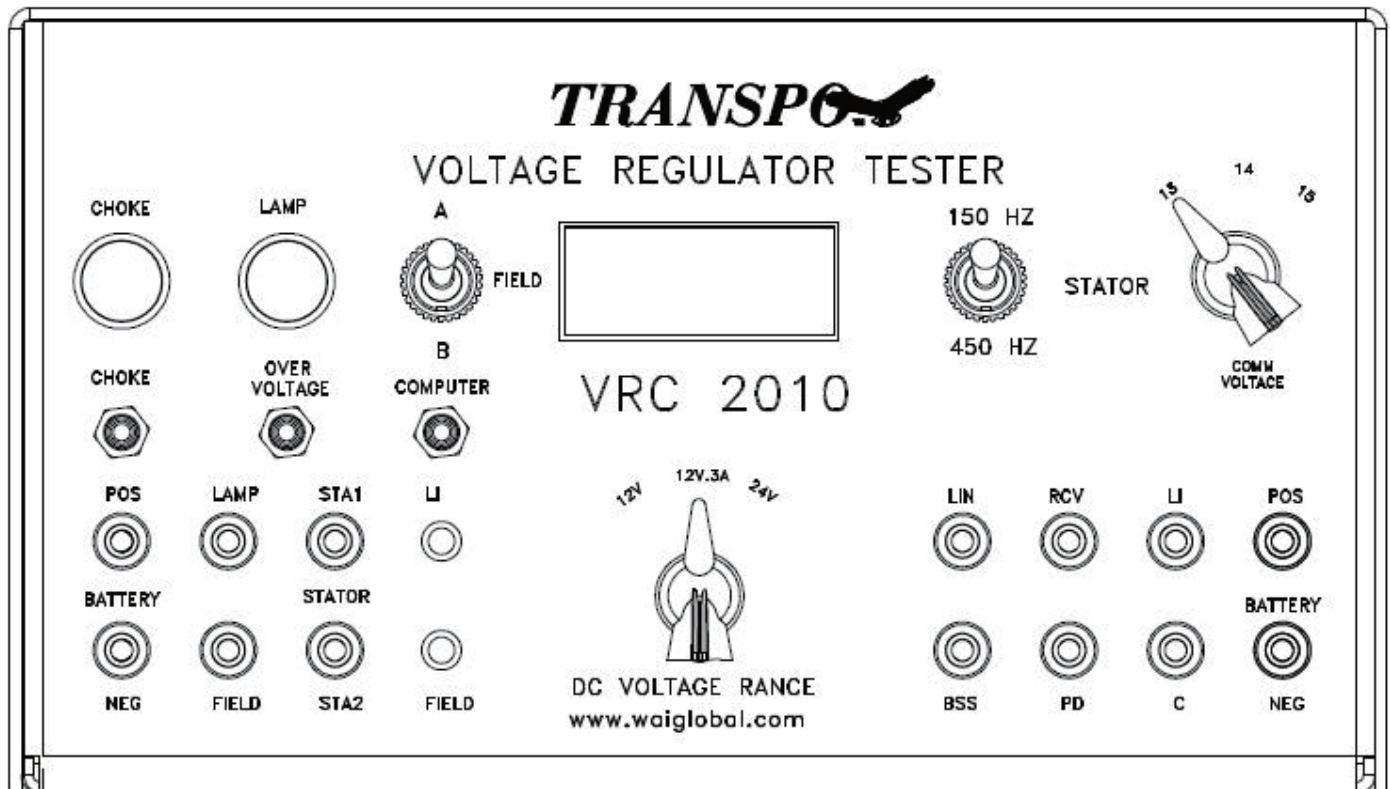




## VRC2010 Features

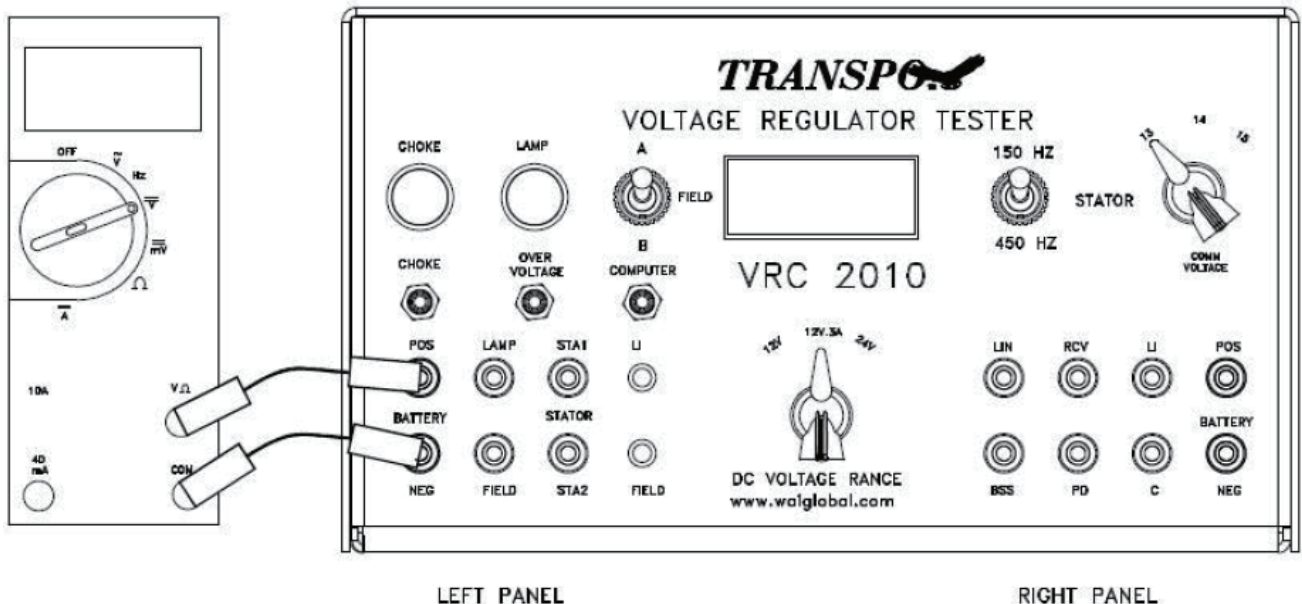
- Test A and B Circuit, 12 and 24 Volt Alternator Regulators
- Test Field Circuit with 0.5A and 3.0A Loads @12Volt, 1A Loads @24Volt
- Warning Light Circuit to Simulate Vehicle Indicator Lamp for 12 and 24 Volt regulators
- Dual stator Output for Valeo type regulators and dual Frequency, replaces VRC101-34
- Push Button identify Active L-Terminal (Choke Drive)
- Push Button identify Presence of Over-Voltage Function
- Push Button C (Computer) type regulators
- Built in VRC101-31 Functions; enables test of F601 type regulators at 13 Volts, 14 Volts and 15 Volts
- 5 Volt lamp (LI) for F601 type application and also for PCM type lamp circuits driven from 5 Volts
- Built in "PD" tester to replace VRC101-26
- Lead Set and Test Manual Provided
- Universal power supply 47 – 63 Hz, 100 – 240 VAC and 3 amp fuse included





## VRC2010 Panel Description

- Choke Light: also called relay drive. Connects to negative inside, used to test active lamp driver connections on 12 and 24 Volt regulators.
- Lamp: connected to Battery Positive inside tester, used to test lamp driver circuit for 12 and 24 Volt regulators. Green color.
- Field Switch: to put tester in mode to test “A” type (low side drive) and “B” type (high side drive) regulators. Yellow color.
- Stator: Switch enables setting frequency of stator from either 150Hz or 450Hz. White color.
- Comm. Voltage Switch: for Bss, LIN and RCV type regulators you can adjust the setpoint voltage to 13, 14 or 15 Volts.
- Choke Button: Push this button engages the Choke lamp circuit to test relay driver regulators.
- Overvoltage Button: push this button and the tester goes into an overvoltage condition and you can test if regulator has OV lamp feature.
- Computer Button: push this button and the “C” connection is grounded, typically in this condition a “C” type regulator setpoint voltage drops to about 12.8 Volts.
- DC Voltage Range Switch: This switch has three settings to control the tester. The 12V setting puts a low current 0.5 A load to the voltage regulator so you can check its setpoint voltage. The 12V, 3A setting puts a three amp load onto the voltage regulator for test. The 24V setting puts a 1 A load on the regulator and sets for testing 24 Volts regulators.



## ● Left Panel Input connections

- Battery Pos: Connects to the battery connection of the regulator, also used to connect to the Sense, IGN or Trio of the regulator. Also called B+, Positive, battery, power, Vcc. Connect DMM V+ for measuring voltage. Red color.
- Battery Neg: Connects to the ground of the system, also called Negative, B-, GND, and Ground. Connect DMM V- or COM for measuring voltage. Black color.
- STA1: Stator drive circuit also called phase. Provides either 150 or 450 HZ. White color.
- STA2: Same signal as STA1 except 180 degrees out of phase. Used for testing dual stator regulators. White color.

## ● Right Panel Input connections

- LIN: Output connection to drive LIN based regulators, for example IB6056. Blue color.
- BSS: Output connection to drive BSS type regulators. Brown color.
- RCV: Output connection to drive Ford type Com regulators, for example F601HD. Gray color.
- LI: Load Indicator, this connects to the LI Led to verify the LI circuit of the regulator still works. The brightness of the LI LED should change if the COMM Voltage Knob changes position. Gray color.
- PD: The drive circuit to test PD type voltage regulators. Orange color.
- C: connection for the "C" terminal of the voltage regulators. Common in many Import regulators. Purple color.
- Battery Pos: Connects to the battery connection of the regulator when using the right panel input connections. Red color.
- Battery Neg: Connects to the ground of the system when using the right panel input connections. Black color.



## OPERATING INSTRUCTIONS FOR VRC2010

Set the field current switch to 0.5A for checking or setting the regulation voltage. Set the field current switch to 3A for burn-in.

Set the "FIELD" switch to "A" or "B" according to the tester information given on the tester instructions.

"A" Circuit - The "A" circuit regulator design has one alternator field lead connected to battery (or trio) and the other end of the field is controlled or switched to ground by the regulator.

"B" Circuit - The "B" circuit regulator design has one alternator field lead connected to ground and the other field is controlled or switched to the battery (or trio) by the regulator.

Select the "Voltage Range" (12v, 12V, 3A or 24V) for the regulator being tested and turn the power switch to the "ON" position.

If the short circuit light comes on, quickly turn the tester "OFF". The short circuit light indicates that battery positive is being shorted to battery negative should the tester fail due to overload, check the fuse. The Transpo VRC2010 is not to be used to check D.C. generator regulators. The tester is designed to be used to test alternator regulators only.

### TEST RESULTS "GOOD REGULATOR"

The regulator is operating correctly if the field light blinks and the digital meter displays approximately the set point voltage given on the appropriate tester instructions. Sometimes it may be necessary to adjust the voltage setting on those regulators that are adjustable. See the tester instructions for the regulator being tested.

### TEST RESULTS "BAD REGULATOR"

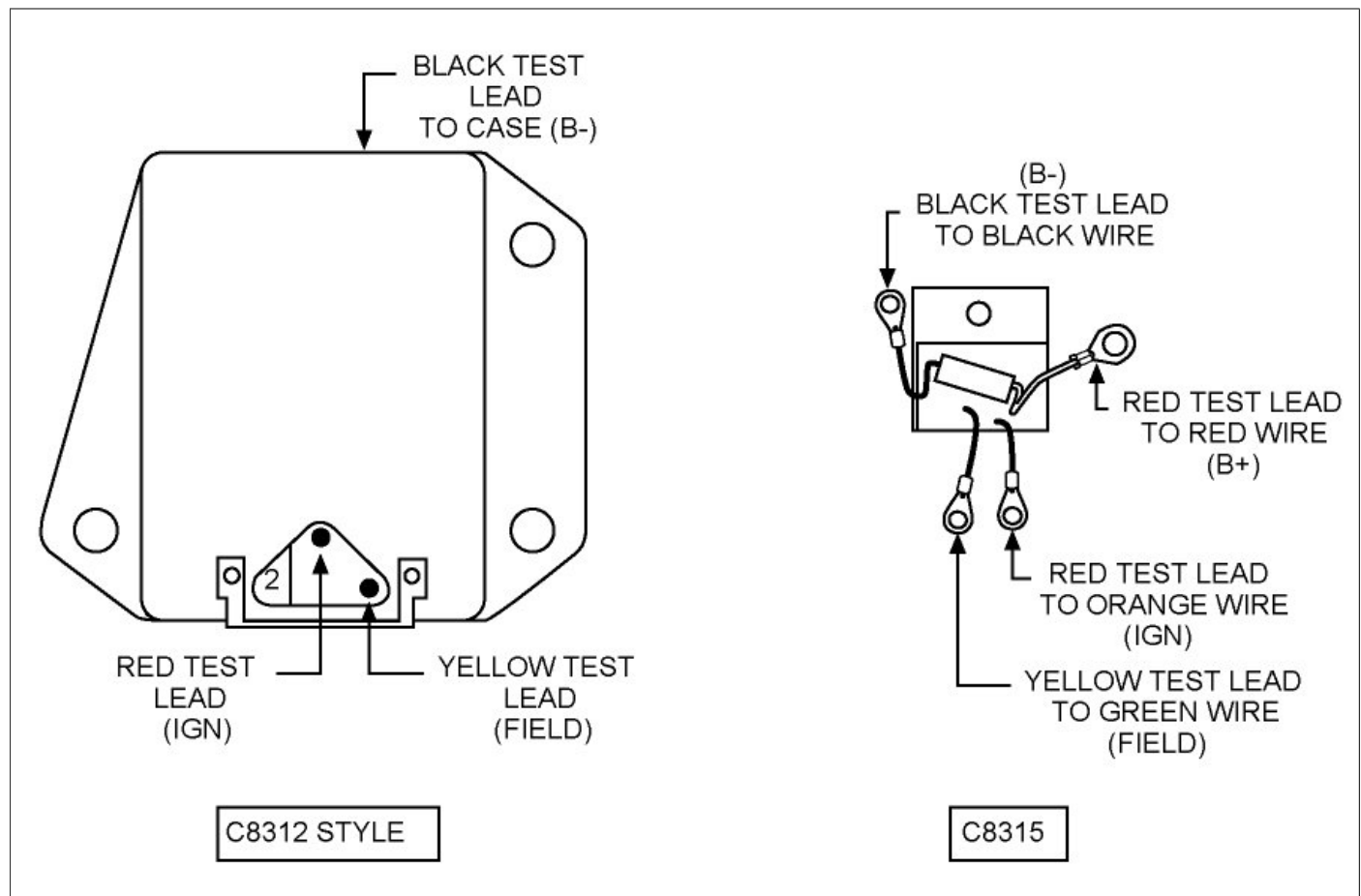
Full Field - The digital meter will indicate over 16.5V for a 12V regulator and over 29.5V for a 24V regulator. The field light will not blink but will remain "ON". A regulator with this type of defect will not be able to control the output voltage of the alternator.

# TRANSPON TESTER INSTRUCTIONS

for CHRYSLER type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
C8312	A	12	14.3				
C8313	A	12	14.2				
C8315	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
N/A



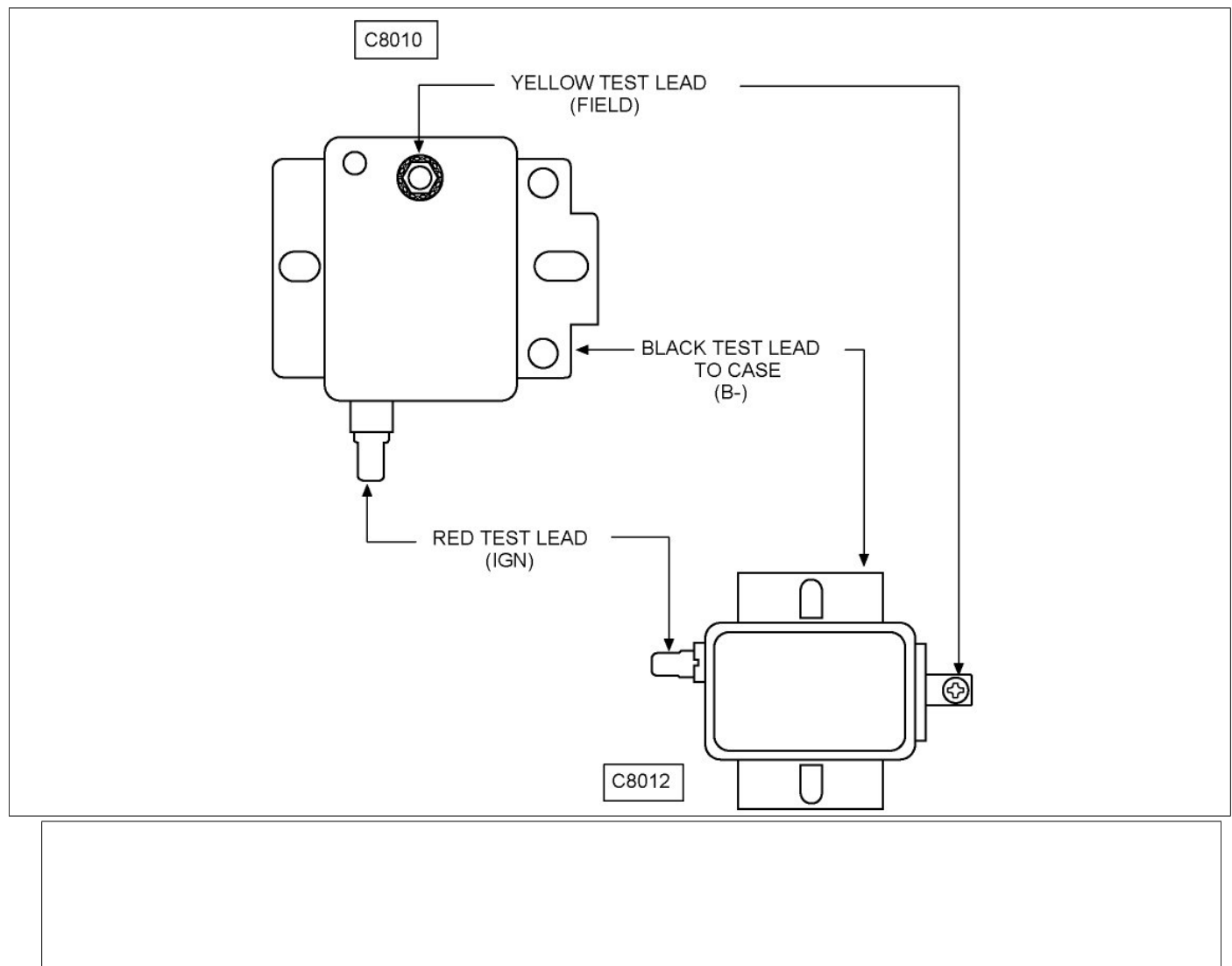


# TRANSCO TESTER INSTRUCTIONS

for CHRYSLER type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
C8010	B	12	14.3				
C8012	B	12	14.0				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
N/A

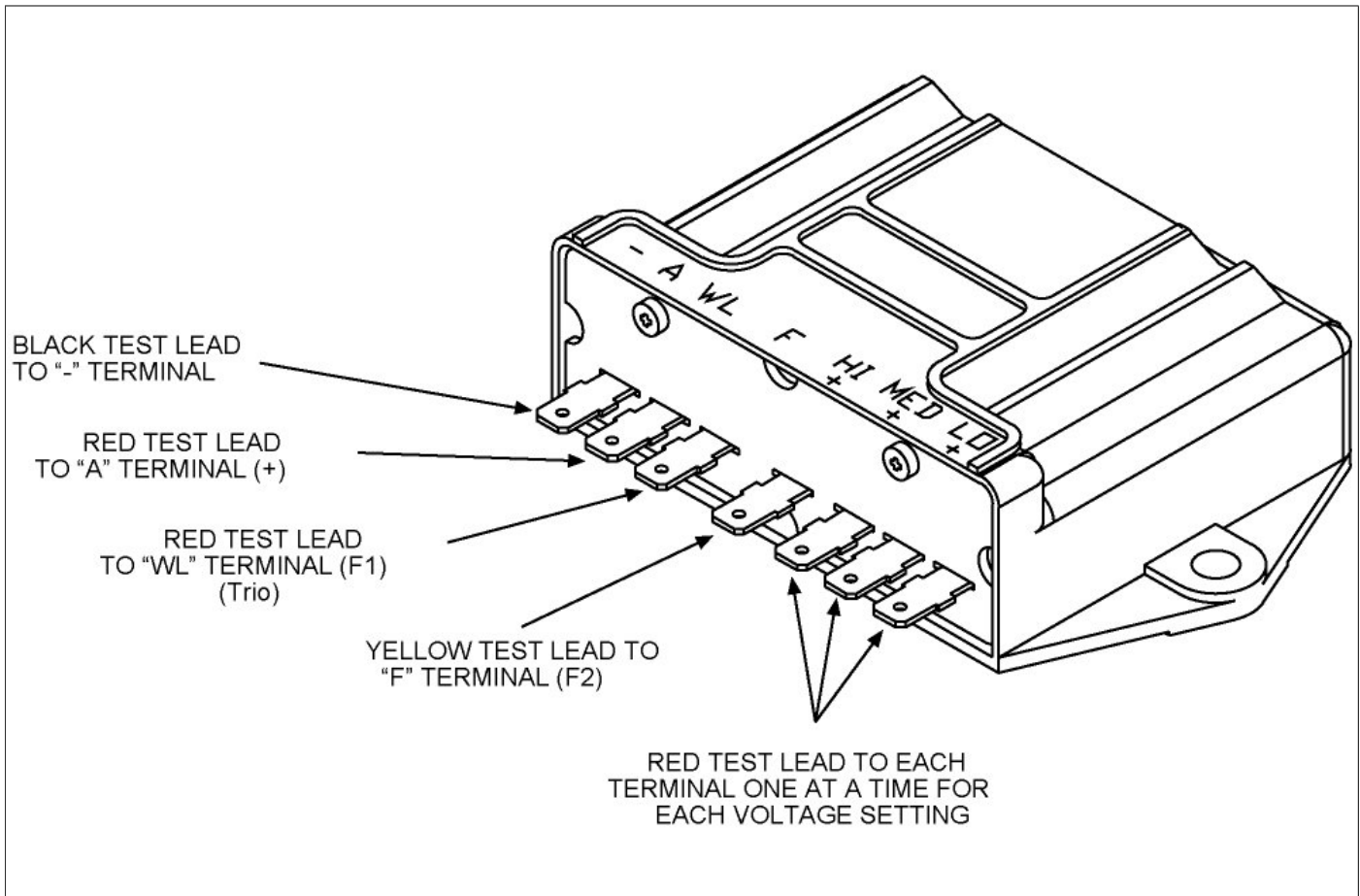


# TRANSPO TESTER INSTRUCTIONS

for \_\_\_\_\_ C.A.V. \_\_\_\_\_ type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
CE520	A	24	HI 28.8				
CE520	A	24	MID 27.8				
CE520	A	24	LO 26.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



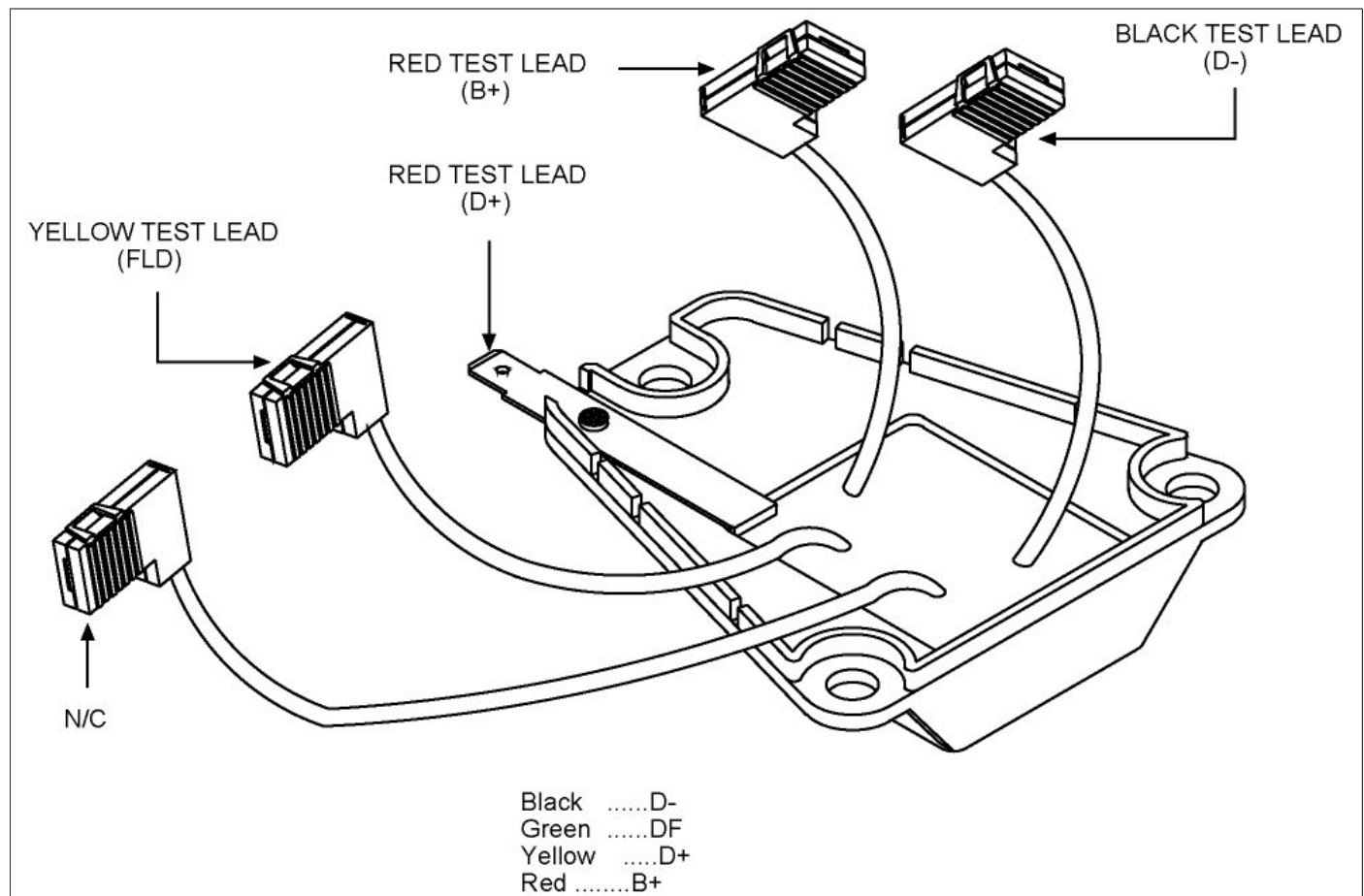


# TRANSPO TESTER INSTRUCTIONS

for           C.A.V.           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
CE301	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for DAEWOO type regulators

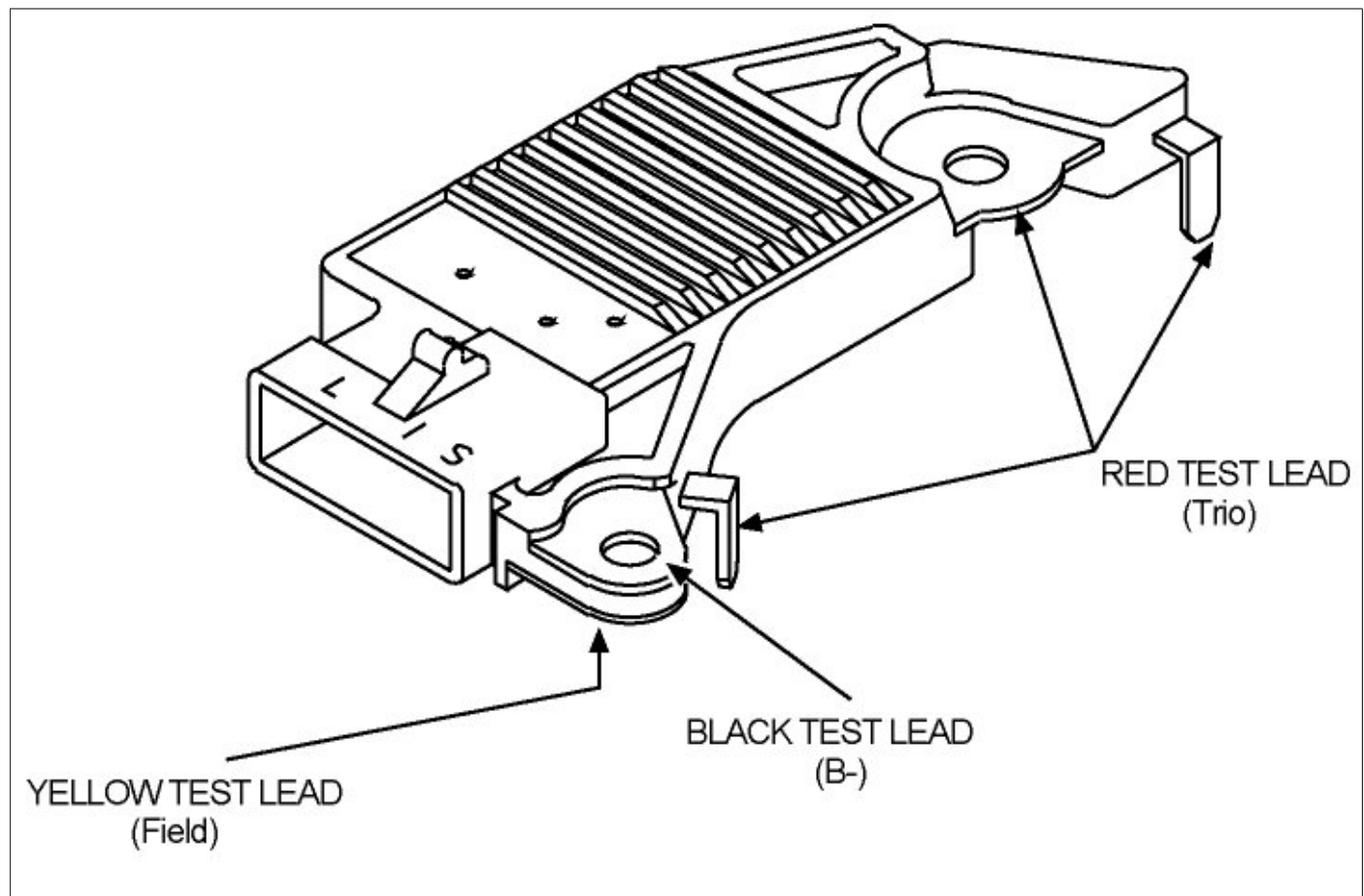
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D403	A	12	14.7				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

D403 Special Note: POWER ON field lamp may blink or illuminate steady-on to indicate a functional circuit.



D403 Special Note: POWER ON field lamp may blink or illuminate steady-on to indicate a functional circuit.

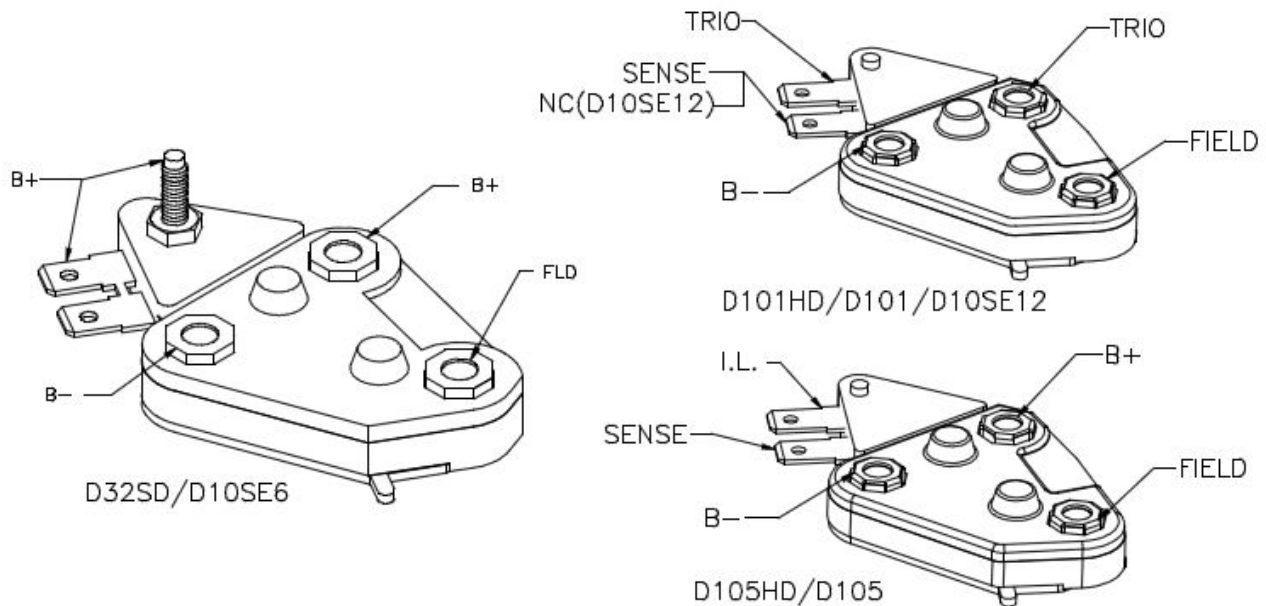


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D32S	A	32	37.5	D10SE12	A	12	14.8
D10SE6	A	6	7.7	D101	A	12	14.8
D105	A	12	14.8	D101HD	A	12	14.8
D105HD	A	12	14.8				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

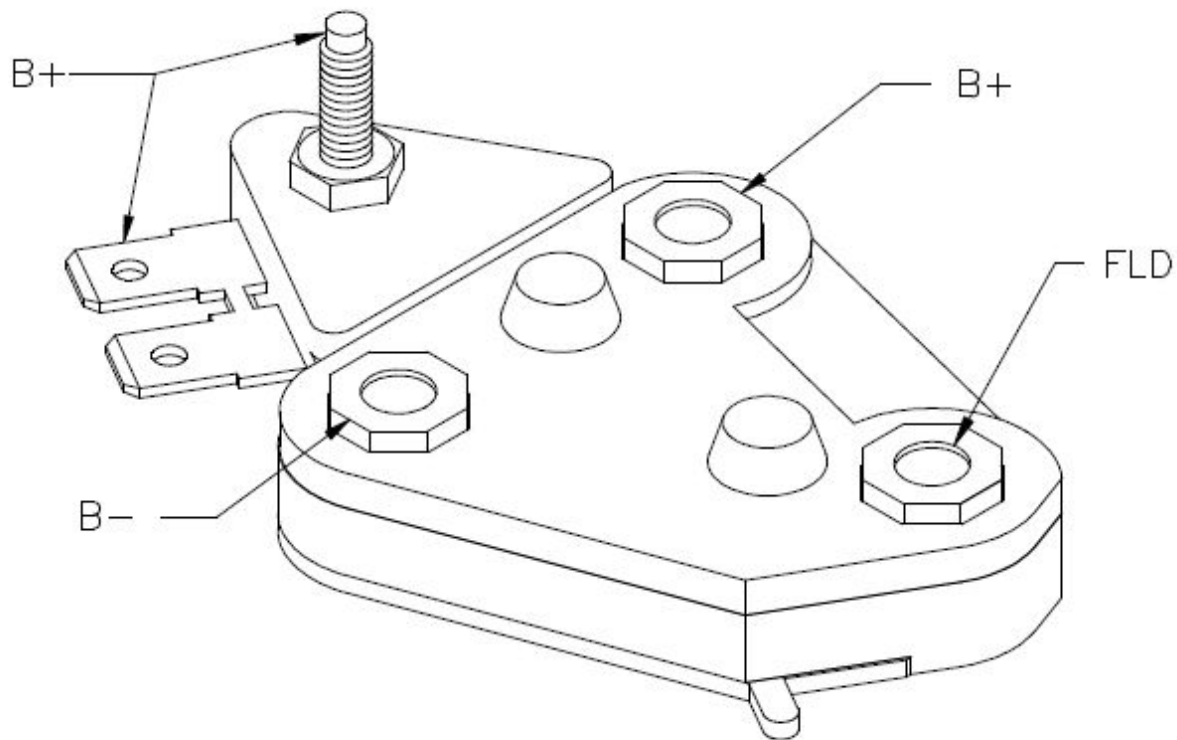


## TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D17SE	A	12	14.2	D27S	A	12	14.0
D102HD	A	12	13.7				
D30S	A	24	27.5				
D27	A	12	13.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

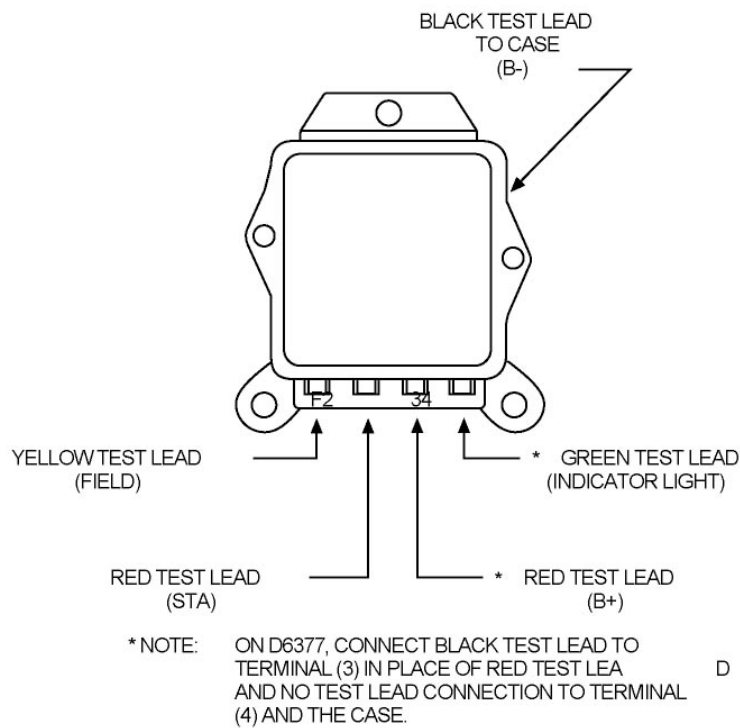
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D9212	B	12	14.2	D6378	B	12	14.6
D9212S	B	12	14.2	D6377	B	12	14.6
D9212C	B	12	14.2	D518	B	24	27.5
D6374	B	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

On all above parts numbers except D6377, disconnect red test lead from the terminal marked with "S" Indicator light should turn on and the meter will indicate set point voltage.

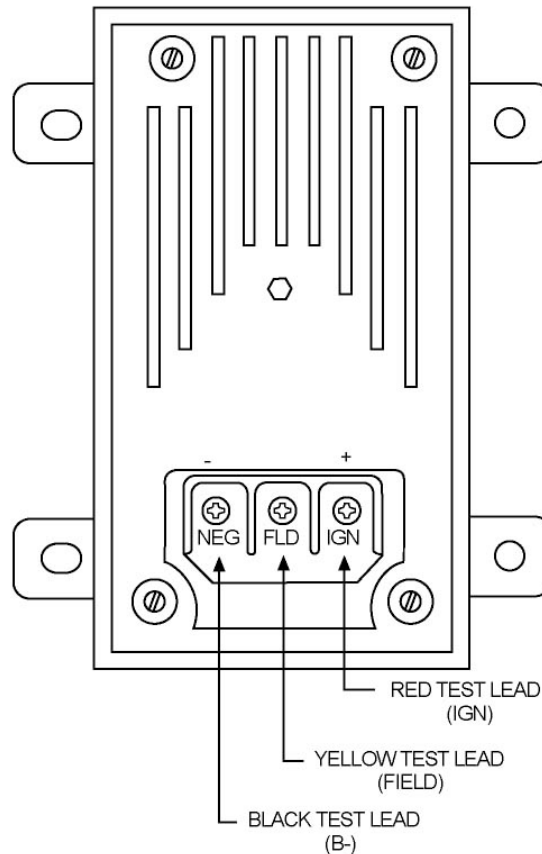


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D443	B	12	14.2	D597HD	B	24	27.5
D447	B	24	27.5				
D551	B	12	14.2				
D597	B	24	27.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



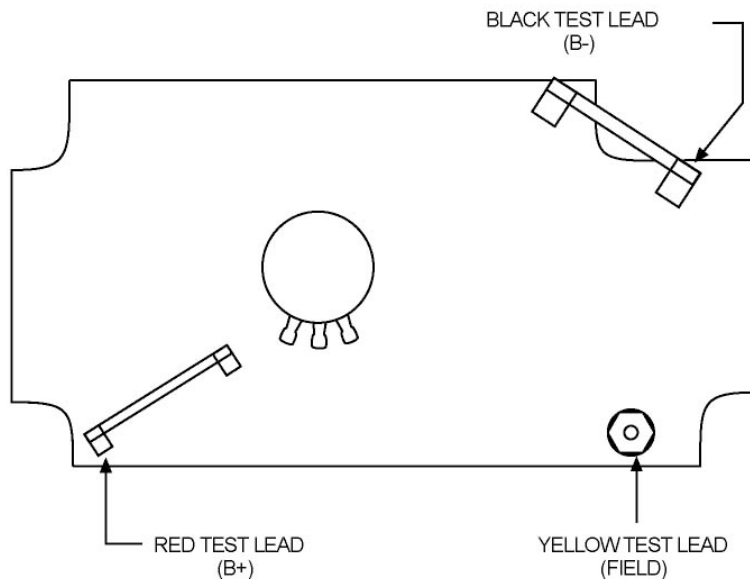


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D551P	B	12	14.2				
D597P	B	24	27.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



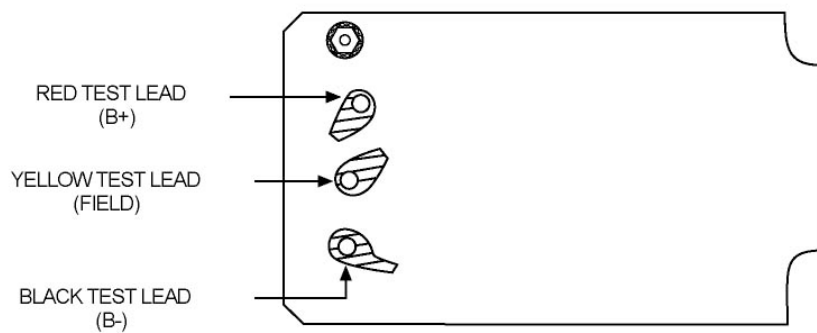
BACK VIEW

## TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D443P	B	12	14.2				
D447P	B	24	27.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



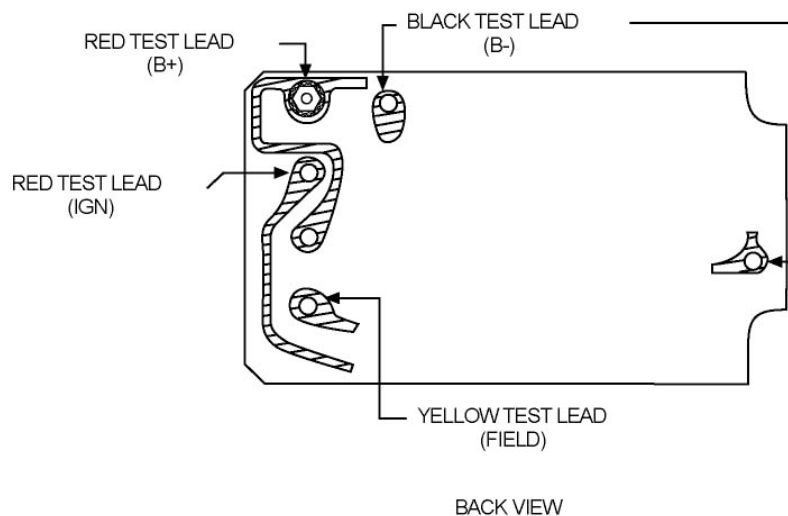
BACK VIEW

# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D437P	A	24	27.5				
D559P	A	12	12.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

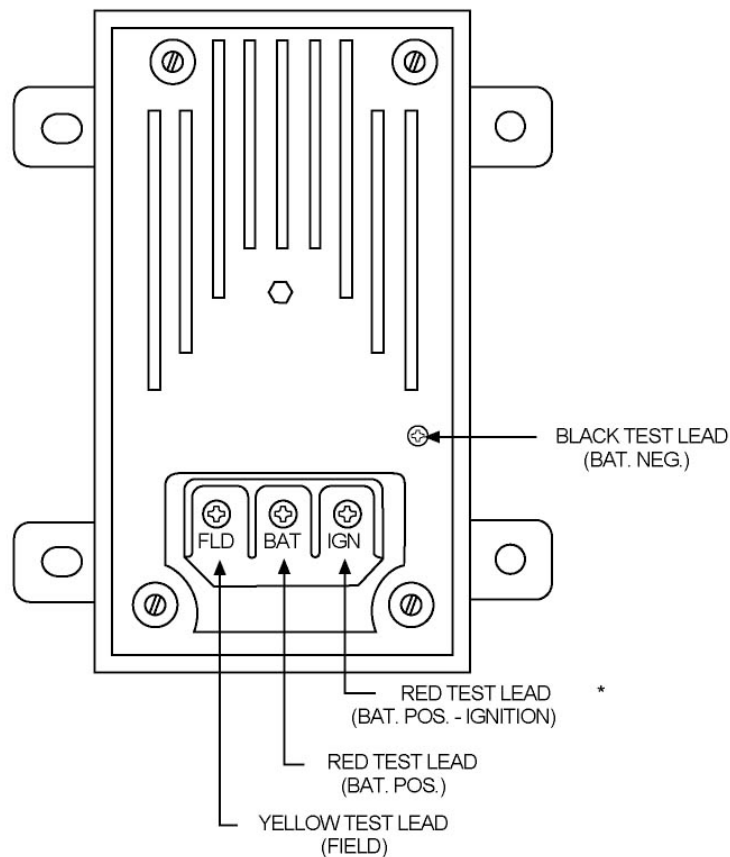
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D437	A	24	27.5				
D559	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked with (\*) . Field lamp should turn off and the meter will indicate low voltage.



# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

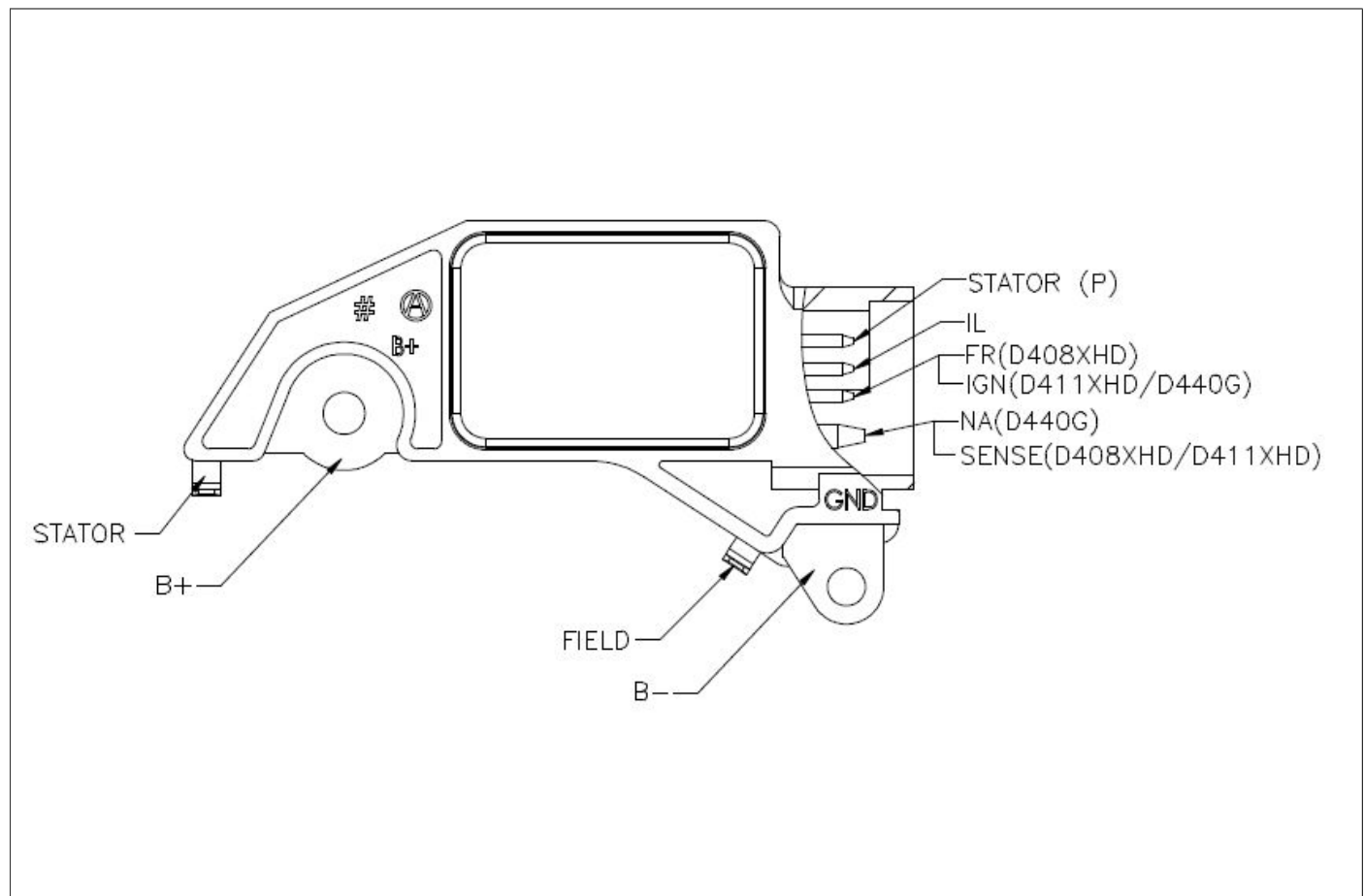
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D408XHD	B	12	14.8				
D411XHD	B	12	14.8				
*D440G	B	12	14.7				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "STATOR". The indicator light will turn on, field lamp will stay on and meter will indicate approximately 12V. Disconnect the test lead from "L" terminal. Regulator will turn off and the meter will indicate 12V. To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.



NOTE: On **D440** regulator, both of the "L" and "I" terminals must be connected in order to conduct the test.



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

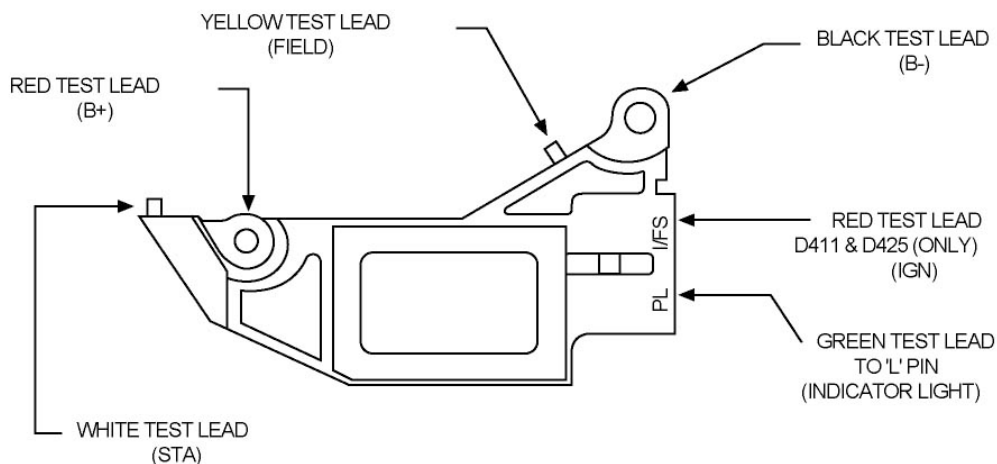
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D412 *	B	12	14.2	D446	B	12	14.6
D413	B	12	14.7	D411SE	B	12	14.7
D440 **	B	12	14.7				
D425	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "STATOR". The indicator light will turn on, field lamp will stay on and meter will indicate approximately 12V. Disconnect the test lead from "L" terminal. Regulator will turn off and the meter will indicate 12V. On "I" type voltage regulators, connect the regulators as per diagram below except do not connect the indicator light to the "L" terminal. Connect red test lead to the terminal marked "I/F" and same results as step number 2 should be noticed.



\*NOTE: On D412 regulator , an 1800 OHM pull-up resistor is required between "S" terminal of regulator and the testers battery POS.

\*\*NOTE: On D440 regulator, both of the "L" and "I" terminals must be connected in order to conduct the test.

# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

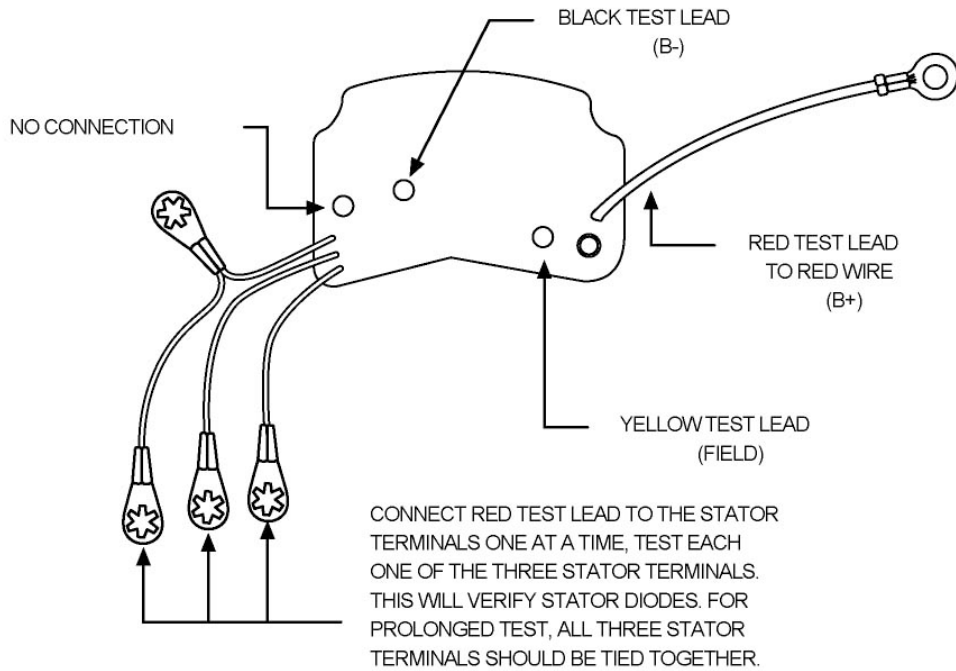
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D812	A	12	14.2				
D817	A	12	14.2				
D824	A	24	27.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from the regulator's yellow wire. Field lamp should turn off and the meter will indicate low voltage. Also, connection the red test lead to "NO CONNECTION" terminal instead of regulator's red wire will result in the same test data.



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

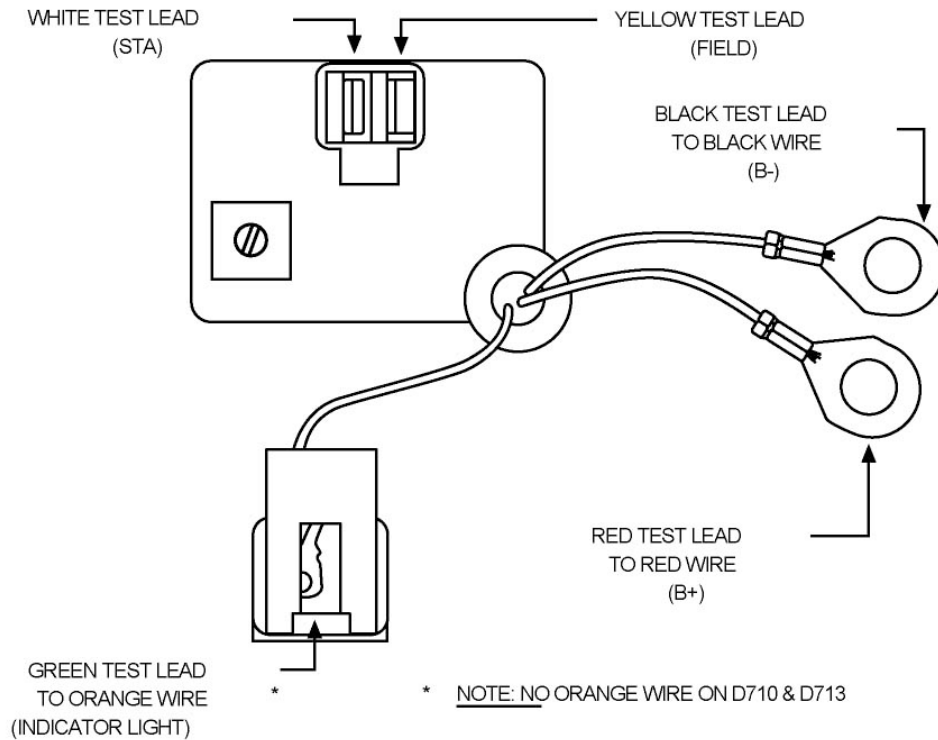
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D710	B	6	7.8				
D713	B	12	14.2				
D173L	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from terminal marked "stator". Field lamp should turn off and the meter will indicate low voltage. On D713L regulator, removal of white test leads will also cause indicator light to turn on.



## TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D590S	B	12	14.2				
D591S	B	24	27.5				
D593S	B	32	37.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

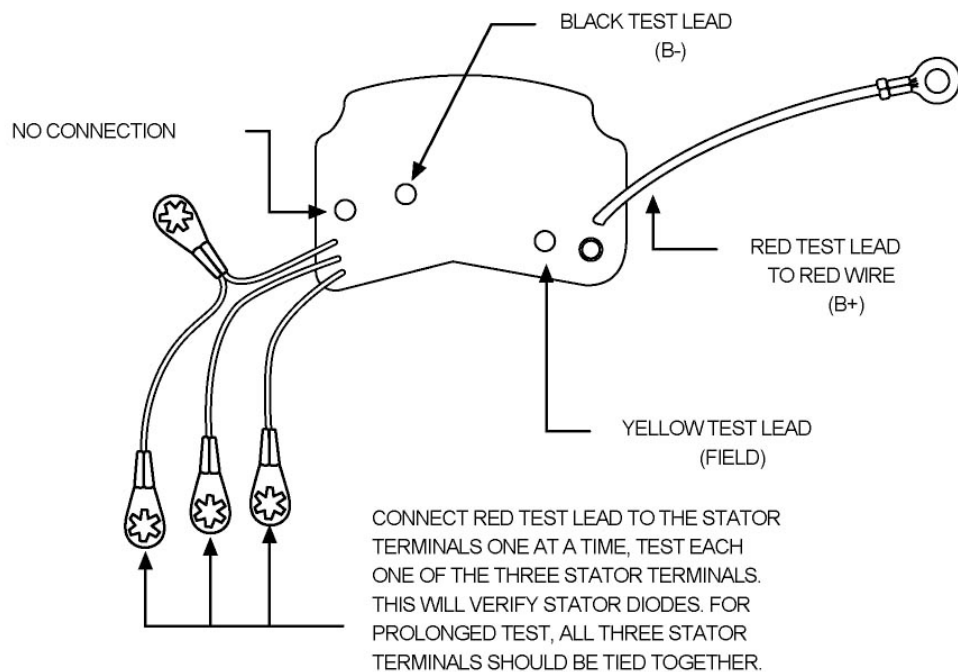


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D812	A	12	14.2	D824	A	24	27.5
D812HD	A	12	14.2	D824HD	A	24	27.5
D813	A	12	14.2	D832	A	32	37.5
D813HD	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

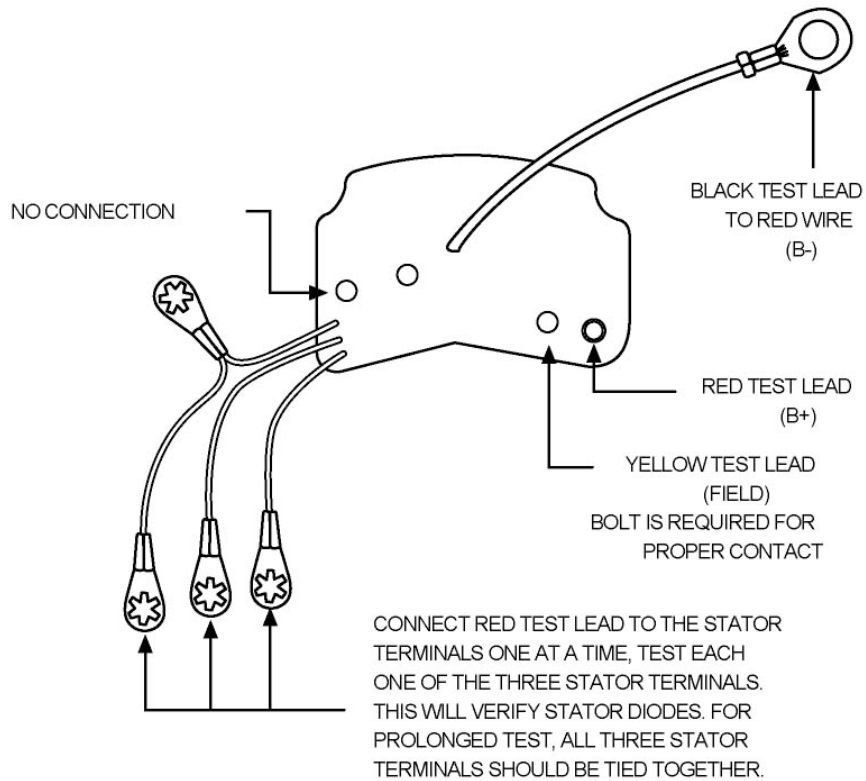


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D817	A	12	14.2				
D817HD	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

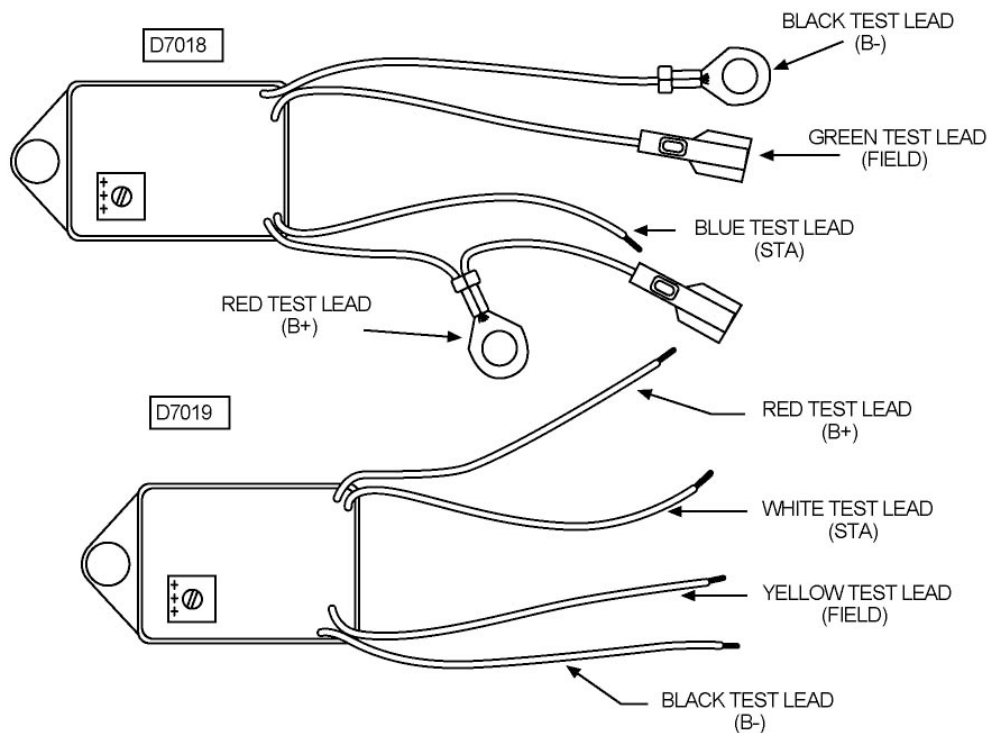
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D7018	A	12	14.2				
D7019	A	24	27.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from regulator's wire marked "stator". Field lamp should turn off and the meter will indicate low voltage.

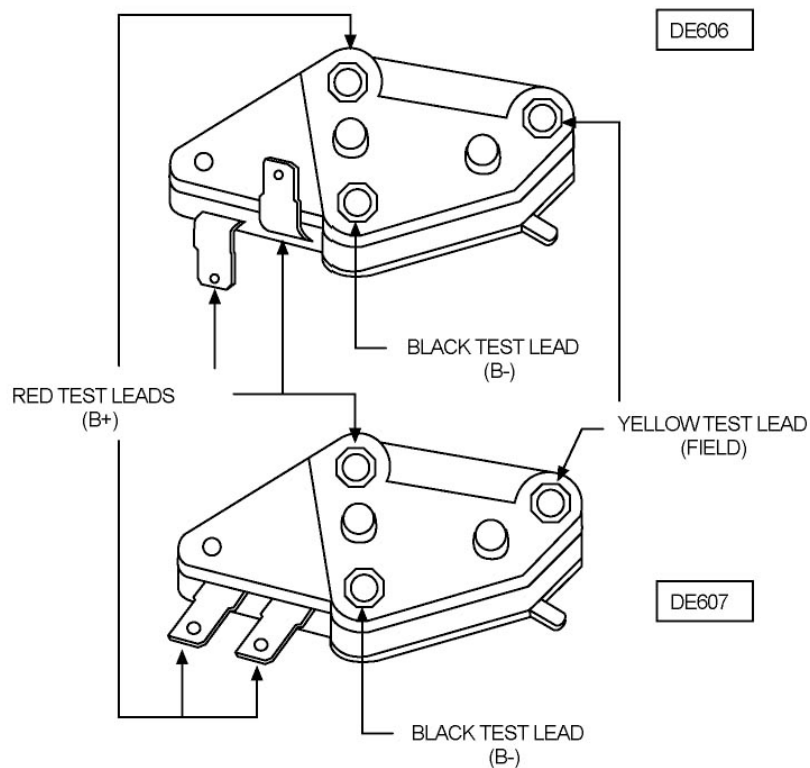


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
DE606	A	12	14.5				
DE607	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

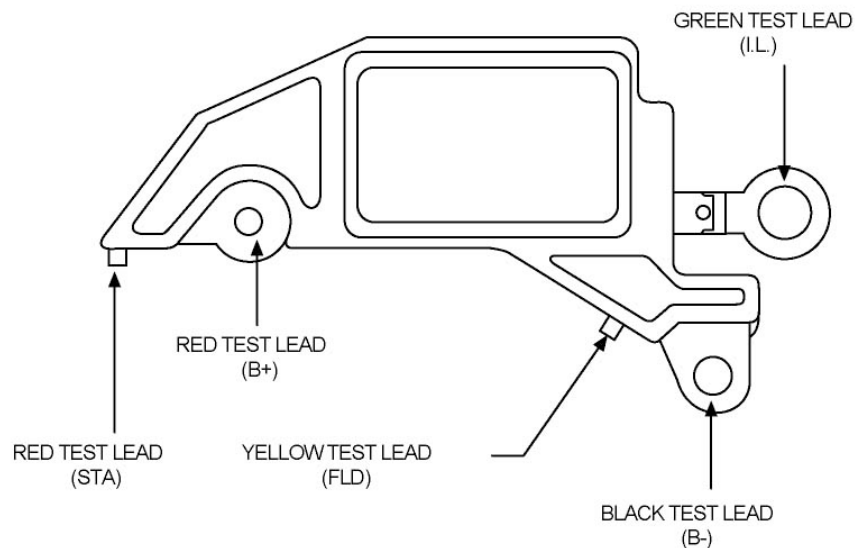
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D424	B	12	14.7				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "stator". The indicator light will turn on, field lamp will stay on and meter will indicate approximately 12V. Disconnect the test lead from "L" terminal . Regulator will turn off and the meter will indicate 12V.



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

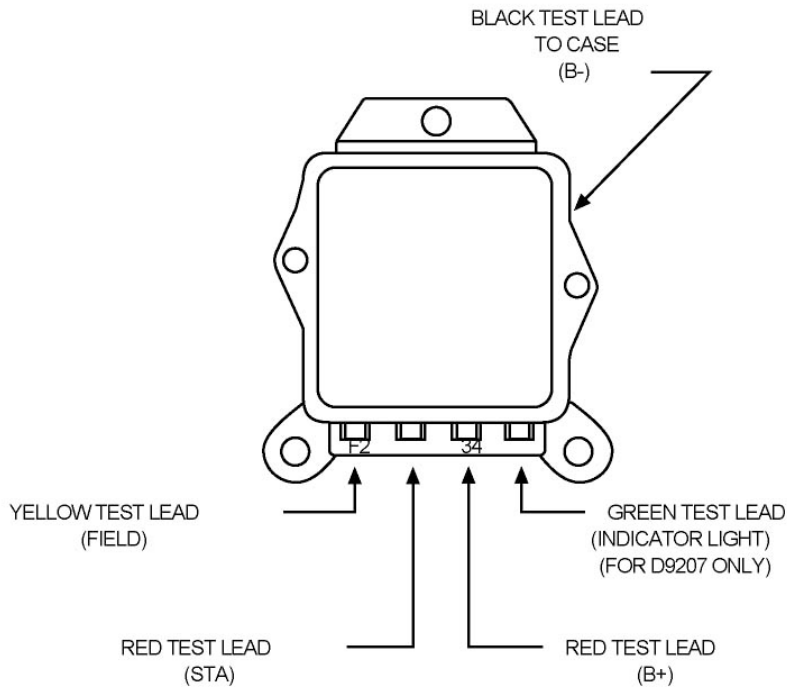
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D9206	B	6	7.8				
D9207	B	6	7.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

On D9207, remove test lead from the terminal marked "STA". Field lamp will turn off , indicator light will turn on, and the meter will indicate low voltage.

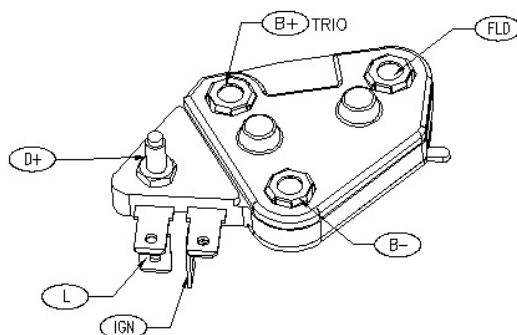


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
DE611	A	12	14.7				
DE615	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

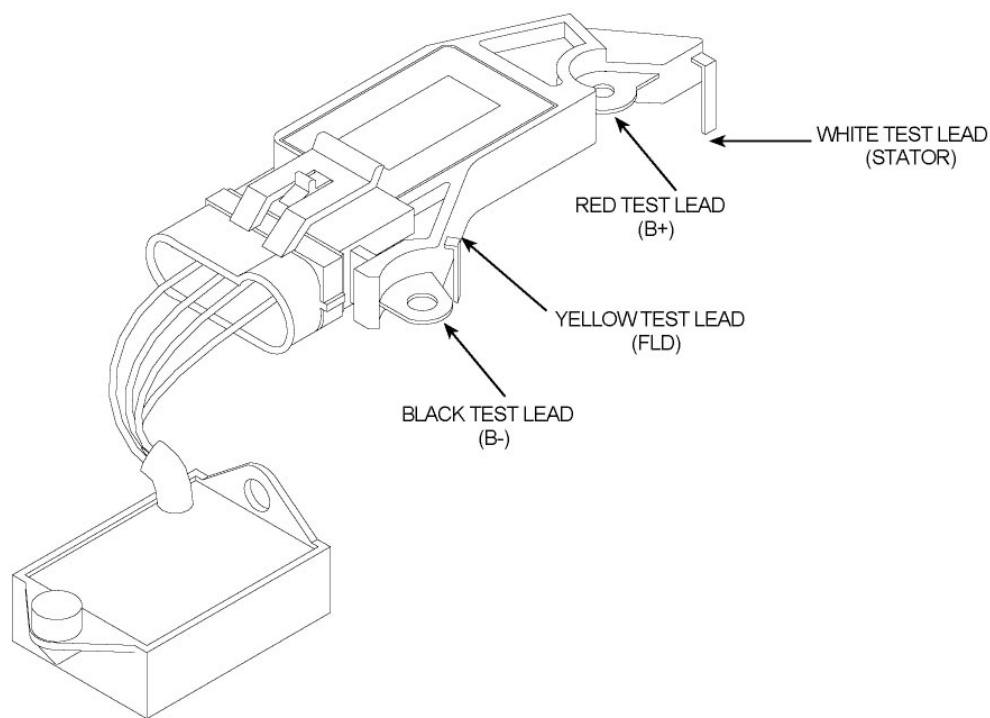
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D7050	B	12	14.7				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from terminal marked "stator". Regulator will turn off and the meter will indicate 12V.



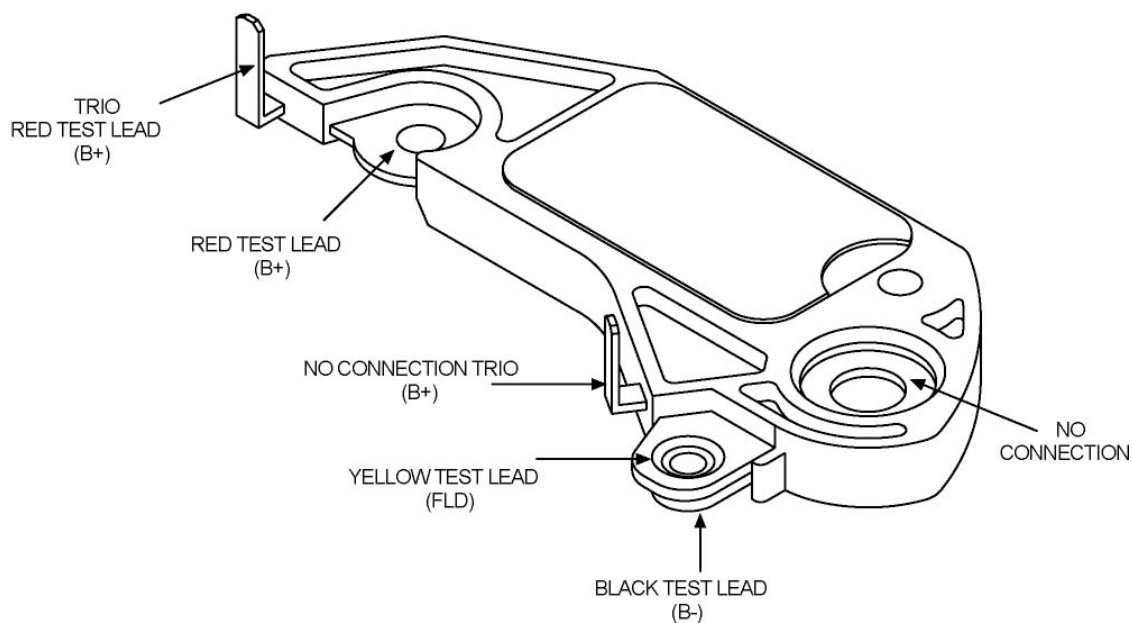


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
DE701	A	12	14.7				
DE701HD	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D702XHD	B	12	14.5				
D703XHD	B	12	14.5				
D705XHD	B	12	14.7				
D706XHD	B	12	14.1				

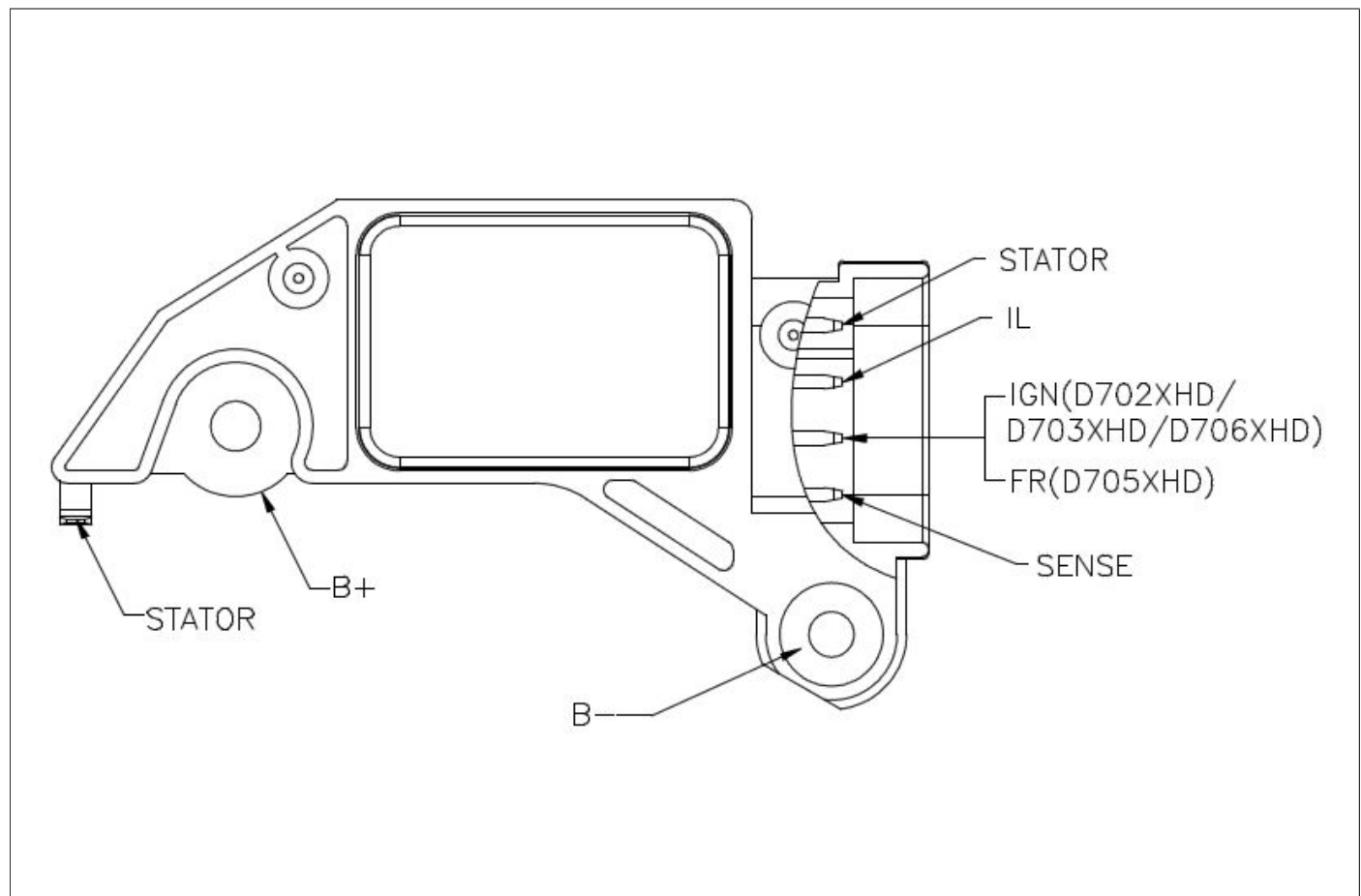
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "stator". The indicator light will turn on, field lamp will stay on and the meter will indicate approximately 12 volts.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

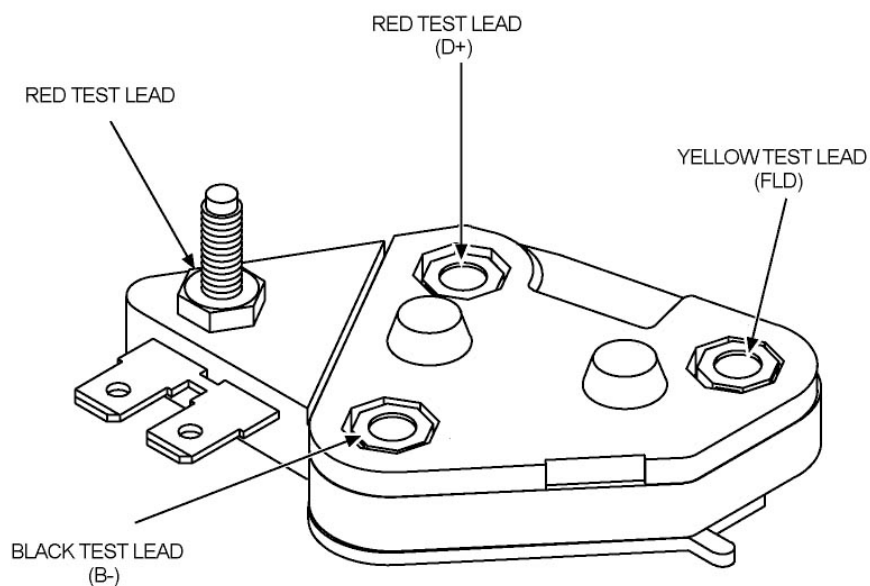


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D33	A	12	14.1				
D22	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

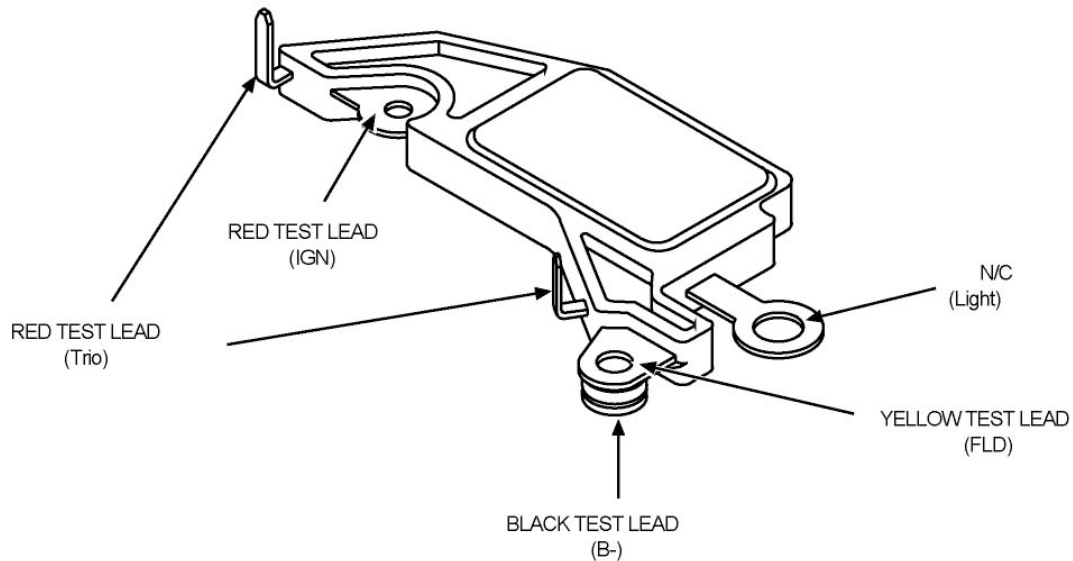


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D401	A	24	27.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

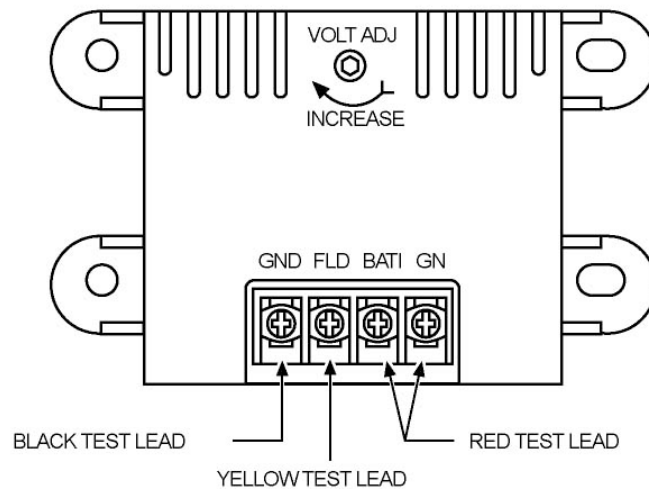


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D698	B	12	14.2				
D699	B	24	27.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D445	B	12	14.5				

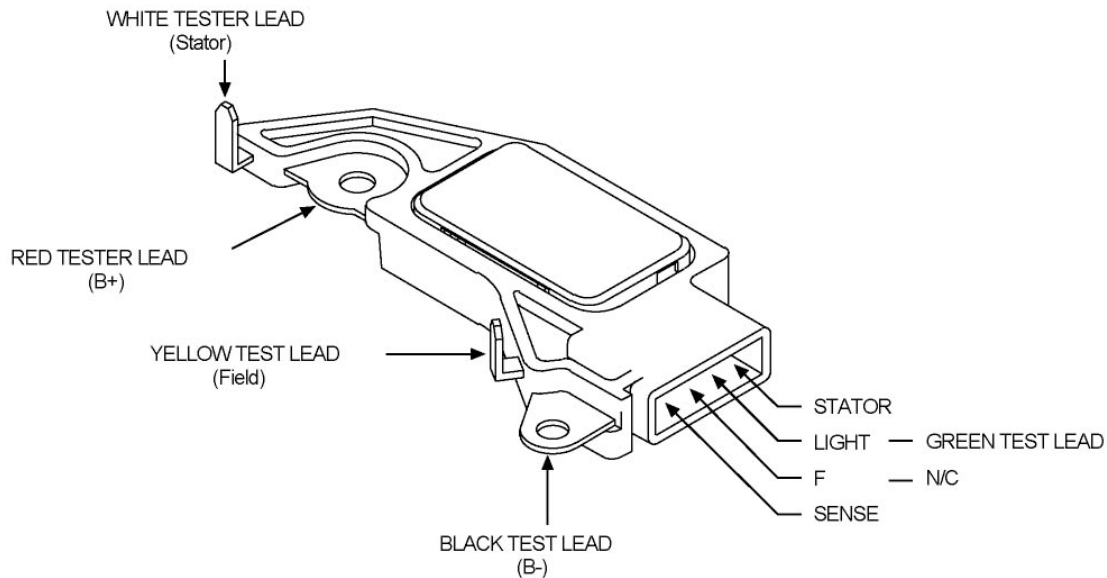
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "stator". The indicator light will turn on, field lamp will stay on and the meter will indicate approximately 12 volts.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

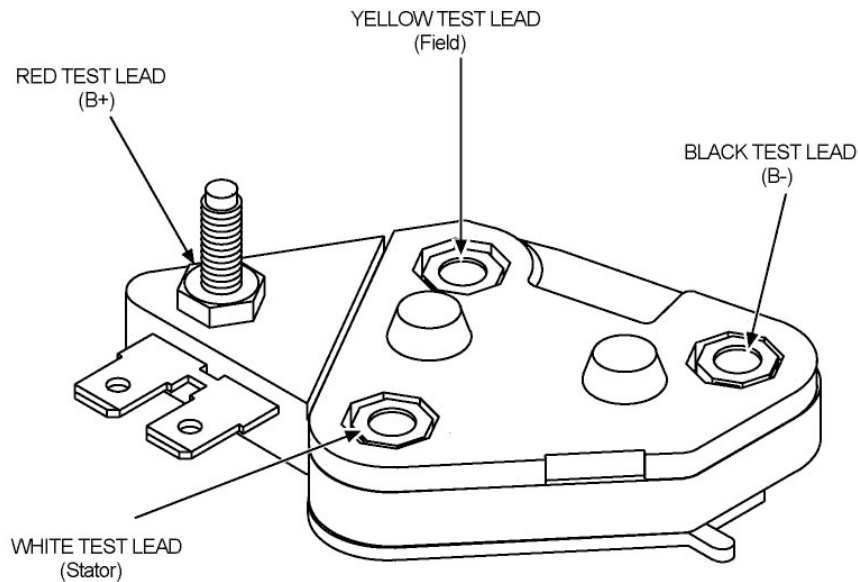


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D10AC	B	12	14.2				
D22AC	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

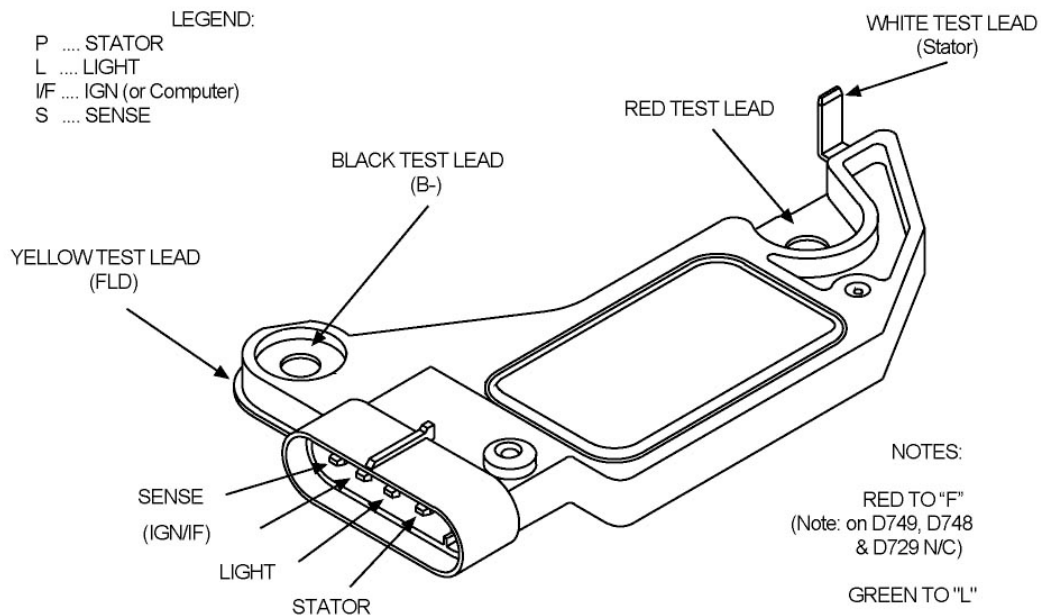
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D712	B	12	14.6	D734	B	12	14.6
D718	B	12	14.7	D749	B	12	14.6
D719	B	12	14.75	D748	B	12	14.8
D729	B	12	14.75	D752	B	12	14.7

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "stator". the indicator light will turn on, field lamp will stay on and meter will indicate approximately 12v. Disconnect the test lead from "L" terminal. Regulator will turn off and the meter will indicate 12v. On "I" type voltage regulators, connect the regulators as per diagram below except do not connect the indicator light to the "L" terminal. Connect red test lead to the terminal marked "I/F" and same results as step number 2 should be noticed.





# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D198XHD	B	12	14.8	D203XHD	B	12	14.8
D200XHD	B	12	14.8				
D201XHD	B	12	14.8				
D202XHD	B	12	14.8				

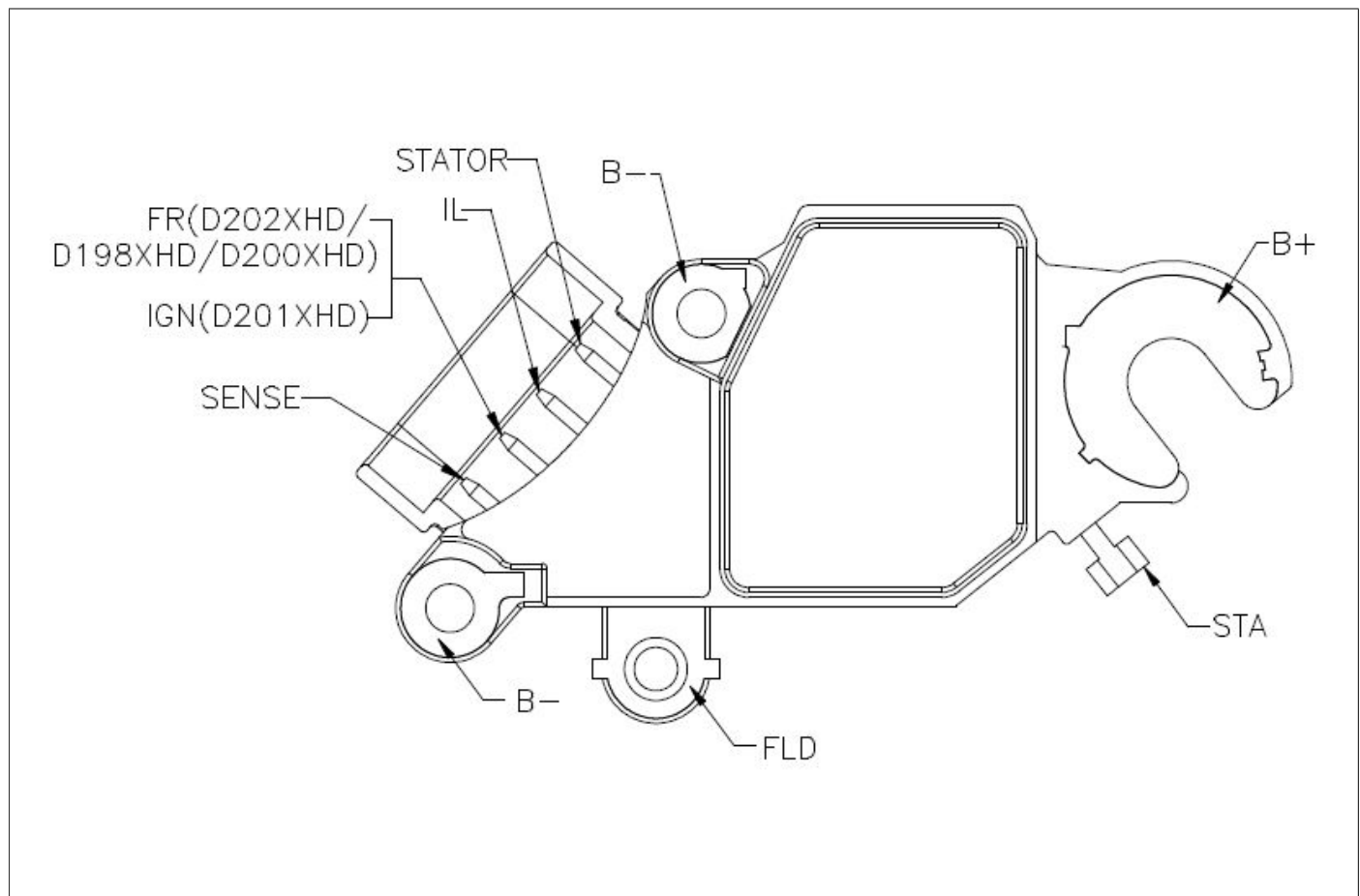
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove Stator terminal, field light stays on voltage reads 12 volts and lamp light comes on. Remove light terminal (and "I" terminal on PLIS type), voltage regulator turns off.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

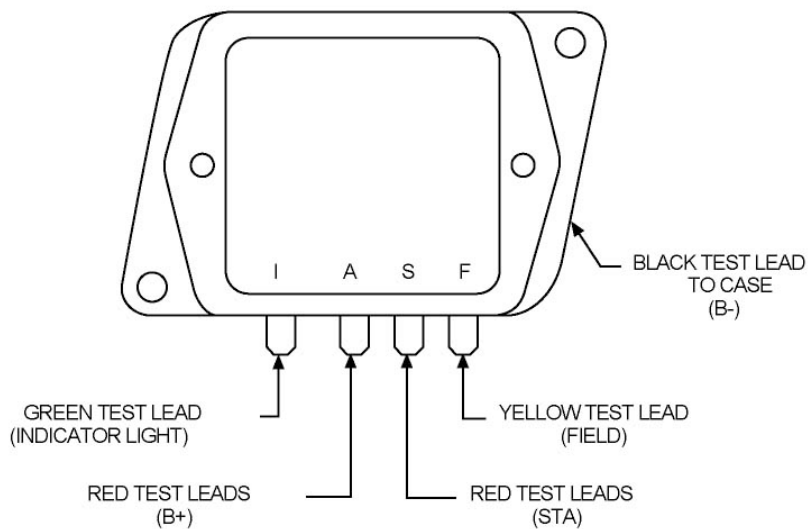
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F540	B	12	14.3	F540SP	B	12	14.2
F540HD	B	12	14.2	F540XHD	B	12	14.2
F540S	B	12	14.3	F782	B	12	14.2
F540SLD	B	12	14.2	F783	B	12	14.3

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove red lead from terminal marked "S". Indicator light should turn on and meter will still indicate set point voltage. Removal of test lead from "S" and "I" terminal will result in the field lamp turning off and the meter reading 12V. On Mechanical type regulators (F8512M), the "short circuit" light will also turn on due to the regulator's internal circuitry. Limit this test to a short time.



\* NOTE: NO CONNECTION ON ORANGE WIRE OF F783

# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F784	A	12	14.6	F785	A	12	14.6
F784HD	A	12	14.6	F786	A	12	14.6
F794	A	12	14.6	F794B	A	12	14.6
F784B	A	12	14.6	F795	A	12	14.6

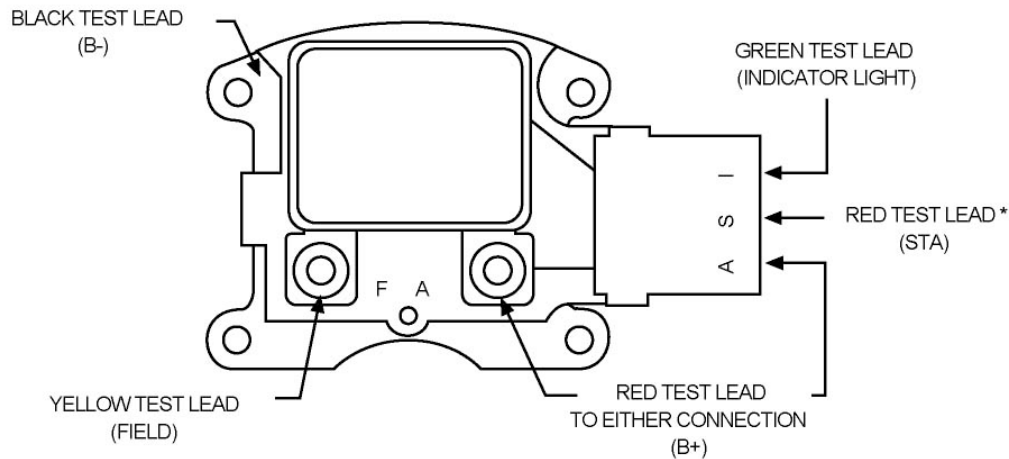
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove red test lead from terminal marked "S". Indicator light should turn on and the meter will still indicate the set point voltage. Removal of test of leads from "S" and "I" will result in field lamp turning off and the meter reading 12V.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



NOTE: On Transpo's F786 & F795 connect white test lead to terminal marked "S".

# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

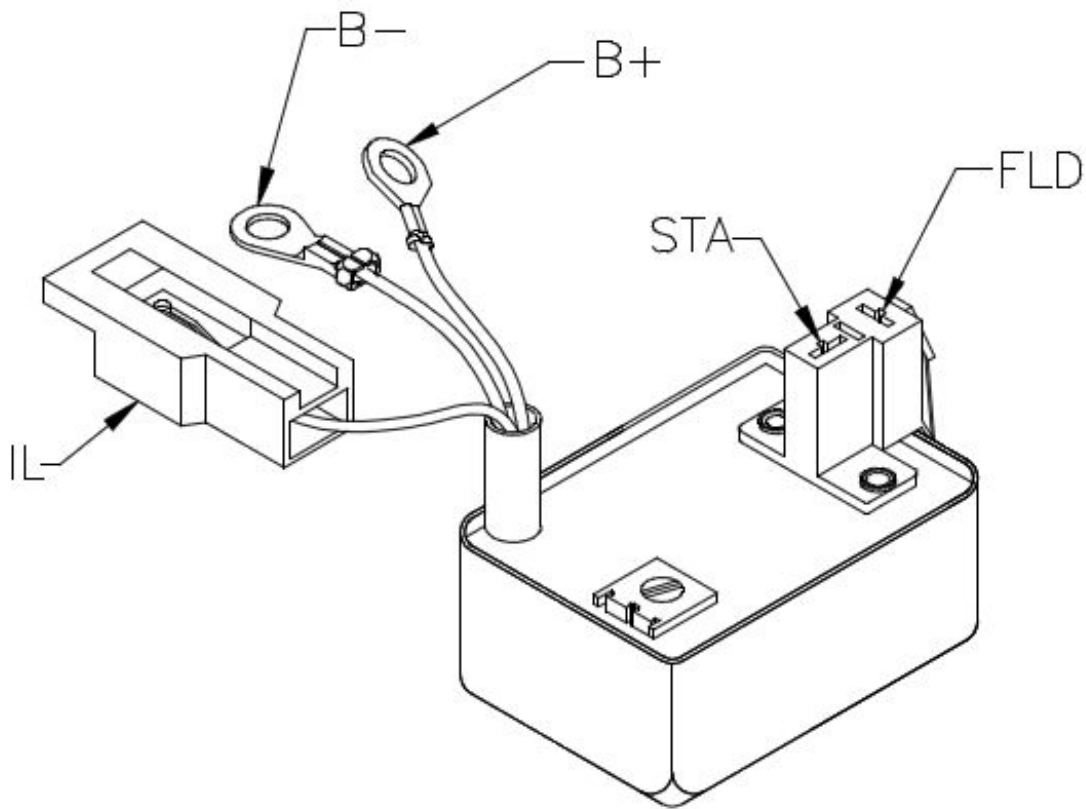
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F733L	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from terminal marked "stator". Field lamp should turn off and the meter will indicate low voltage. On F733L regulator, removal of white test lead will result in indicator light turning on.



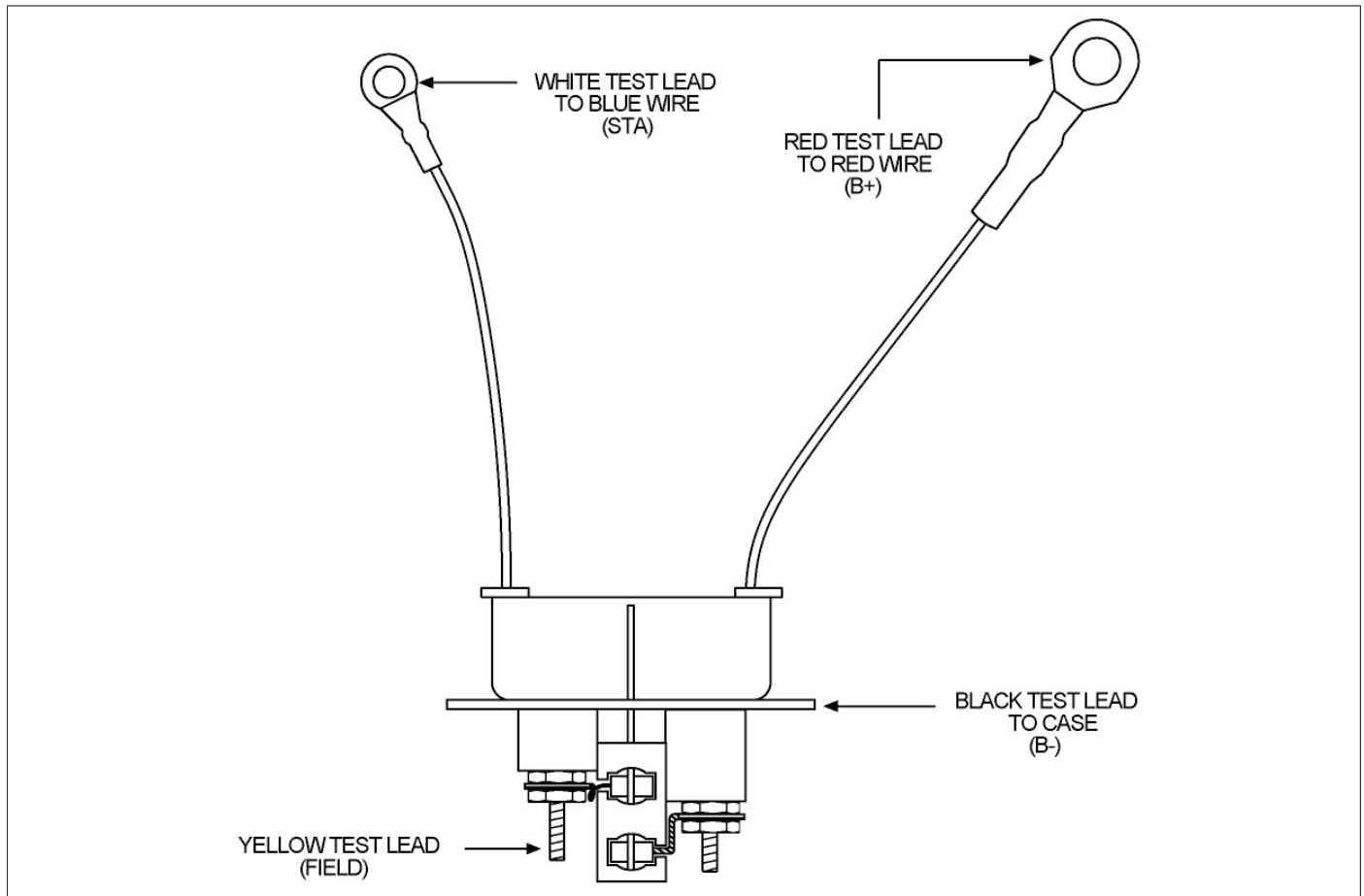
\* NOTE: No Yellow wire for F733

# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
FB123	B	12	14.2				
FB303	B	12	14.2				
FB309	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove white test lead from blue wire of the regulator. Field lamp should turn off and the meter will indicate 12V.



# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

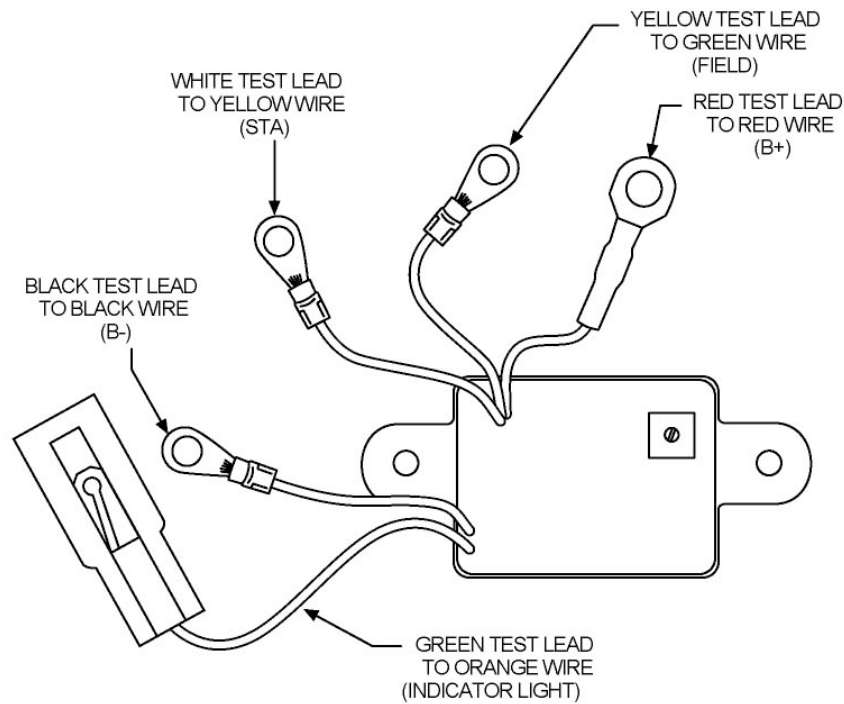
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F7078	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from terminal marked " Stator". Field lamp should turn off, indicator light will turn on and the meter will indicate low voltage.



# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

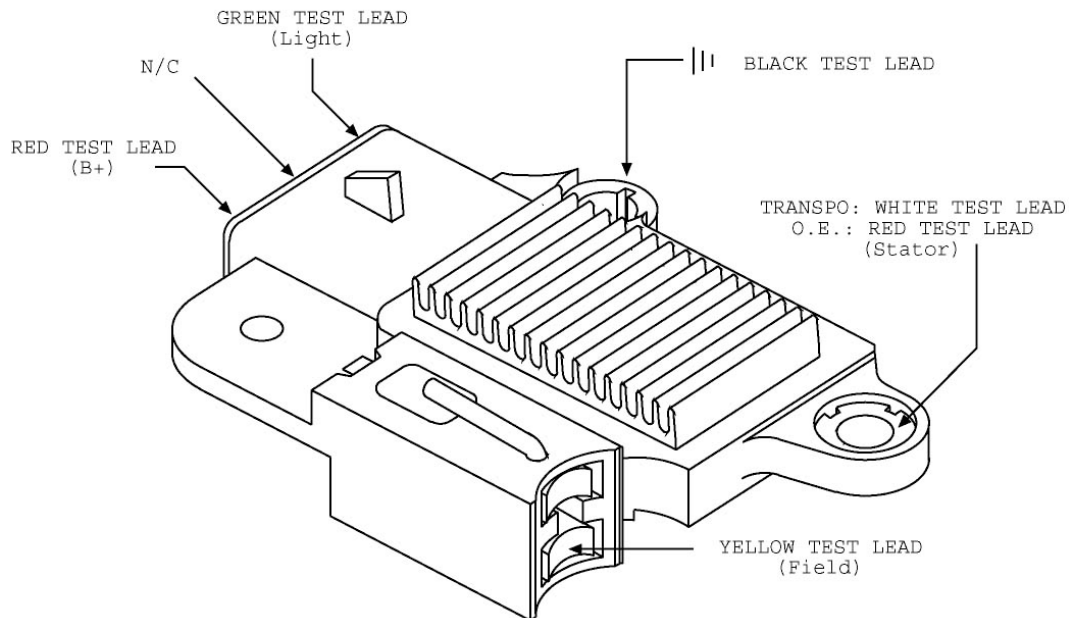
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F796</b>	<b>A</b>	<b>12.0</b>	<b>14.6</b>				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

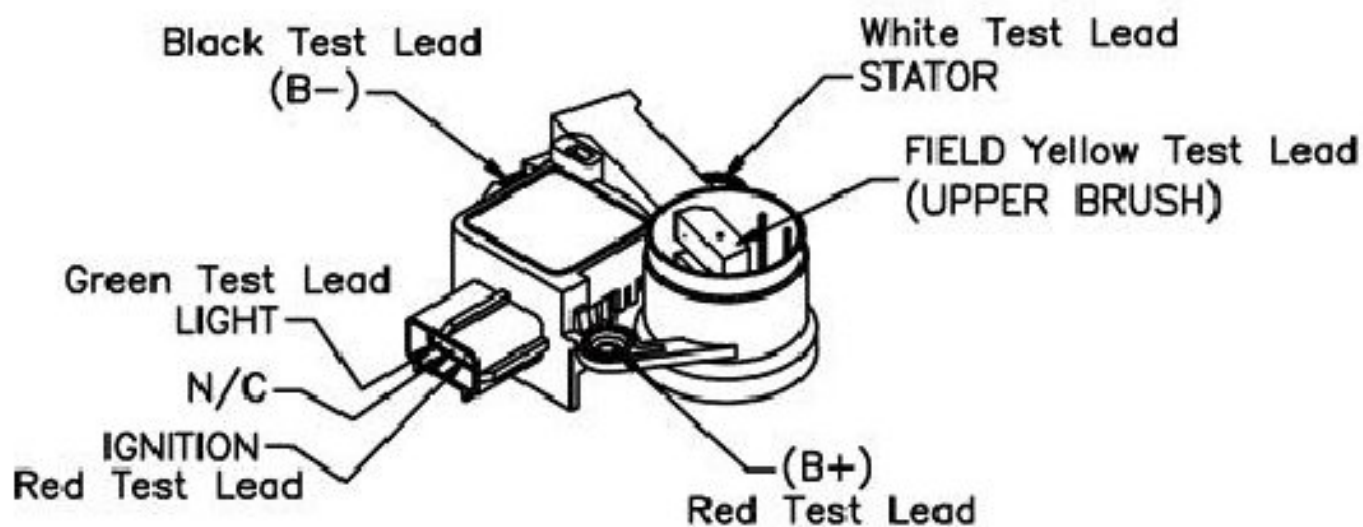
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F600	A	12.0	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

## 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "Stator", field light stays on, voltage remains at 14.3 volt and indicator light turns on. Remove green test lead from "Light" terminal, field light and 12.0 volt light turn off. To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.





# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F798	A	12.0	14.6				

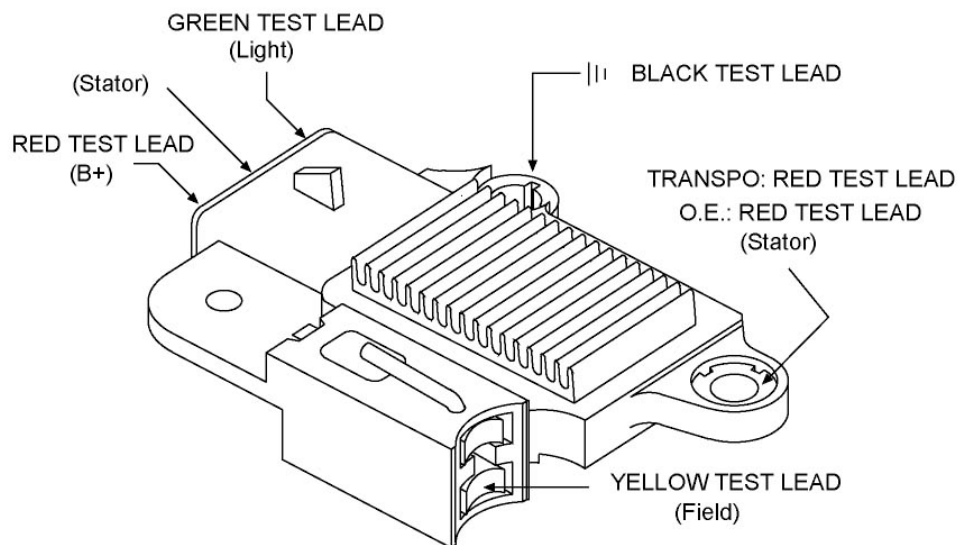
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove red test lead from stator and voltage will remain the same and 12 volt lamp will come on.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F602	A	12.0	14.4				
F603	A	12.0	14.4				
F605	A	12.0	14.4				
F606	A	12.0	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

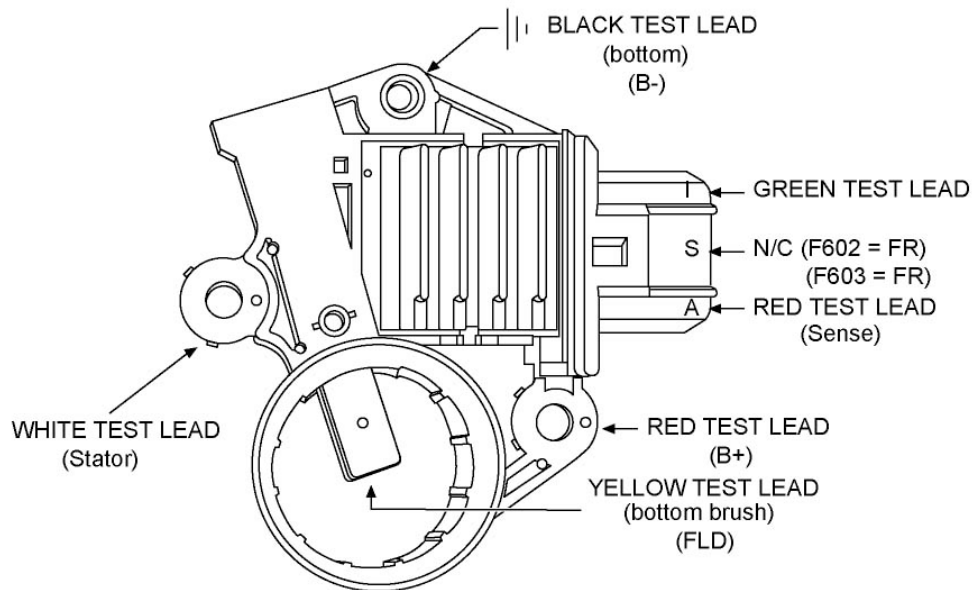
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "Stator", field light stays ON. On F602 voltage drops to 12.0 volts and indicator light turns ON. On F603 voltage stays at 14.4 volts and lamp turns ON. Remove green test lead from "Light" terminal, field light and lamp turn OFF.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

Note: F605 Disconnect sense terminal, regulator should read approximately 14.8V.

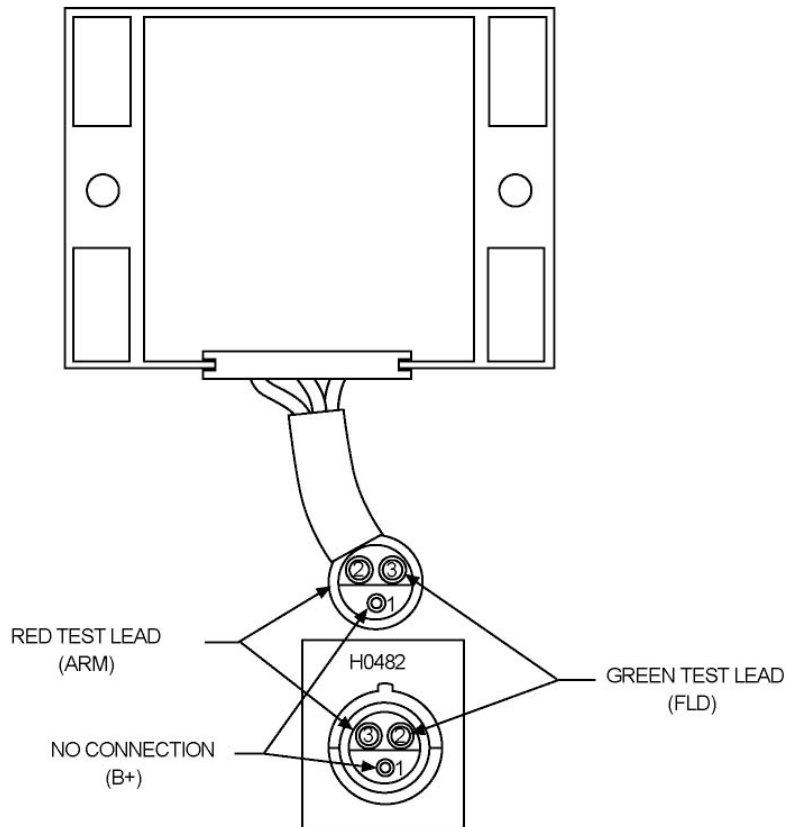


# TRANSCO TESTER INSTRUCTIONS

for HARLEY type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
H0478	A	12	15.1				
H0482	A	12	15.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

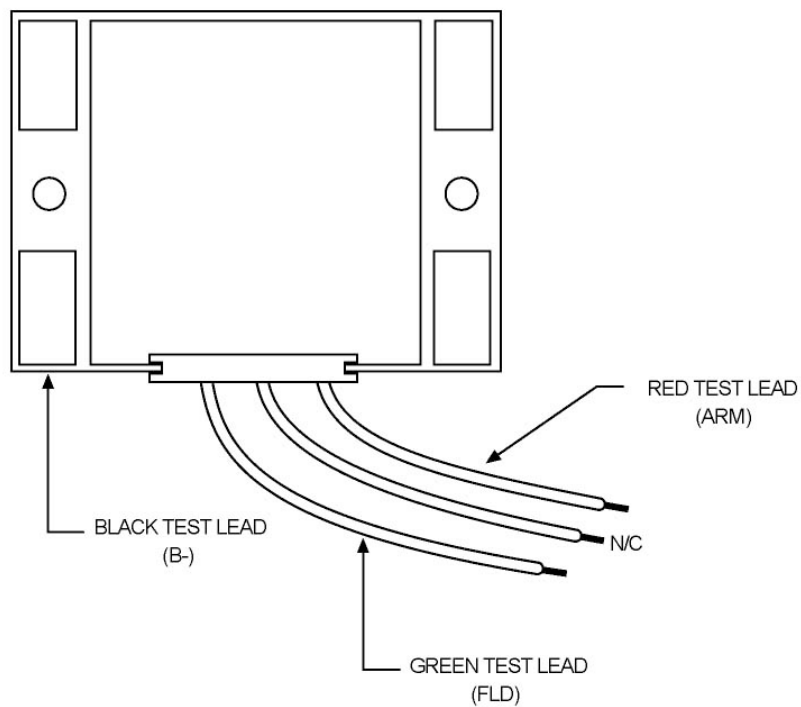


# TRANSCO TESTER INSTRUCTIONS

for HARLEY type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
H606	A	6	7.5				
H614	A	12	15.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

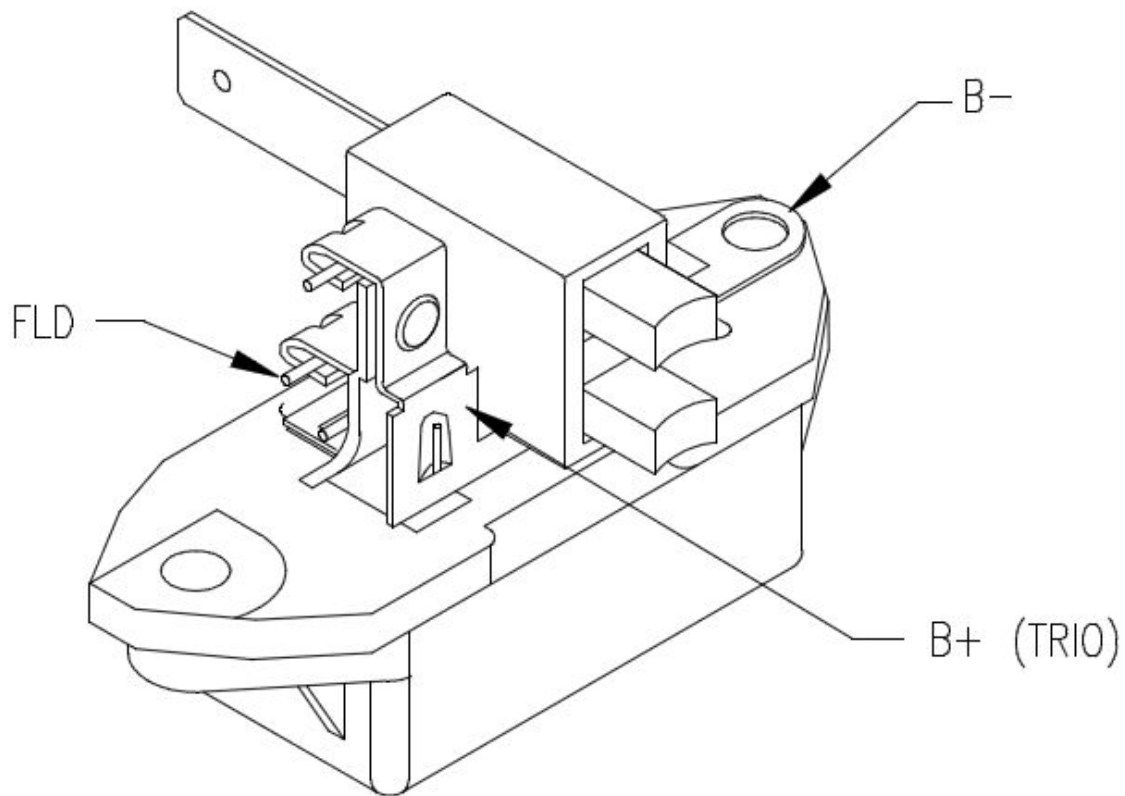


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB371	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

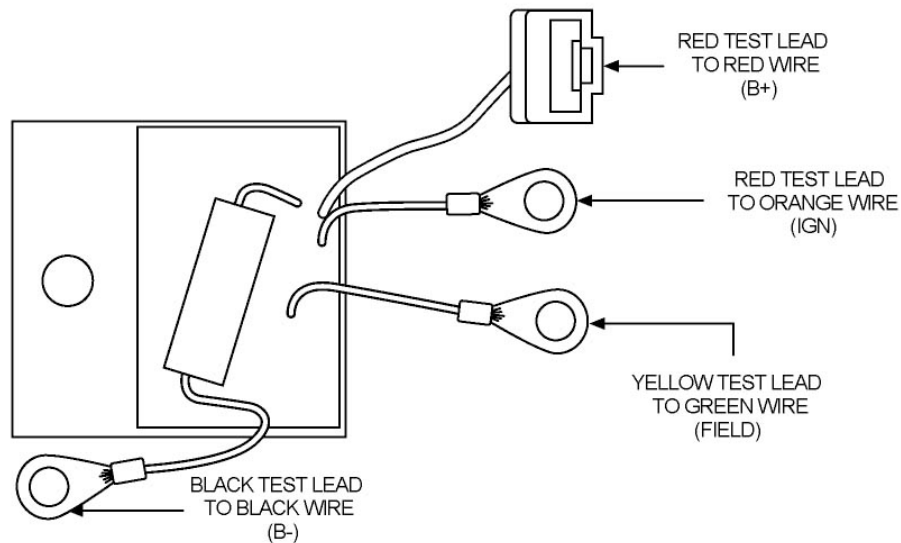


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB8315	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

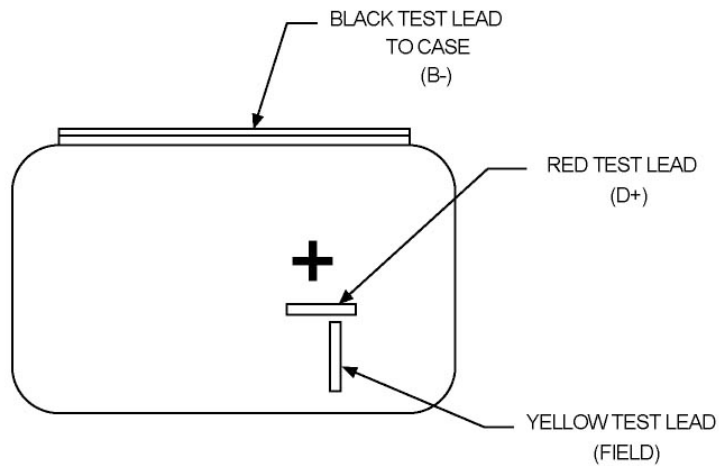


# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB303	B	12	14.4				
IB303A	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

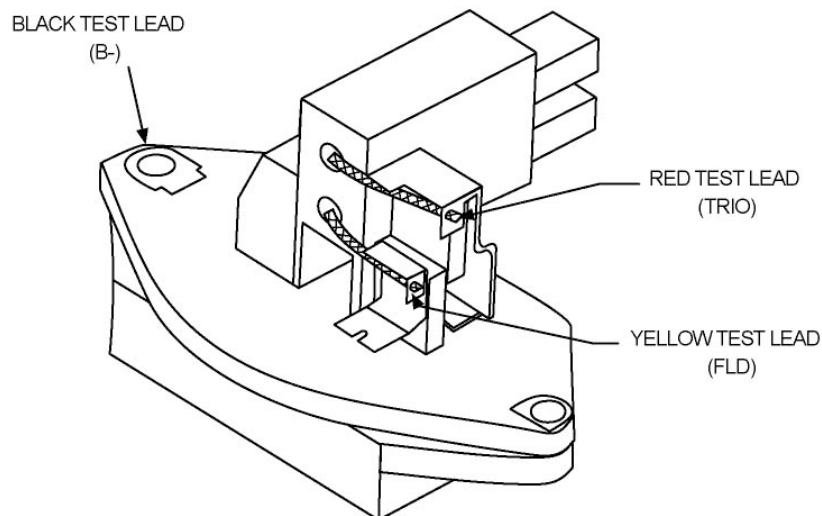


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB375	A	12	14.4	IB379	A	24	28.1
IB376	A	24	27.5	IB374	A	24	27.5
IB377	A	12	14.4				
IB378	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



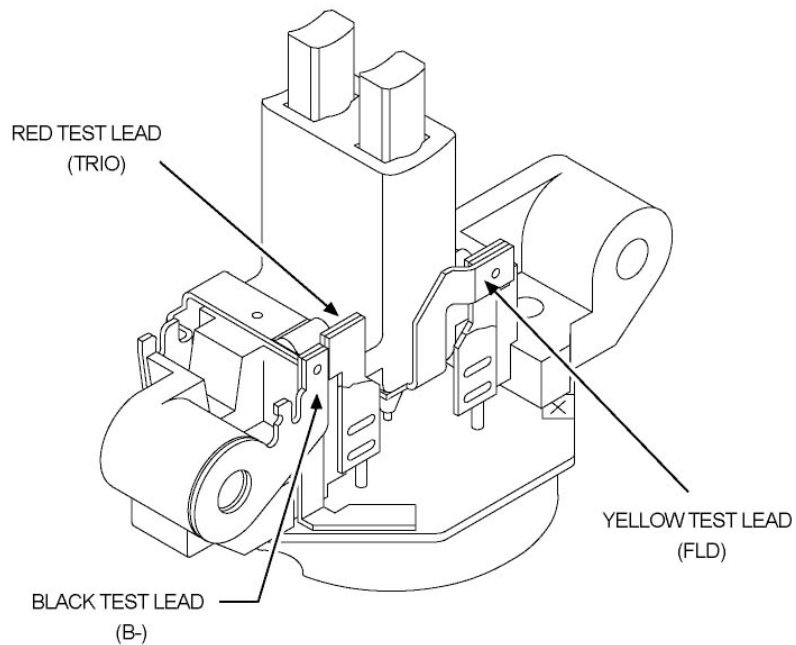


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB380	A	12	14.4	IB387	A	12	14.5
IB383	A	12	14.4				
IB384	A	12	14.4				
IB385	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

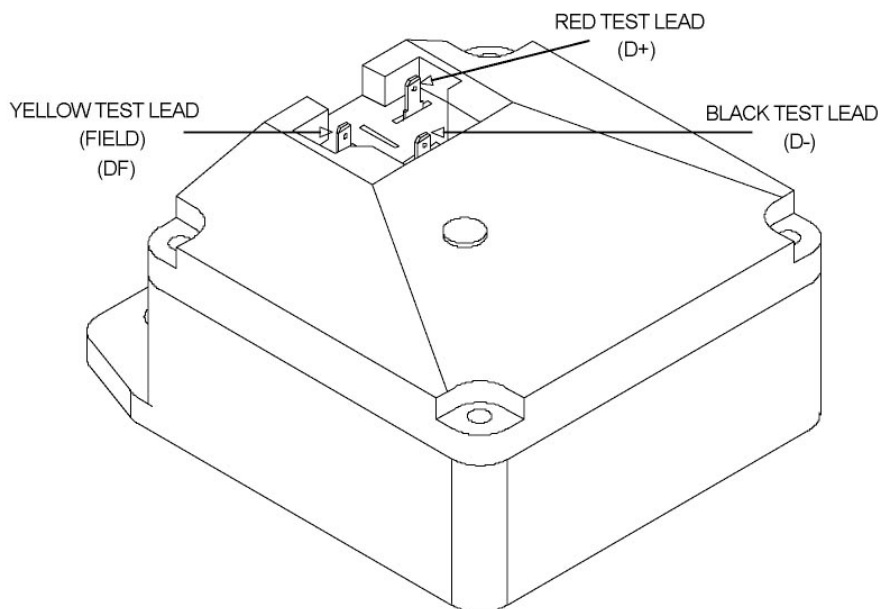


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB033A	B	24	28.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

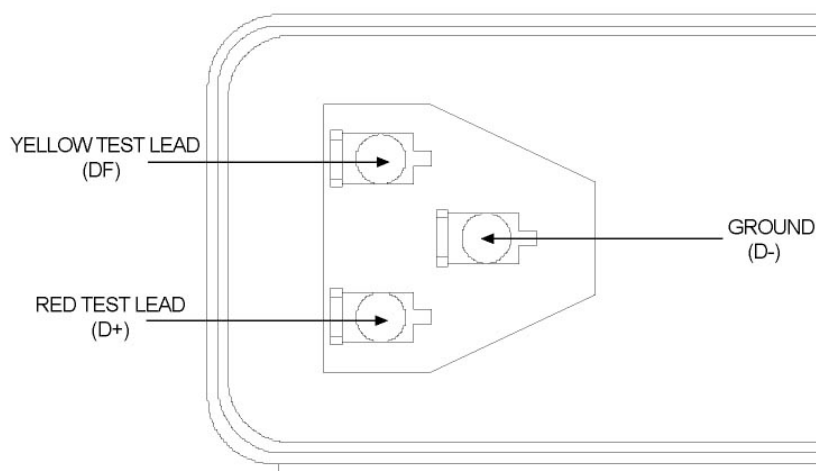


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB305	B	12	14.8				
IB306	B	12	14.8				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



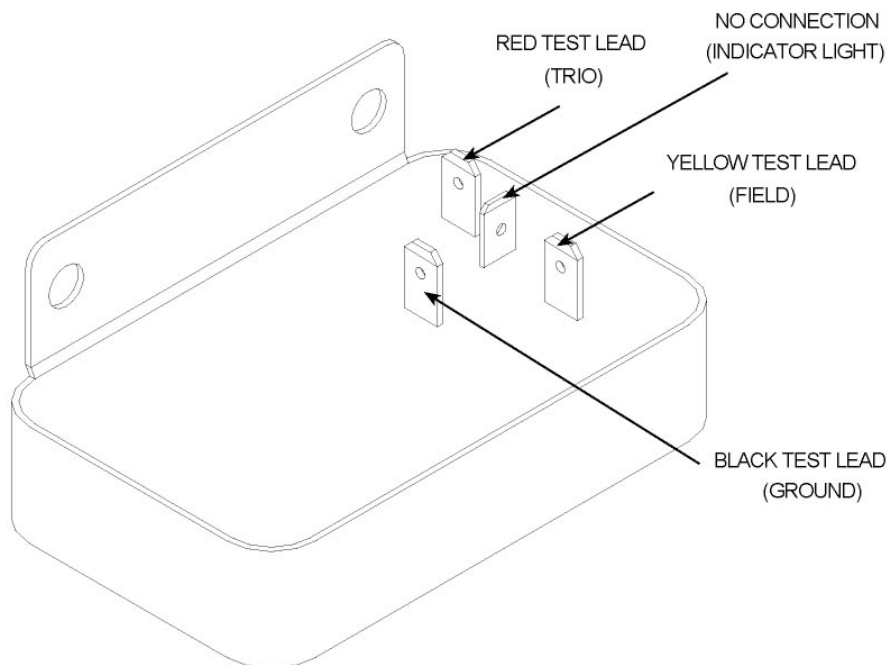
NOTE: IB306 Superseded by IB305-1

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB308	B	24	28.0				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB343	A	12	14.4				

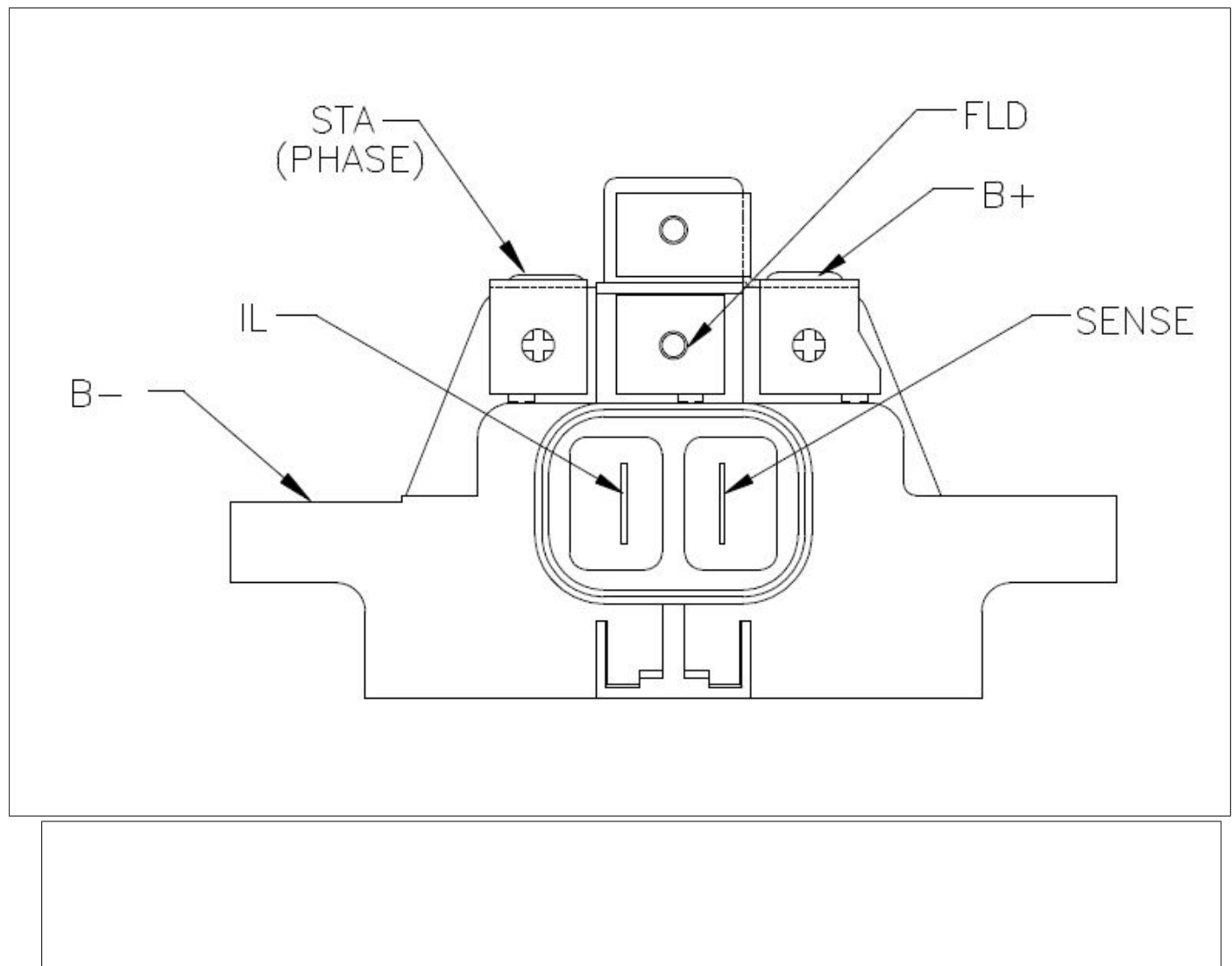
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "STA"; meter will indicate set point and lamp light will come on. Reconnect the white test lead. Remove red test lead from the terminal marked "SENSE", the meter will indicate 12V, field lamp will stay on and lamp light will come on. Remove green test lead; field and lamp light will turn off.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

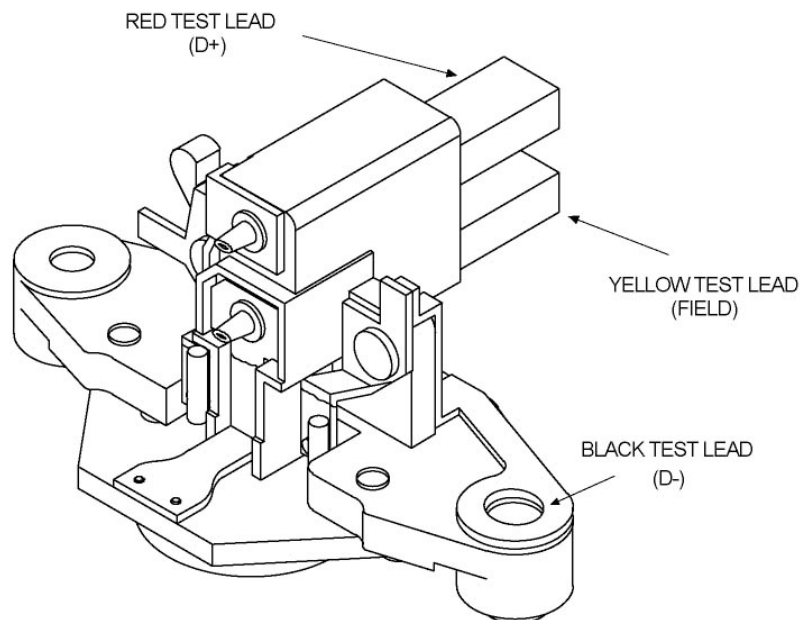


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB348	A	12	15.0	IB353	A	12	14.5
IB350	A	12	14.1	IB354	A	12	14.1
IB351	A	12	14.5	IB355	A	12	14.5
IB352	A	12	14.1	IB356	A	12	14.8

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

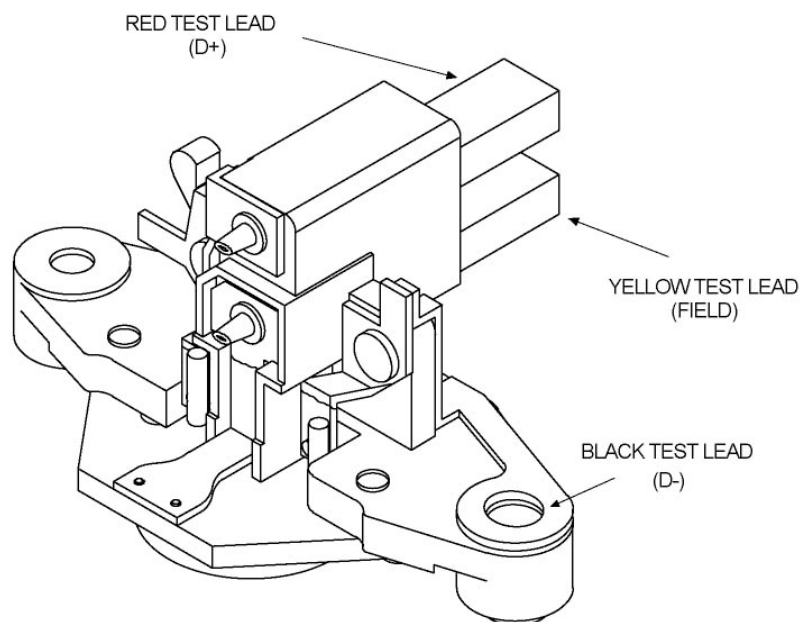


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB370	A	12	14.5				
IB370A	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

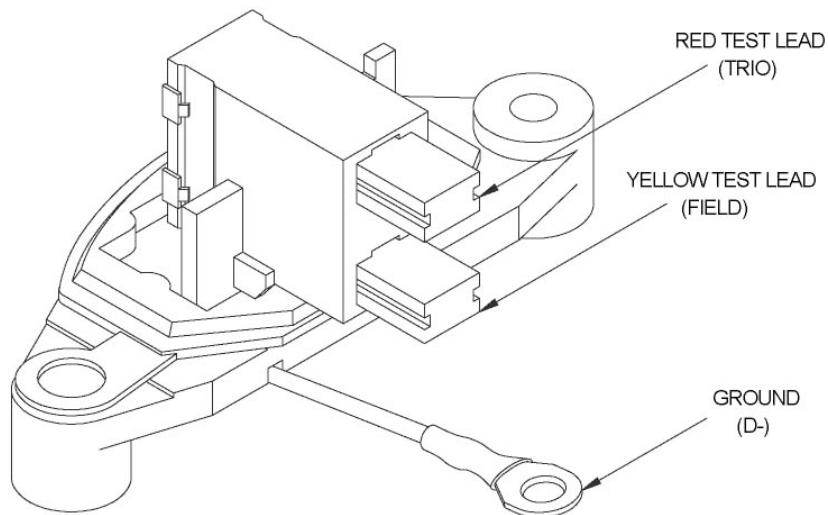


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB365	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



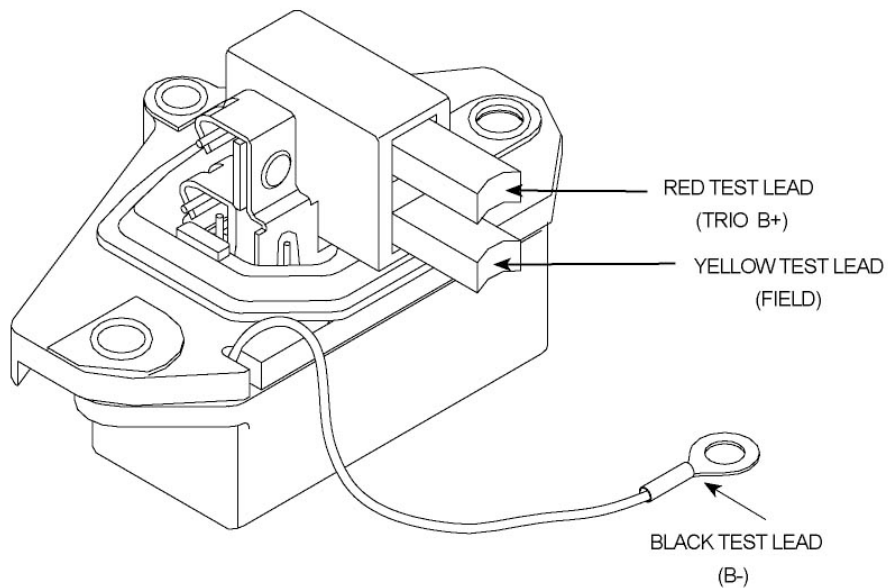


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB386	A	28	28				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

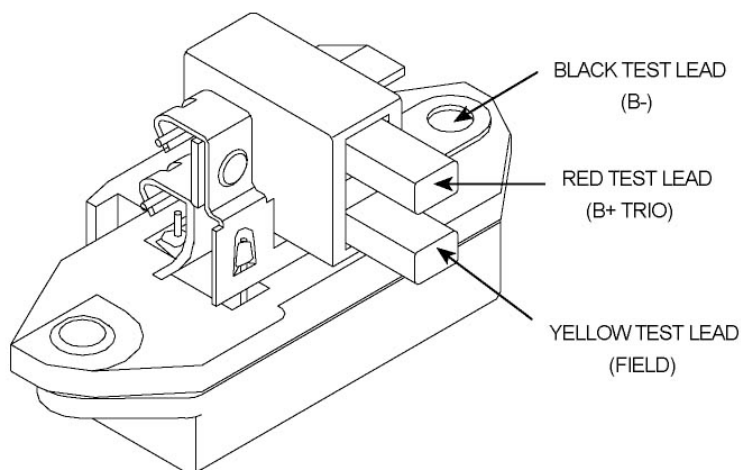


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB398	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

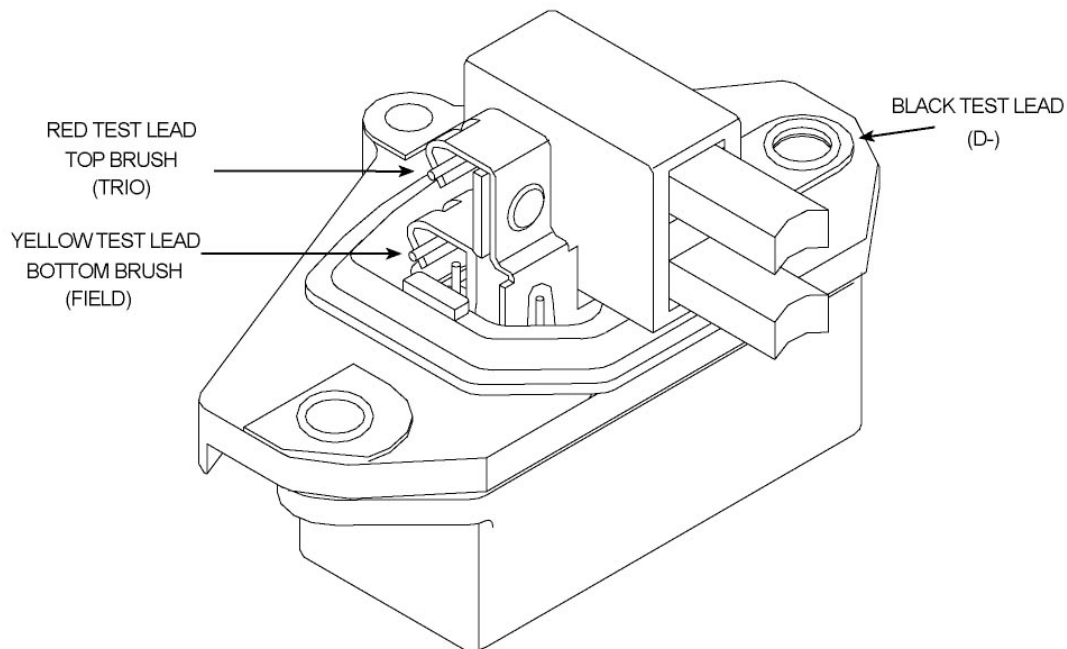


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB382	A	24	28.8				
IB381	A	24	28.1				
IB316	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

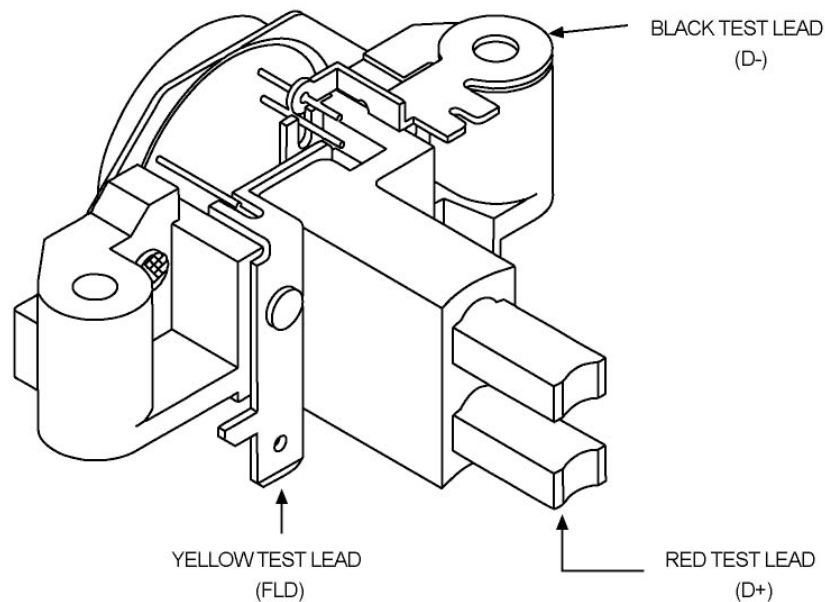


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB511	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

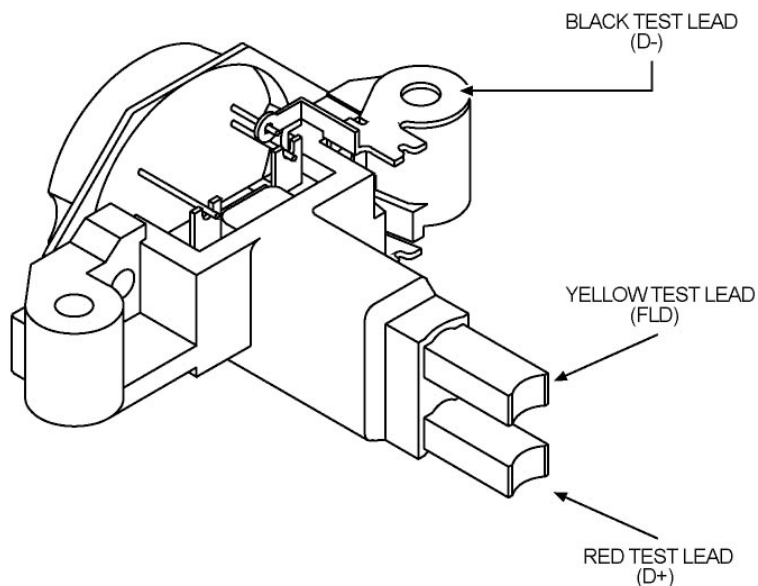


# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB512	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

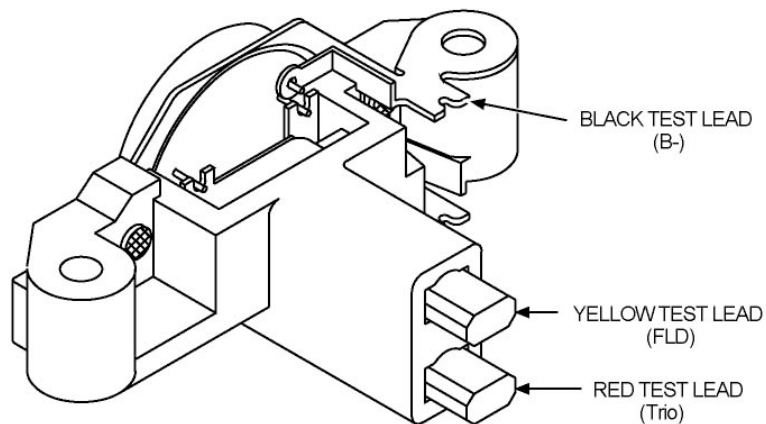


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB388	A	12	14.0				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

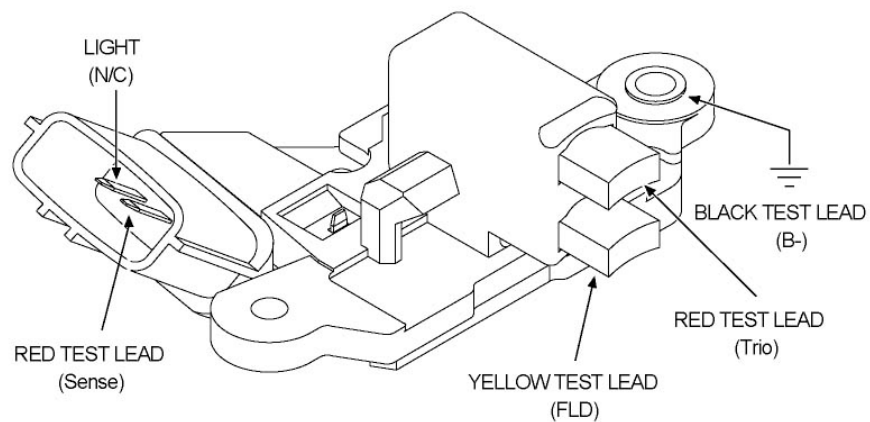


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB501	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

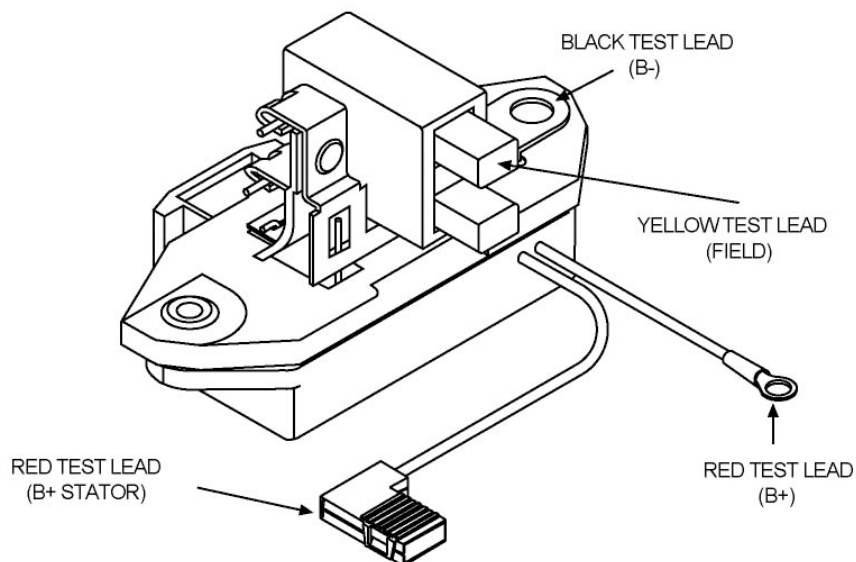


# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB399	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



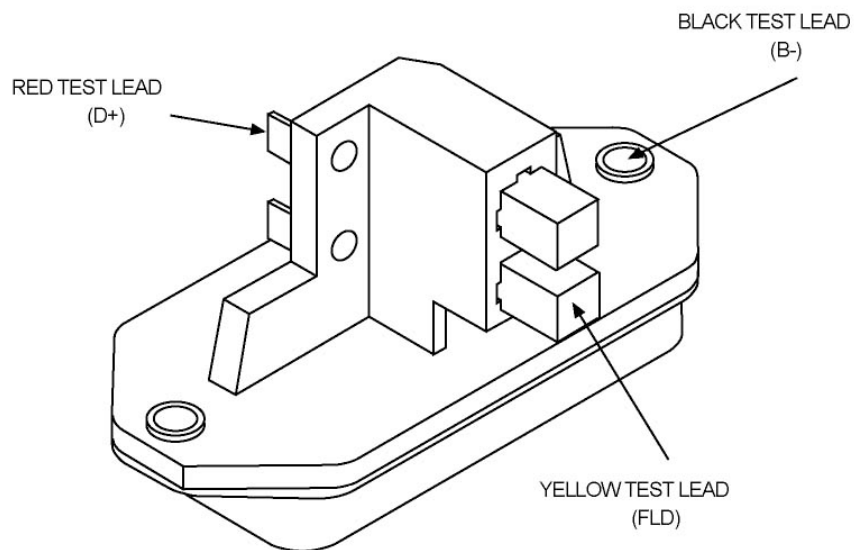


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB400	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

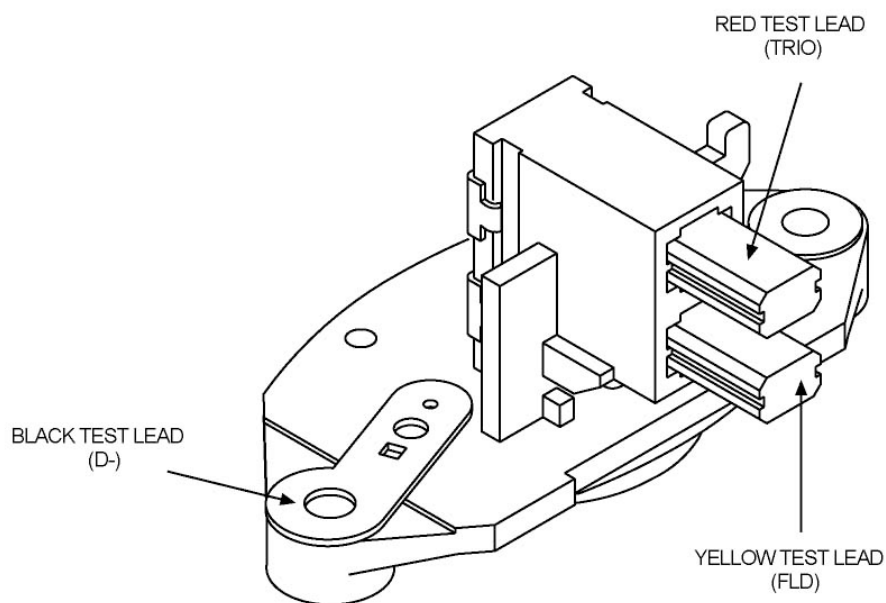


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB360	A	12	14.1	IB364	A	24	29.0
IB368	A	12	14.1	IB369	A	24	28.0
IB362	A	24	28.00	IB366-1	A	24	28.5
IB363	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB247	A	12	14.3				

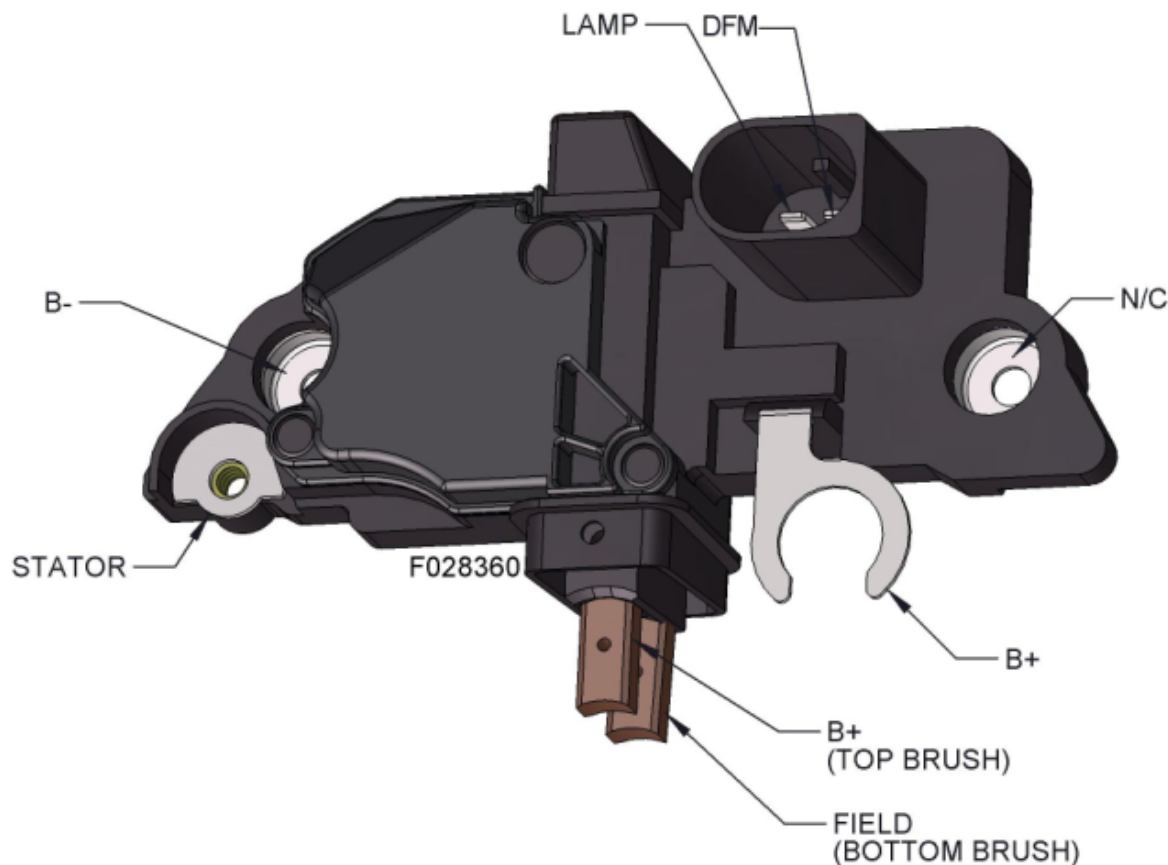
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Do not connect the FR terminal.

- Push the Choke switch and the "Choke Drive" will turn on.
- Remove white test lead from terminal marked "Stator" - the Field light and Lamp will come on and Voltage will show 12 volts.
- Remove green test lead from "light" terminal , field light will go out and voltage stays at 12 volts.



• To check IB247 for Over Voltage using VRC2010, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

• L-FR Terminals • With LRC and Soft Start • Active Lamp Circuit - with Output

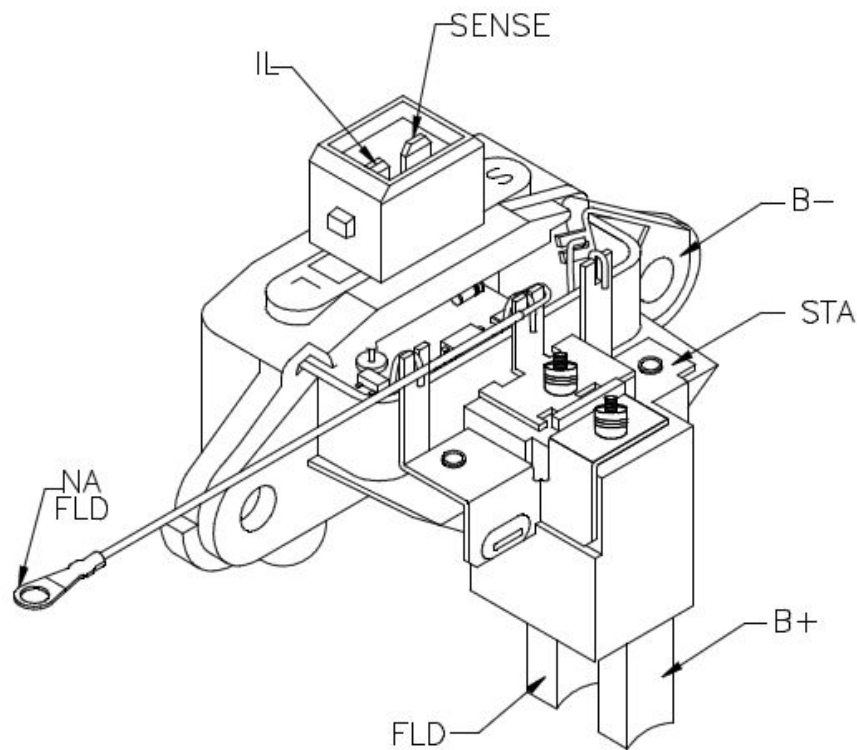
NOTE: VRC101-34 adapter shown for enhance stator signal, not all late model regulators need enhance signal

# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB392	A	12	14.4				
IB391	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove Red test lead from terminal marked "STA". lamp comes on and the meter will indicate set point voltage. Reconnect the white test lead. Remove red test lead from the terminal marked "S", field lamp will turn on, the indicator light will turn on and the meter will indicate 12V.



# TRANSCO TESTER INSTRUCTIONS

for DELCO STAR II & STAR type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D7011	B	6	7.8				
D7012	B	8	9.6				
D7014	B	12	14.2				
D7016	B	24	27.5				

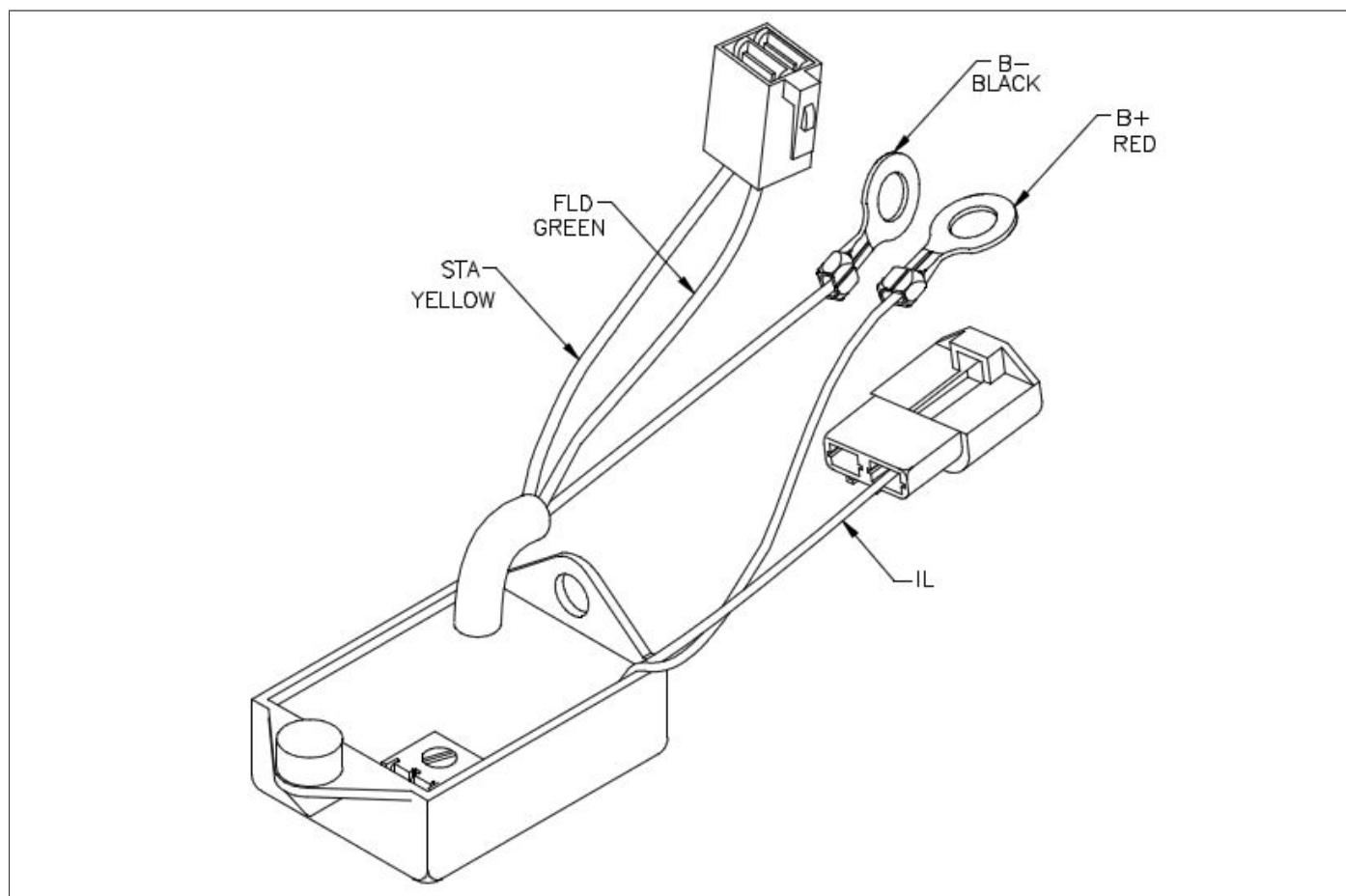
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect white test lead (Stator) from regulator's yellow wire. Field lamp should turn "OFF" and the meter will indicate the original voltage range in step one.

Note: Indicator light will turn "ON" on part numbers: D7011, D7014, D7016, D7041.



<u>Regulator Wire</u>	<u>Test Lead Wire</u>	<u>Function</u>
Red	Red	Battery Positive
Black	Black	Battery Negative
Green	Yellow	Field
Yellow	White	Stator

# TRANSPO TESTER INSTRUCTIONS

for DELCO STAR II & STAR type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D7044	B	12	14.7				
D7024	B	12	14.2				

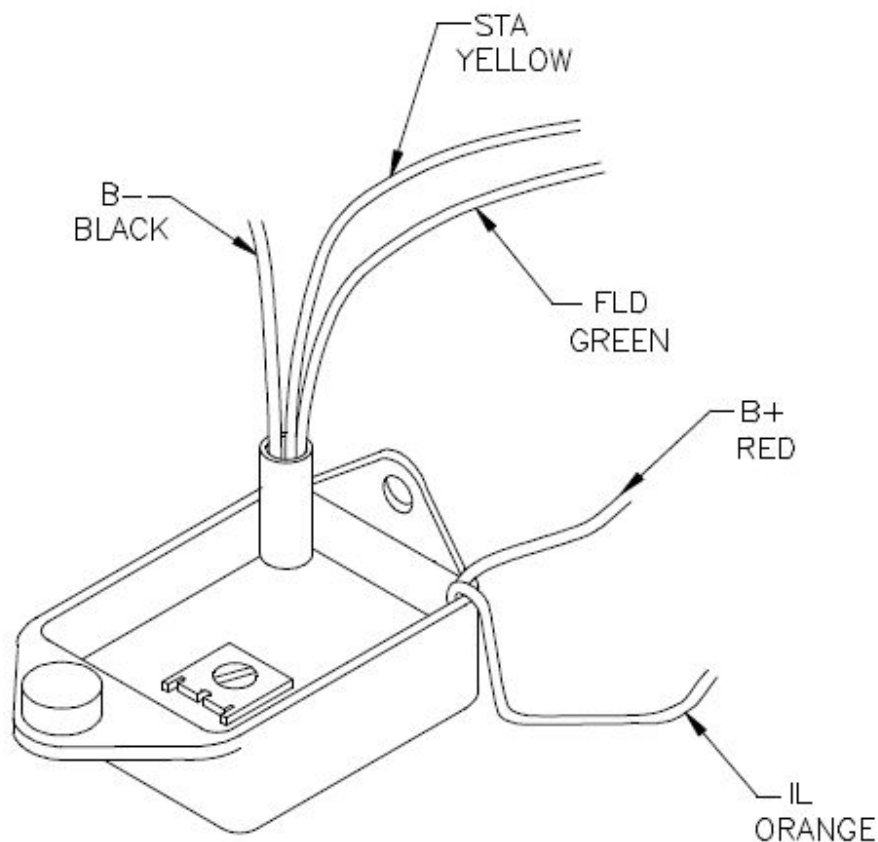
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect white test lead (Stator) from regulator's yellow wire. Field lamp should turn "OFF" and the meter will indicate the original voltage range in step one.

Note: Indicator light will turn "ON" on part numbers: D7044, D7021, D7024, D7026.



Regulator Wire	Test Lead	Function
Red	Red	Battery Positive
Black	Black	Battery Negative
Green	Yellow	Field
Yellow	White	Stator

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB241	A	12	14.4				

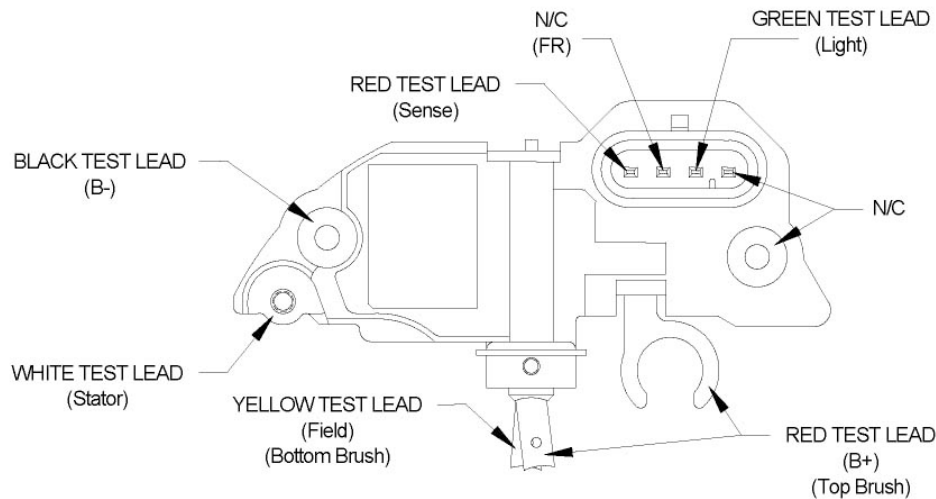
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "Stator" volts will drop to 12 volts; field light and lamp light will come on. Remove green test lead from terminal marked "light", field and lamp light will go out and voltage remains at 12 volts.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for DUCELLIER type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
ID1006	A	12	14.3				
ID1010	A	12	14.3				

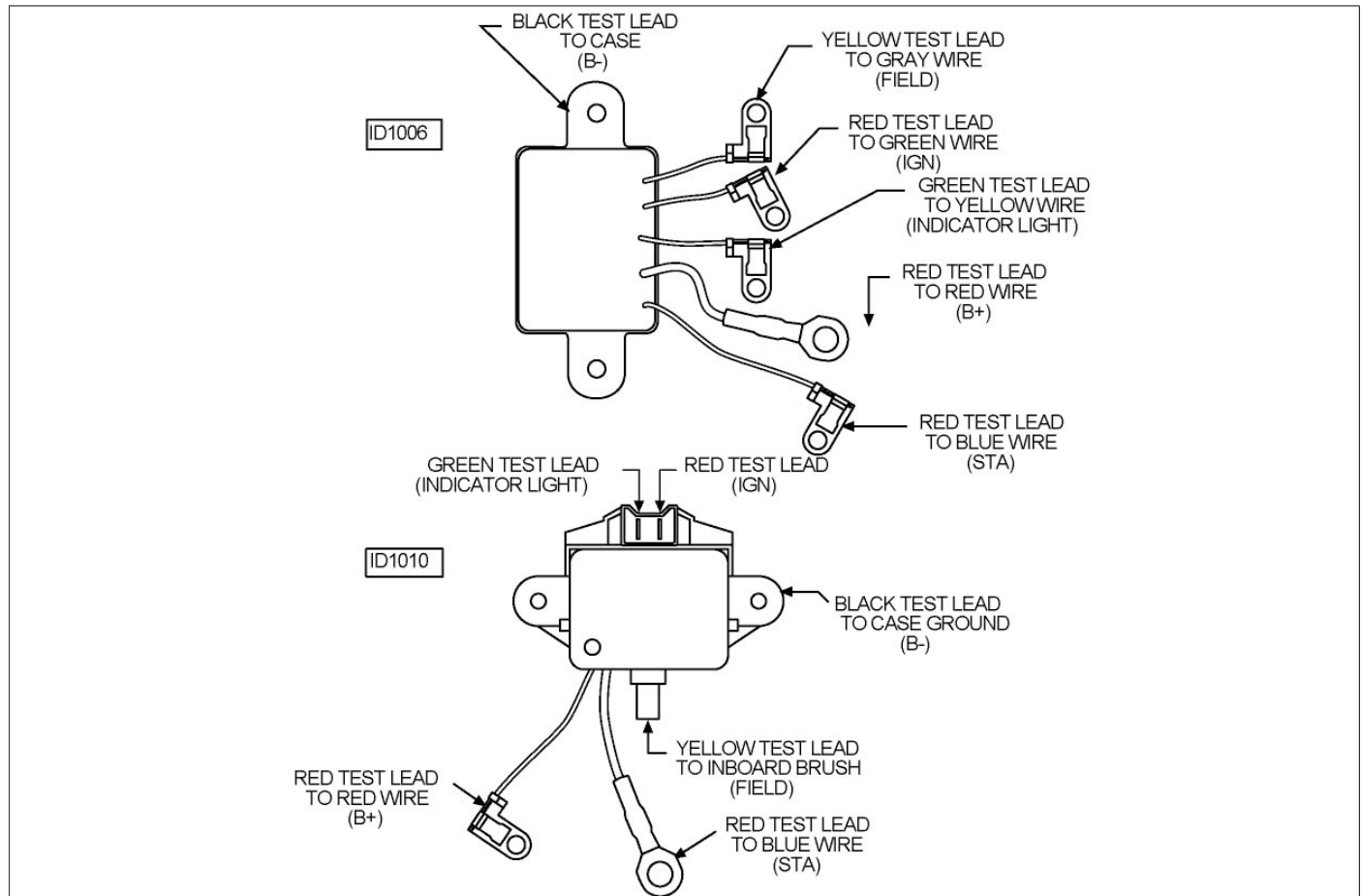
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove red test lead from the blue wire of the regulator. Indicator light should turn on and the meter will still indicate the set point voltage.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



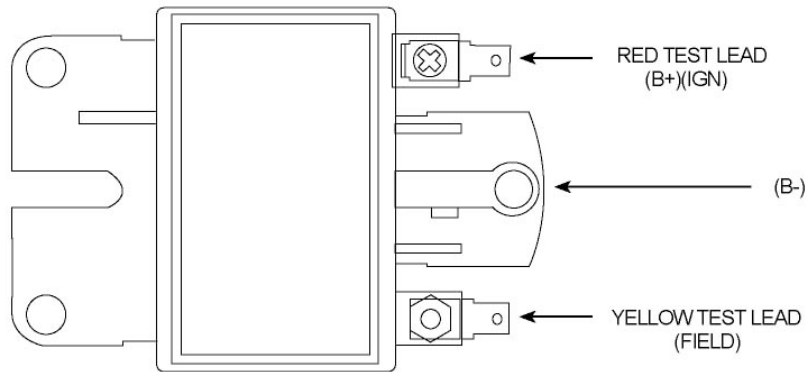


# TRANSCO TESTER INSTRUCTIONS

for DUCELLIER type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
ID4009	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

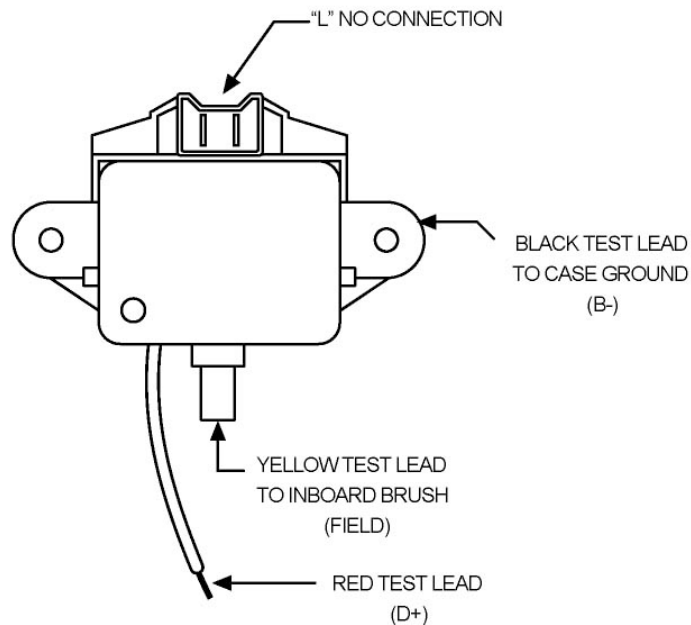


# TRANSPO TESTER INSTRUCTIONS

for DUCELLIER type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
ID1015	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for DUCELLIER type regulators

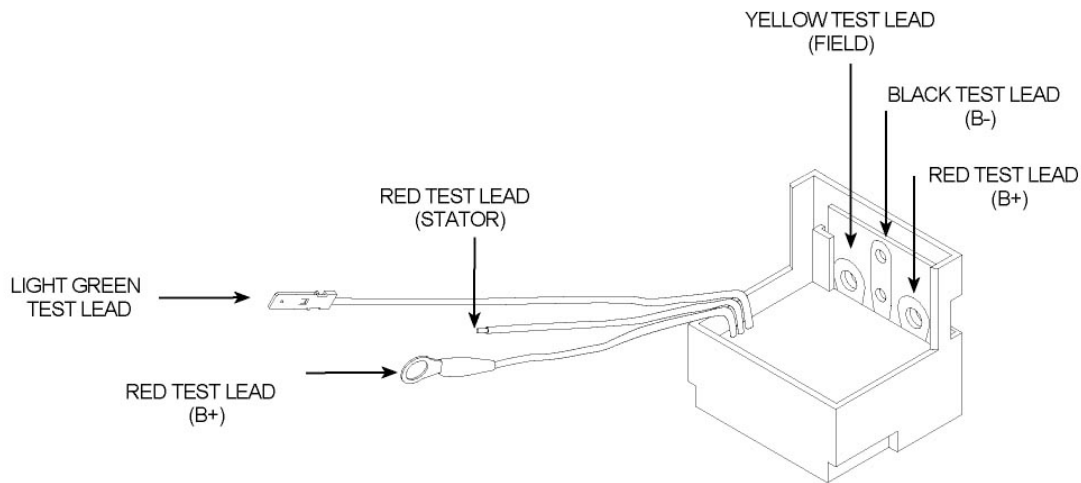
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
ID1004	A	14	14.3				
ID1016	A	14	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect red test lead from stator (blue) wire indicator lamp will come on regulator will continue to read 14.4/14.5 volts. Reconnect stator lead and lamp will go out.



# TRANSCO TESTER INSTRUCTIONS

for DUCELLIER type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
ID1007	A	12	14.4				

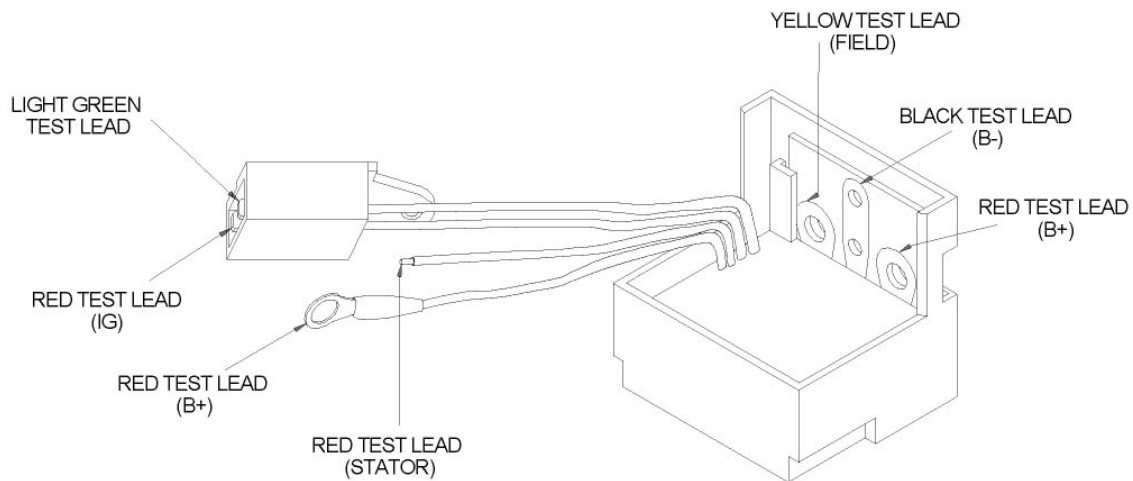
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect red test lead from stator (blue) wire indicator lamp will come on regulator will continue to read 14.4/14.5 volts. Reconnect stator lead and lamp will go out.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for DUCELLIER type regulators

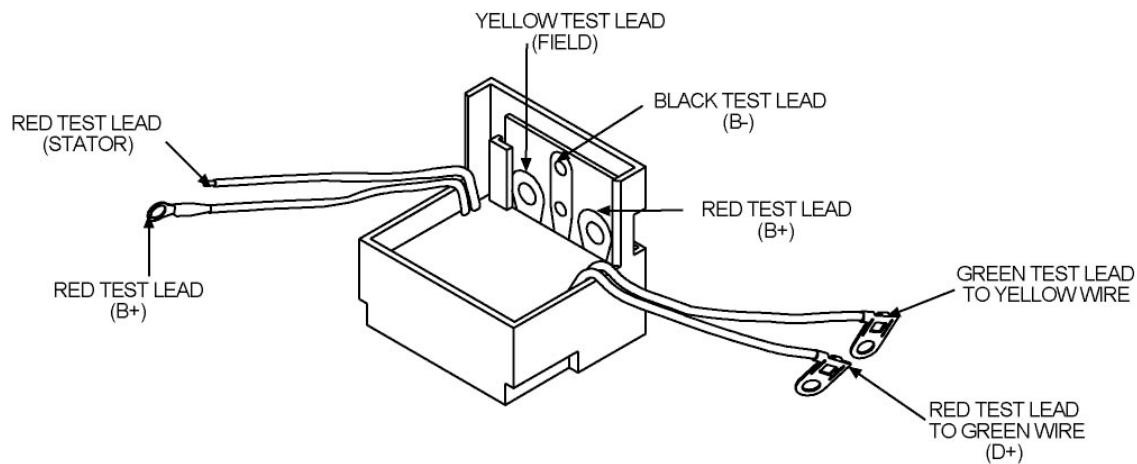
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
ID1011	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect red test lead from stator (blue) wire indicator lamp will come on regulator will continue to read 14.4/14.5 volts. Reconnect stator lead and lamp will go out.



# TRANSCO TESTER INSTRUCTIONS

for DUCELLIER type regulators

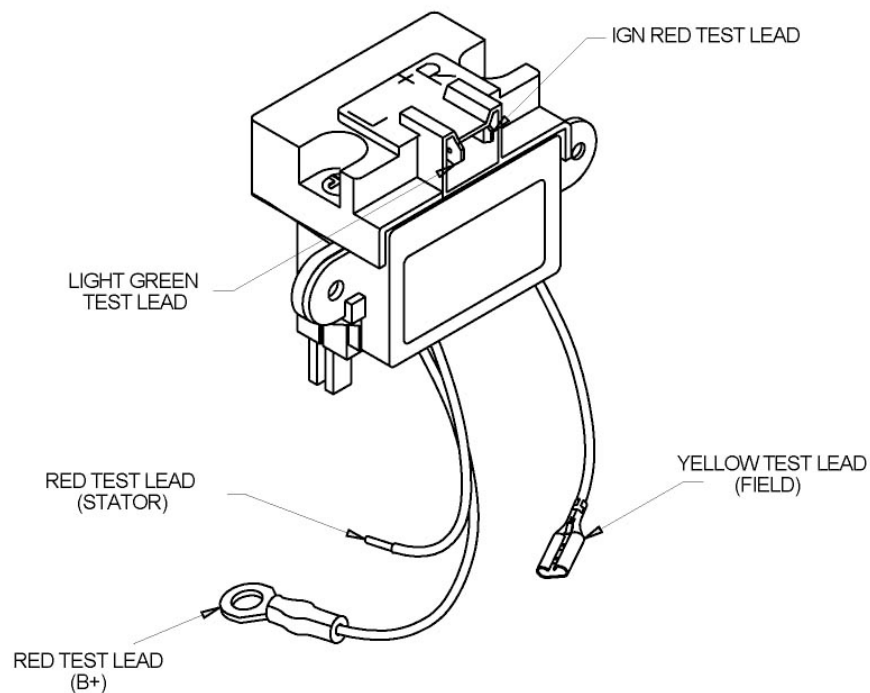
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
ID1018	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from the blue wire of the regulator. Indicator light should turn on the meter will still indicate the set point voltage.

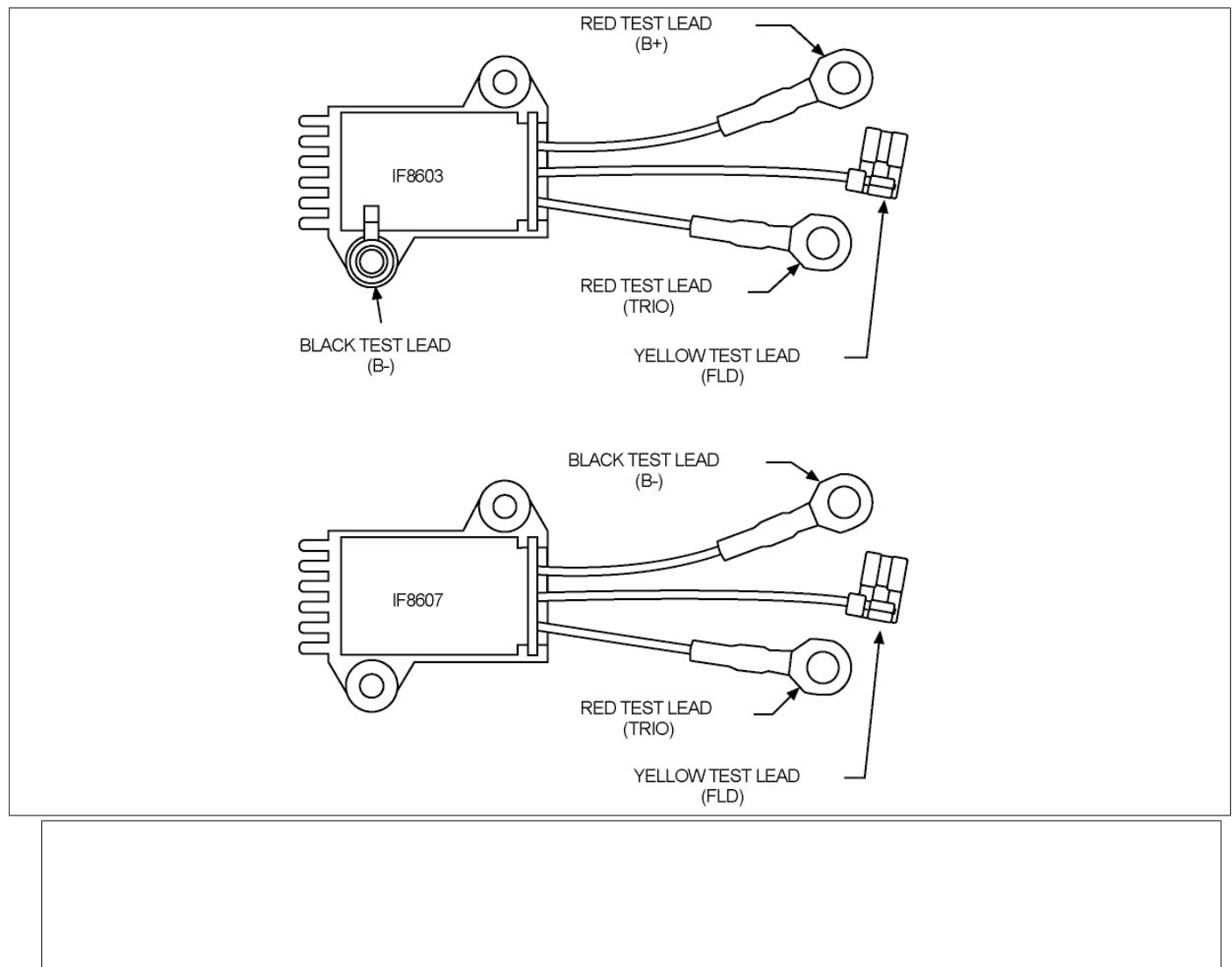


# TRANSPO TESTER INSTRUCTIONS

for FEMSA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IF8603	A	12	14.7				
IF8607	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

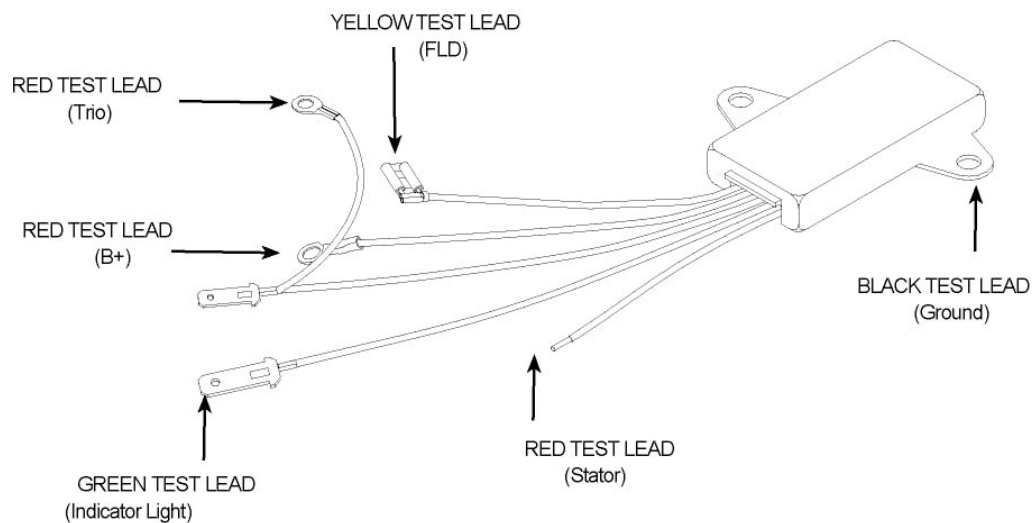


# TRANSPO TESTER INSTRUCTIONS

for FEMSA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IF5442	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove red lead from terminal marked stator. Indicator light will come on, reconnect. Light shuts off.



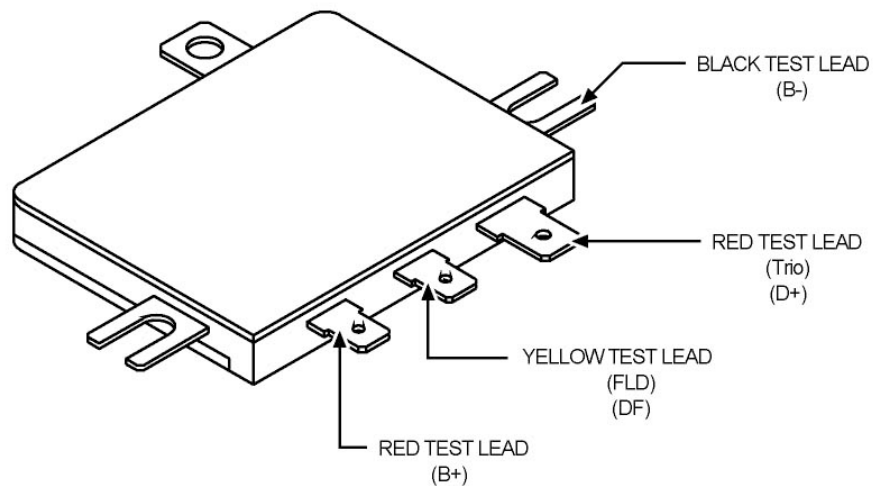


# TRANSCO TESTER INSTRUCTIONS

for FEMSA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IF1692	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

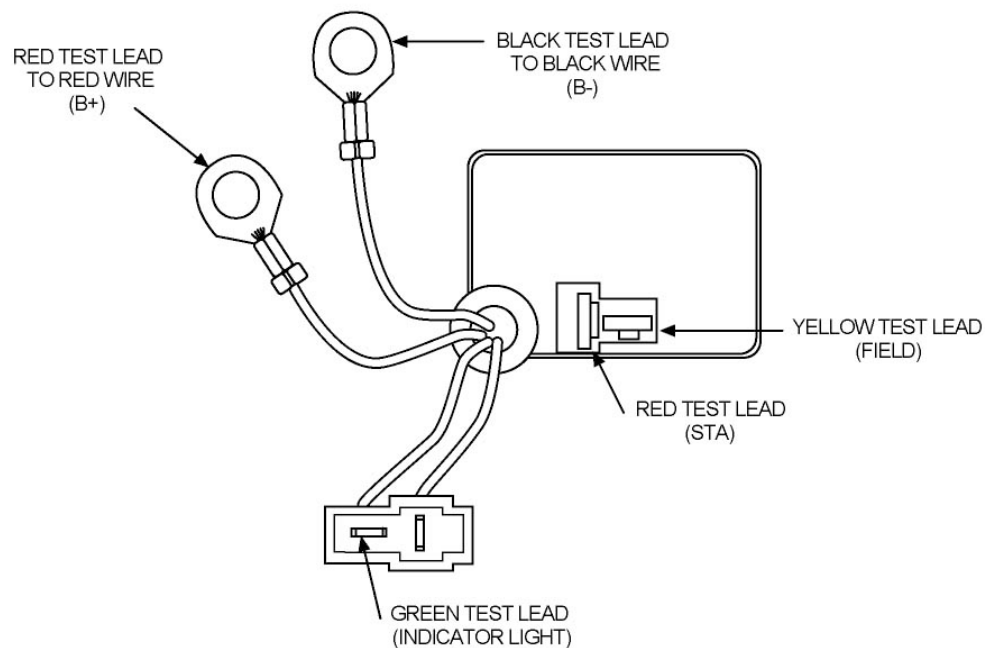
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH605	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from the terminal marked "STA". Warning light will turn on and meter should set point voltage.

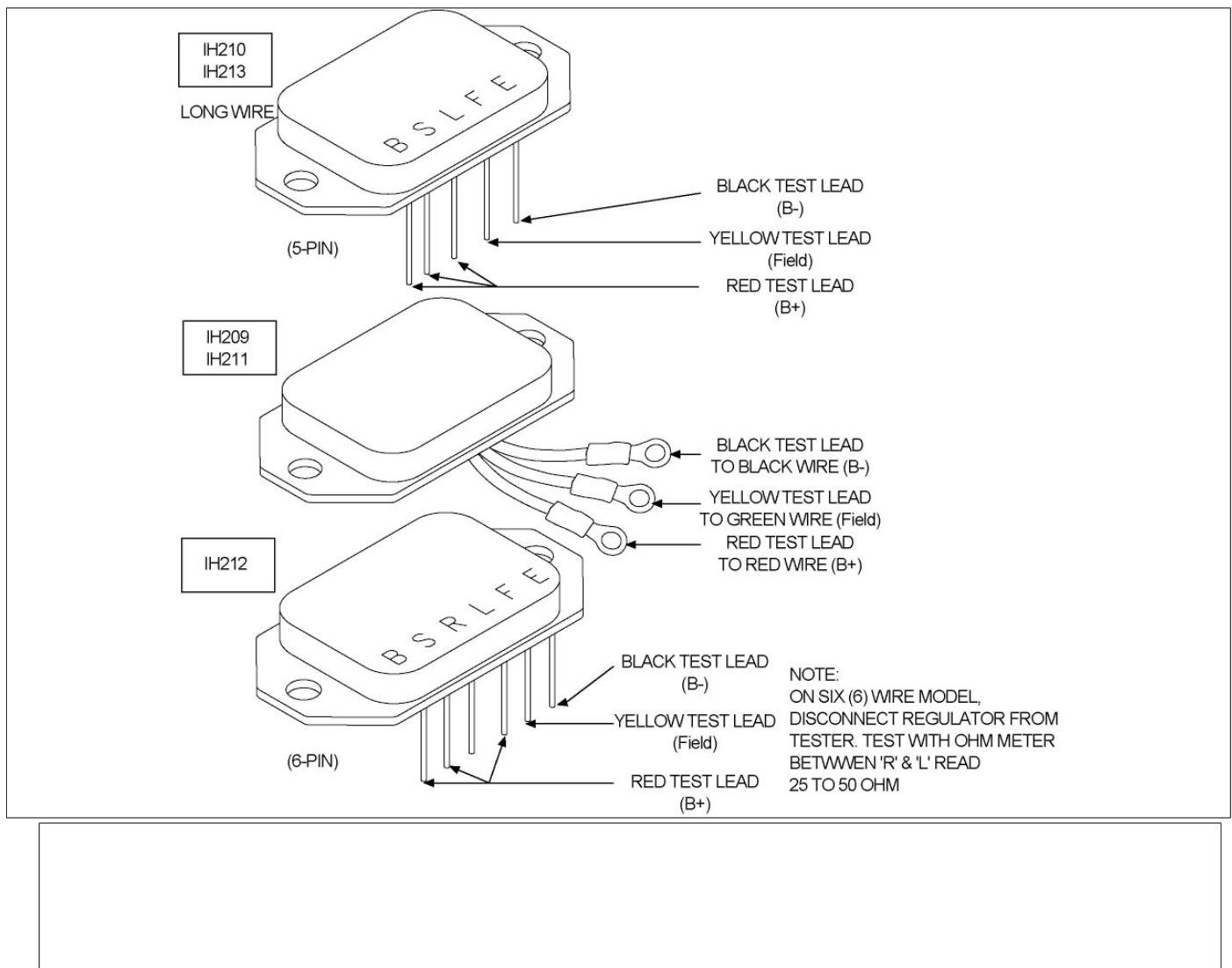


# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH209	A	12	14.7	IH212	A	12	14.3
IH210	A	12	14.3	IH213	A	12	14.3
IH210HD	A	12	14.2				
IH211	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

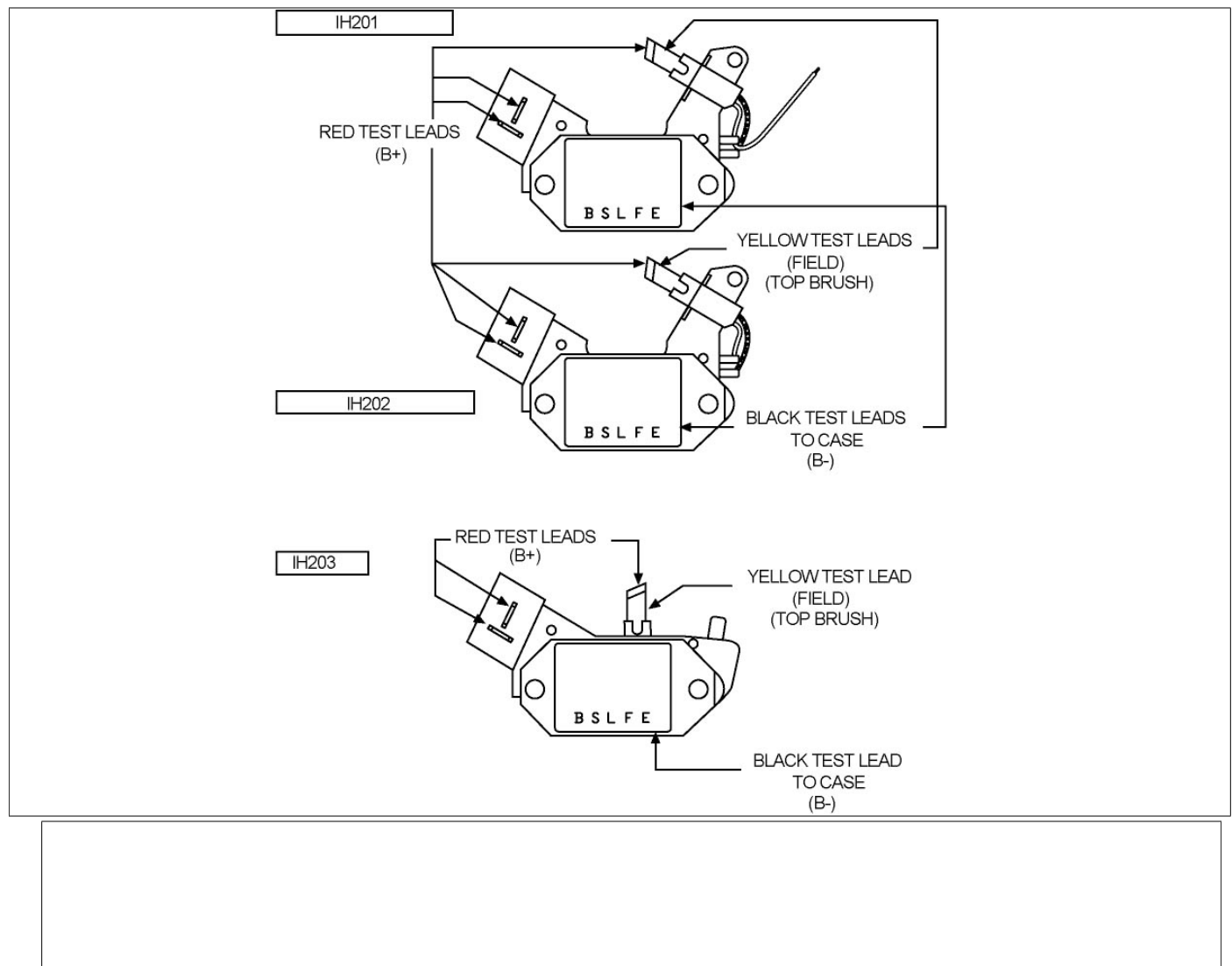


# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH201	A	12	14.3				
IH202	A	12	14.3				
IH203	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

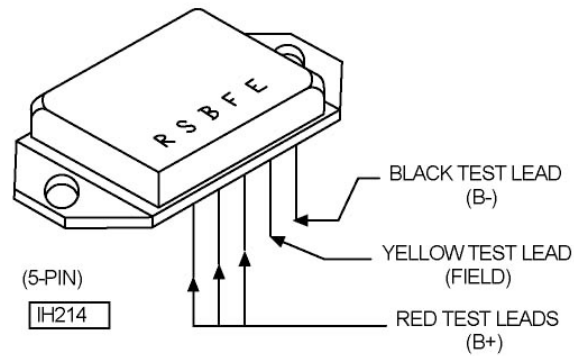
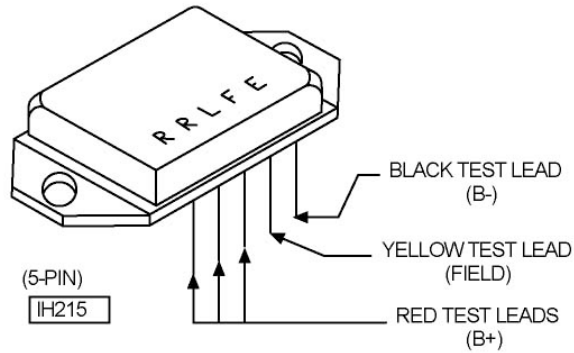


# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH214	A	12	14.4				
IH215	A	12	14.2				
IH707	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

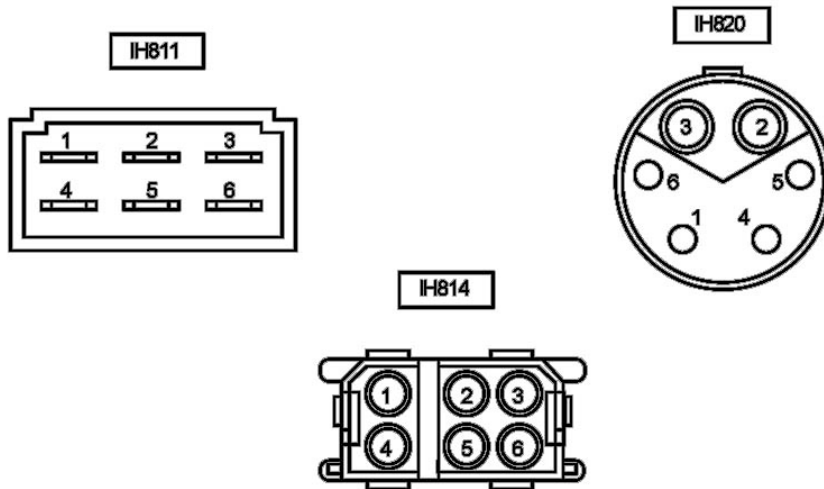
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH811	B	12	14.3				
IH814	B	12	14.3				
IH820	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove test lead from terminal marked "STA" Indicator light should turn on and the meter will still indicate the set point voltage.



**\* NOTES:**

- 1 - RED TEST LEAD (STA)
- 2 - RED TEST LEAD (B+)
- 3 - GREEN TEST LEAD (IL)
- 4 - BLACK TEST LEAD (B-)
- 5 - YELLOW TEST LEAD (FLD)
- 6 - RED TEST LEAD (IGN)

# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

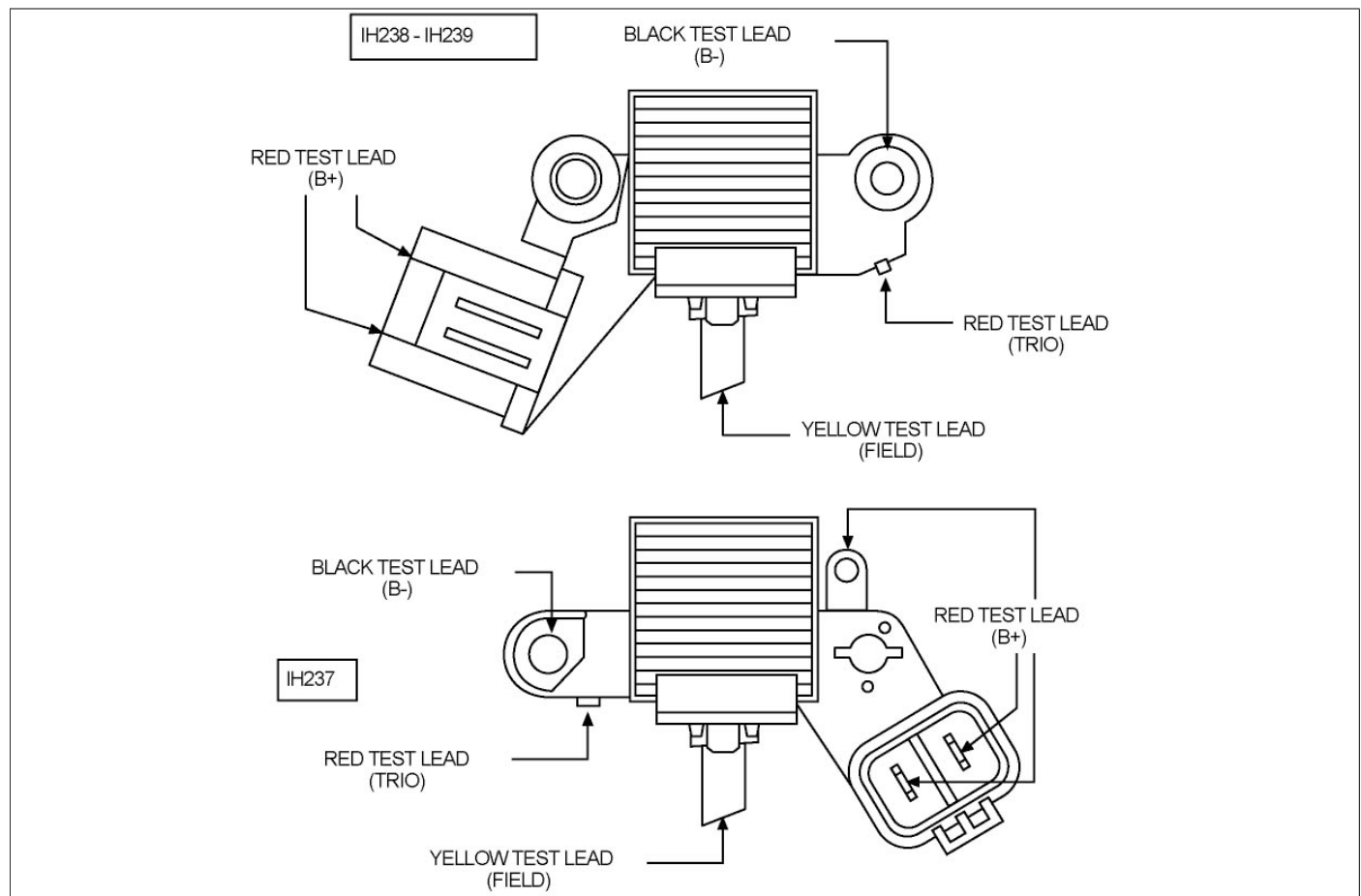
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH237	A	12	14.6				
IH238	A	12	14.6				
IH239	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

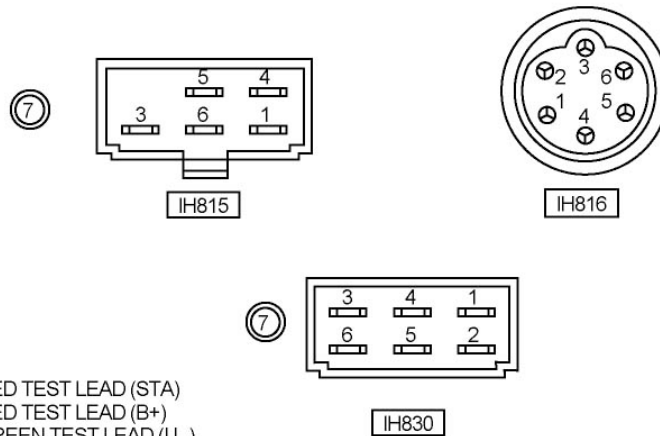
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH833	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove test lead from terminal marked "STA". Indicator light should turn on and the meter will still indicate the set point voltage.



#### NOTES:

- 1 - RED TEST LEAD (STA)
- 2 - RED TEST LEAD (B+)
- 3 - GREEN TEST LEAD (I.L.)
- 4 - BLACK TEST LEAD (B-)
- 5 - YELLOW TEST LEAD (FLD)
- 6 - RED TEST LEAD (IGN)
- 7 - NO CONNECTION

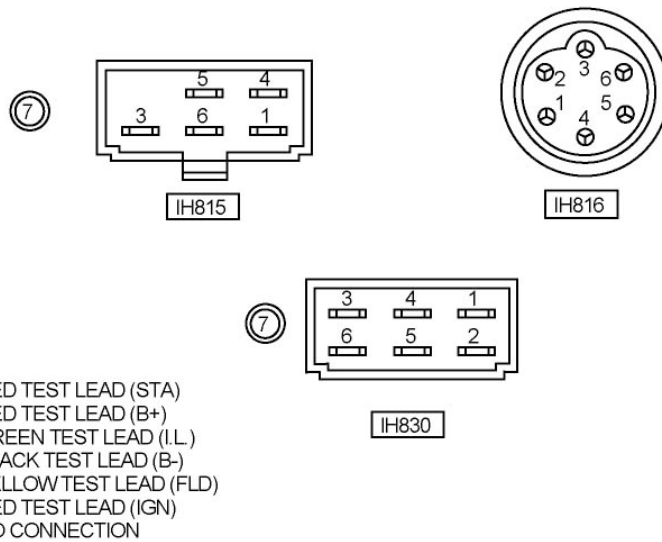


# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH815	B	12	14.3				
IH816	B	12	14.3				
IH830	B	12	14.3				

- POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- Amendments or Additional Tests:**  
Remove test lead from terminal marked "STA" Indicator light should turn on and the meter will still indicate the set point voltage.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

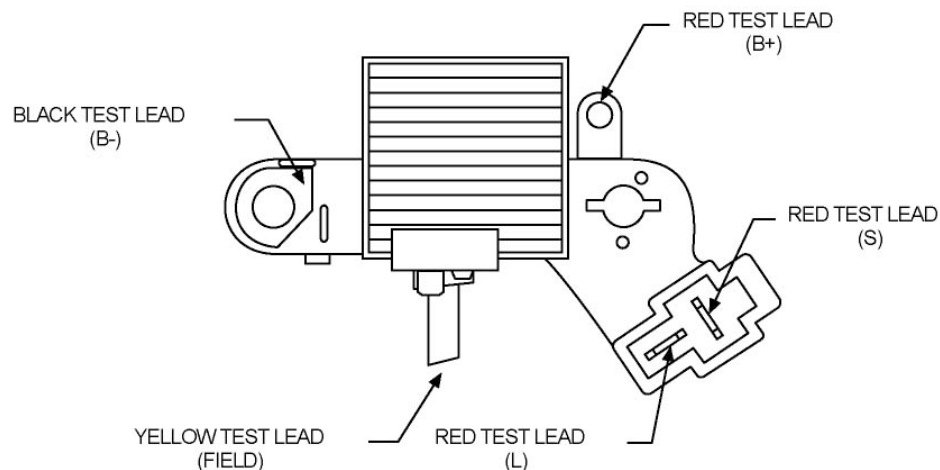
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH240	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S" Field lamp should still blink and the meter will indicate approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

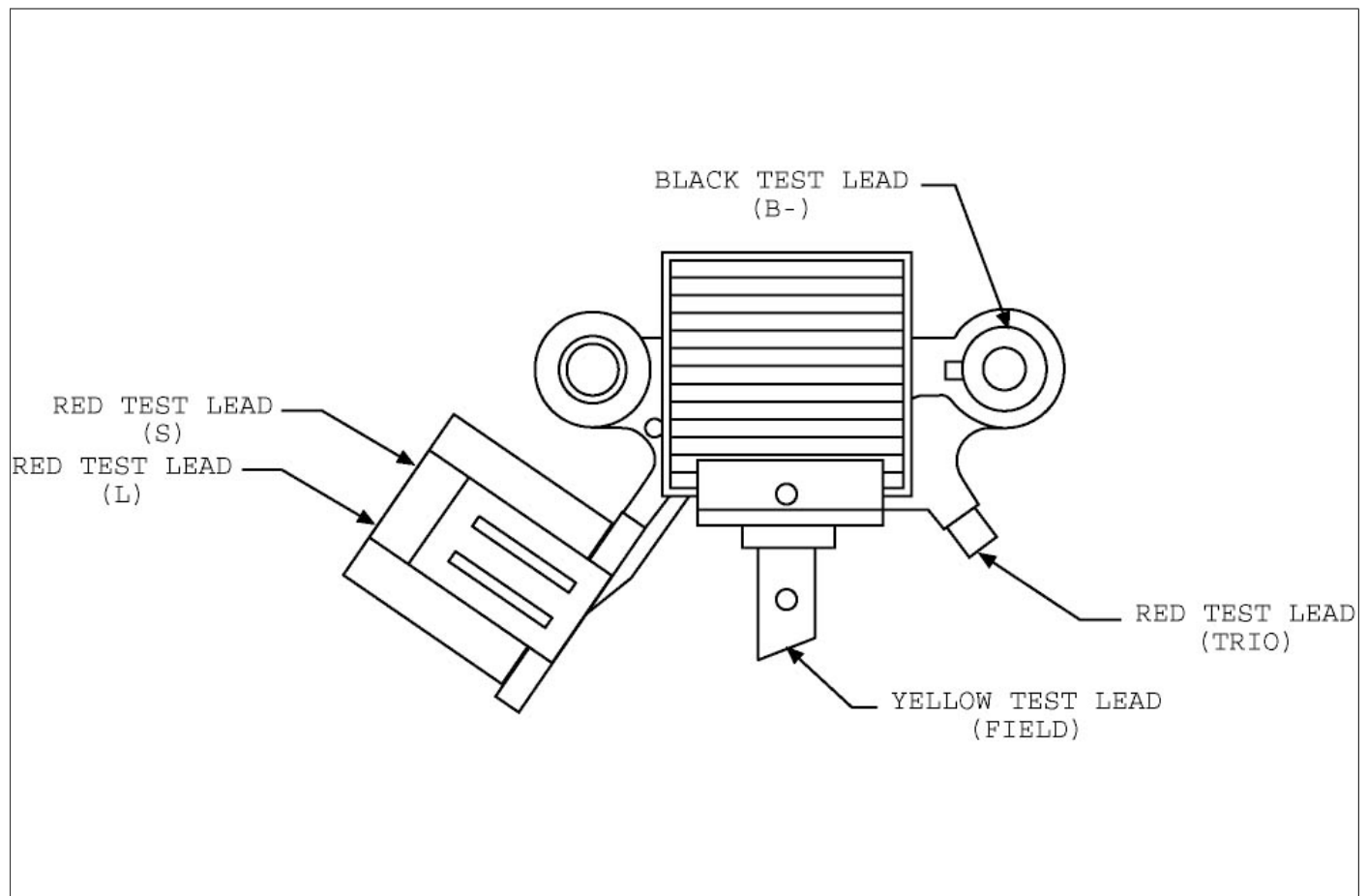
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH245	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal "S" Field lamp should still blink and the meter will indicate approximately 15.5 V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

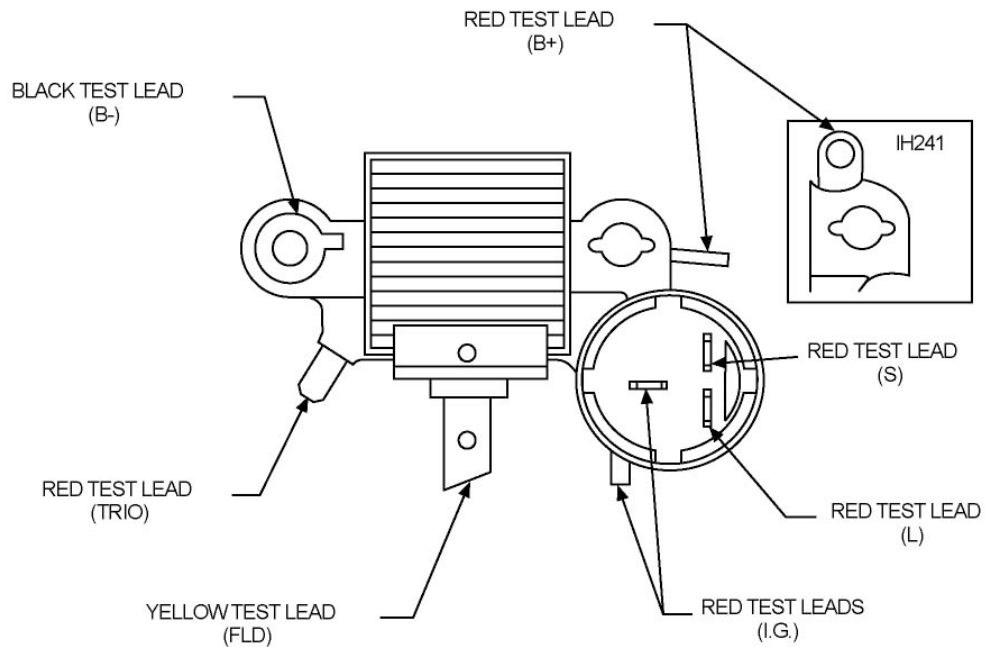
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH241	A	12	14.6				
IH244	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

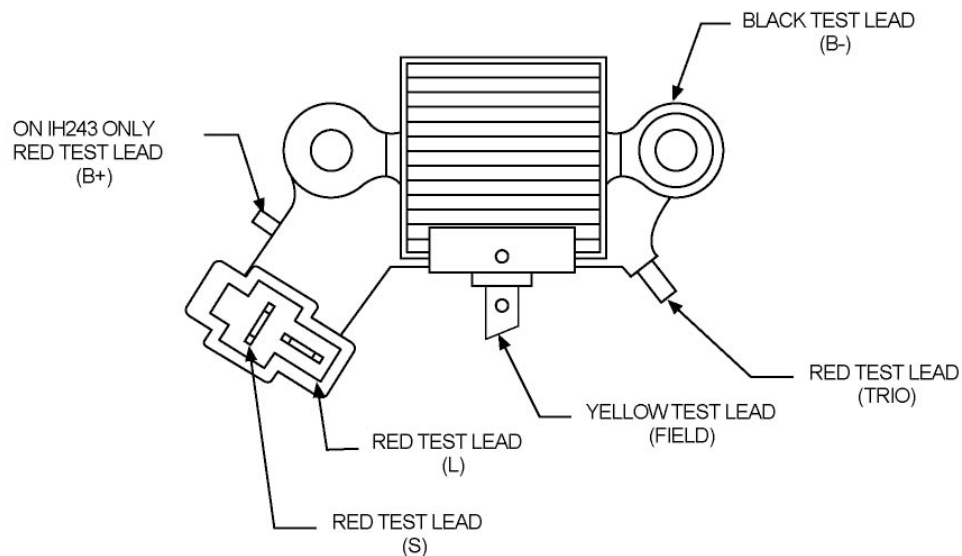
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH243	A	12	14.6				
IH246	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

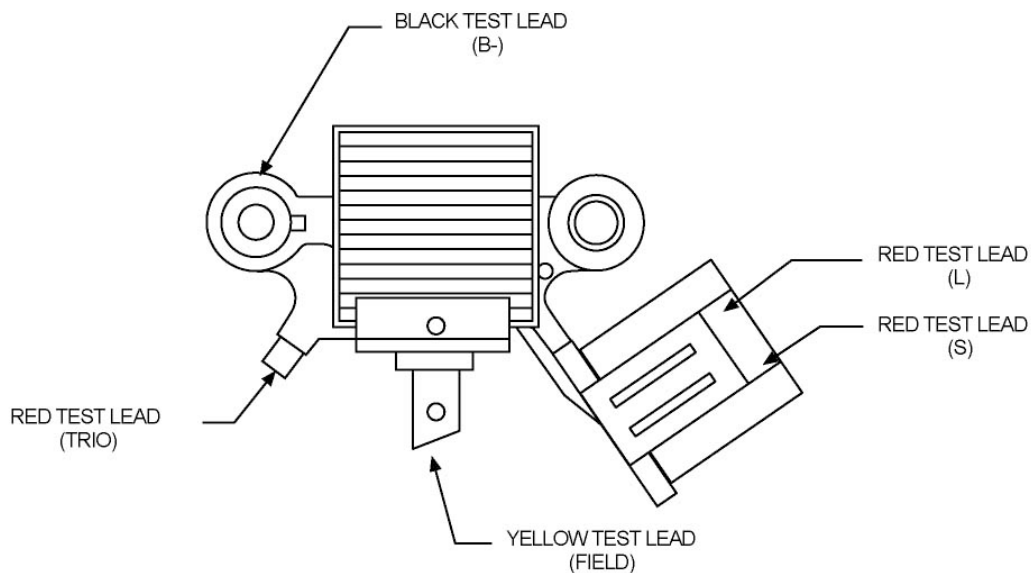
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH242	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH247	A	12	14.4				

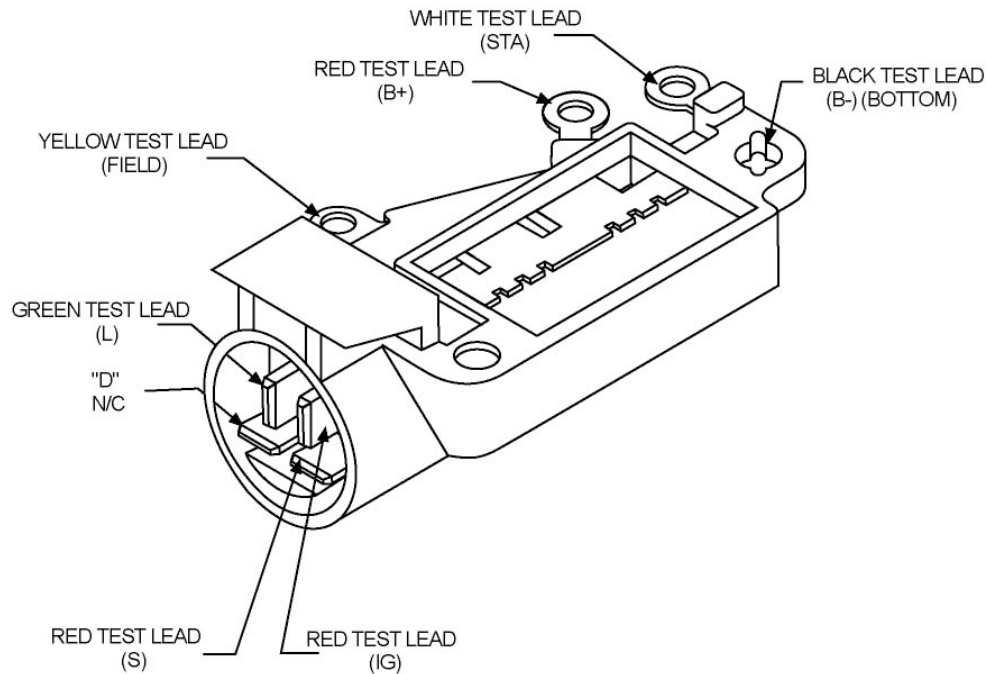
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "STA". Indicator light should turn on, field lamp will remain on and meter will indicate approximately 12V. Remove red test lead from terminal marked "IG". Field lamp should turn off.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

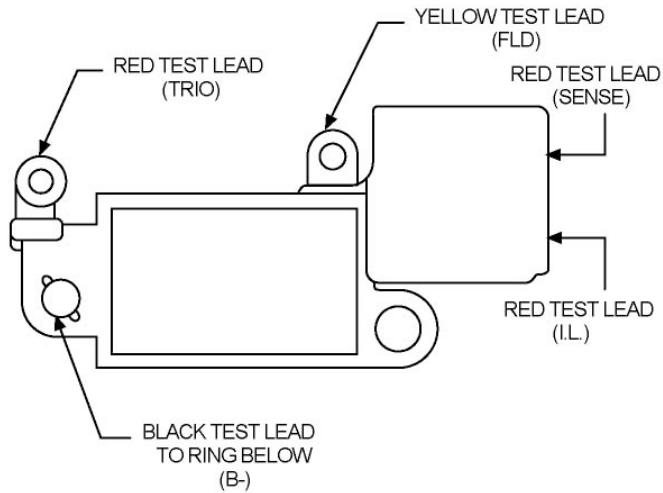
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH248	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.





# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

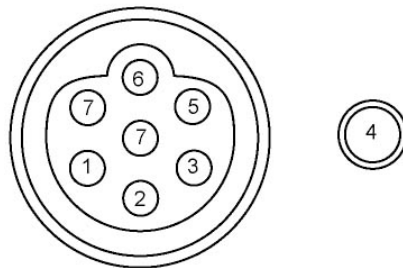
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH832	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove black test lead from terminal marked "STA". Indicator lamp should turn on and the meter will still indicate the set point voltage.



**NOTES:**

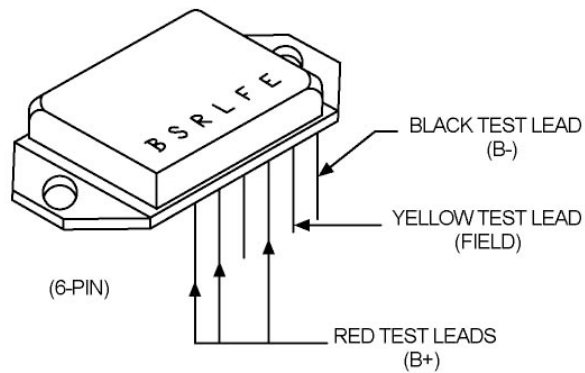
- 1 - RED TEST LEAD (IGN)
- 2 - BLACK TEST LEAD (STA)
- 3 - YELLOW TEST LEAD (FIELD)
- 4 - BLACK TEST LEAD (B-)
- 5 - GREEN TEST LEAD (I.L.)
- 6 - RED TEST LEAD (B+)
- 7 - NO CONNECTION

# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH717	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

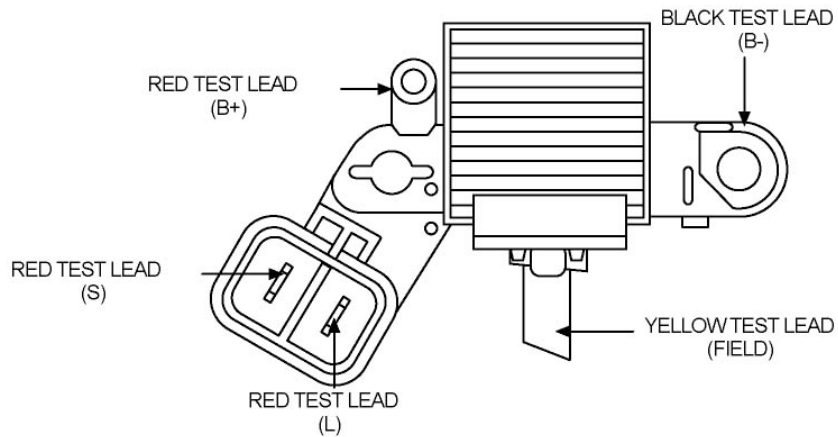
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH250	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 1 volt higher than set point.



## TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

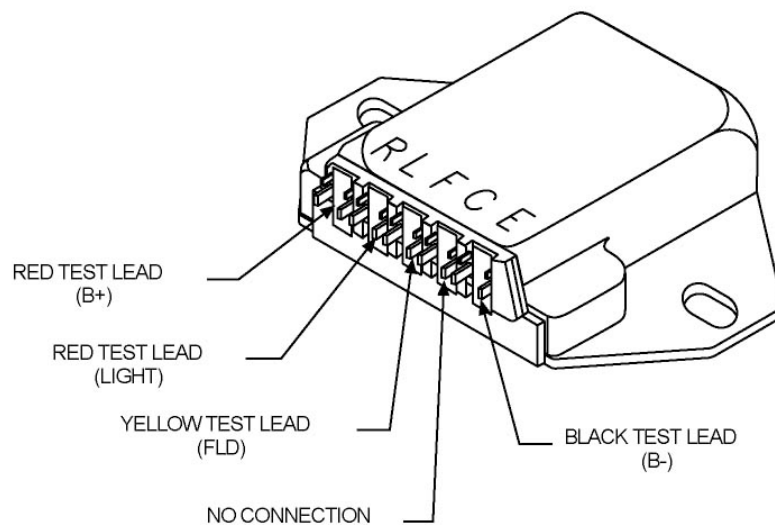
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH708	A	24	28.7				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect a red test lead to the terminal marked "C". The field lamp should still blink and the meter will indicate approximately 26.3 V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

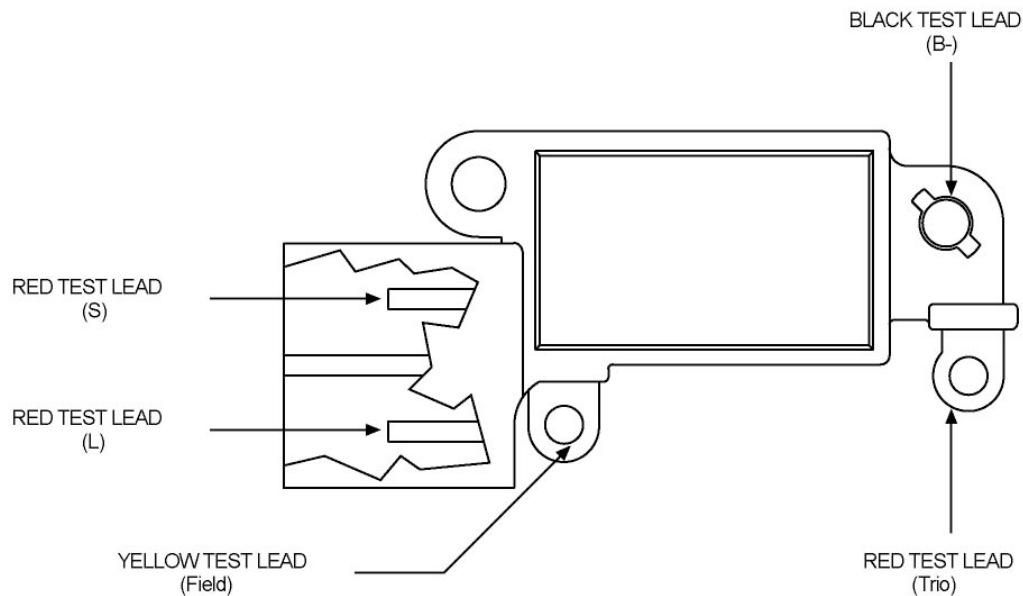
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH760	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Filed lamp should still blink and the meter will indicate approximately 15.5 volts.



# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH761	A	12	14.6				

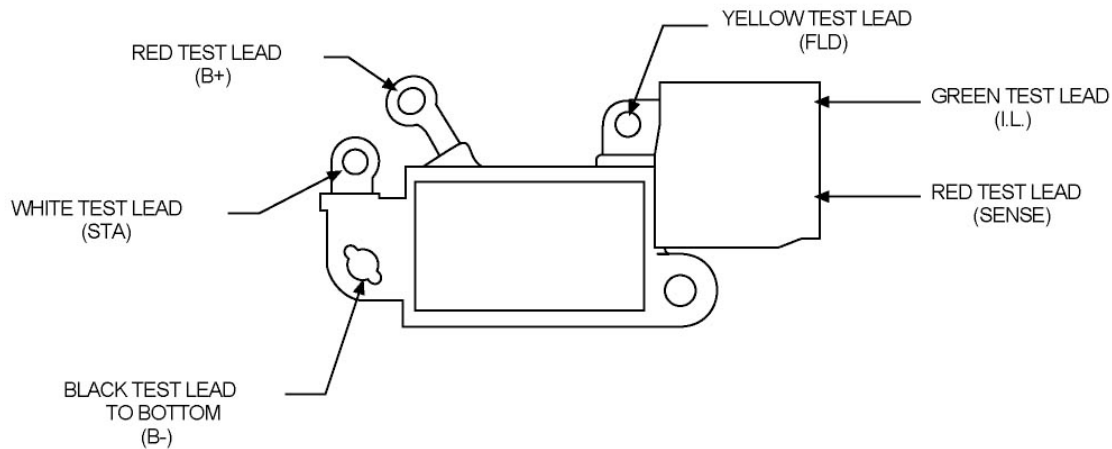
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "Stator". 12V lamp should illuminate and the meter will indicate approximately 12.0 V.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

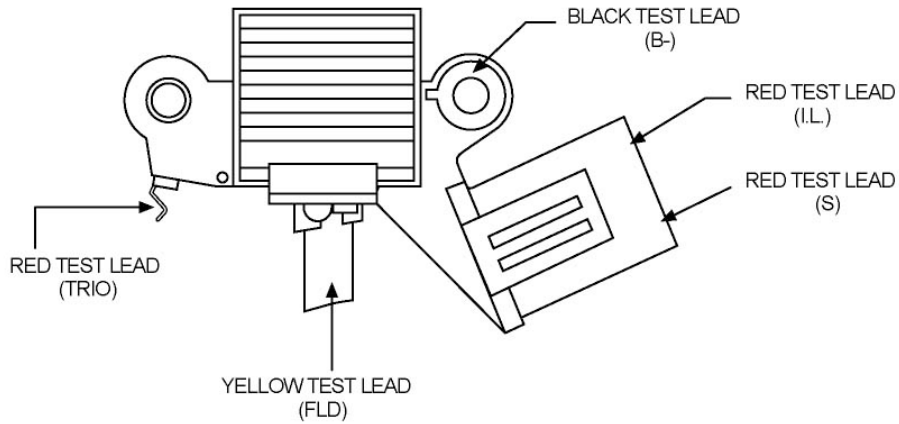
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH249	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should blink and the meter will indicate approximately 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

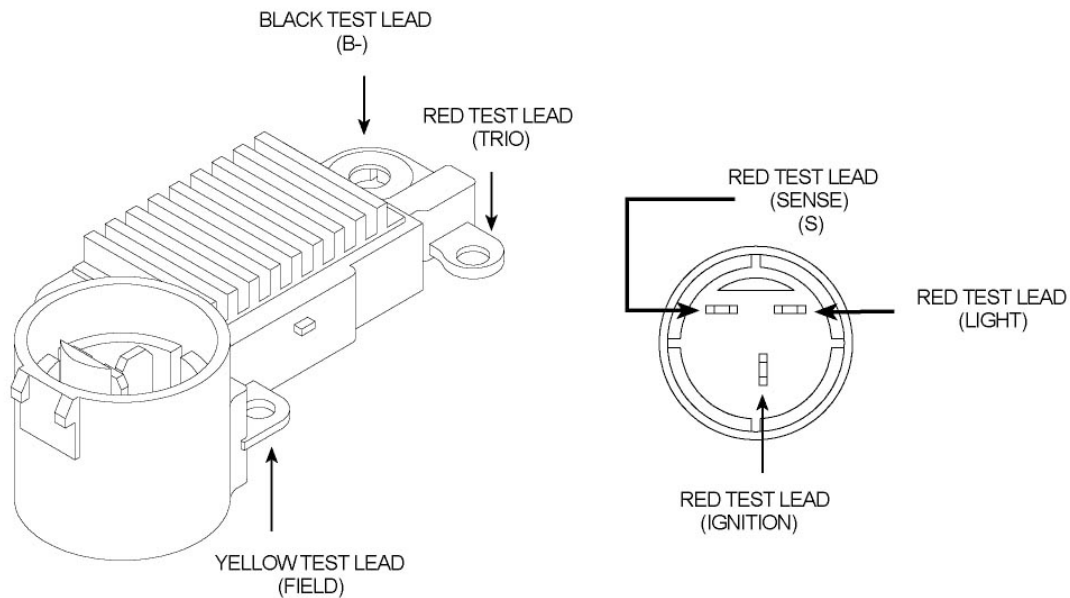
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH251	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should blink and the meter will indicate approximately 15.5V.



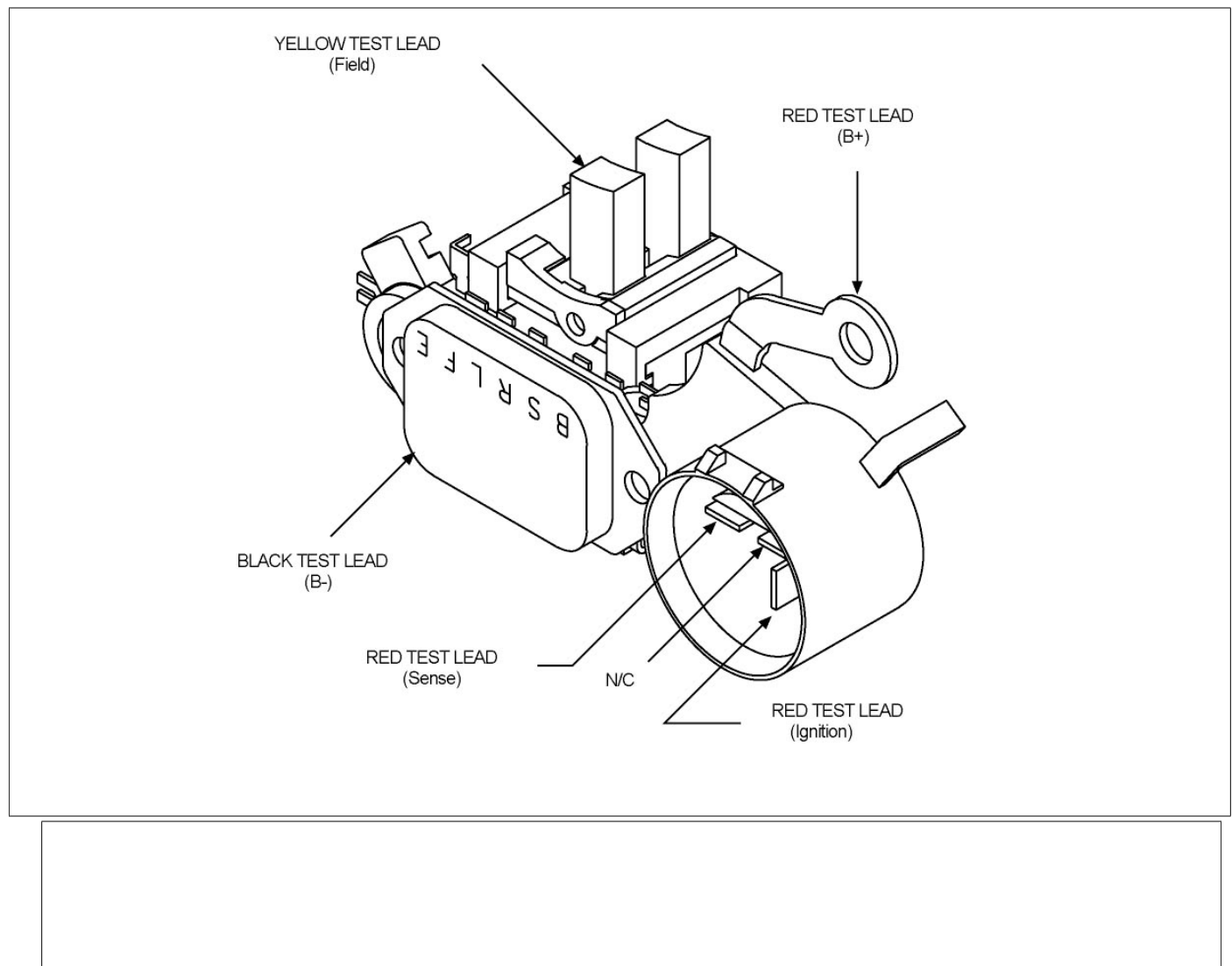


# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH252	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove sense. Voltage goes to 15.6V and field light stays on.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH762	A	12	14.4				

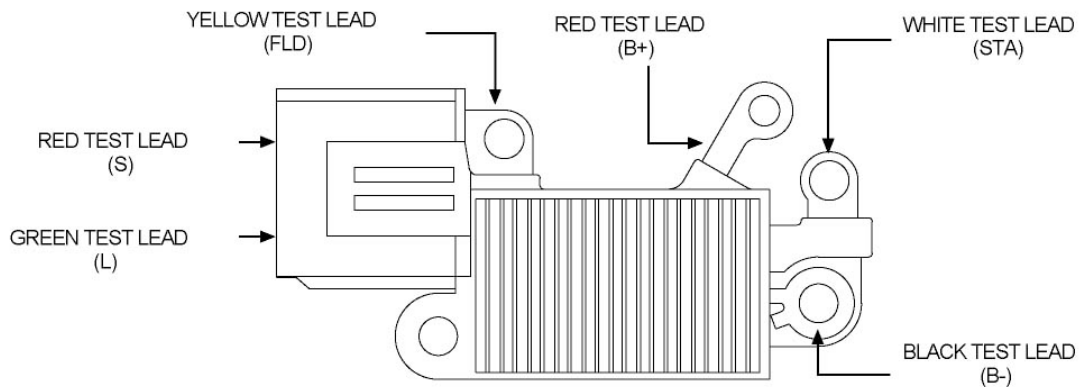
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "STA". Field lamp will remain fully on and the meter should indicate 12V.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH765	A	12	14.3				
IH767	A	12	14.3				

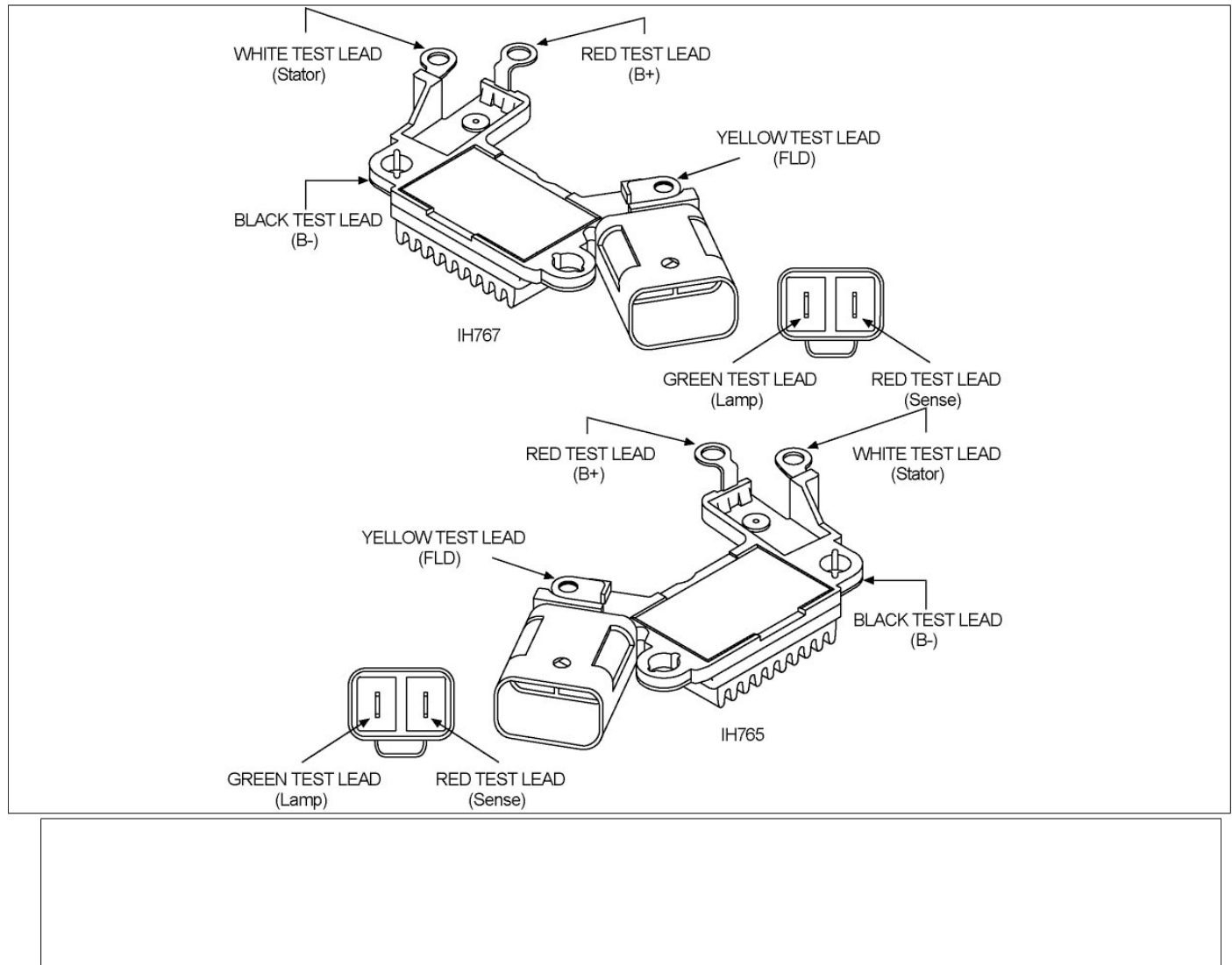
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "Stator". 12V lamp should illuminate and the meter will indicate approximately 12 volts.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

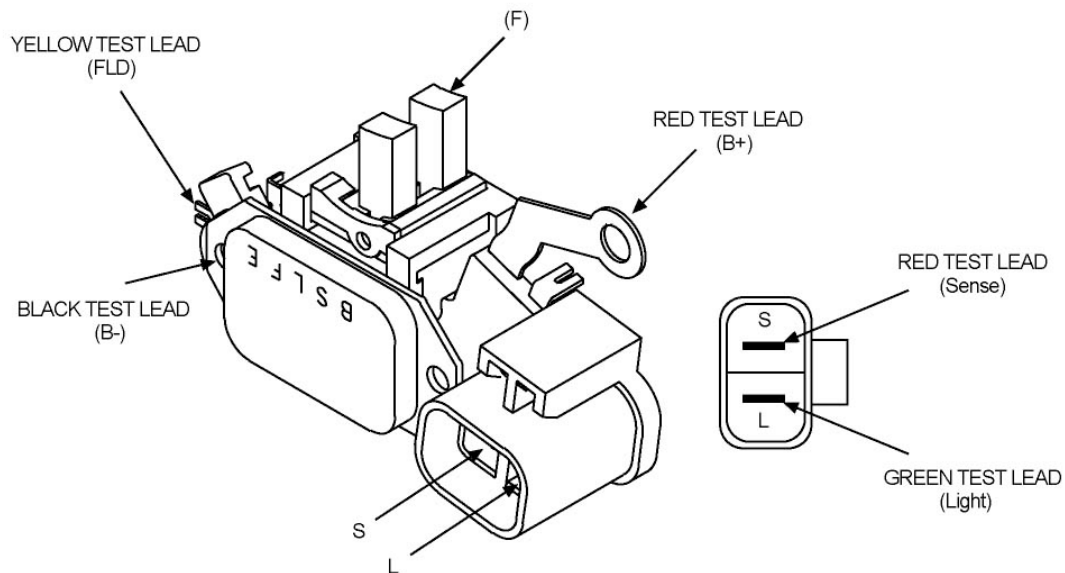


# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH205	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove (Red) Sense lead, voltage should go to 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

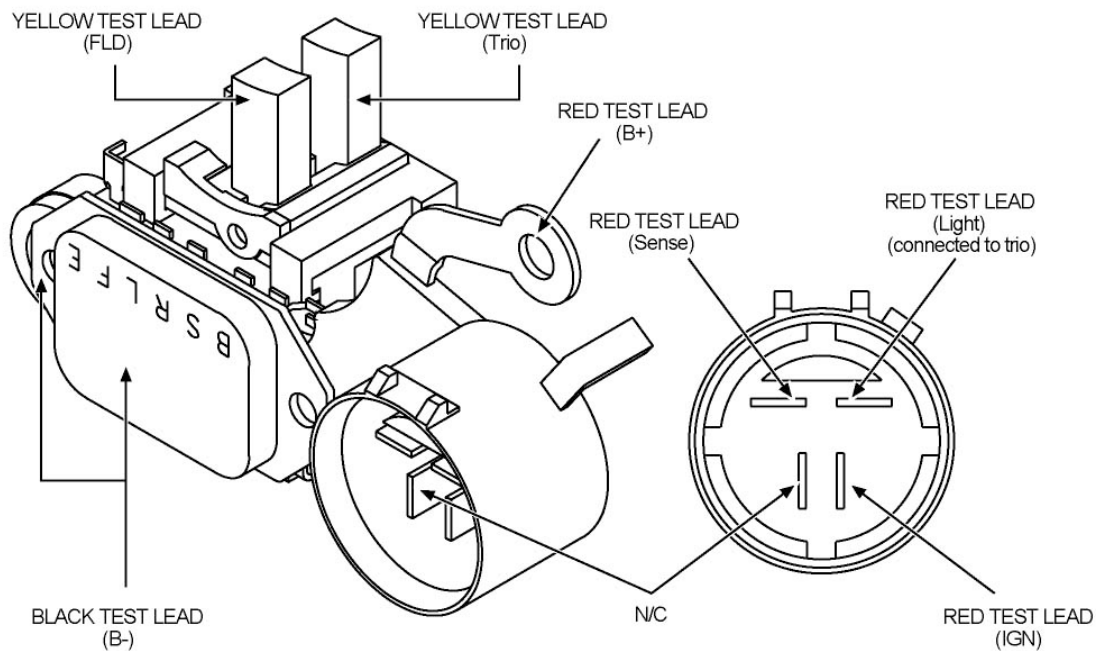
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH254	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove (Red) lead from sense , Field lamp will stay on, voltage will rise between 15.5V and 15.9V.



# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH766	A	12	14.3				

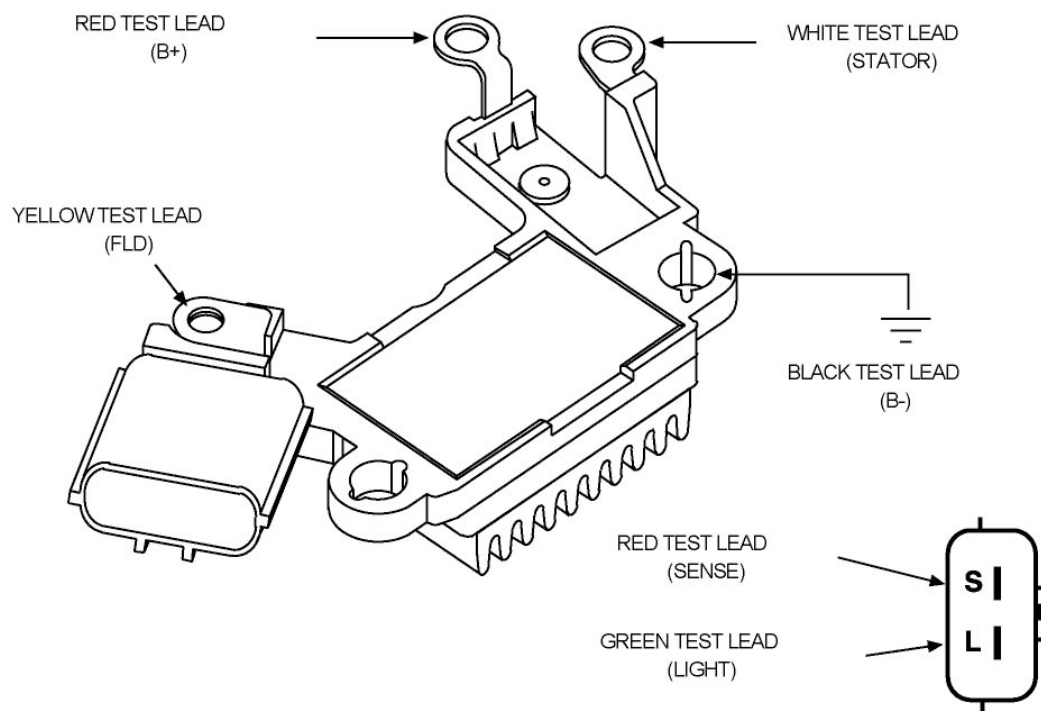
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect "S", Voltage stays the same , 12V lamp comes on and field lamp continues to be on and field lamp continues to be on.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

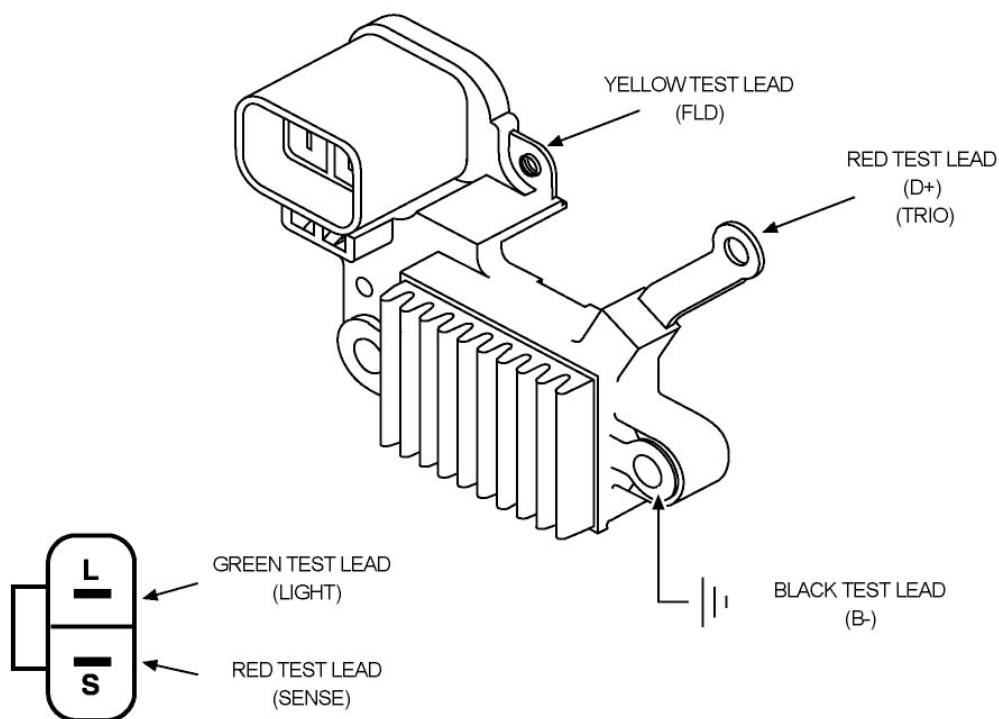


# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH770	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect "S", voltage goes to approximately 15.2V Field lamp stays on.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

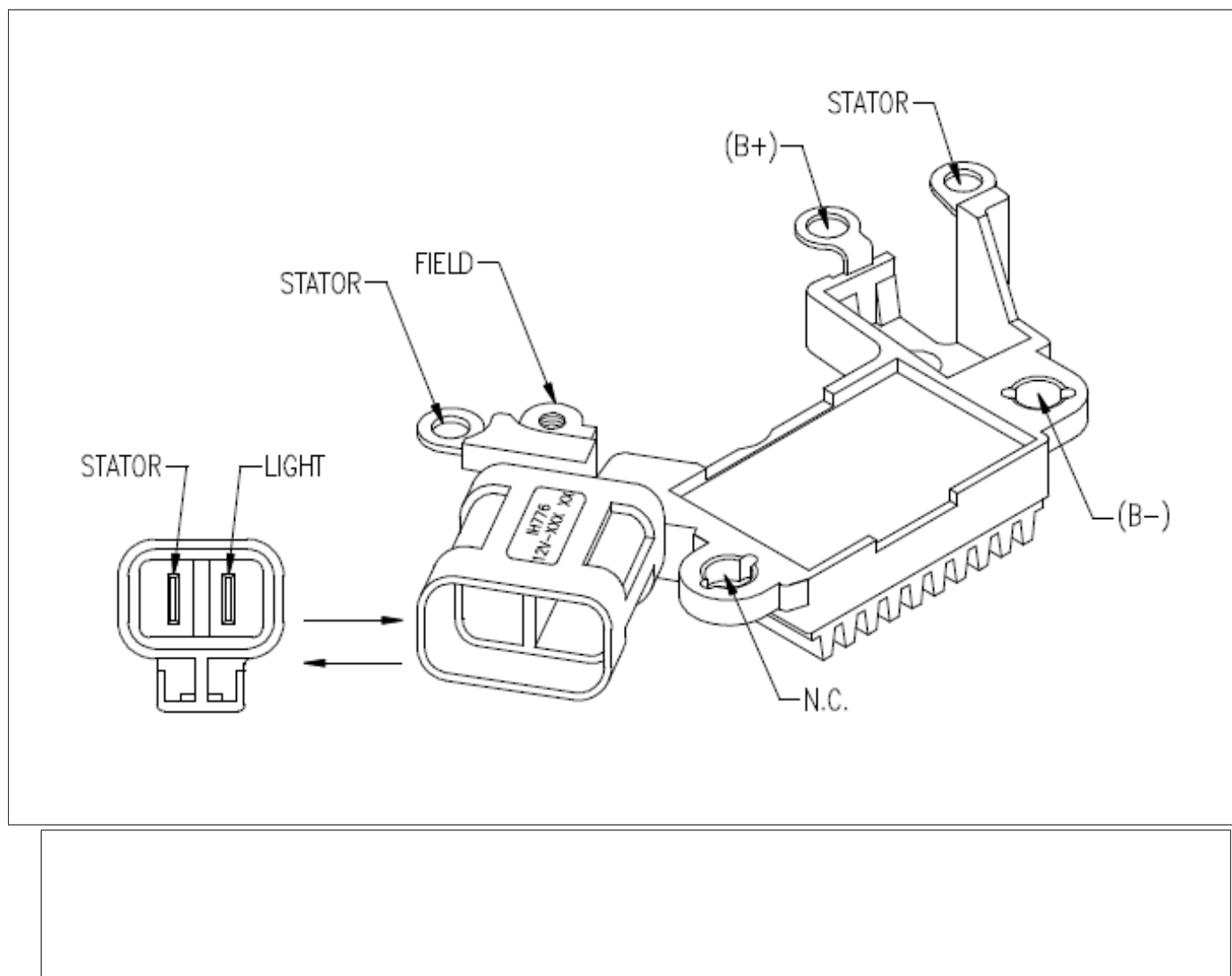
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH776	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white lead from stator, field circuit lamp will stay on. 12V lamp will come on and voltage will drop to 12V. To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.





# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH782	A	12	14.3				
T6782	A	12	14.3				

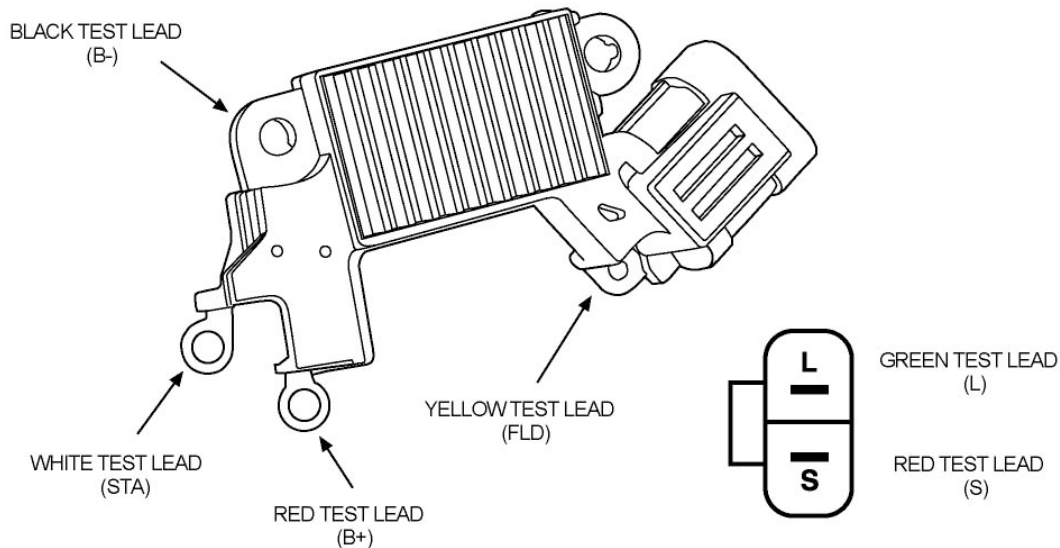
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect (white ) lead from stator, voltage drops to 12V and lamp comes on. Disconnect (Red) lead from sense, lamp comes on and rises to 15.5V.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH763	A	12	14.2				

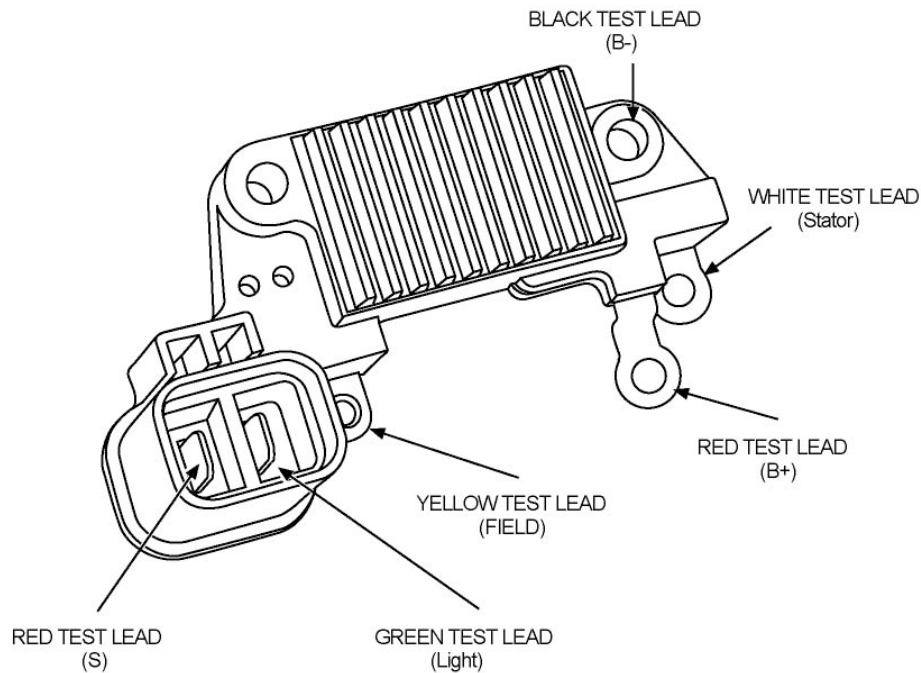
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red lead from terminal marked "S" and voltage will rise to approximately 15.5V. Remove stator and lamp comes on and voltage drops to 12V.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH772	A	12	14.3				

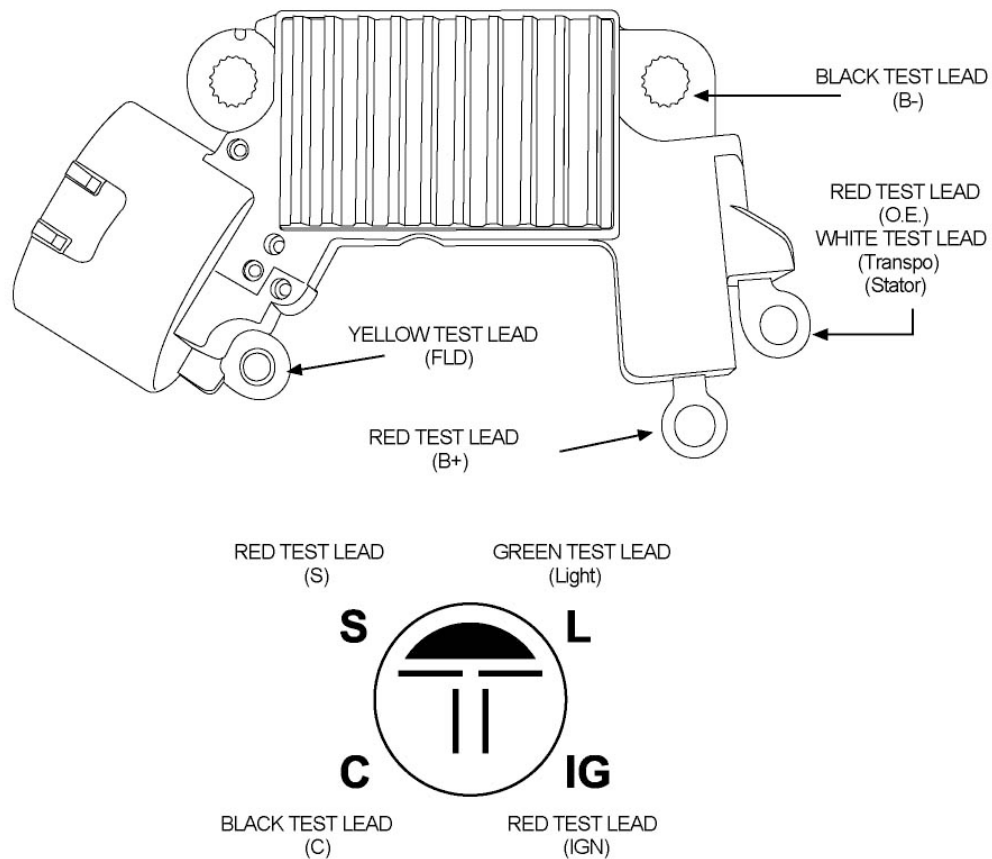
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove stator and lamp comes on. Apply ground to "C" Terminal and voltage will drop to 12.5 volts.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.

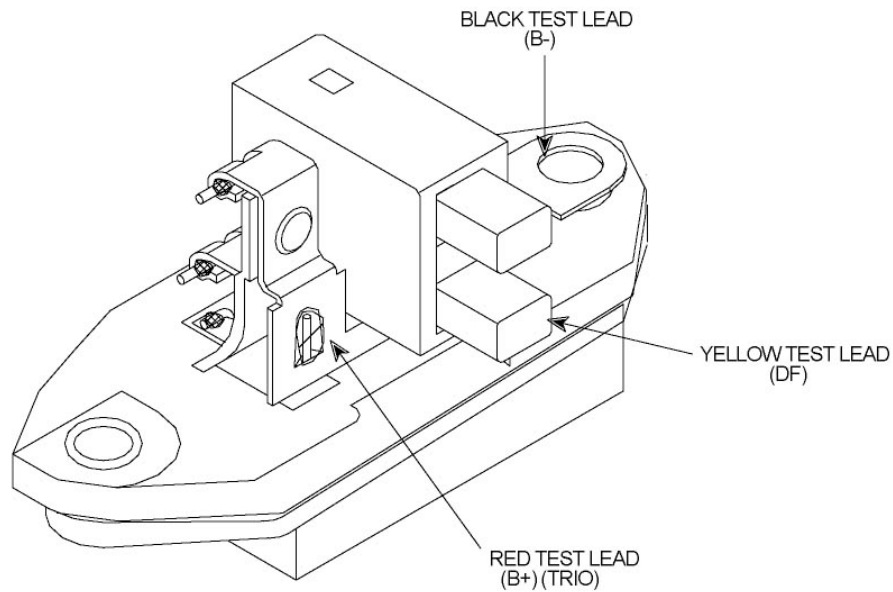


# TRANSPO TESTER INSTRUCTIONS

for ISKRA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IK404	A	24	28.0				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

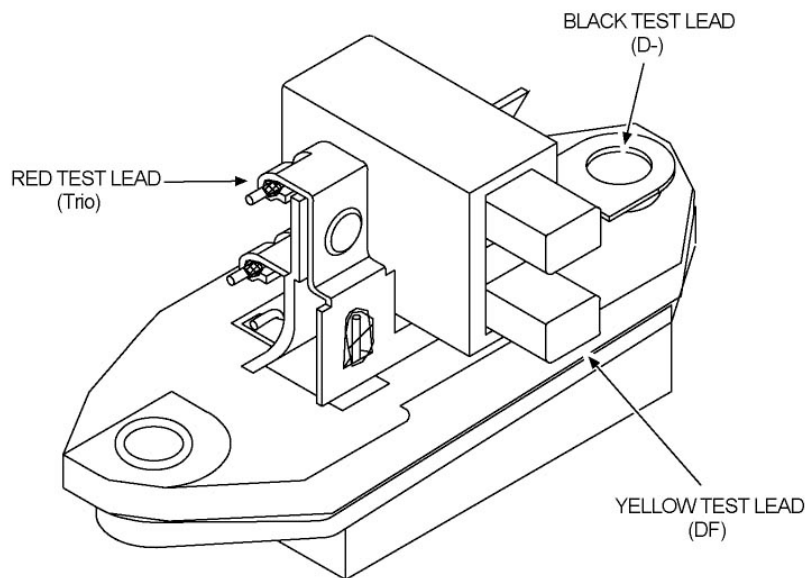


# TRANSPO TESTER INSTRUCTIONS

for ISKRA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IK401	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

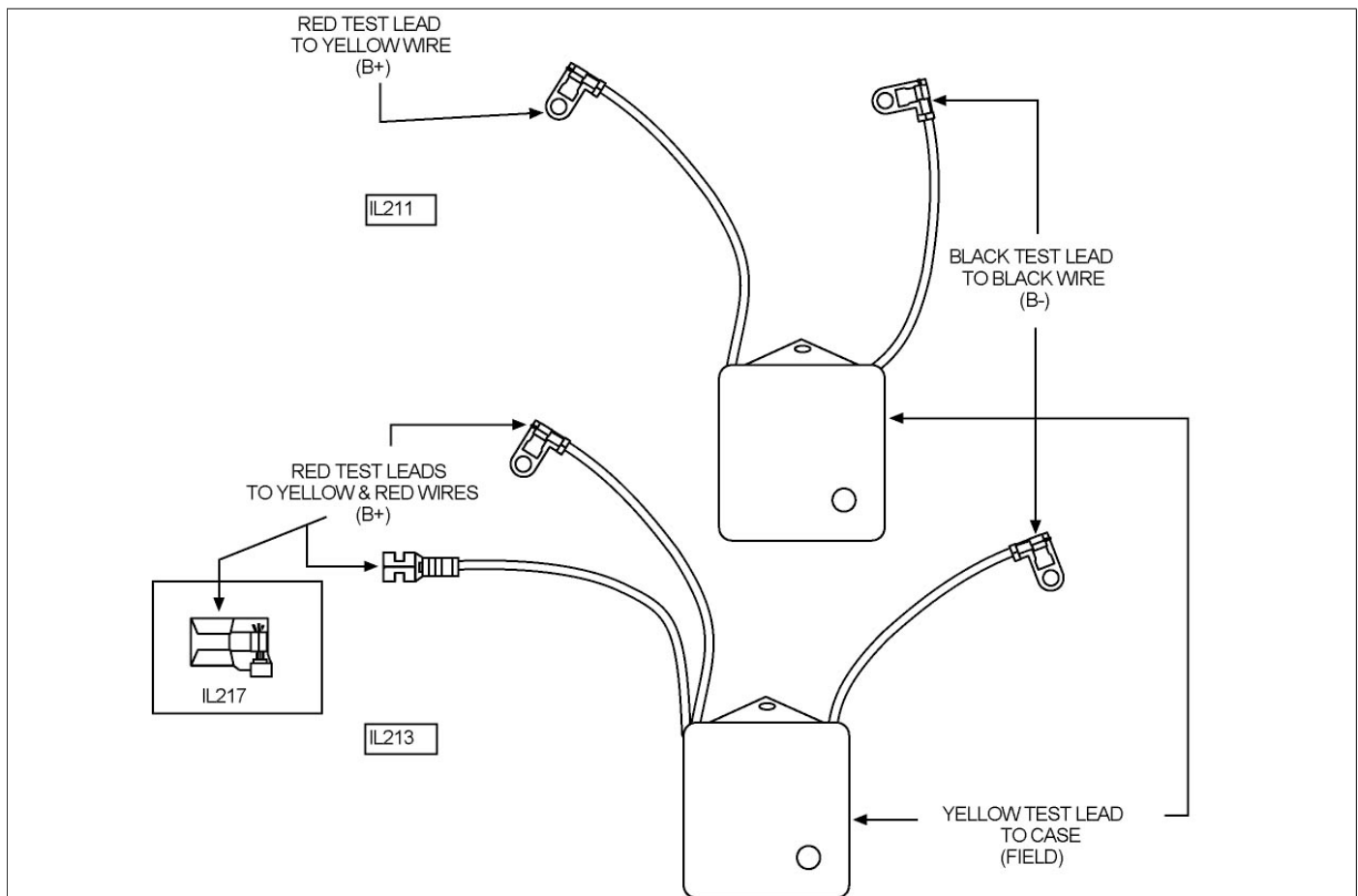


# TRANSPO TESTER INSTRUCTIONS

for LUCAS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL211	A	12	14.2				
IL213	A	12	14.2				
IL217	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

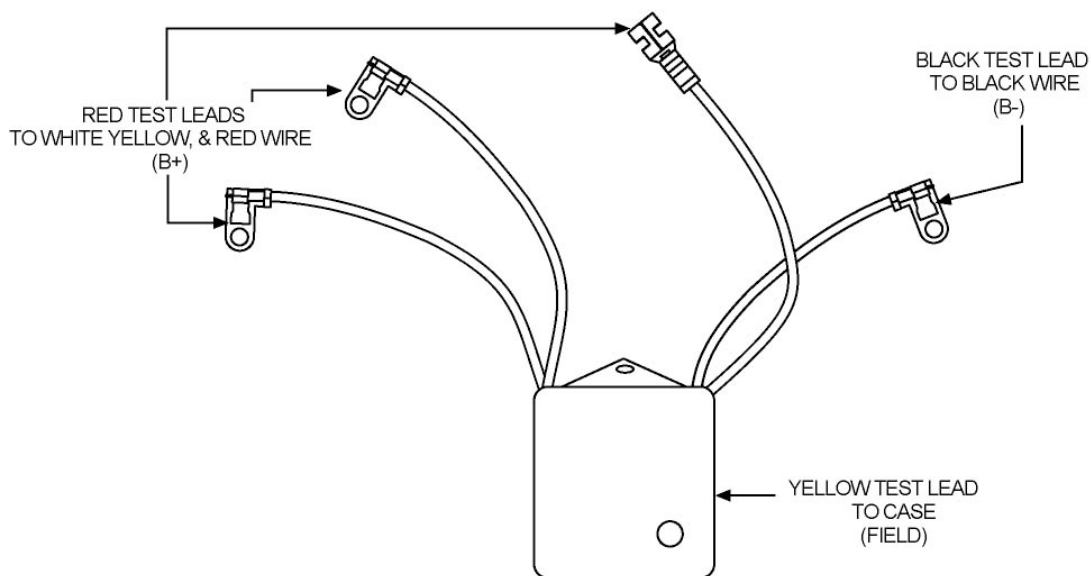


# TRANSCO TESTER INSTRUCTIONS

for LUCAS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL214	A	12	14.2				
IL215	A	12	14.2				
IL216	A	12	14.2				
IL218	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

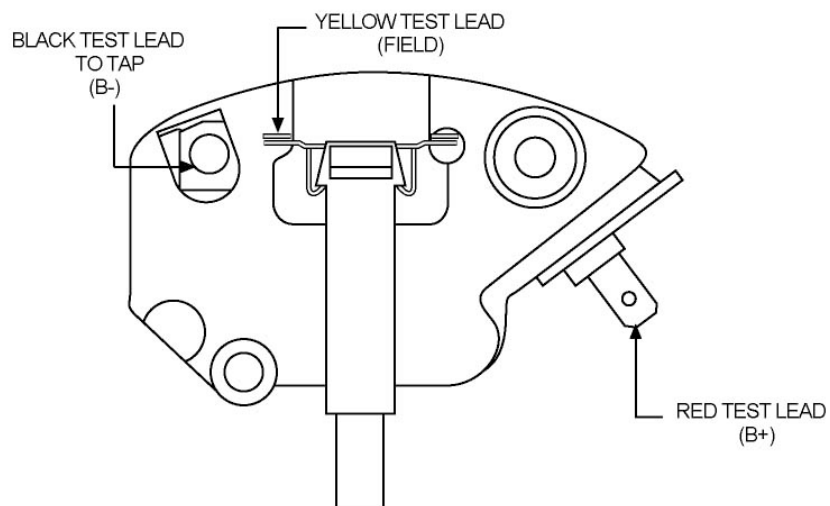


# TRANSPO TESTER INSTRUCTIONS

for LUCAS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL223	A	12	14.3				
IL225	A	24	28.1				
IL223CN-B128	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



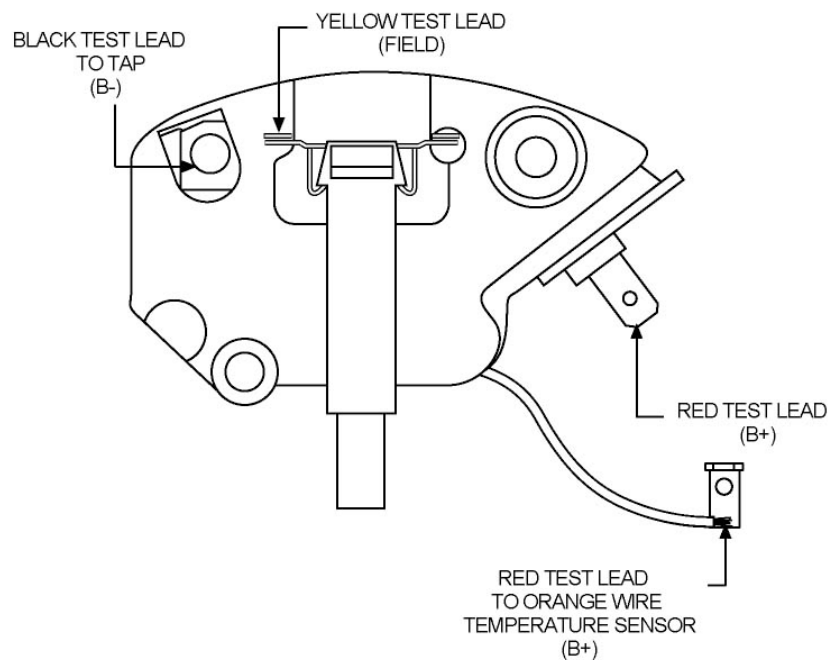


# TRANSPO TESTER INSTRUCTIONS

for LUCAS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL224	A	12	12.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

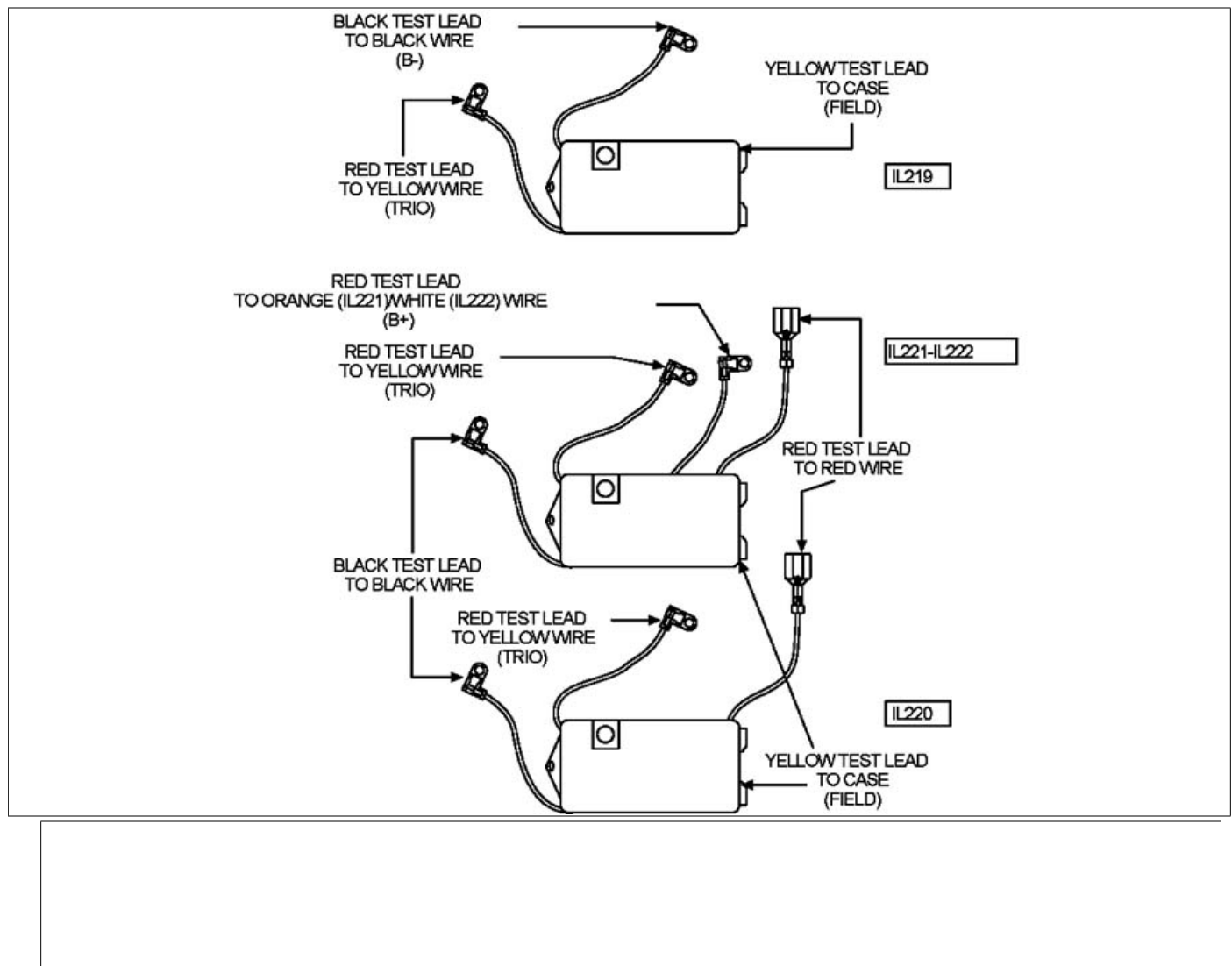


# TRANSPO TESTER INSTRUCTIONS

for LUCAS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL219	A	12	14.3				
IL220	A	12	14.3				
IL221	A	12	12.3				
IL222	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

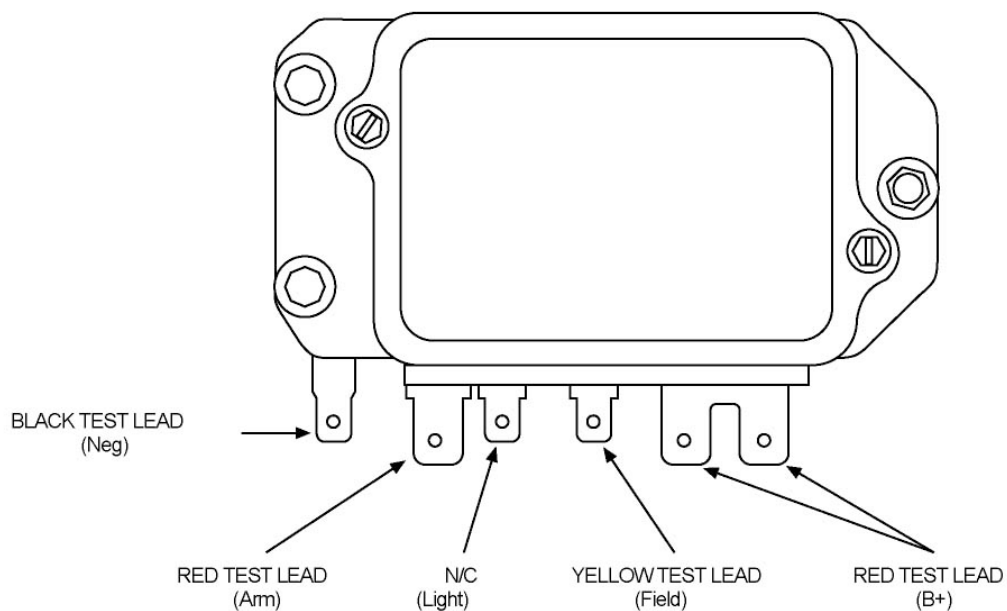


# TRANSCO TESTER INSTRUCTIONS

for LUCAS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL1292	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

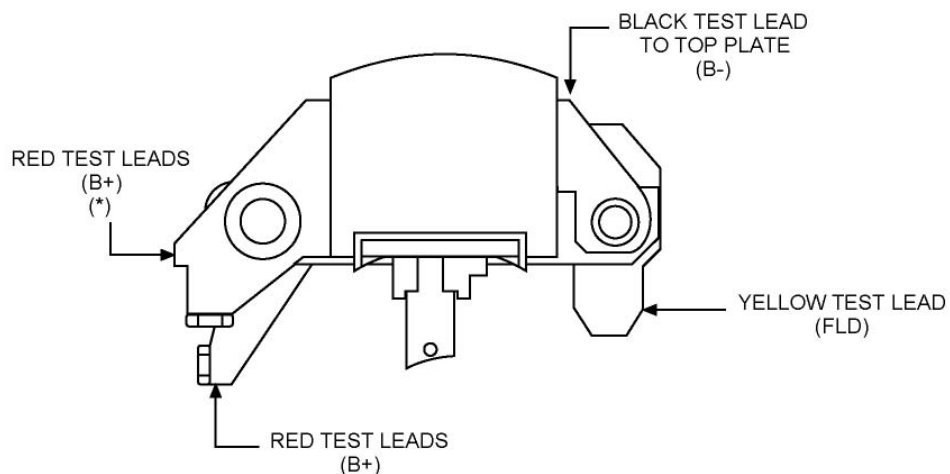
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM204	A	12	14.6				
IM204HD	A	12	14.6				
IM205	A	12	14.6				
IM225	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

On IM225 regulator, remove red test lead from terminal marked "\*". Field lamp should still blink and the meter will indicate approximately 15.4V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

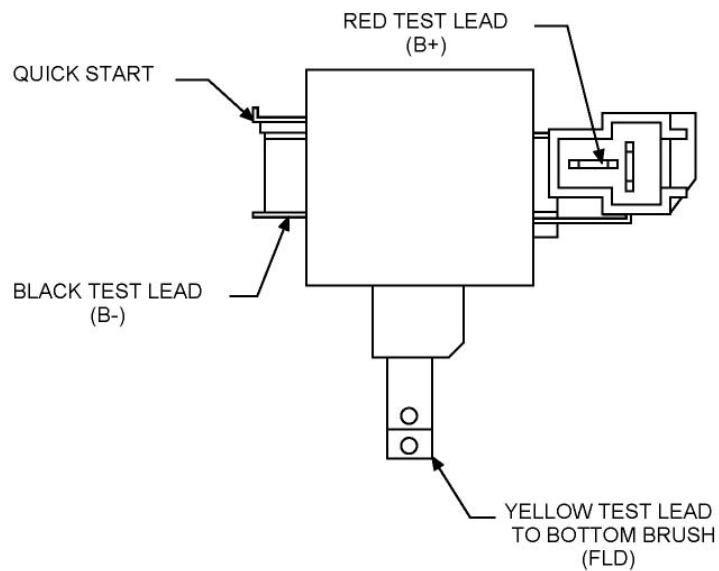
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM224	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect another black test lead to terminal marker "Quick Start". Field lamp should still blink and the meter will indicate approximately 13.0V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

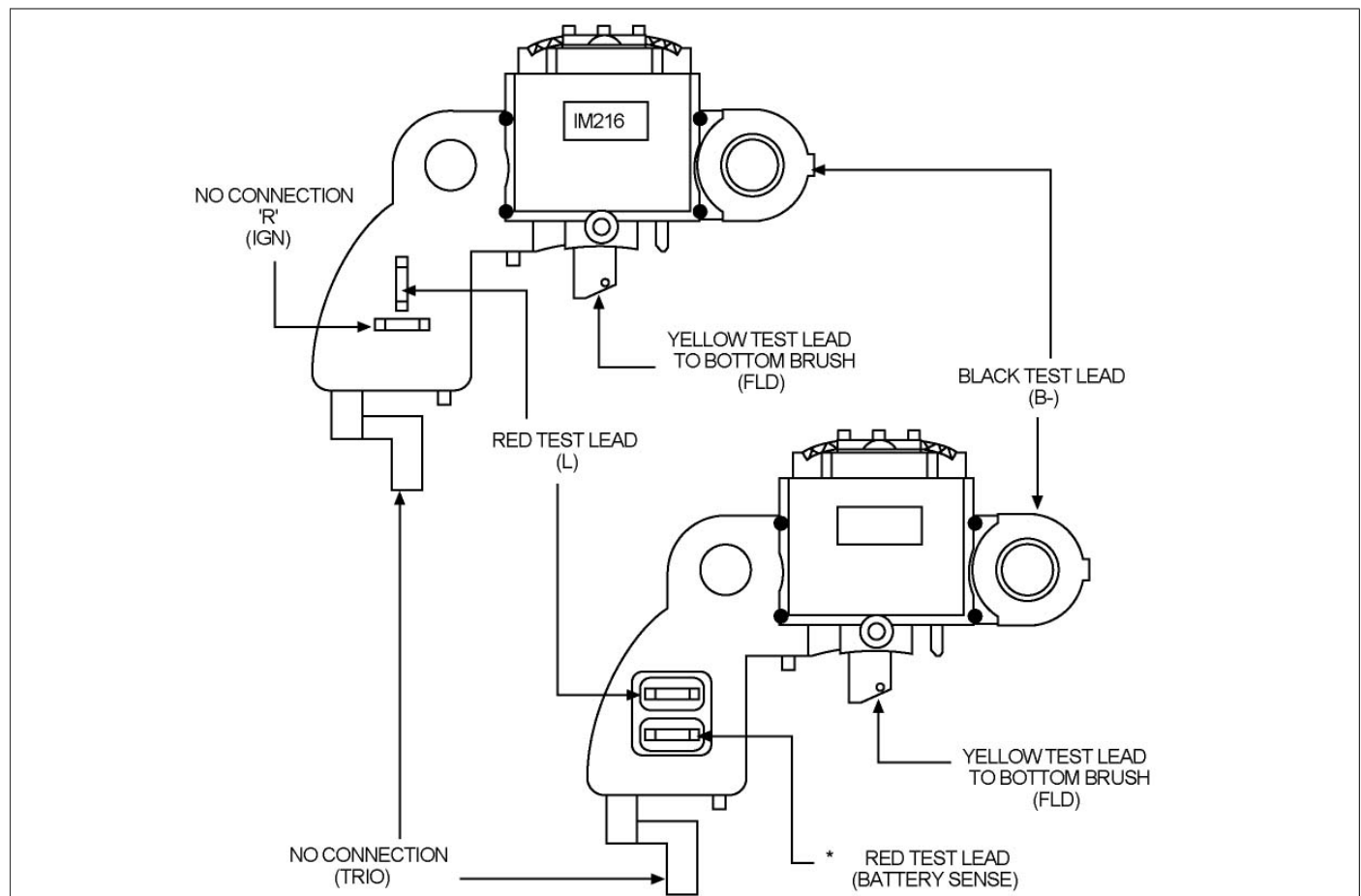
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM216	A	12	14.5	IM217	A	12	14.3
IM216HD	A	12	14.5				
IM289	A	12	14.5				
IM217HD	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

On IM217 Regulator, remove red test lead from terminal marked "\*\*\*". Field lamp should still blink and the meter will indicate approximately 15.4V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

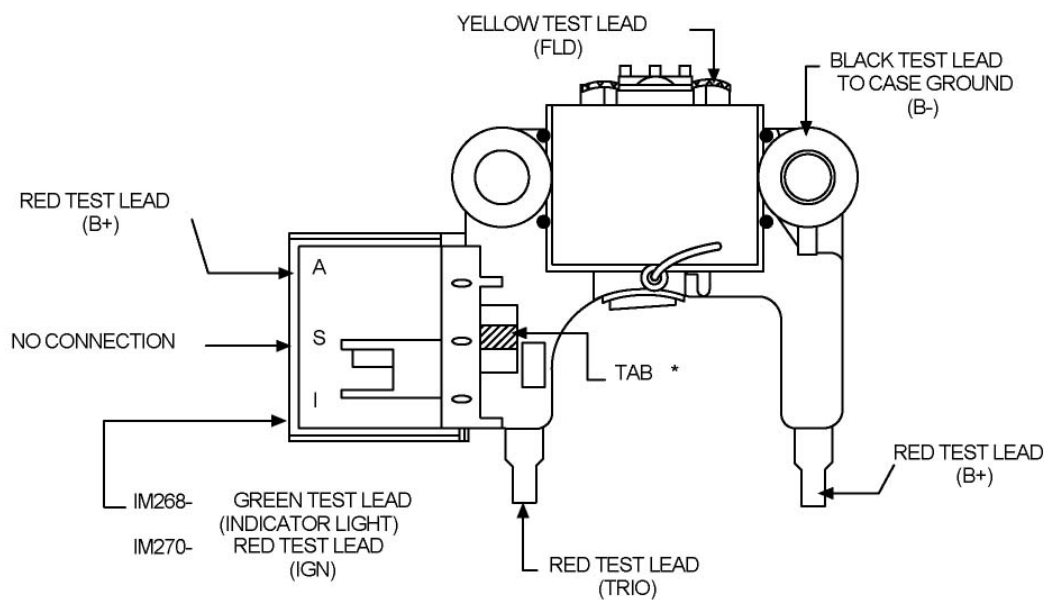
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM268	A	12	14.5				
IM270	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

On IM268, removal of red test lead from terminal marked "A" should result in the indicator light to turn on and the meter will indicate approximately 15.7V. On IM270, Removal of test lead "A" terminal should result in the meter to indicate approximately 15.7V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

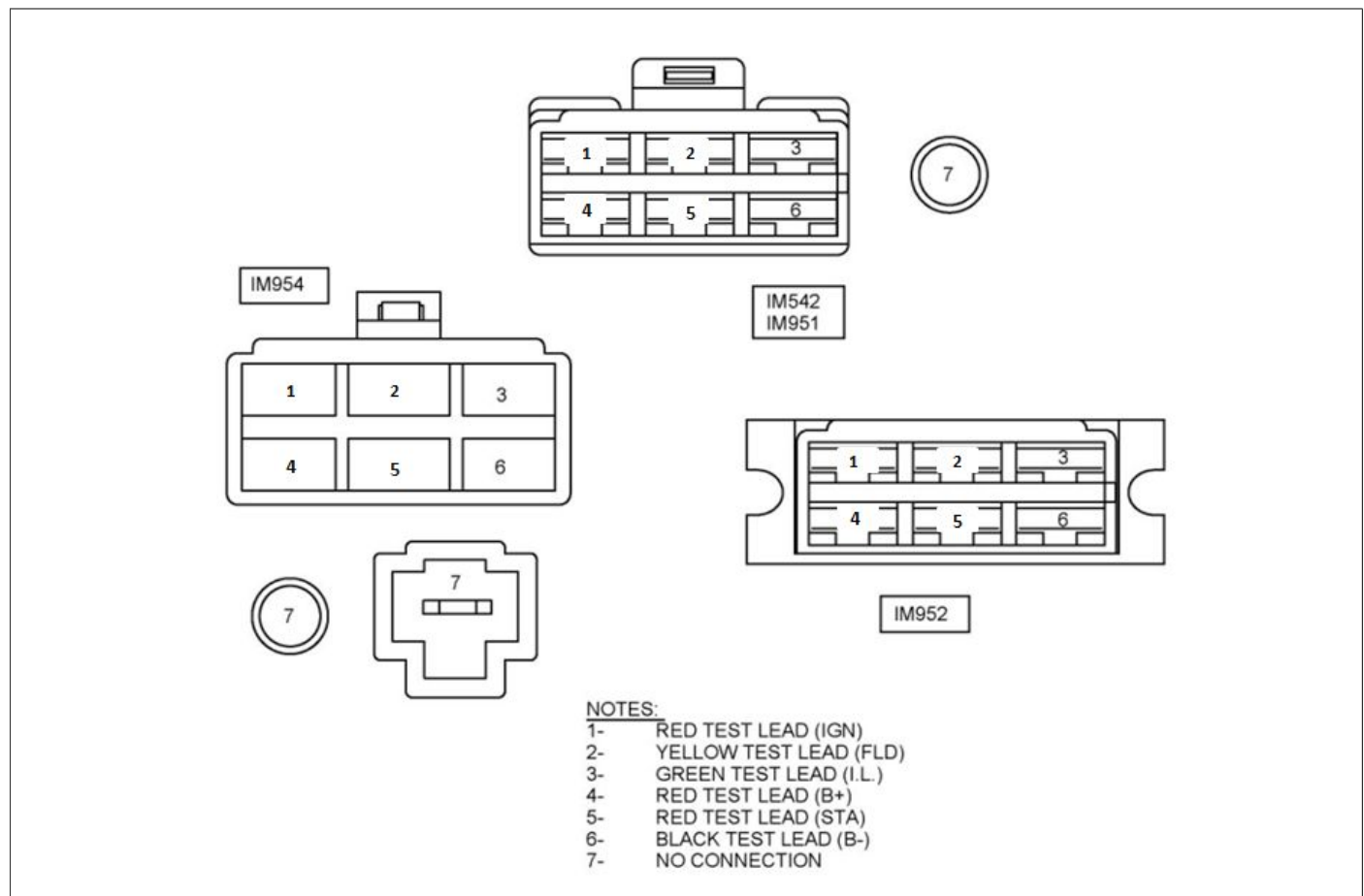
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM542	B	12	14.3				
IM951	B	12	14.3				
IM954	B	12	14.3				
IM952	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove Red test lead from terminal marked "STA". Indicator light should turn on and the meter will indicate the set point voltage.





# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

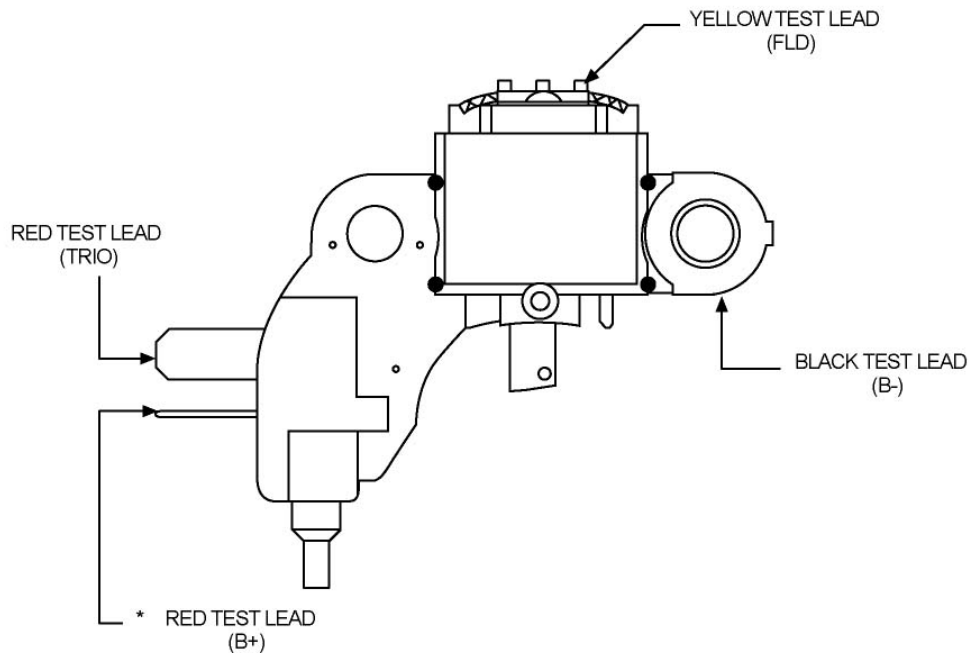
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM261	A	12	14.5				
IM269	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

On IM261, remove red test lead from the terminal marked "\*". Field lamp should still blink and the meter will indicated approximately 15.4 v.



IM261: S-L Terminals

IM269: R-L Terminals

# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

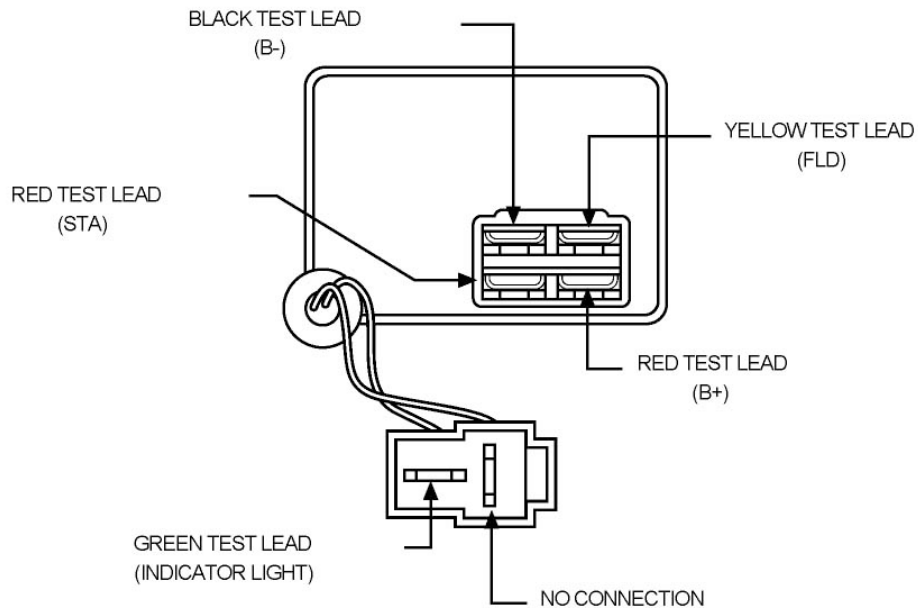
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM604	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "STA". Indicator light should turn on and the meter will indicate set point voltage.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

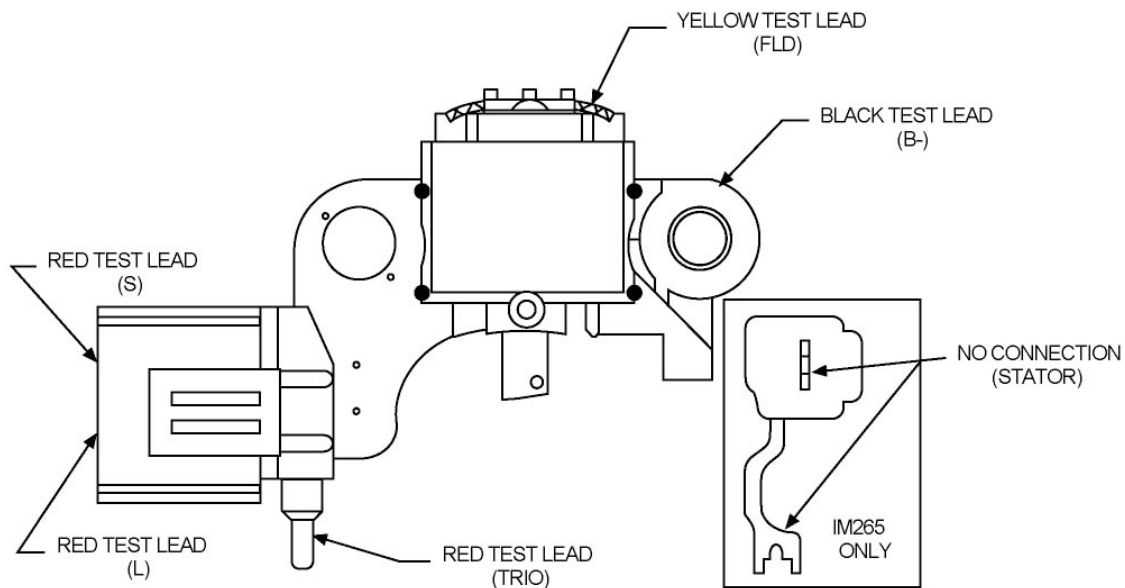
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM262	A	12	14.5				
IM263	A	12	14.5				
IM265	A	12	14.5				
IM265HD	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 1.5V above the set point voltage.

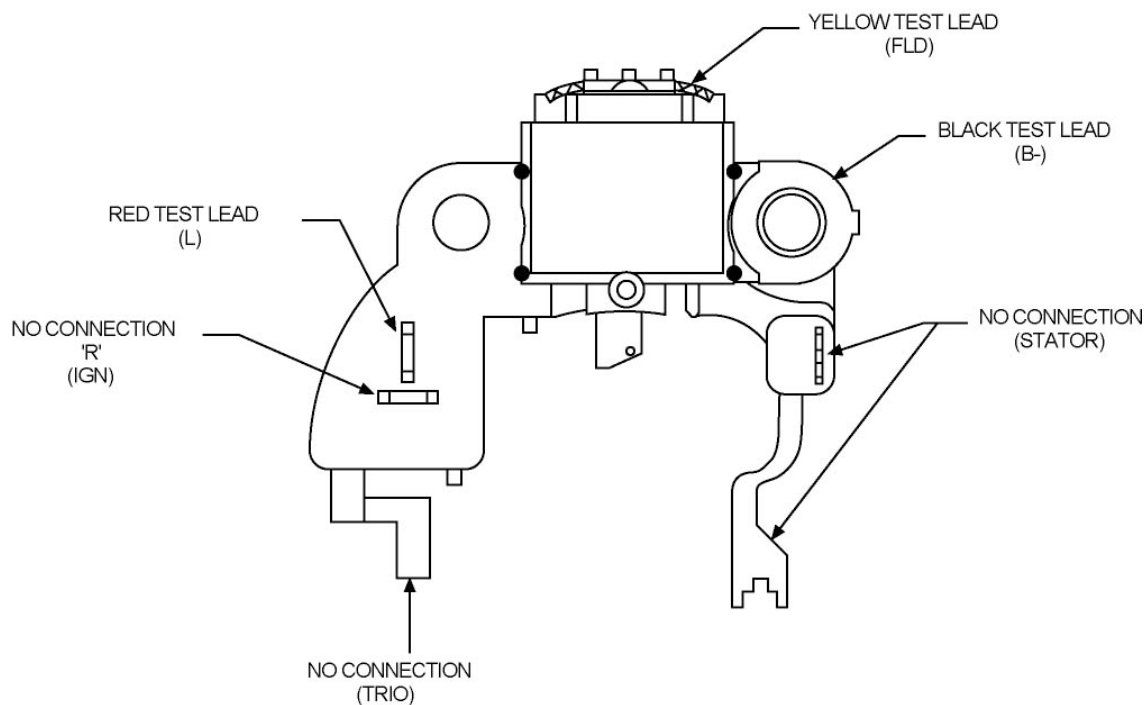


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM266	A	12	14.5				
IM266HD	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

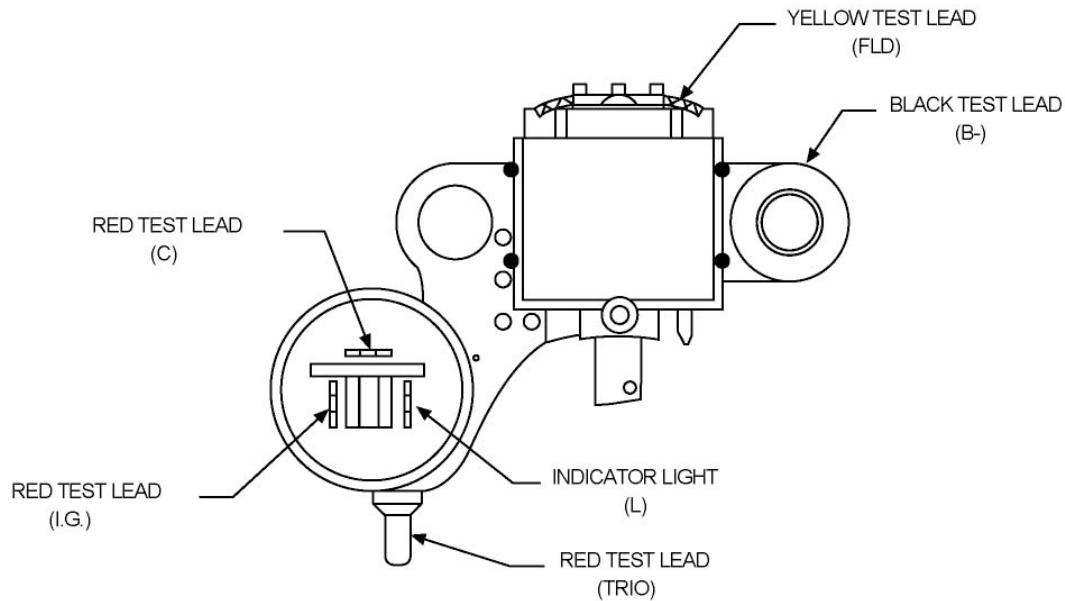
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM267	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "C" and connect a black test lead to it . Field lamp should still blink and the meter will indicate approximately 12.5V.

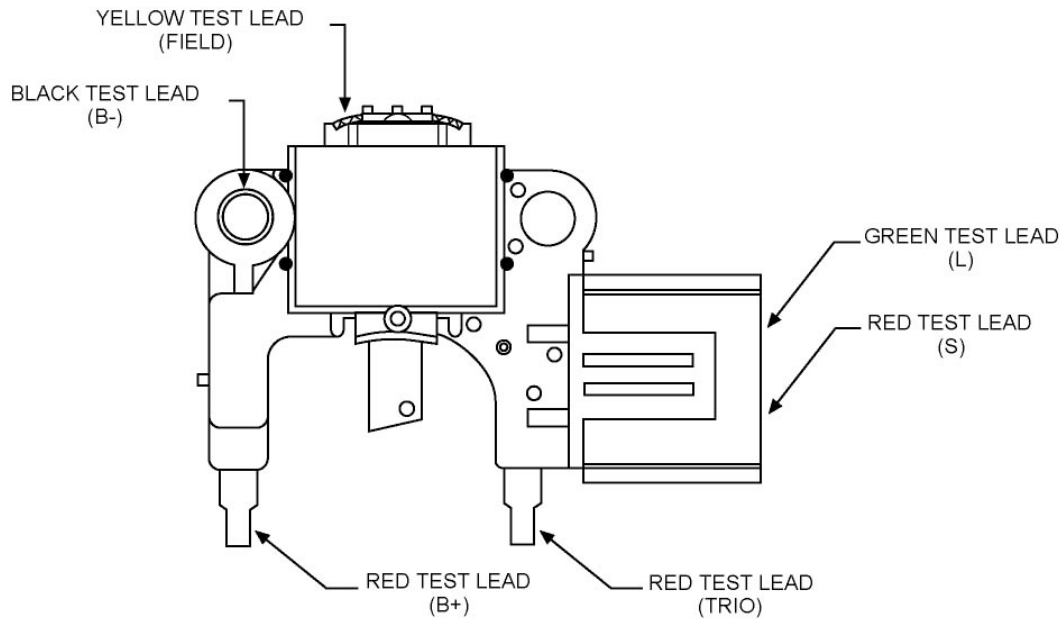


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM271	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove red test lead from terminal marked "S". Field lamp should still blink, indicator light turn on and the meter will indicate approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

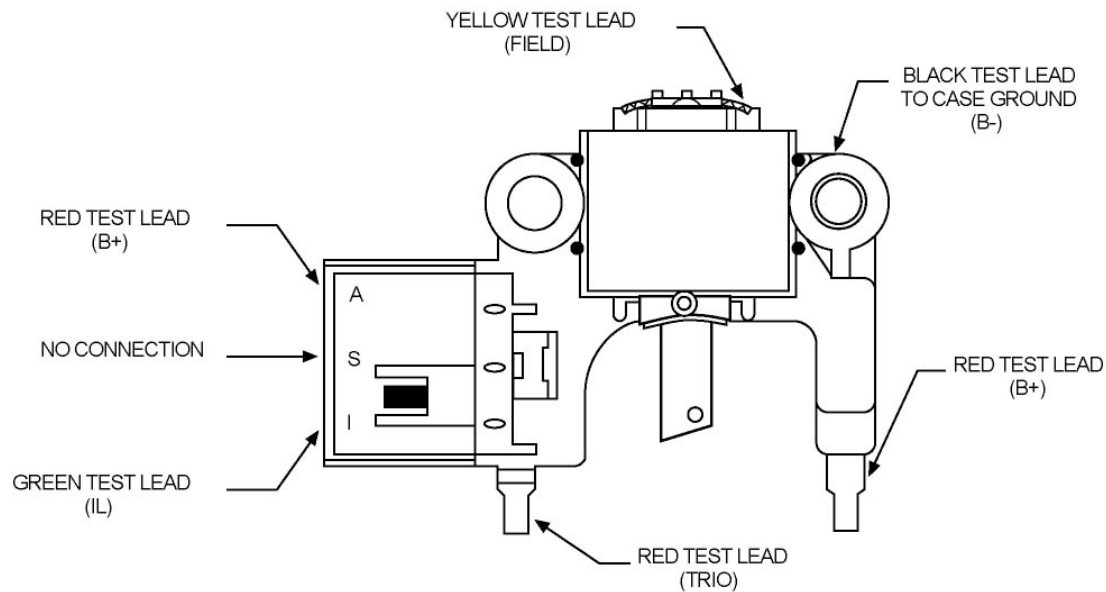
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM272	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "A". Field lamp should still blink , indicator light will turn on and the meter will indicate approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

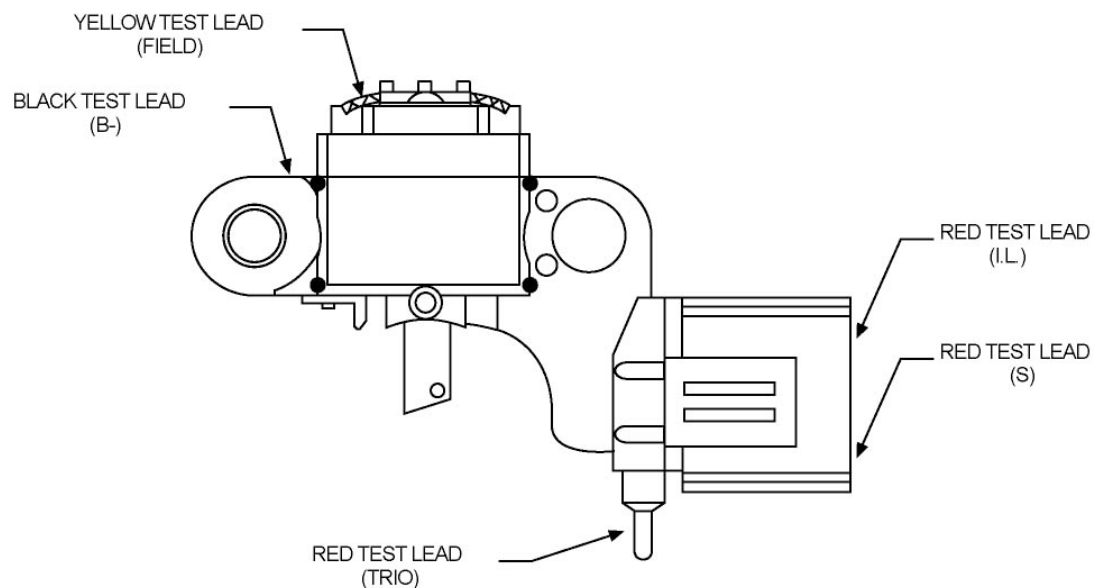
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM274	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.





# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

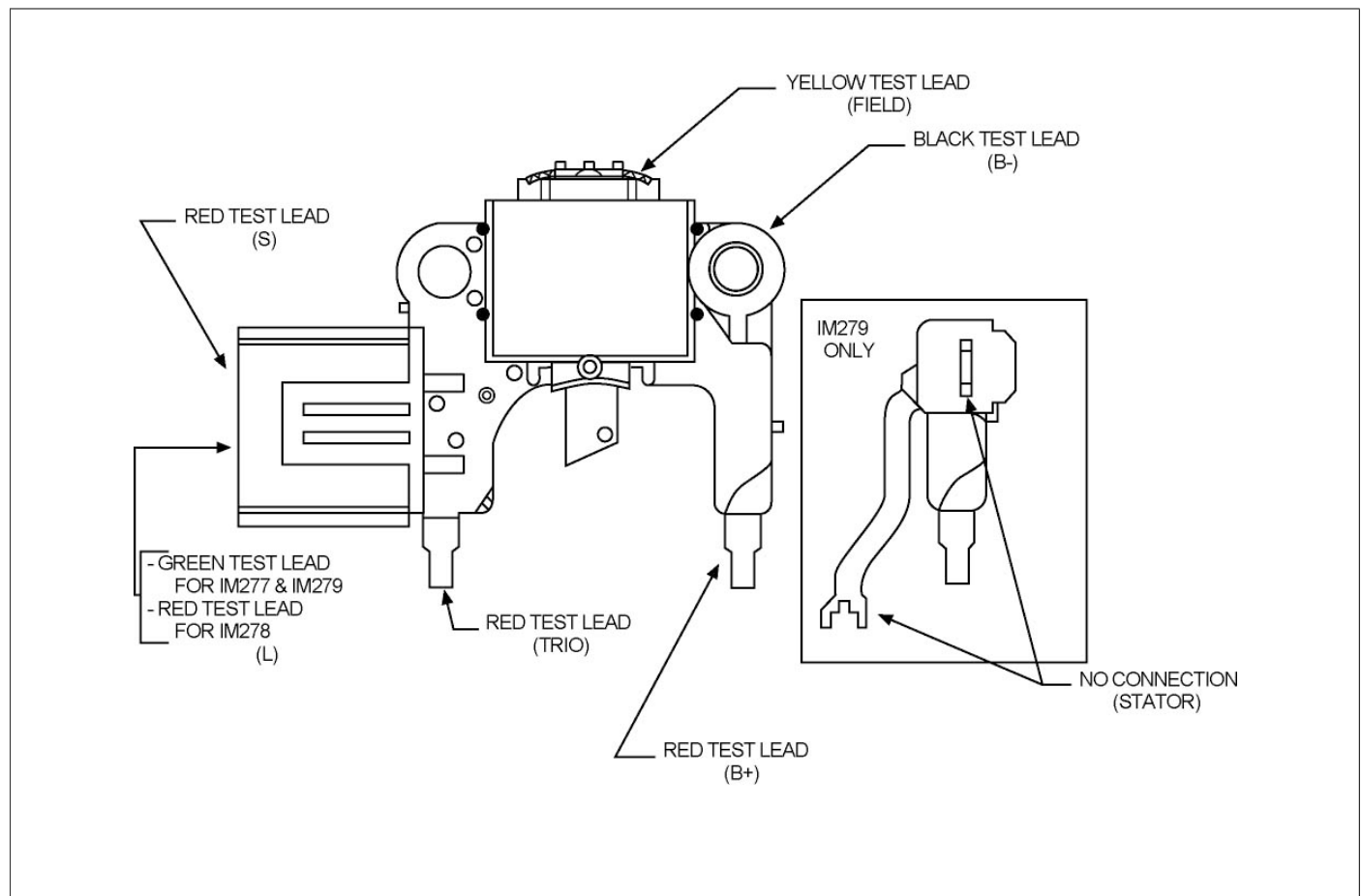
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM277	A	12	14.5				
IM278	A	12	14.5				
IM279	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V. (on IM277 & IM279 indicator light will turn on.)

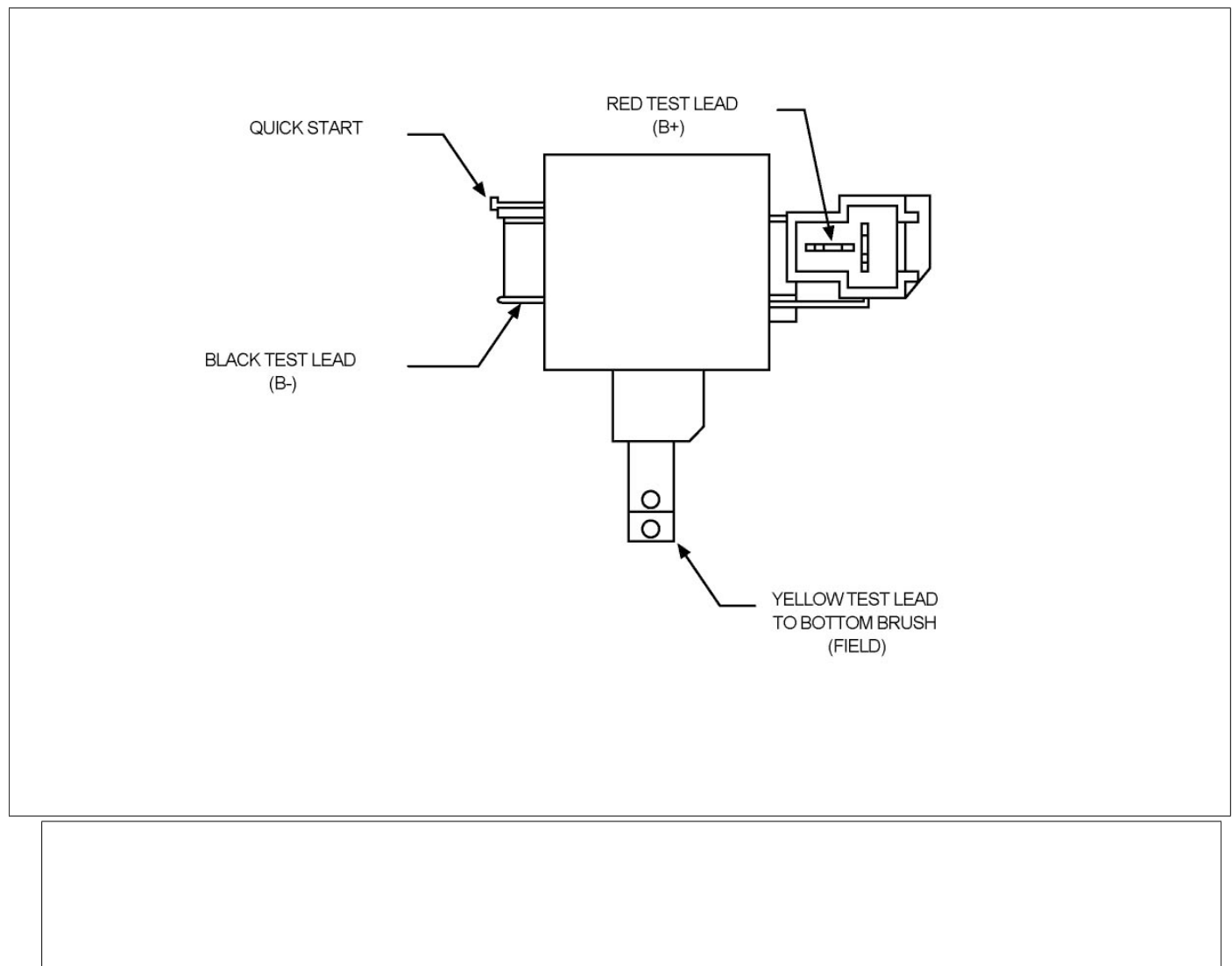


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM226	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

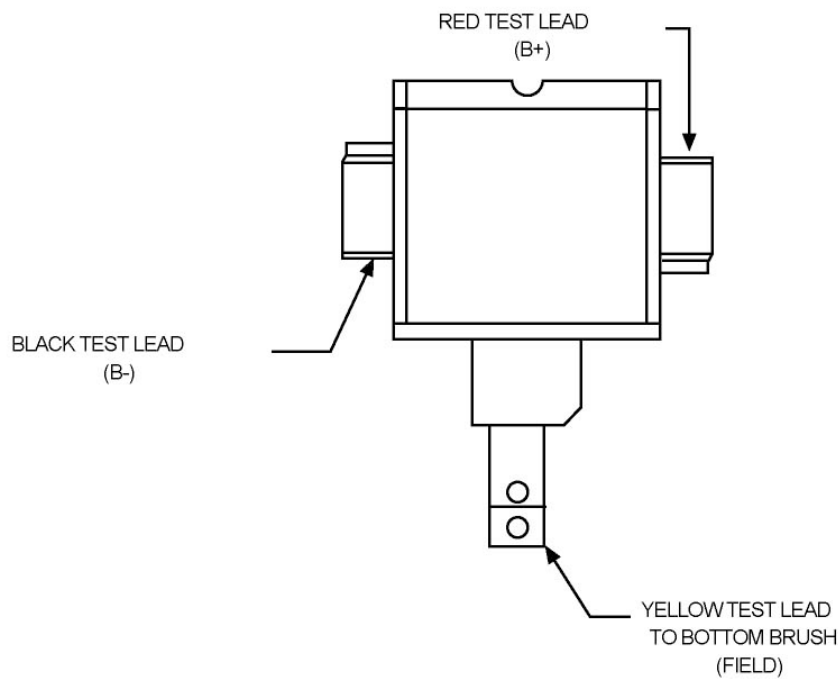


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM215	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

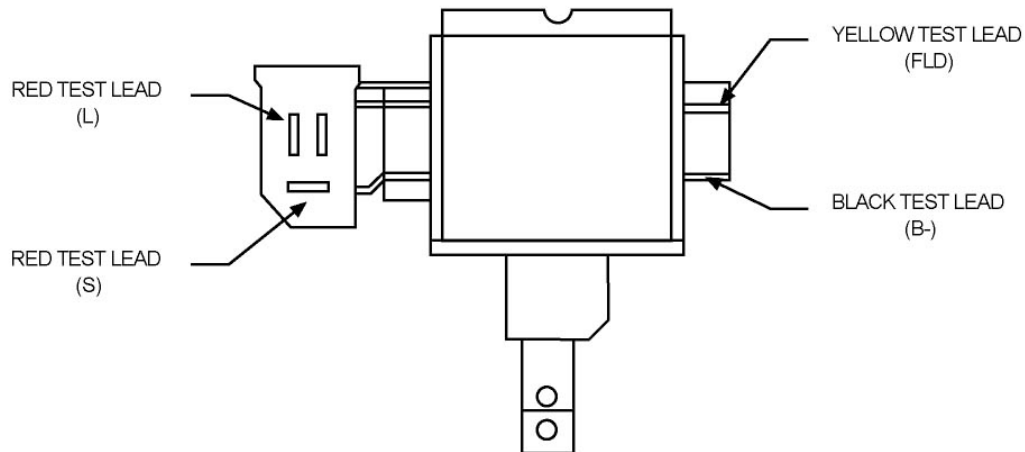


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM227	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

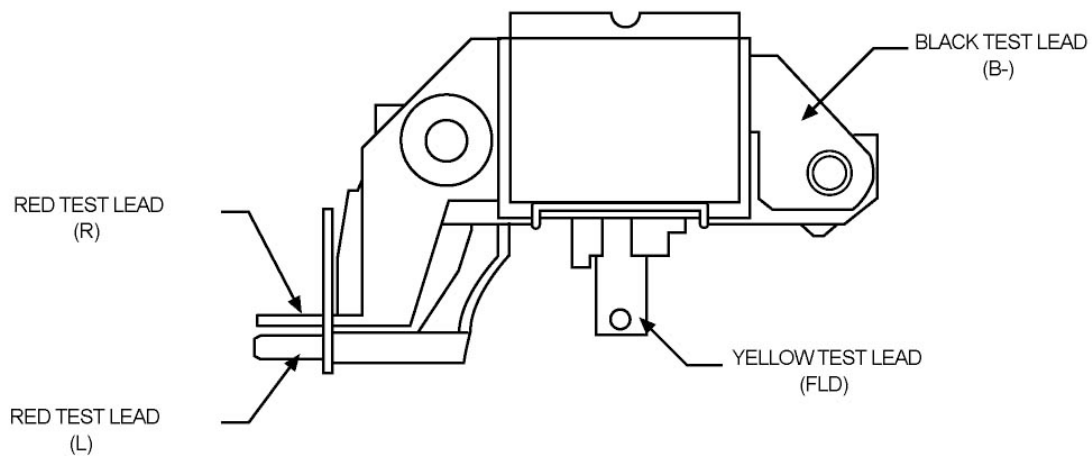


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM207	A	12	14.5				
IM213	A	24	28.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

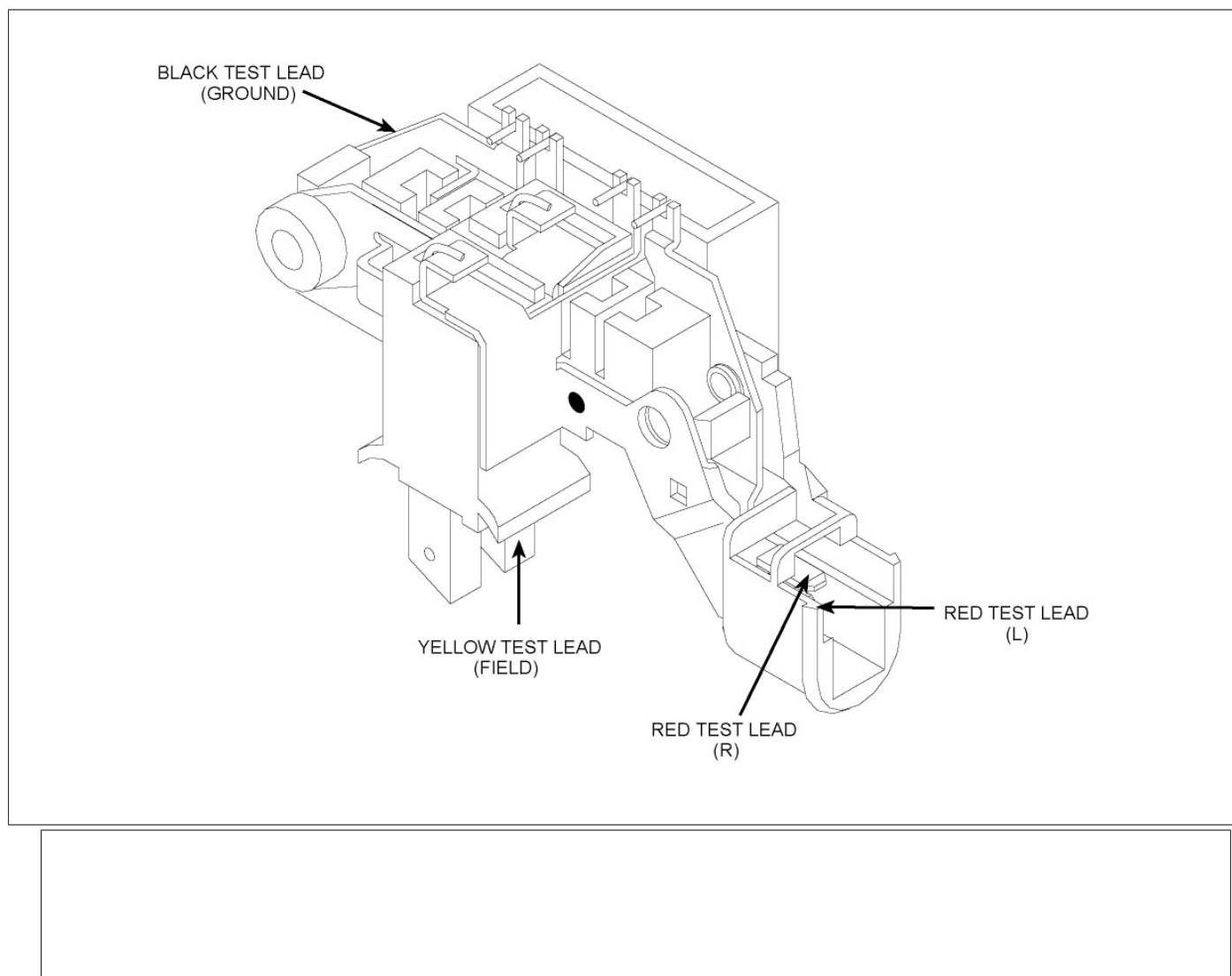


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM212	A	24	28.4				
IM208	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

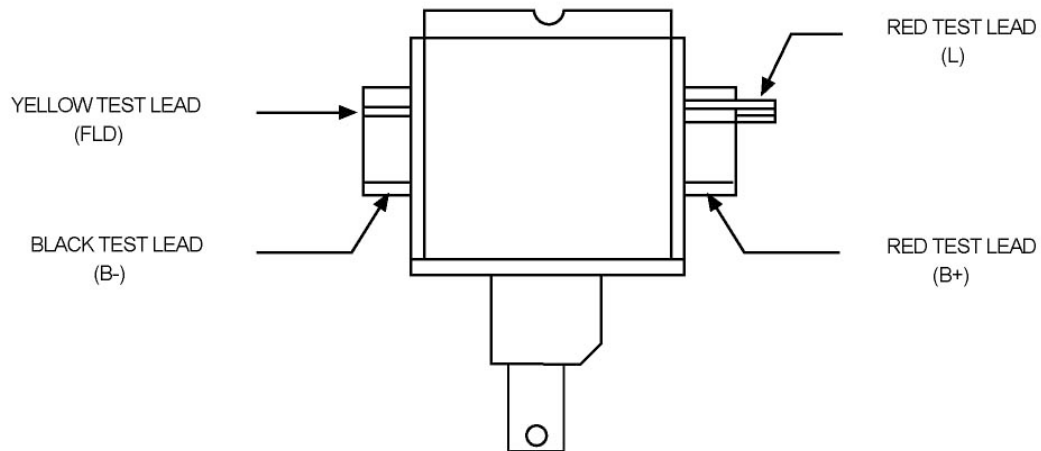


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM214	A	24	28.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

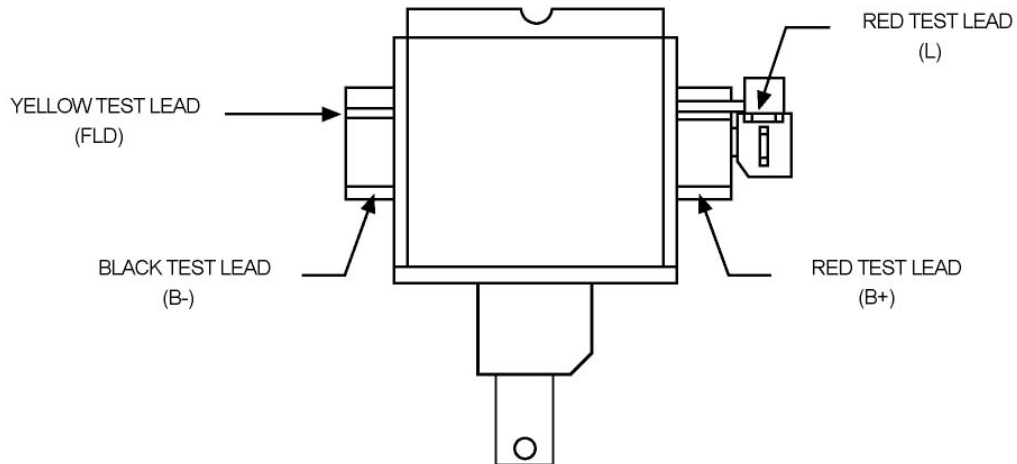


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM206	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM273	A	12	14.4				
IM839	A	12	14.4				
IM835	A	12	14.4				

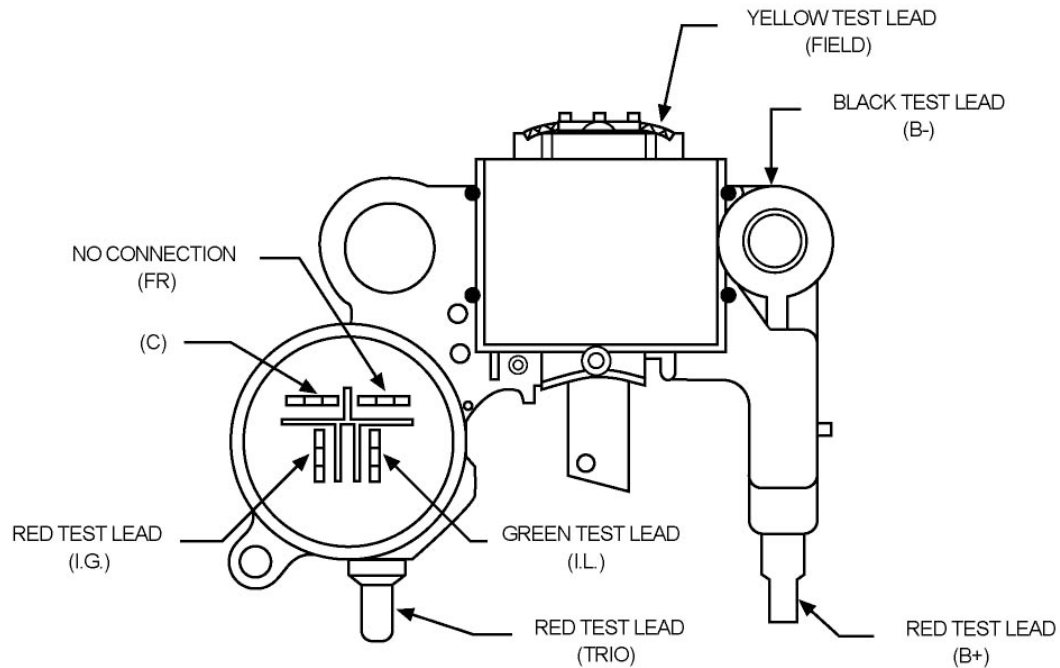
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "TRIO". field lamp should still blink indicator light will turn on and meter will indicate the set point voltage.

Reconnect red test lead to terminal marked "Trio". Connect black test lead to "C" terminal. Field lamp should still blink and meter will indicate approximately 12.5V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

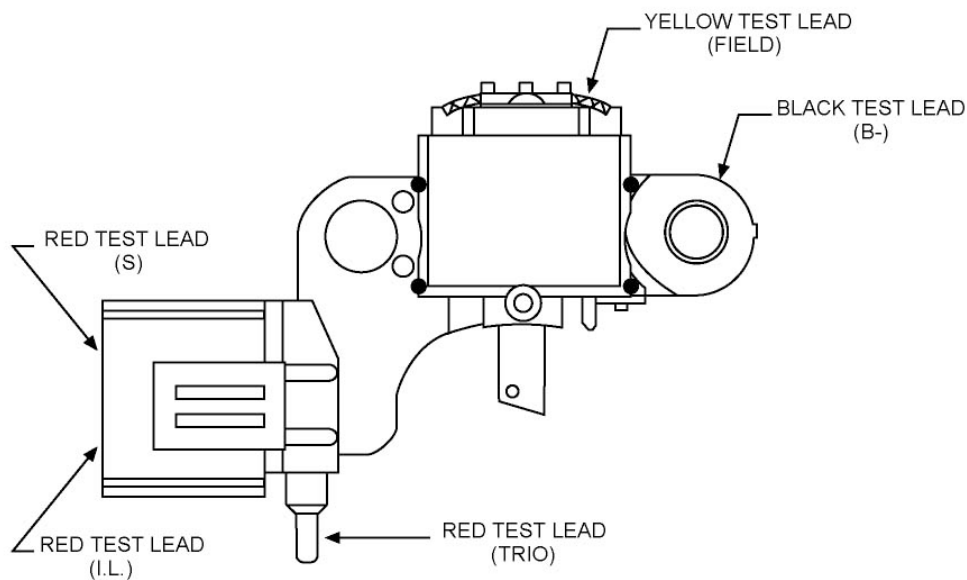
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM282	A	12	14.4				
IM281	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". field lamp should still blink and the meter will indicated approximately 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM280	A	12	14.4				
IM837	A	12	14.4				

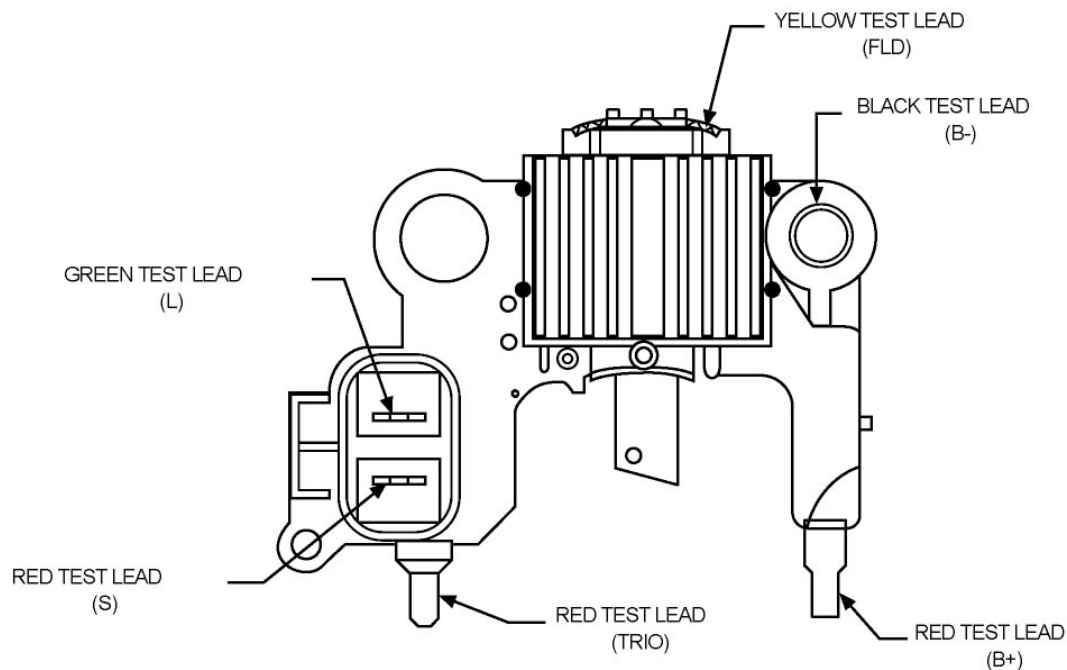
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S" Indicator lamp should turn on, will still blink, and the meter will indicate approximately 15.5V.

Push the choke drive switch and the "Choke Drive Indicator Lamp" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

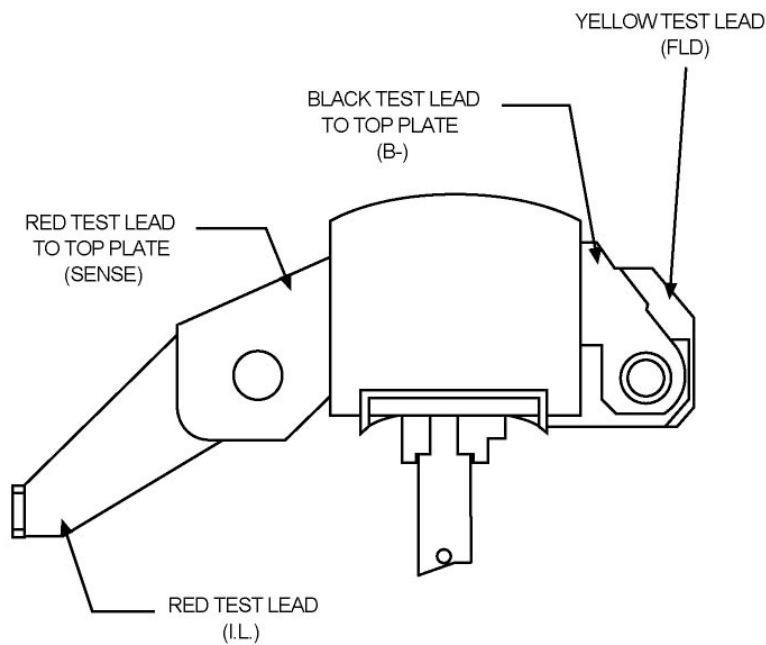
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM209	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S" field lamp will still blink, and the meter will indicate approximately 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

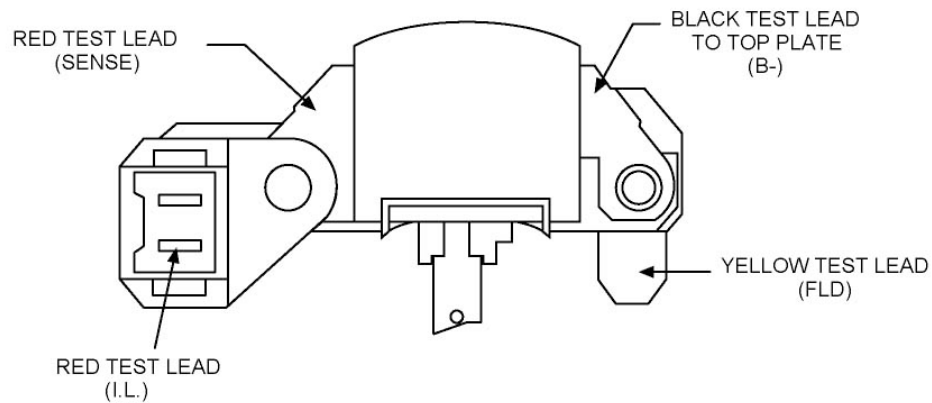
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM210	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp will still blink, and the meter will indicate approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

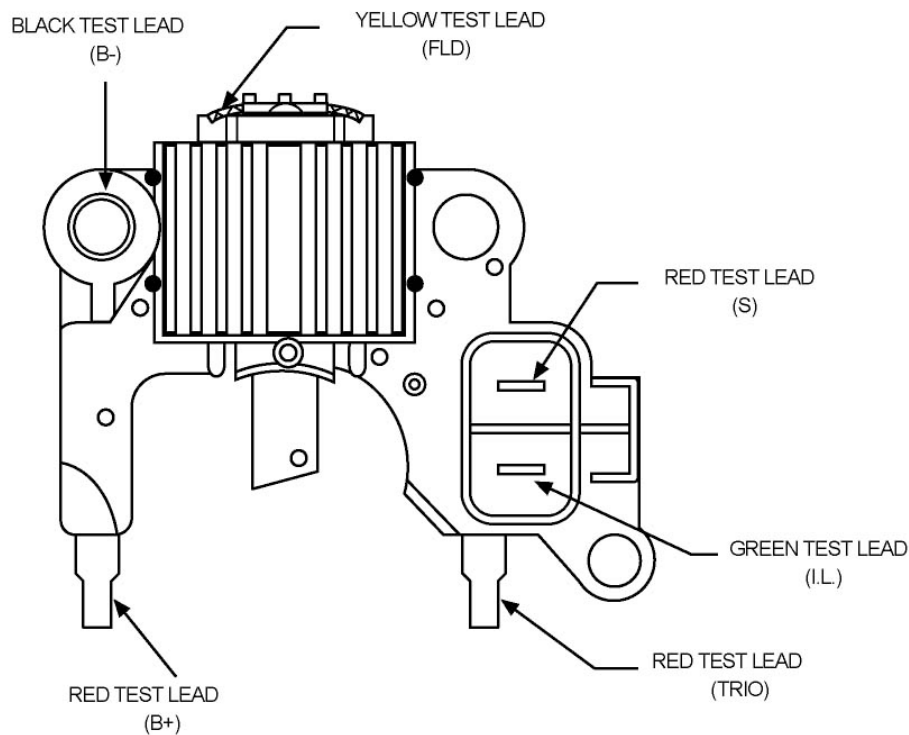
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM276	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Indicator light will turn on, Field lamp will still blink, and the meter will indicate approximately 15.5V.

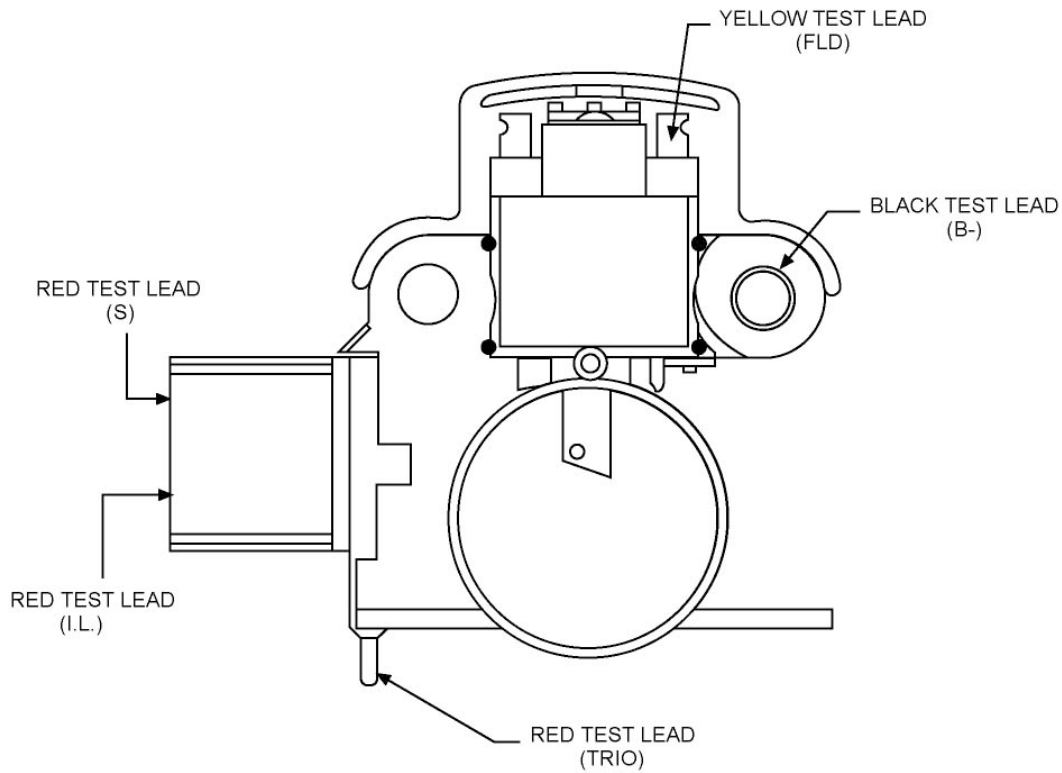


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM287	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove red test lead from terminal marked "S". The meter will indicate approximately 15.5V.

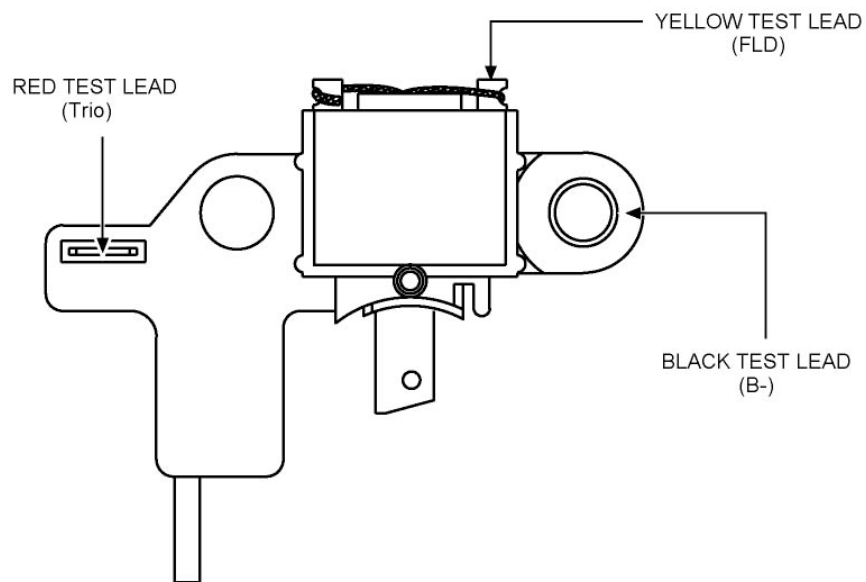


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM283	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

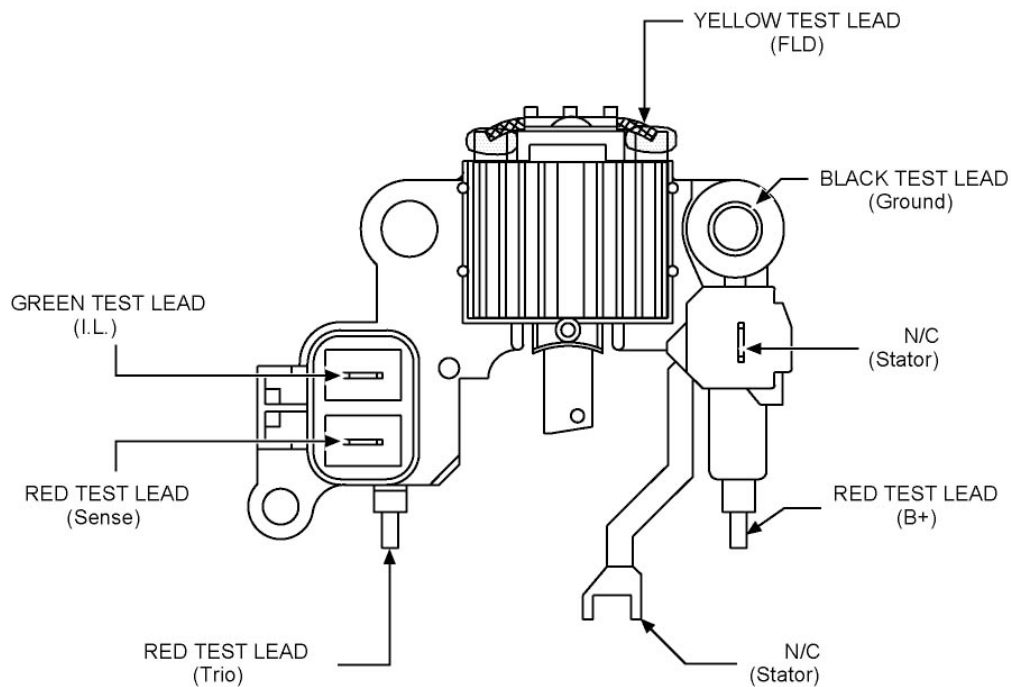
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM829	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Indicator lamp should turn on, field lamp will still blink, and the meter will indicate approximately 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

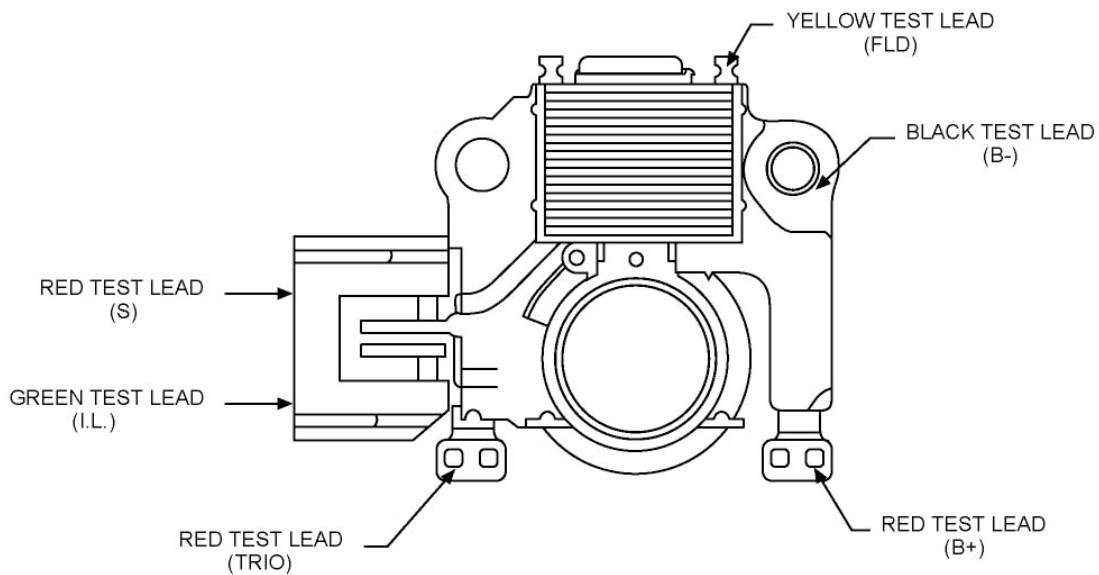
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM830	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Indicator lamp should turn on, field lamp will still blink, and the meter will indicate approximately 15.5V. and the lamp will turn on.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

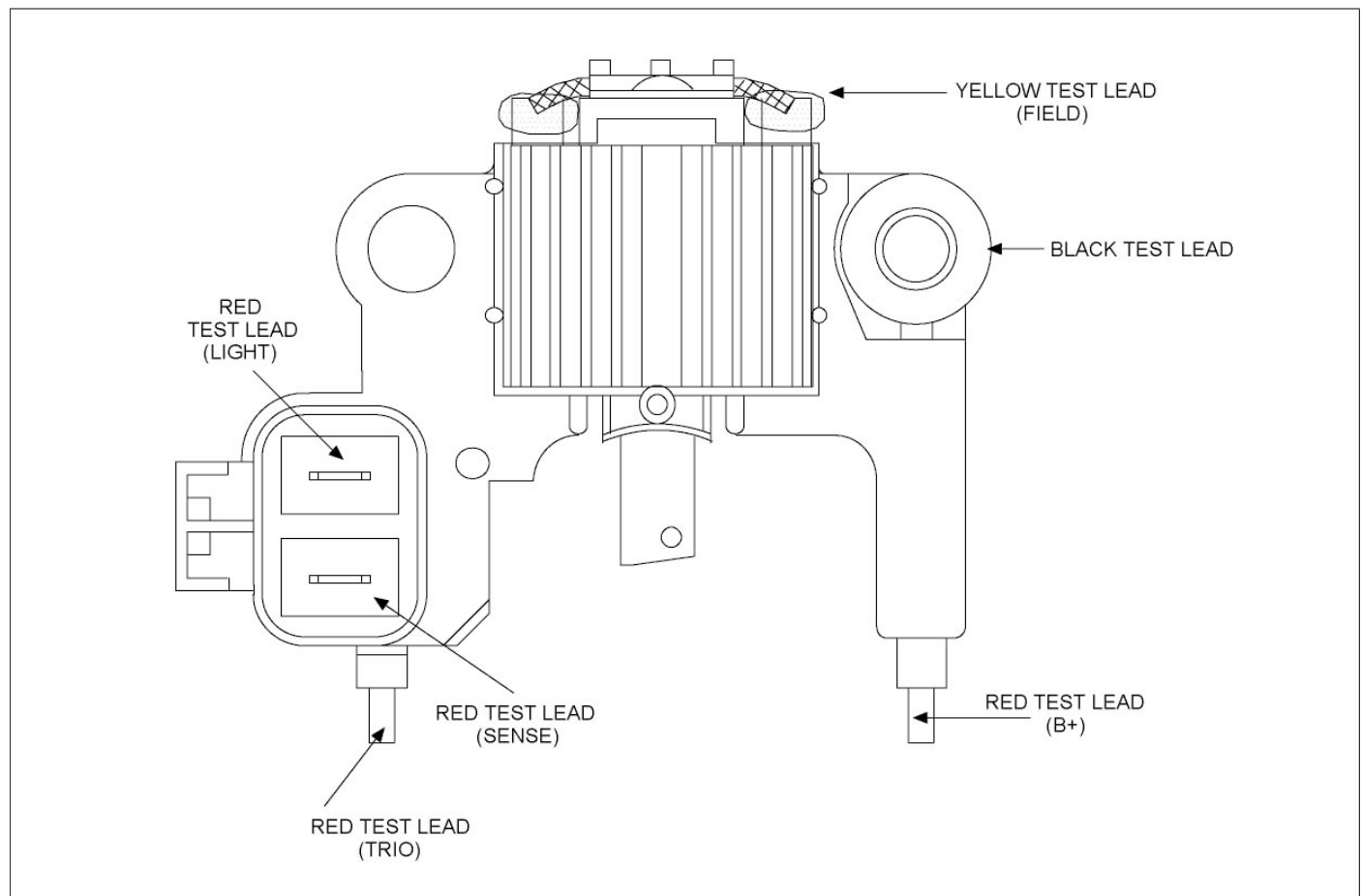
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM285	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5 volts.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

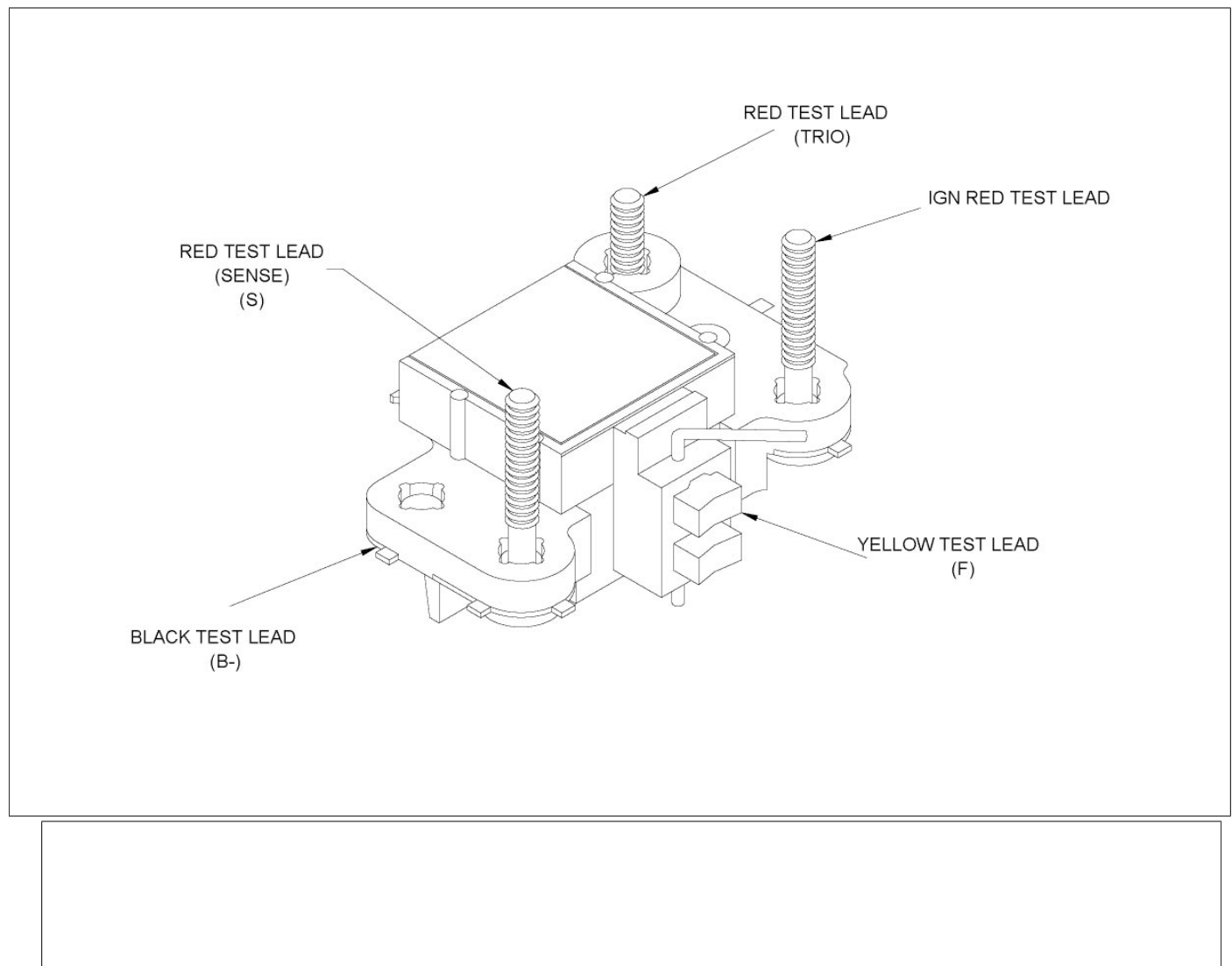
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM288	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

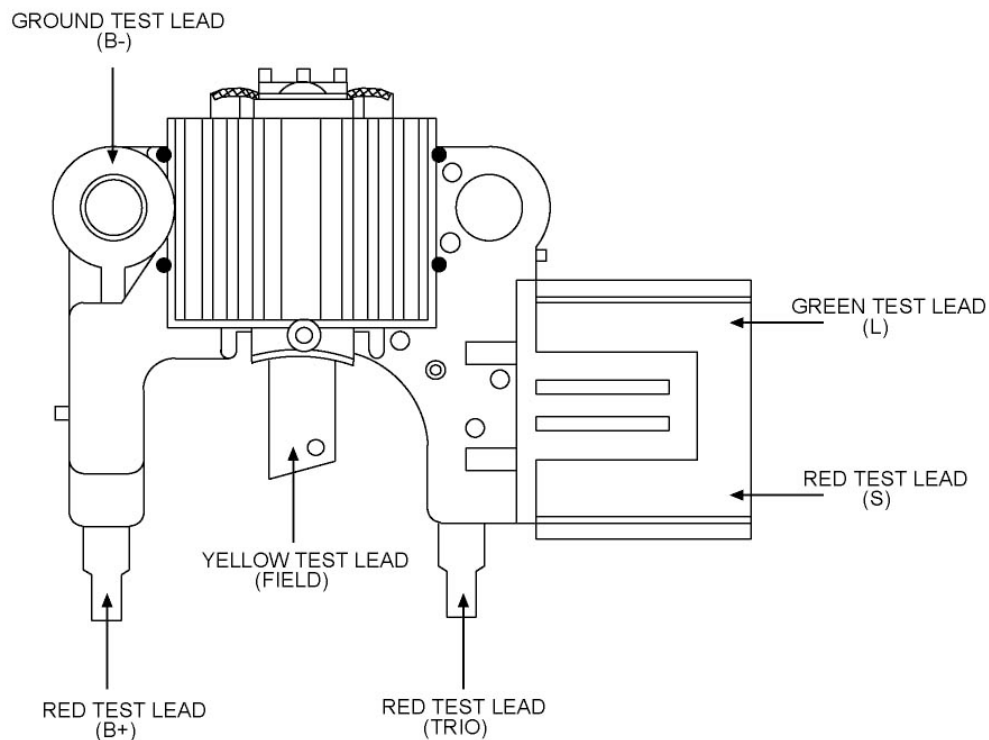
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM291	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S" Indicator lamp should turn on, field lamp will still blink, and the meter will indicate approximately 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

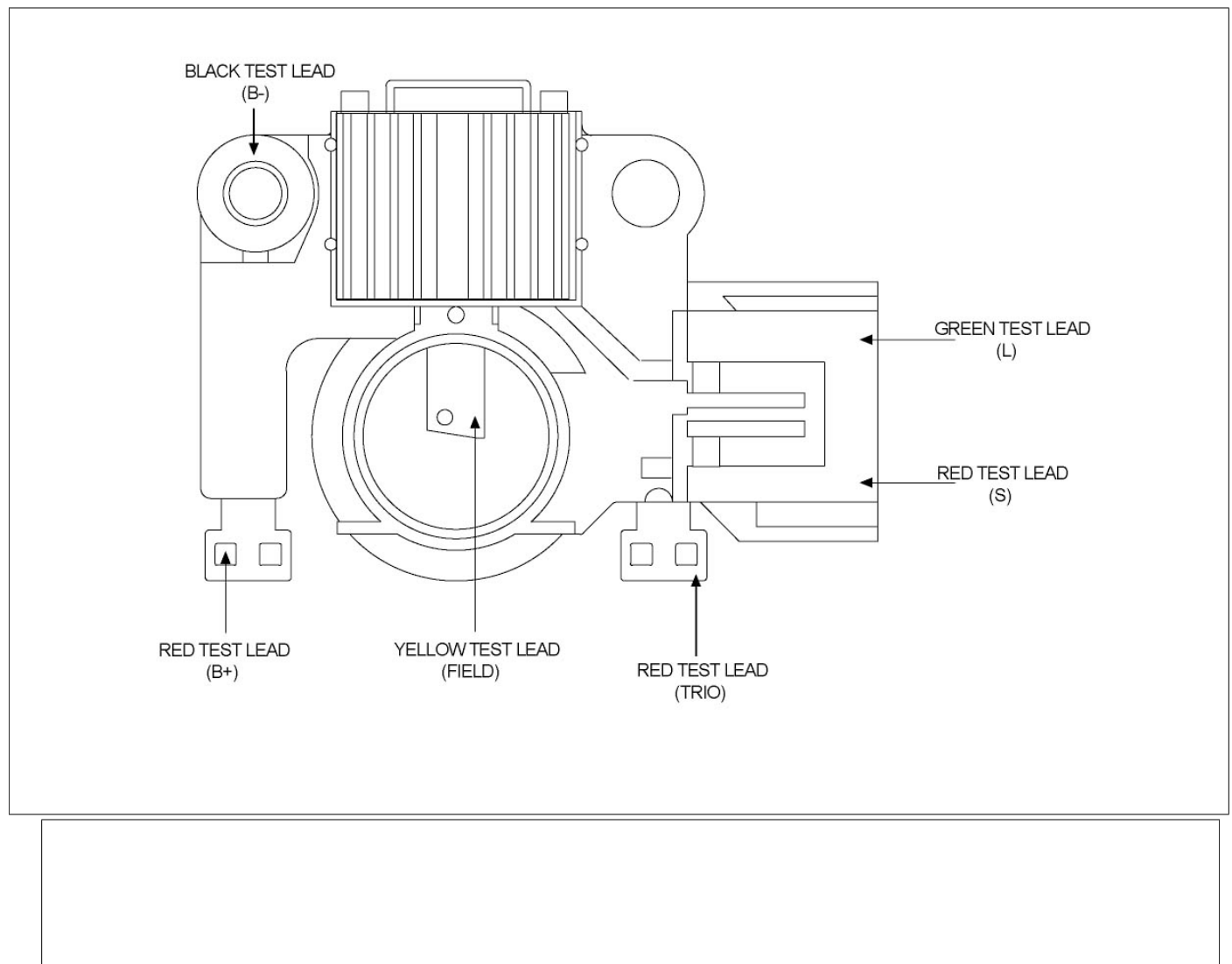
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM292	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S" field lamp will still blink, and the meter will indicate approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

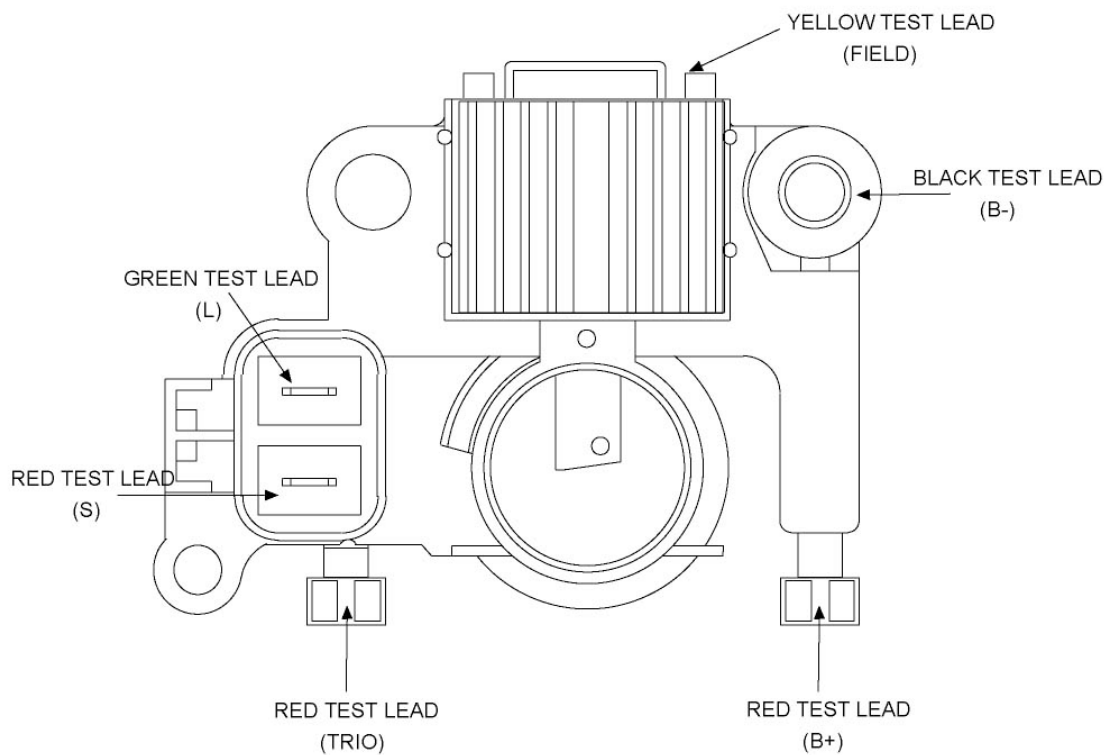
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM832	A	12	14.5				
IM832CN	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Indicator lamp should turn on, field lamp will still blink, and the meter will indicate approximately 15.5V.

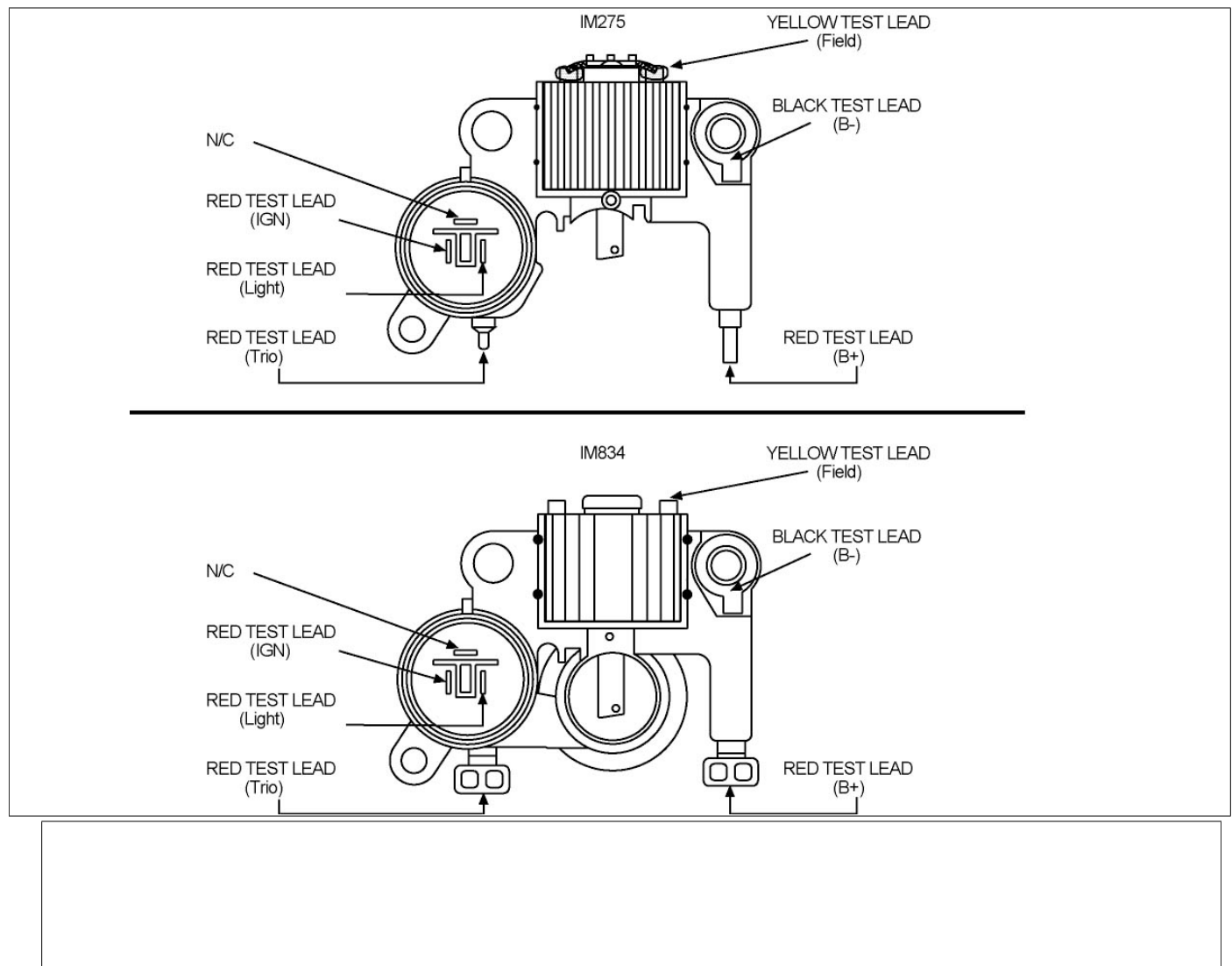


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM275	A	12	14.7				
IM834	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

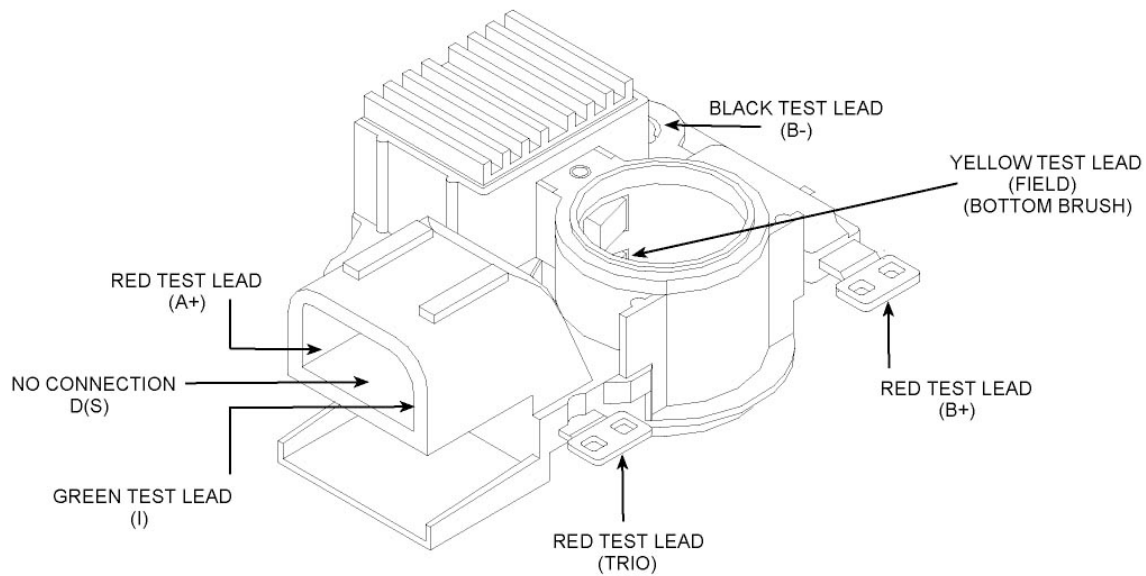
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM836	A	14	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "A". Field lamp should still blink, indicator light will turn on and the meter will indicate approximately 15.5V.

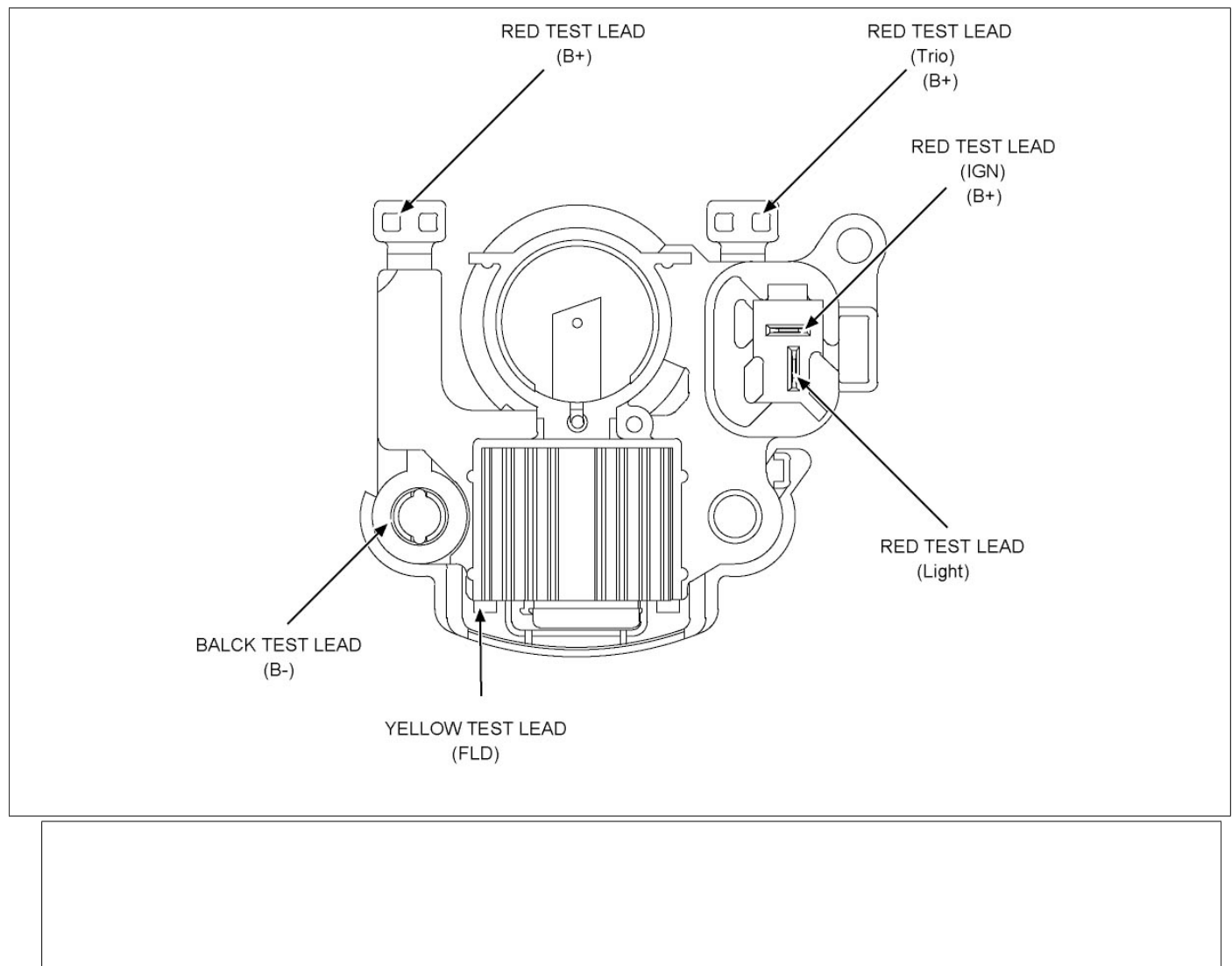


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM290	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

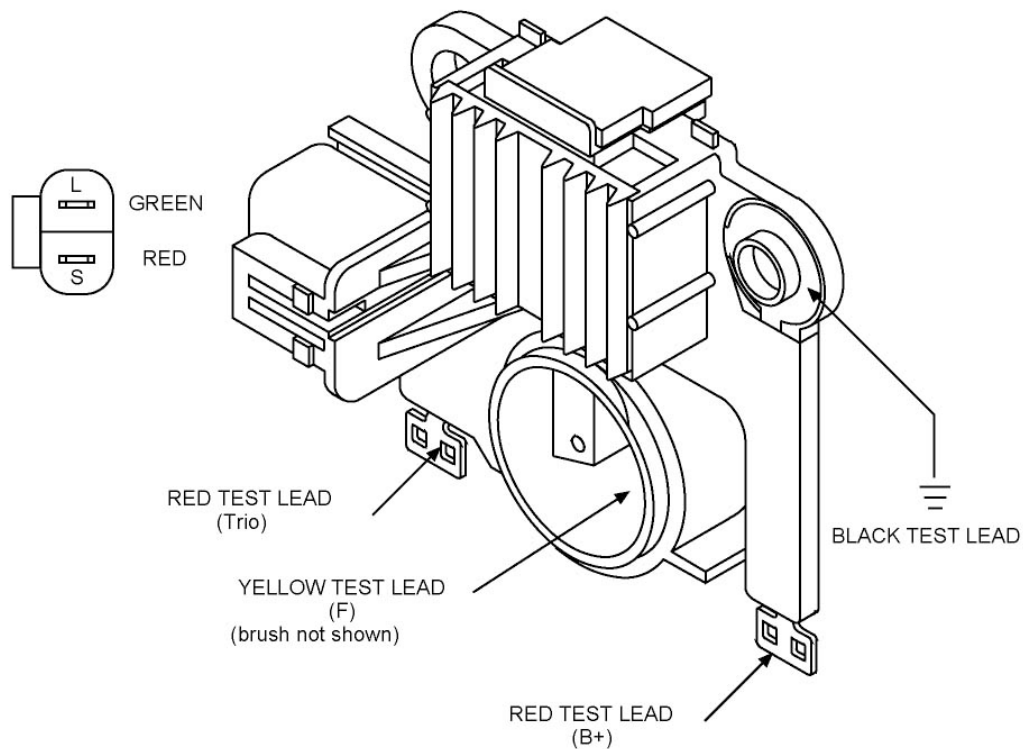
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM830HD	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink, indicator light will turn on and the meter will indicate approximately 15.5 volts.

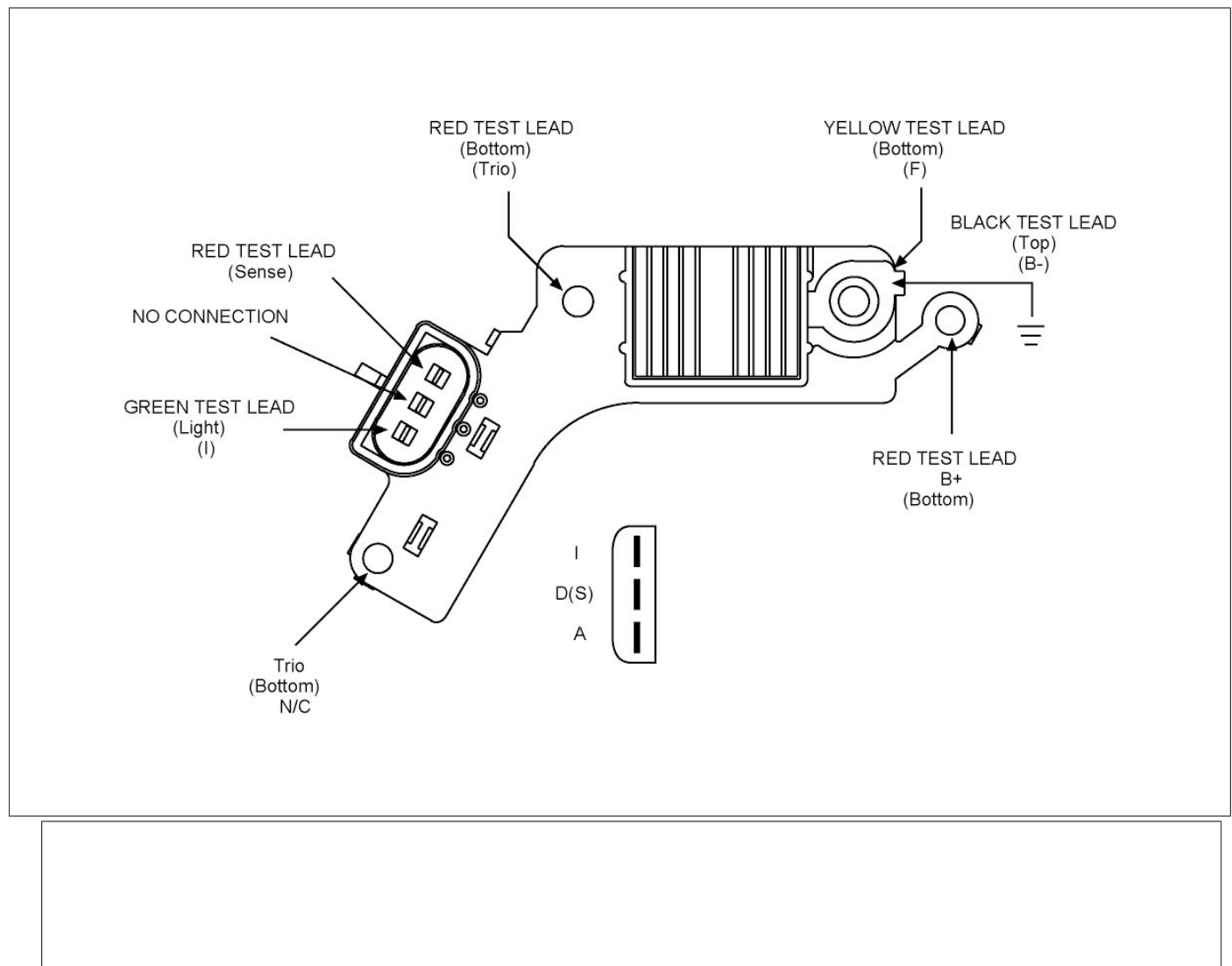


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM840	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove red sense lead & indicator light will turn on & Voltage will rise to 15.5 volts.

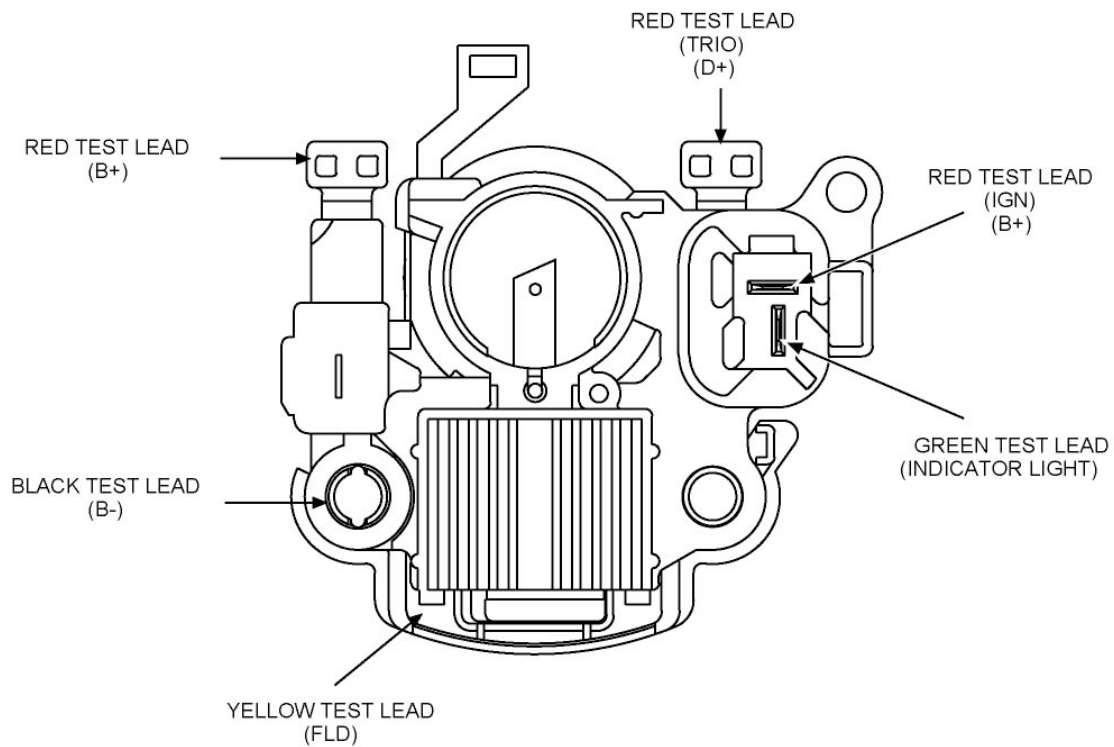


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM293	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

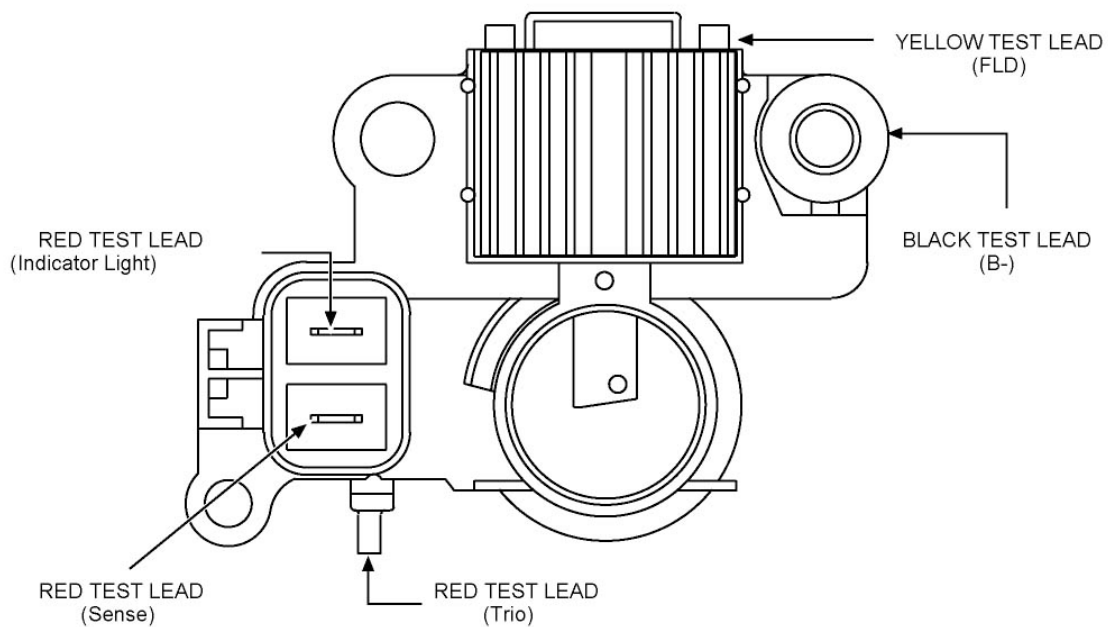
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM831	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5 volts.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM845	A	12	14.7				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

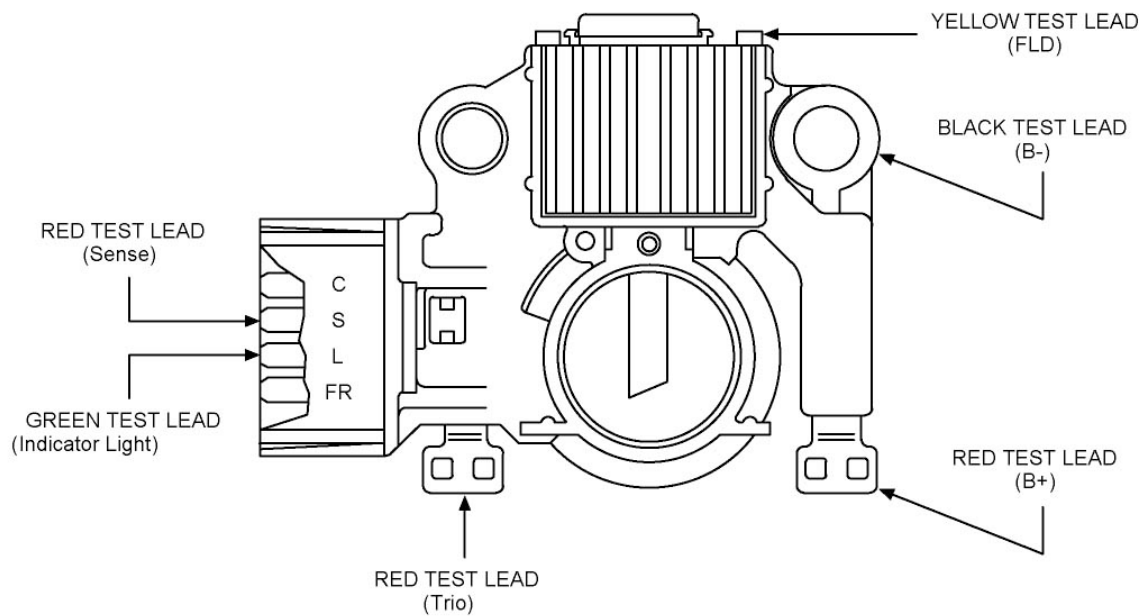
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect sense & voltage should rise to approximately 15.5 volts and light come on. Reconnect sense.

Connect black test lead to "C", voltage should drop to approximately 12.5 volts.

Push the choke drive switch and the "Choke Drive Indicator Lamp" will turn on between 16.0V and 17.1V.

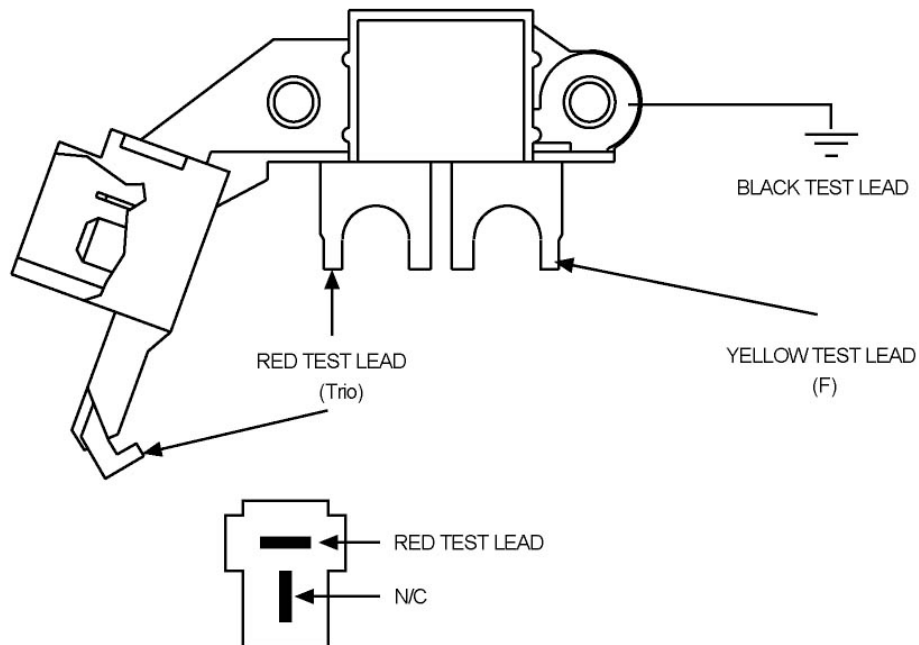


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM286	A	24	28.7				
IM294	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

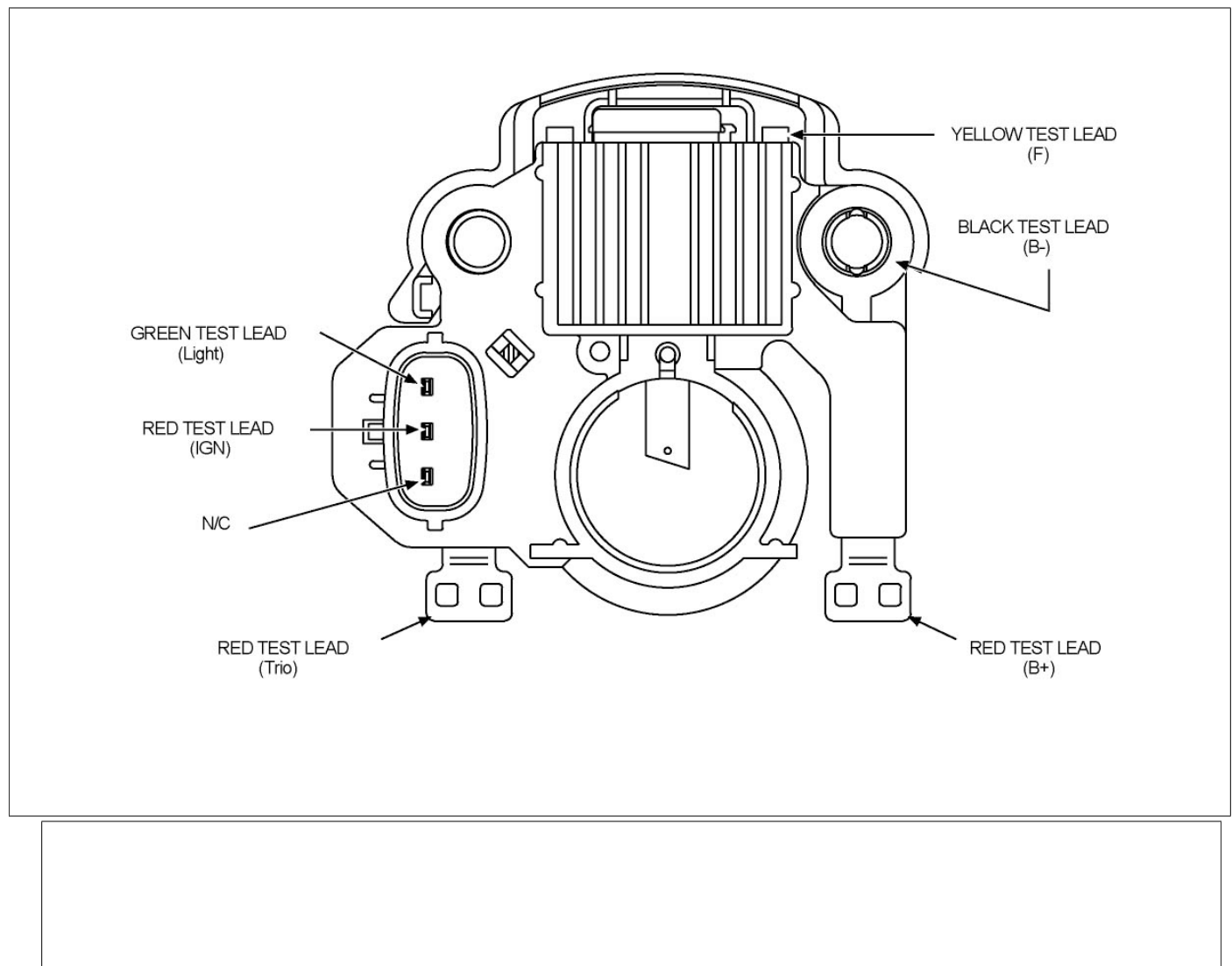
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM318	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the choke drive switch and the "Choke Drive Indicator Lamp" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM850	A	12	14.5				

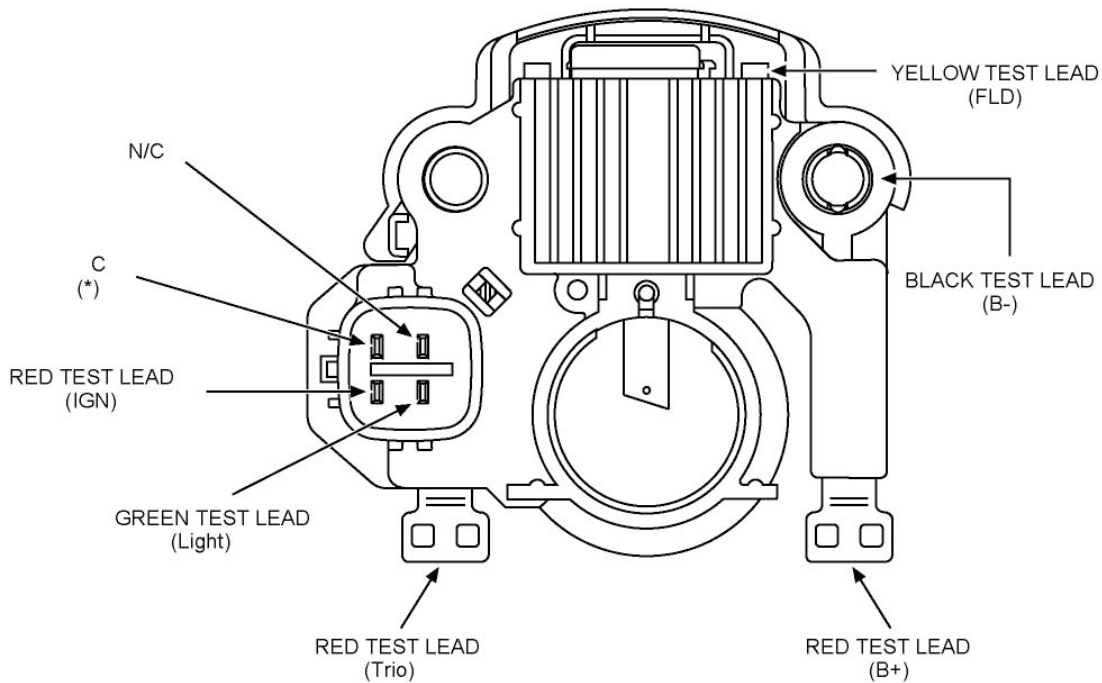
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect "C" terminal to tester, push Computer button and voltage will drop to approximately 12.5V. field lamp stays on.

Push the choke drive switch and the "Choke Drive Indicator Lamp" will turn on between 16.0V and 17.1V.

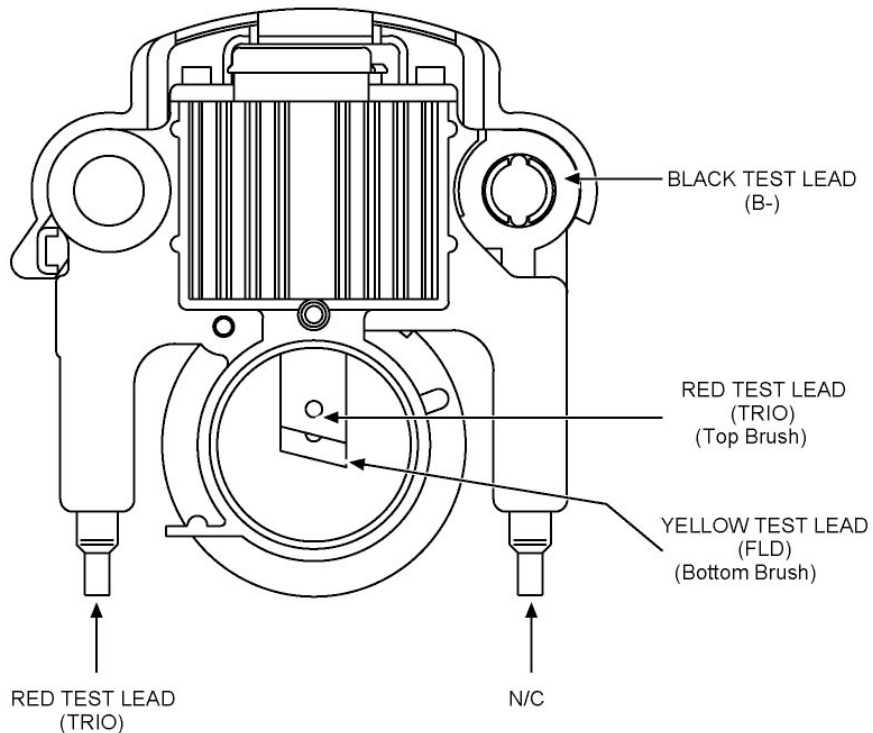


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM232	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

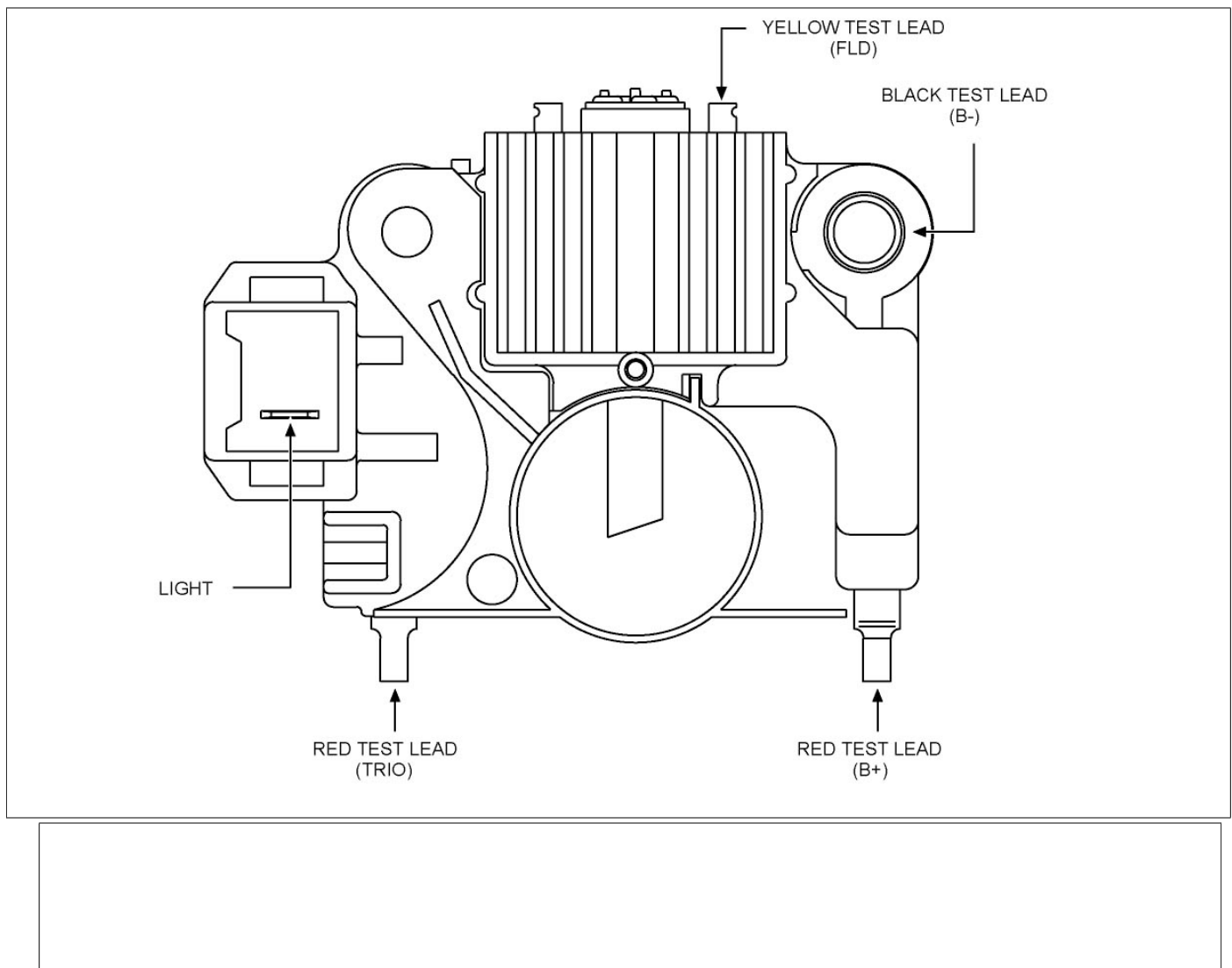


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM211	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM381	A	12	14.6				

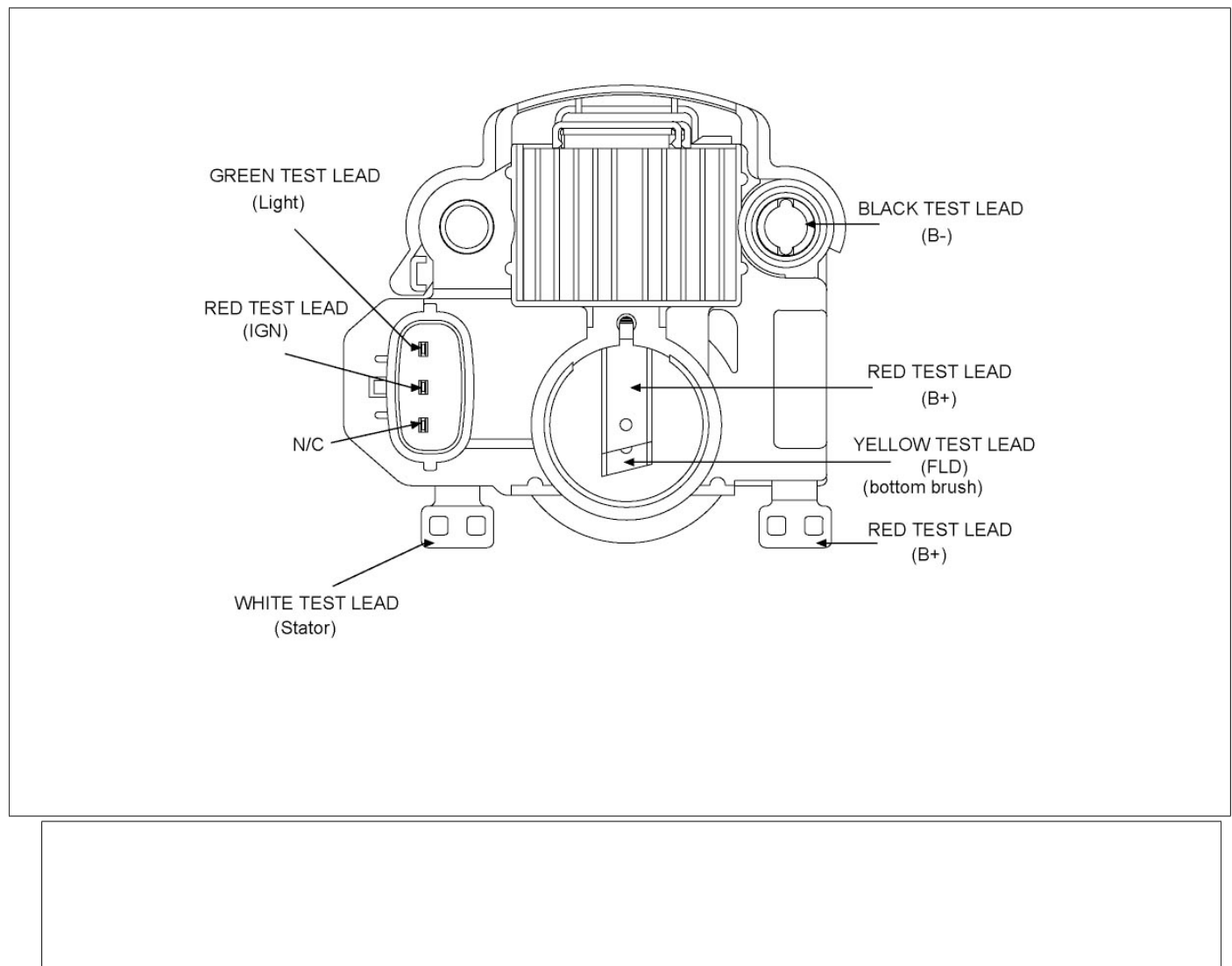
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead and lamp comes on, voltage drops to 12.0 volts and field light stays on . Remove green test lead from light and field light goes off.

Push the choke drive switch and the "Choke Drive Indicator Lamp" will turn on between 16.0V and 17.1V.

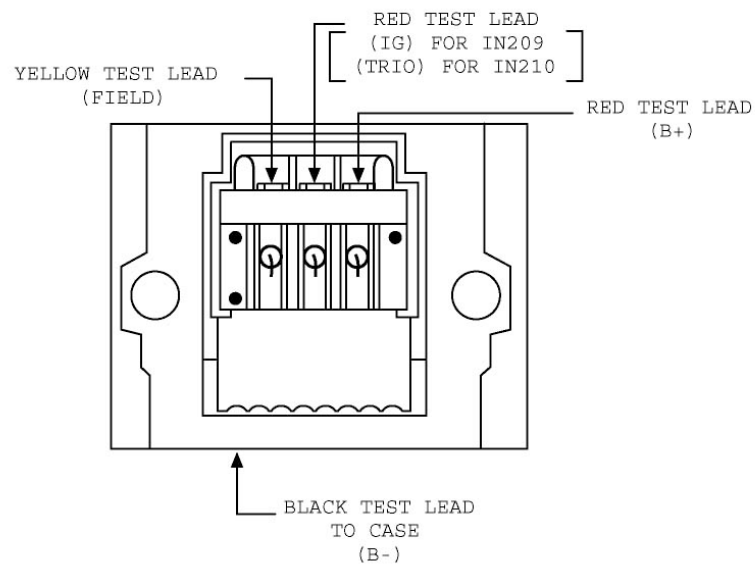


# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN209	A	12	14.5				
IN210	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

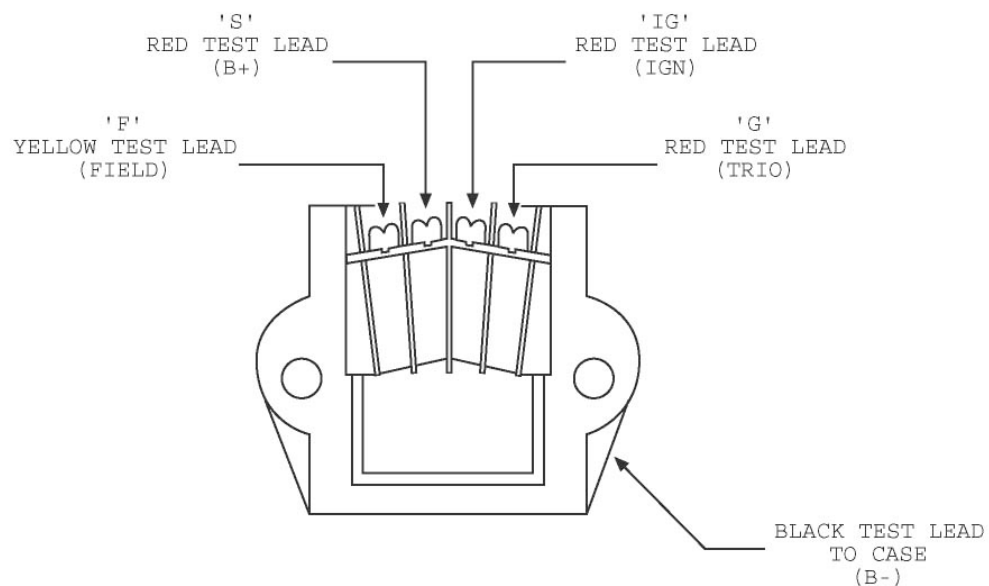
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN234	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove red test lead from terminal marked "S". Field lamp will still blink, and the meter will indicate approximately 15.0V. □

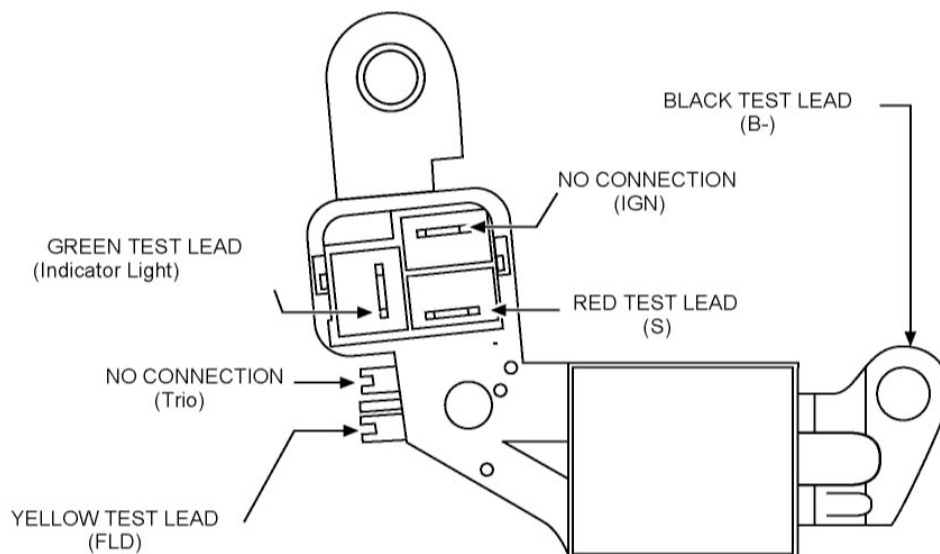


# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN229	A	12	14.1				
IN229HD	A	12	14.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



**NOTE:** When testing the Transpo IN229 or the Original Equipment voltage regulators, the short circuit light may flash and the meter will indicate the set point voltage.



## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

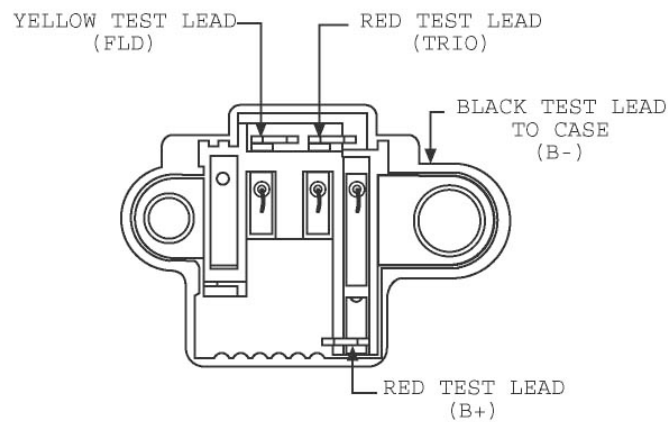
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN218	A	12	14.2				
IN217	A	24	27.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "B+.". The meter should indicate approximately 17V on the IN218 regulator and 28V on the IN236 regulator.

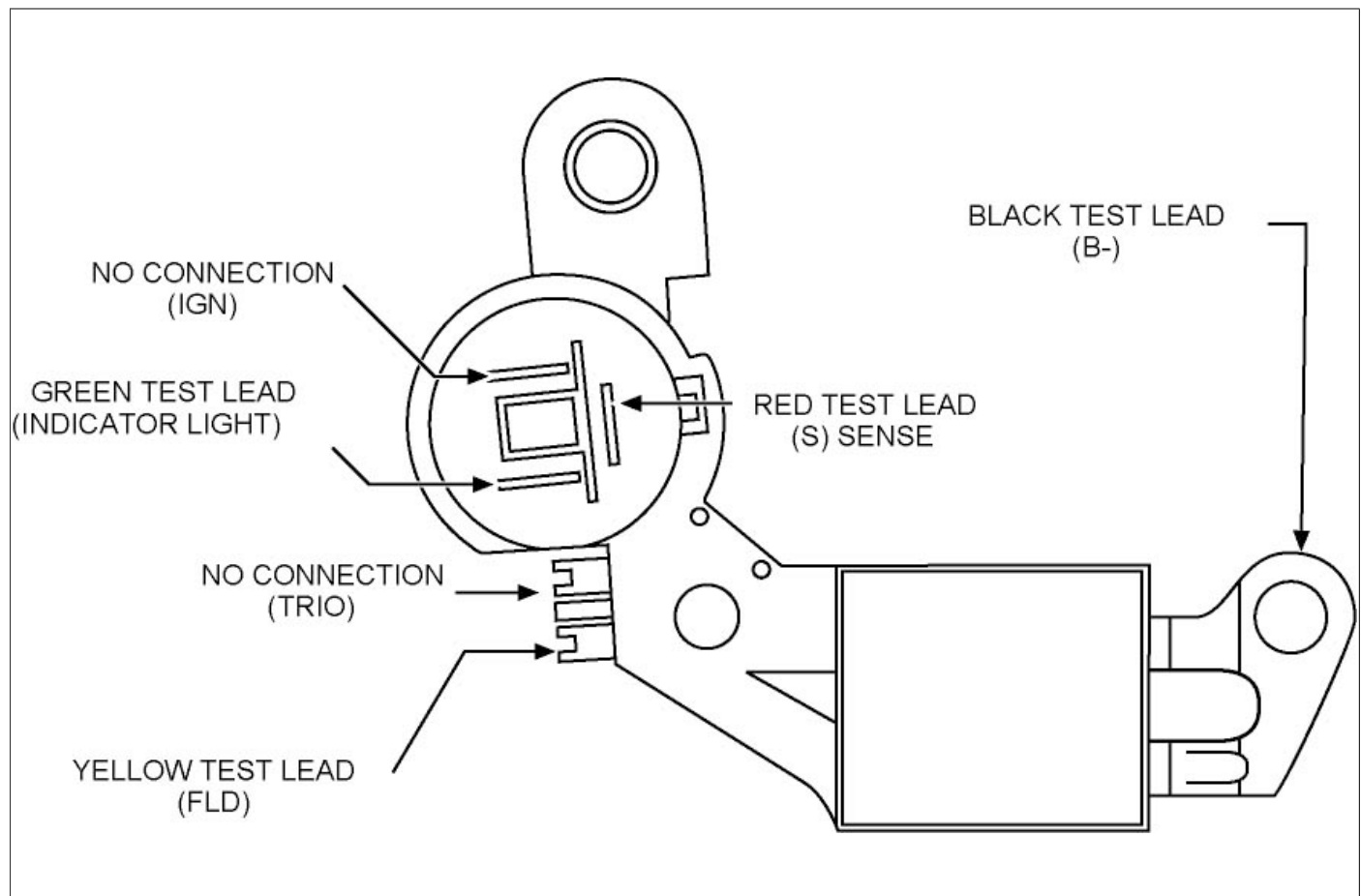


# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN235	A	12	14.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

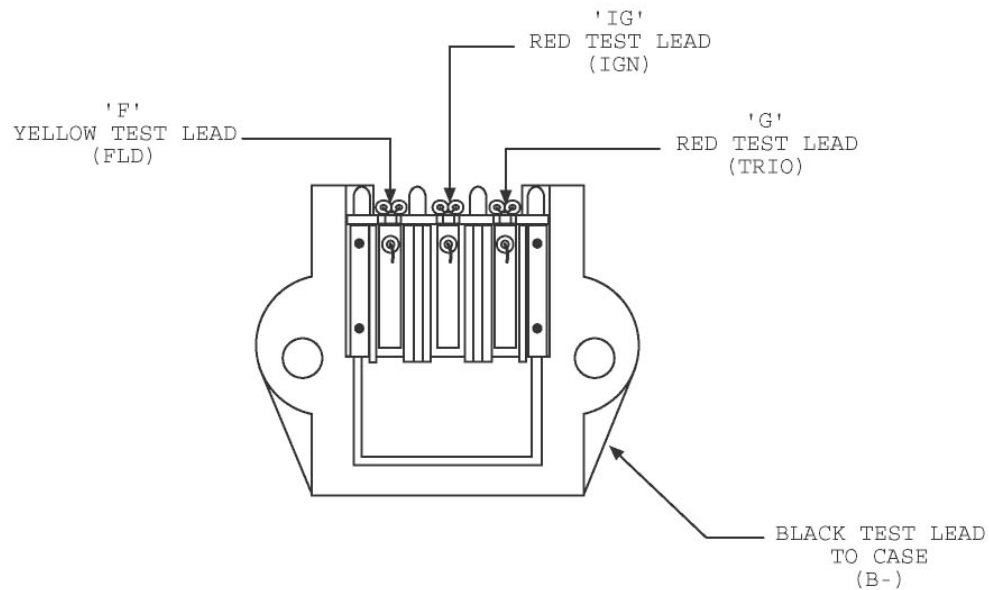


# TRANSPON TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN231	A	12	14.4				
IN232	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

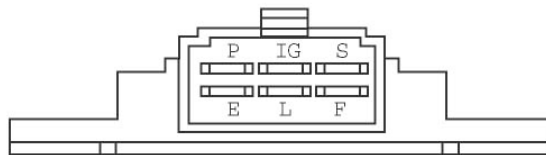
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN223	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove test lead from terminal marked "P" Indicator light should turn on, field lamp will remain on, and the meter will indicate approximately 12.0V.



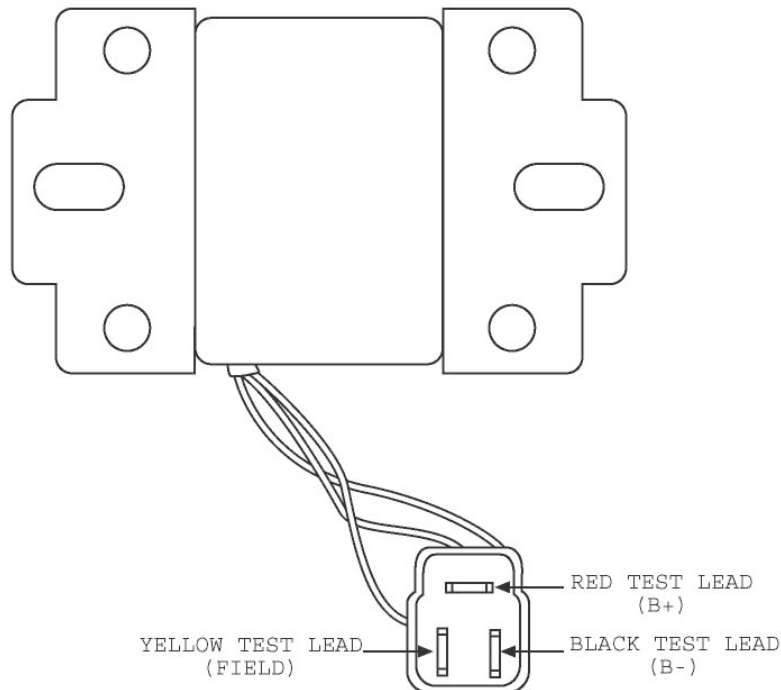
TERMINAL	DESCRIPTION	CONNECTION
P	STATOR	WHITE TEST LEAD (RED FOR O.E.)
IG	IGNITION	RED TEST LEAD
E	GROUND	BLACK TEST LEAD
L	LIGHT	GREEN TEST LEAD
F	FIELD	YELLOW TEST LEAD
S	BATTERY SENSE	RED TEST LEAD

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN550	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

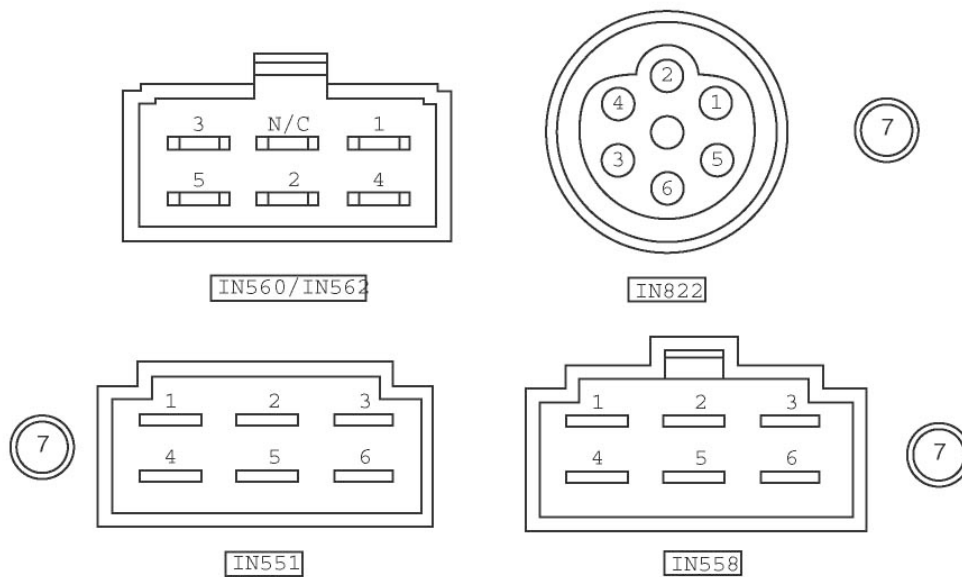
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN551	B	12	14.3	IN822	B	12	14.3
IN558	B	12	14.3	IN579	B	12	14.3
IN560	B	12	14.3				
IN562	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove black test lead from terminal marked "STA". Indicator light should turn on and the meter will indicate the set point voltage.



**NOTES:**

- 1 - RED TEST LEAD (IGN)
- 2 - BLACK TEST LEAD (STA)
- 3 - YELLOW TEST LEAD (FIELD)
- 4 - BLACK TEST LEAD (B-)
- 5 - GREEN TEST LEAD (I.L.)
- 6 - RED TEST LEAD (B+)
- 7 - NO CONNECTION (NOT USED ON IN579)

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

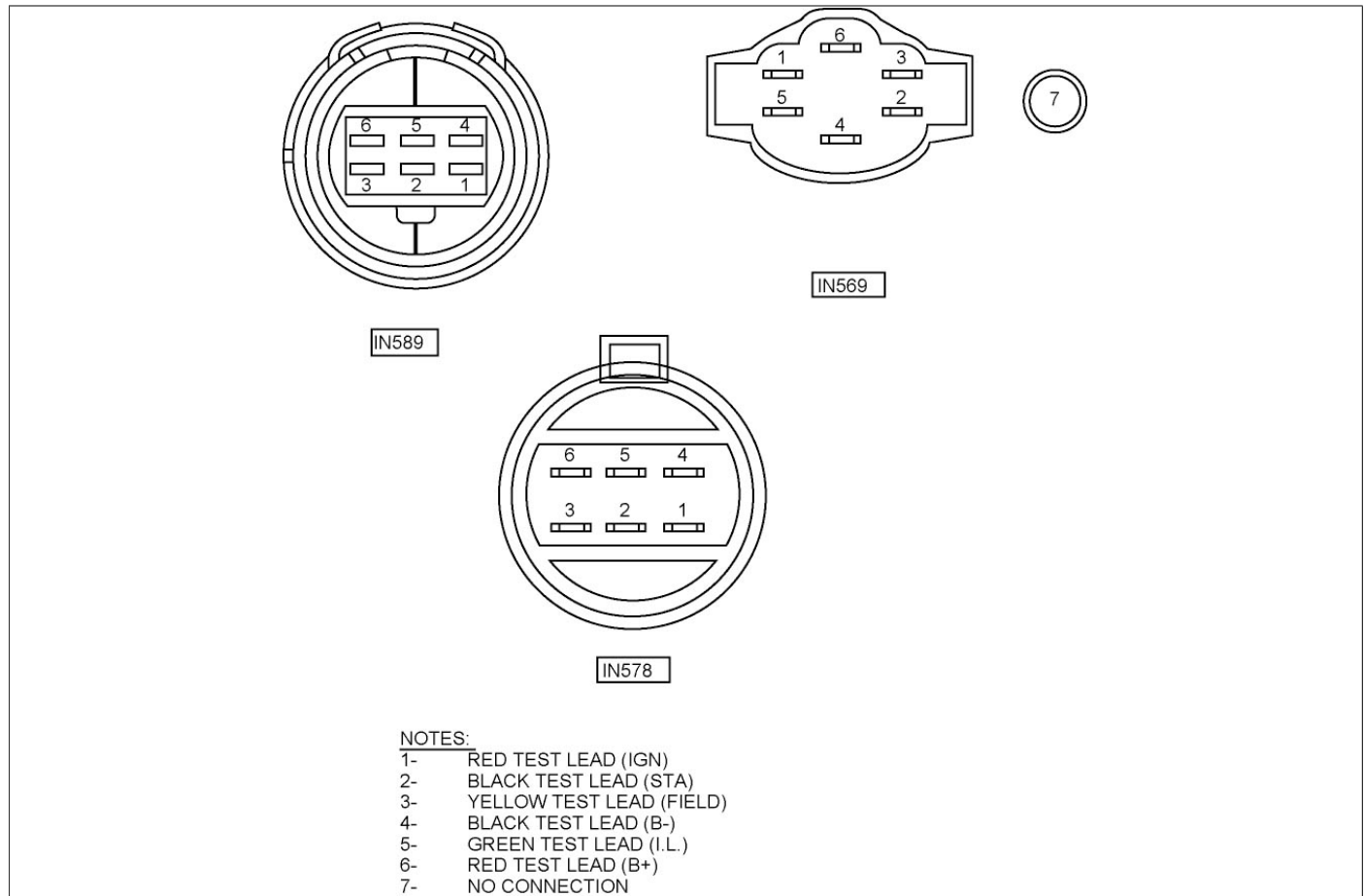
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN569	B	12	14.3				
IN578	B	12	14.3				
IN589	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove black test lead from terminal marked "STA". Indicator light should turn on and the meter will indicate the set point voltage.

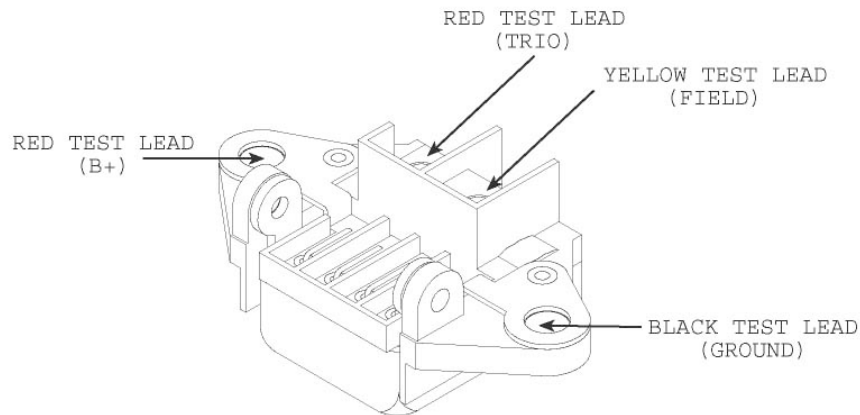


# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN233	A	24	28				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN441	A	14	14.3				
T7441	A	14	14.3				

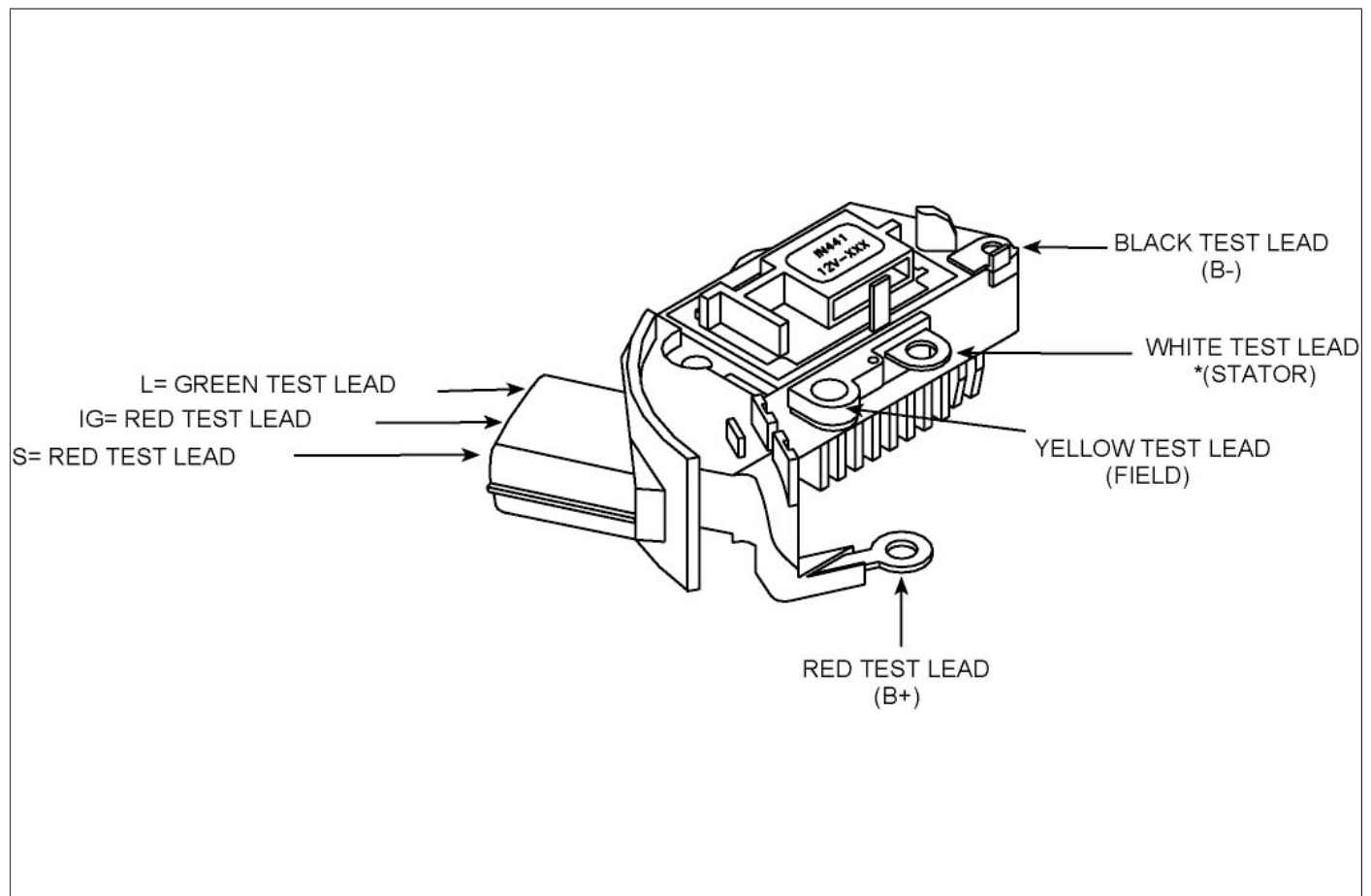
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked Stator. Indicator light will turn on and meter will indicate 12V; Field circuit light stays on. Reconnect. Remove red test lead from terminal marked "IG"; field lamp should turn off meter will indicate 12V.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



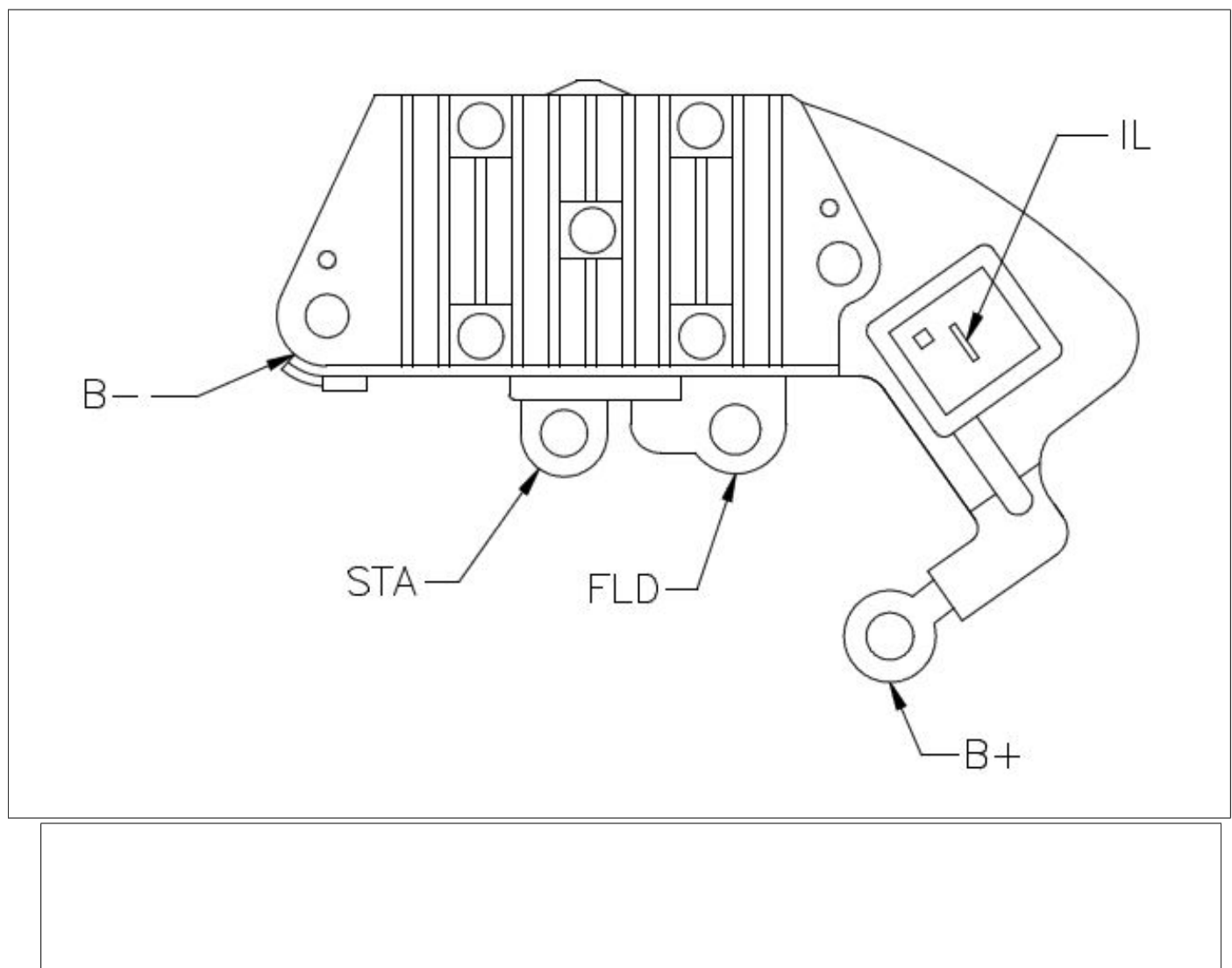
NOTE on Stator: Transpo (White test lead) / OE (Red test lead)

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN442	A	12	14.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove white test lead from terminal marked stator. Indicator light will come on.

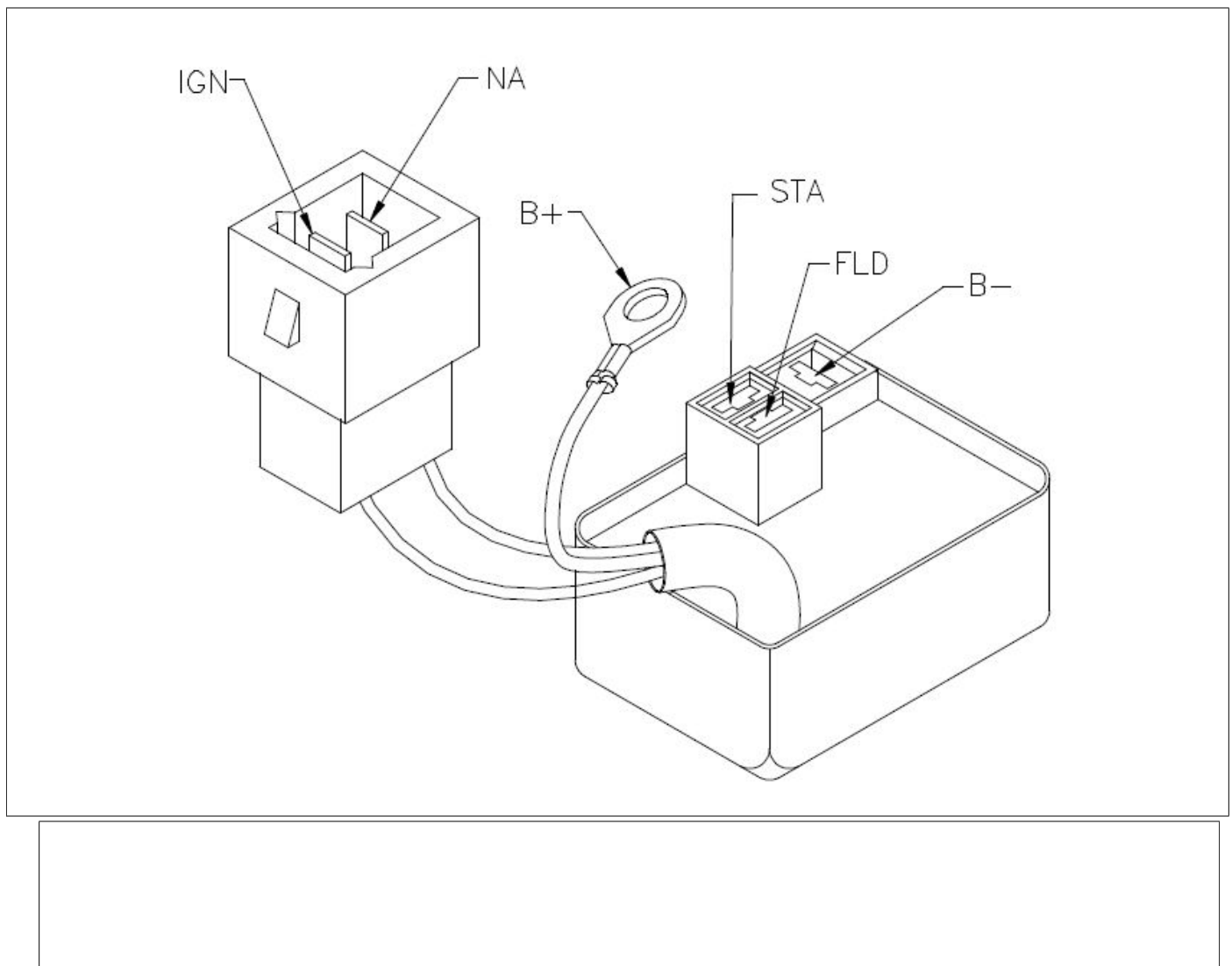


## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN601	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

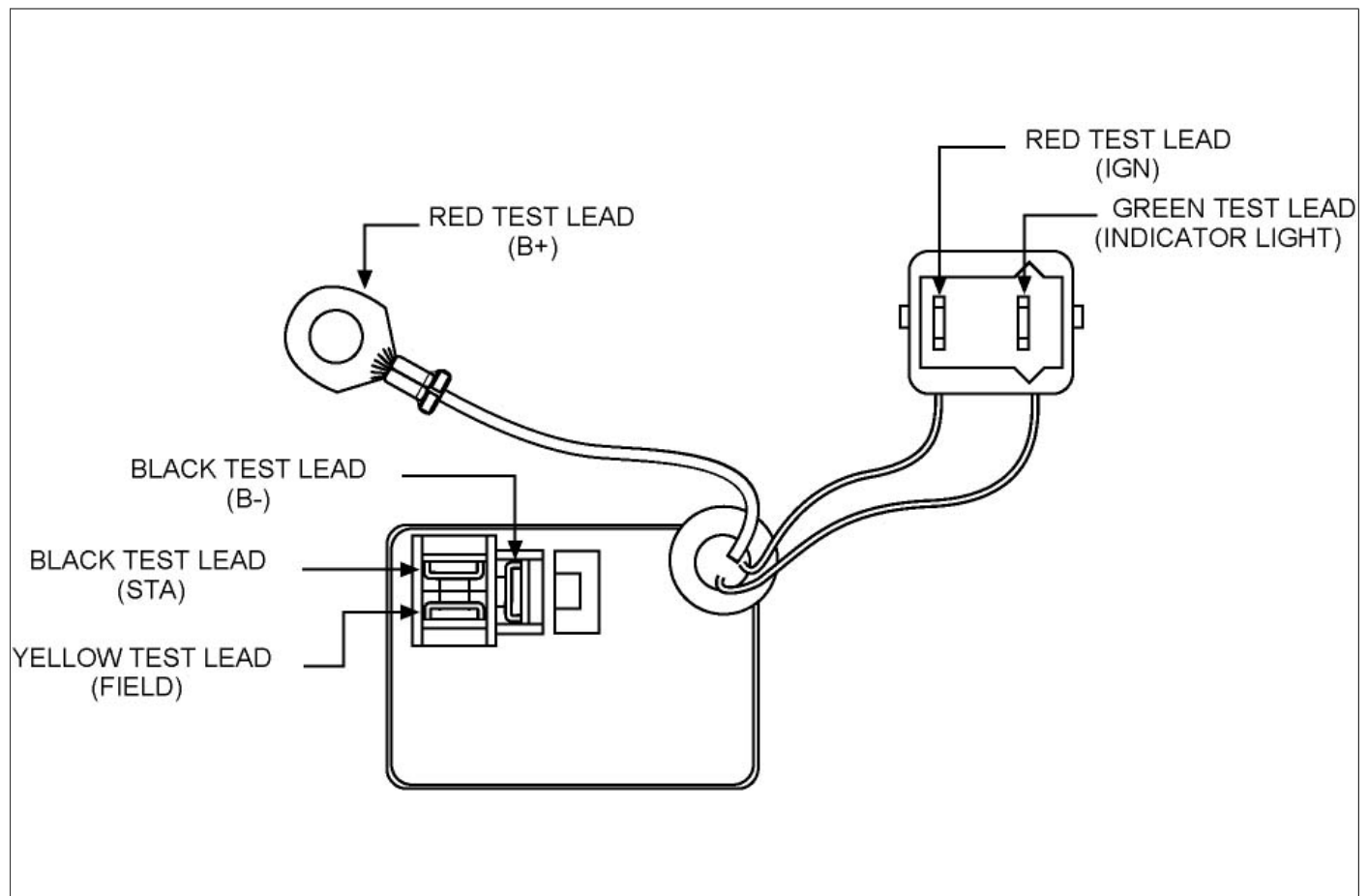
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN602	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove black test lead from terminal marked "STA". Indicator light turn on and the meter will indicator light should turn on and the meter will indicate the set point voltage.

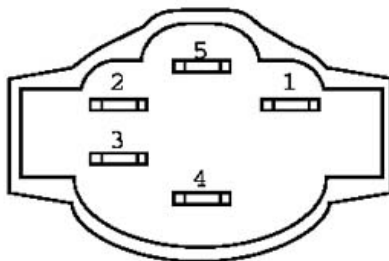


## TRANSPON TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN567	A	12	14.3				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



IN567

**NOTES:**

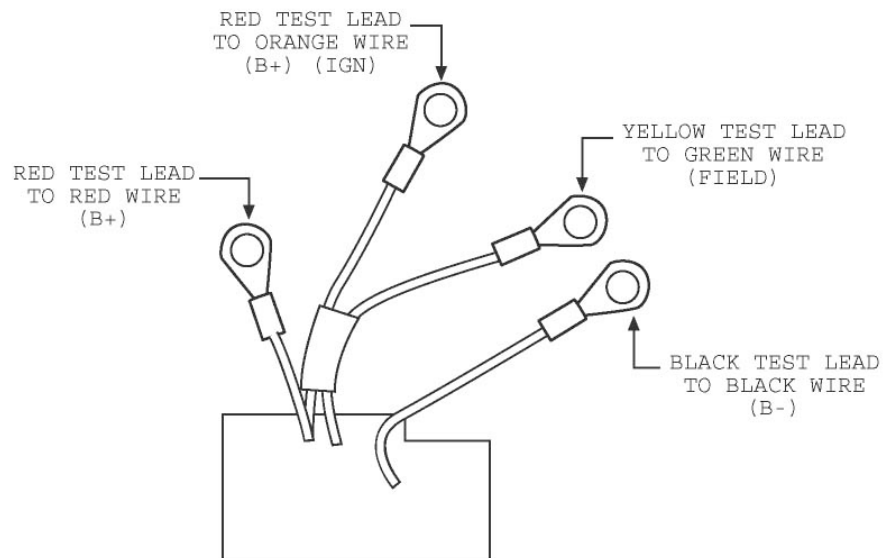
- 1 - YELLOW TEST LEAD (FIELD)
- 2 - RED TEST LEAD (IGN)
- 3 - RED TEST LEAD (I.L.)
- 4 - BLACK TEST LEAD (B-)
- 5 - RED TEST LEAD (B+)

# TRANSPON TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN8315	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

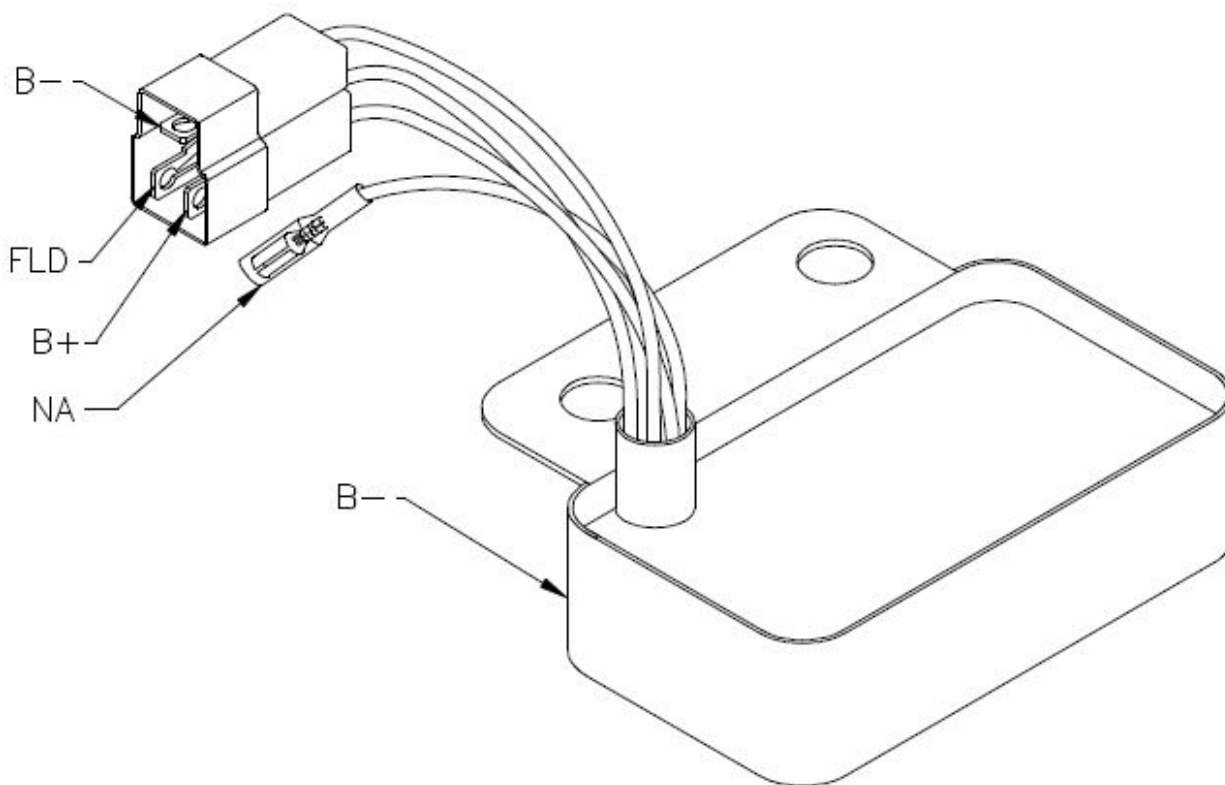


## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN554	B	12	14.3				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

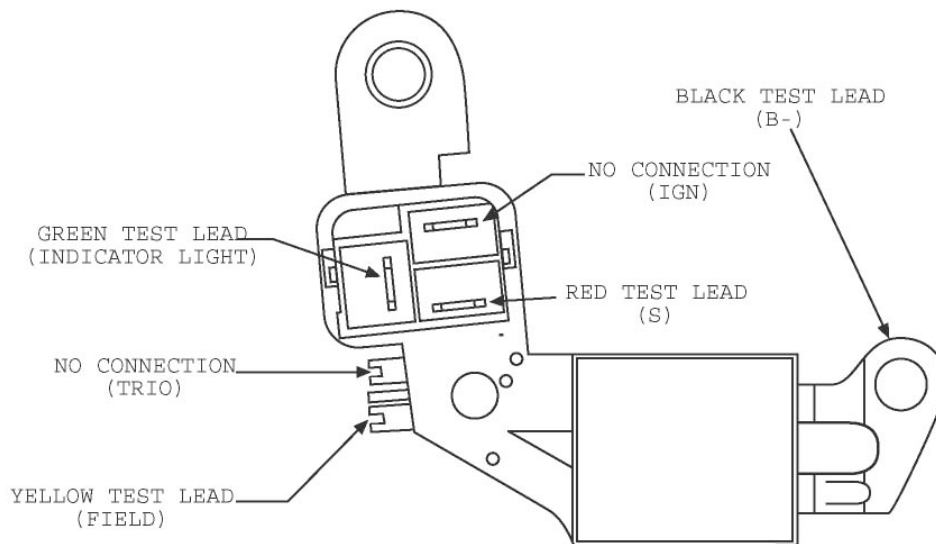


# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN228	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

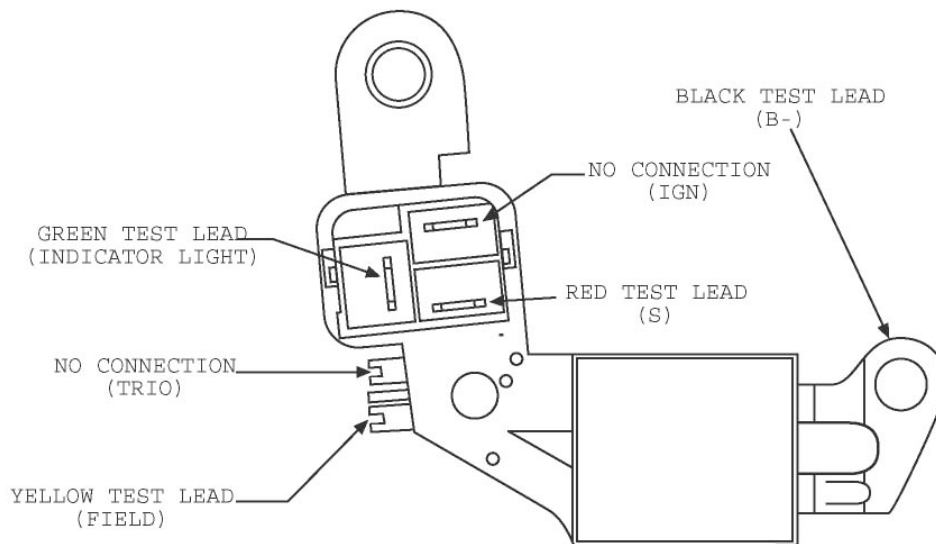
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN230	A	12	14.1				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Indicator light will come on and voltage will rise to approximately 16 volts.



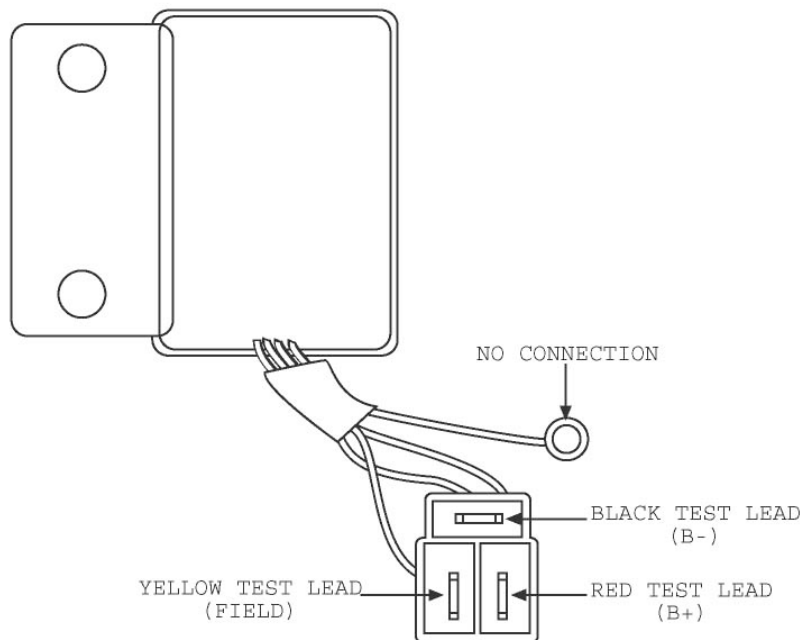
**NOTE:** When testing the Transpo IN230 or the Original Equipment voltage regulators, the short circuit light may flash and the meter will indicate the set point voltage.

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN568	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

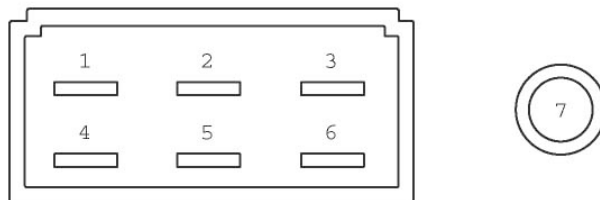
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN821	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove black test lead from the terminal marked "STA". The indicator light should turn on and the meter will indicate the set point voltage.



NOTES:

- 1 - BLACK TEST LEAD (STA)
- 2 - RED TEST LEAD (IGN)
- 3 - GREEN TEST LEAD (I.L.)
- 4 - BLACK TEST LEAD (B-)
- 5 - YELLOW TEST LEAD (FLD)
- 6 - RED TEST LEAD (B+)
- 7 - NO CONNECTION

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN220	A	12	14.4	IN436	A	12	14.0
IN226	A	12	14.4	IN437	A	12	14.4
IN250	A	12	14.4	IN439	A	12	14.4
IN256	A	12	14.4	IN444	A	12	14.4

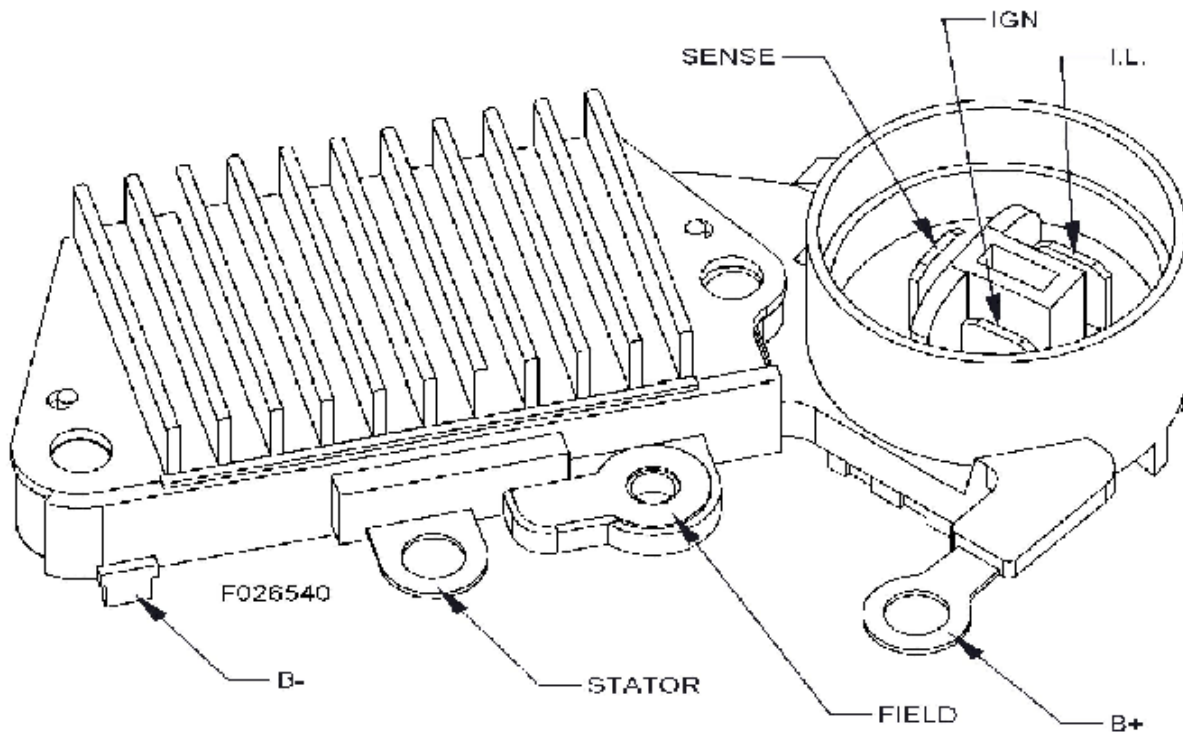
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove test lead from the terminal marked "\*\*". The indicator light will turn on and the meter will indicate approximately 12V and the field lamp will remain fully on (this is the soft start mode of the regulator).

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.



NOTE on Stator: Transpo (White test lead) / OE (Red test lead)

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN434	A	12	14.3				
IN438	A	12	14.3				
T7438	A	12	14.3				

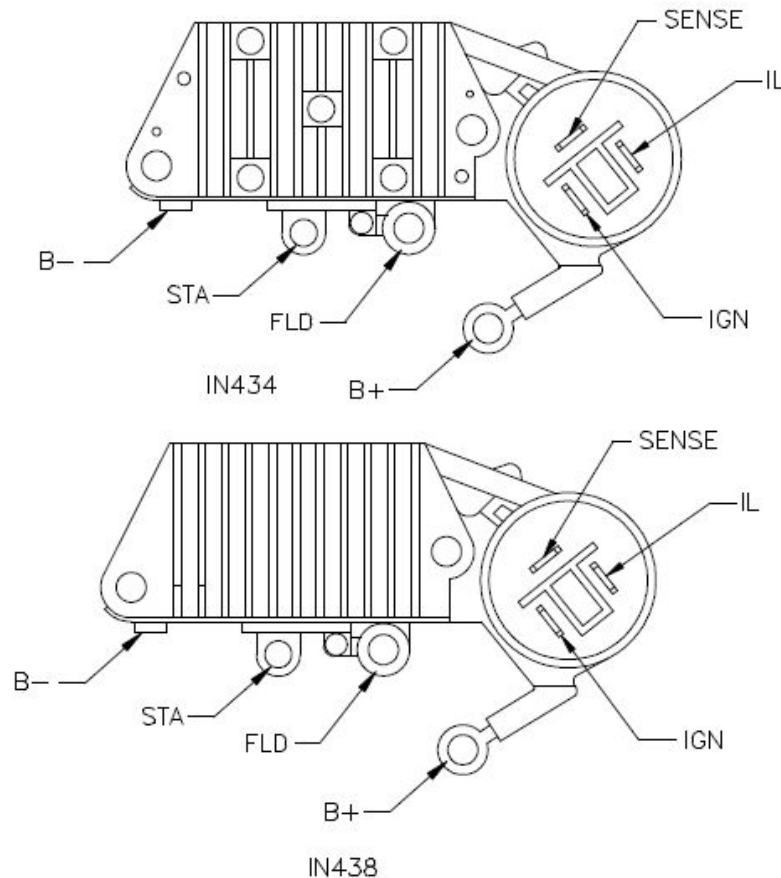
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove test lead from the terminal marked "\*". The indicator light will turn on and the meter will indicate approximately 12V and the field lamp will remain fully on (this is the soft start mode of the regulator).

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



NOTE on Stator: Transpo (White test lead) / OE (Red test lead)

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

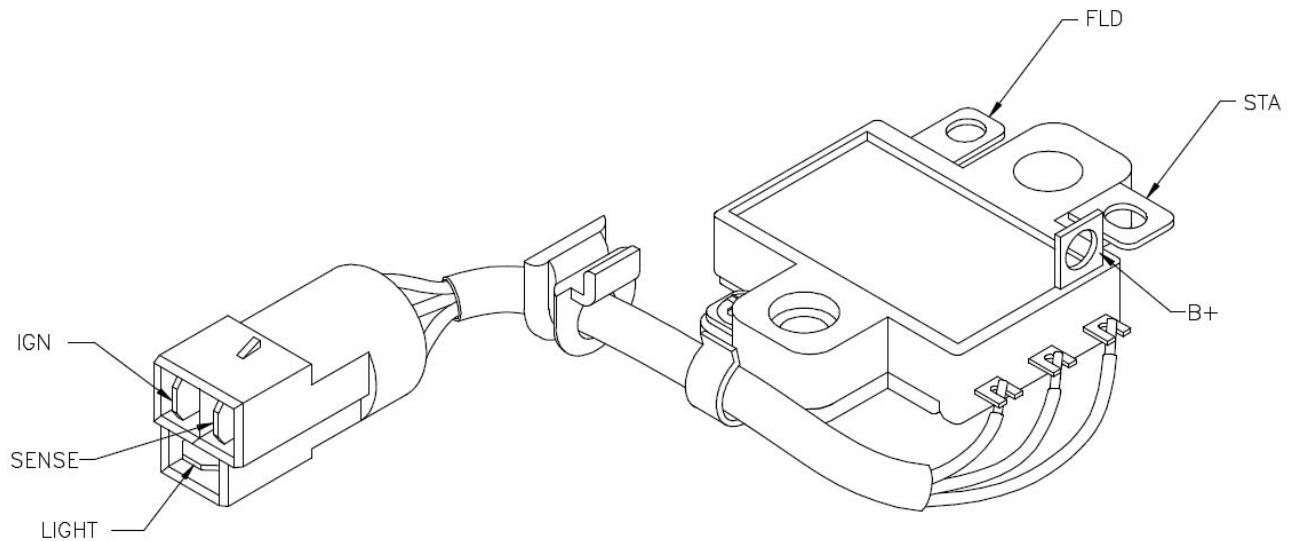
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN920	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove the white test lead from the terminal marked stator, the indicator light will turn on and the meter will indicate approximately 12V. The field lamp will remain fully on . (This is the soft -start mode of the regulator)



NOTE: Transco (White test lead) / OE (Red test lead)

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

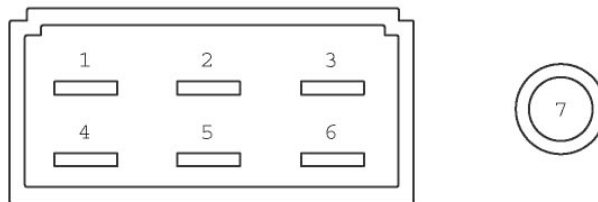
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN555	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove the white test lead from the terminal marked stator, The indicate approximately 12V. The field lamp will remain fully on, (This is the soft-start mode of the regulator.)



#### NOTES:

- 1 - RED TEST LEAD (IG)
- 2 - RED TEST LEAD (STA)
- 3 - YELLOW TEST LEAD (F)
- 4 - BLACK TEST LEAD (B-)
- 5 - GREEN TEST LEAD (IL)
- 6 - RED TEST LEAD (B+)
- 7 - NO CONNECTION

# TRANSPONESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN220E	A	12	14.6				

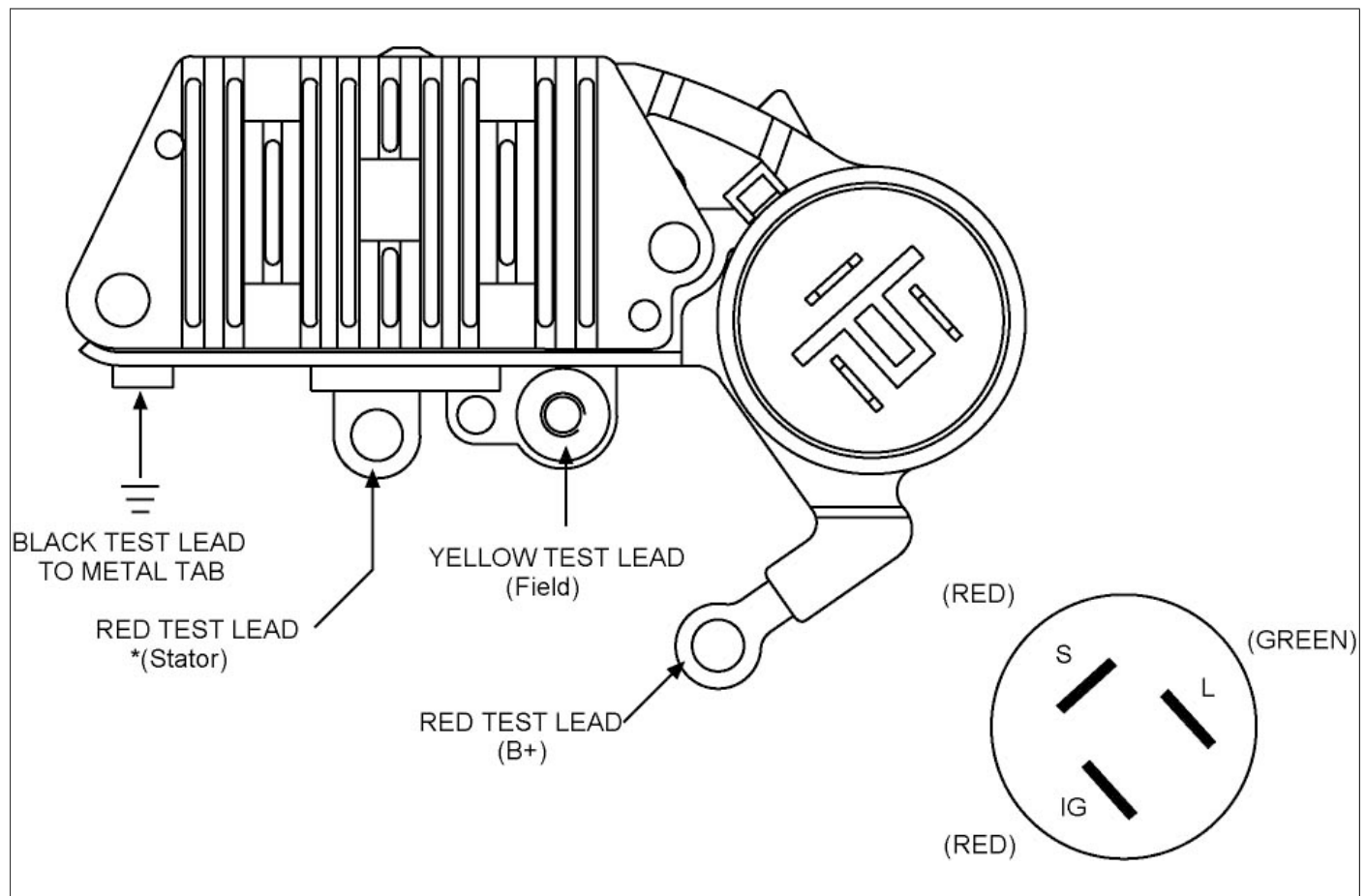
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove test lead from the terminal marked "\*". The indicator light will turn on and the meter will indicate approximately 14.6v. and the field lamp will remain fully on.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.





# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

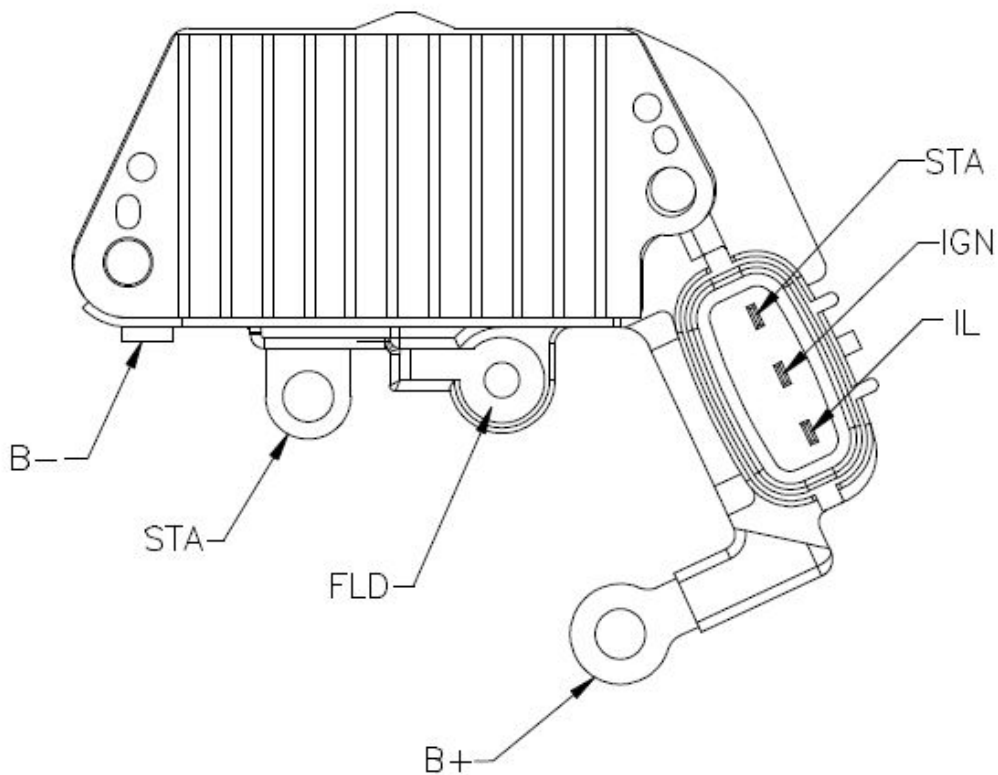
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN450	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



\* NOTE: On OE Regulator connect a Red test lead to stator (STA)

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN445	A	12	14.5				
T7445	A	12	14.5				

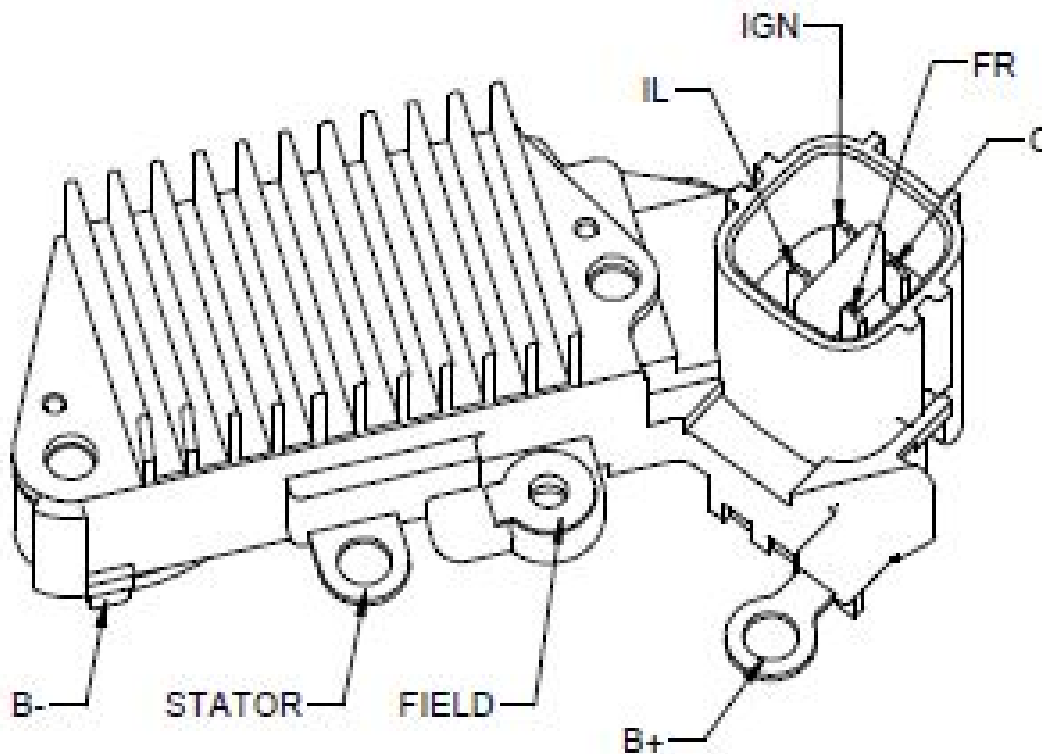
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

\* With regulator 'ON', connect "C" terminal to tester, push Computer button on tester and Voltage should drop to 12.5 volts.

To check for over Voltage, push the "Over Voltage" button and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN453	A	12	14.4				

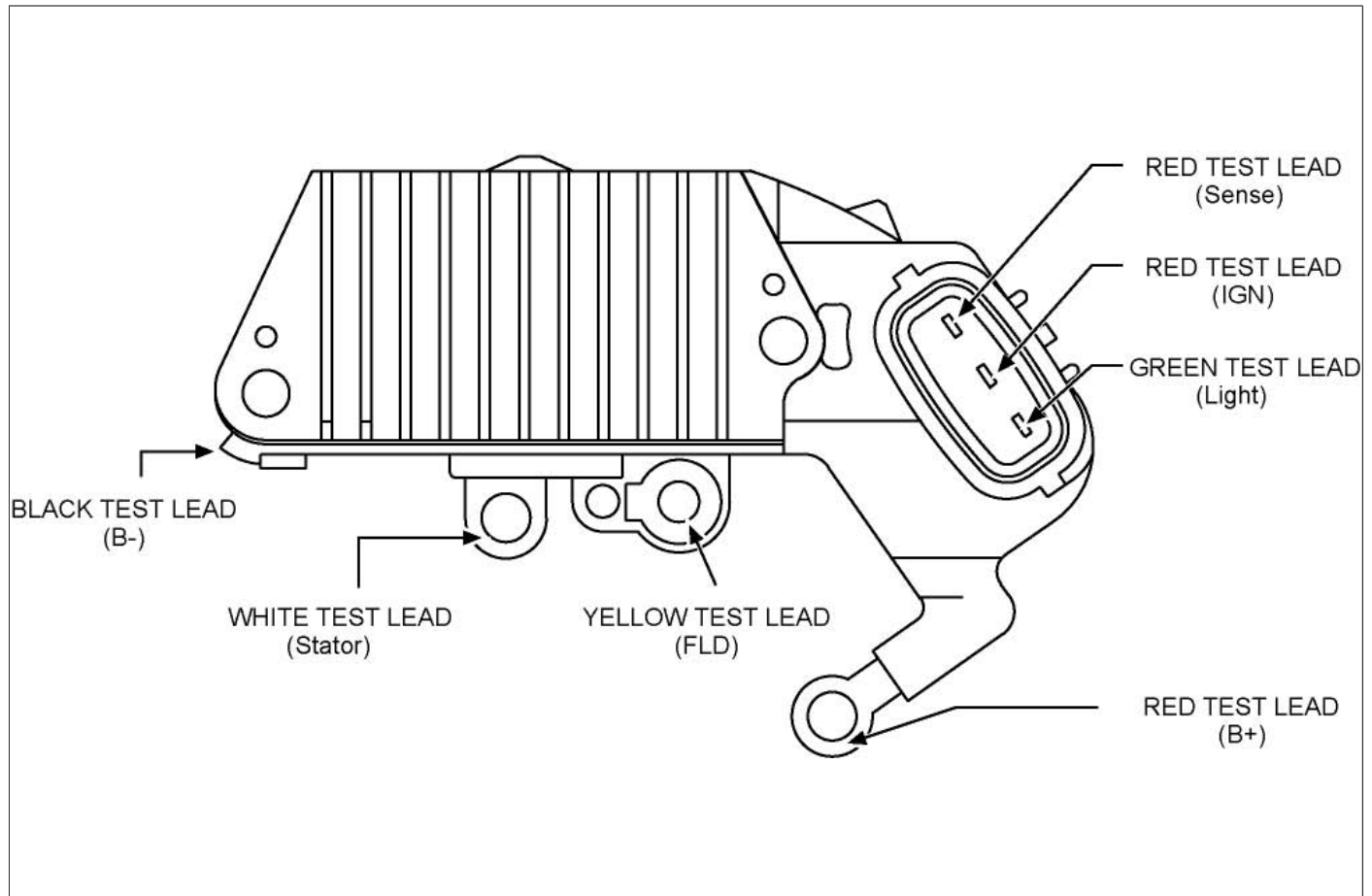
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white lead from stator and voltage should drop to 12.0V and 12V lamp should come on. Field circuit lamp stays on.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

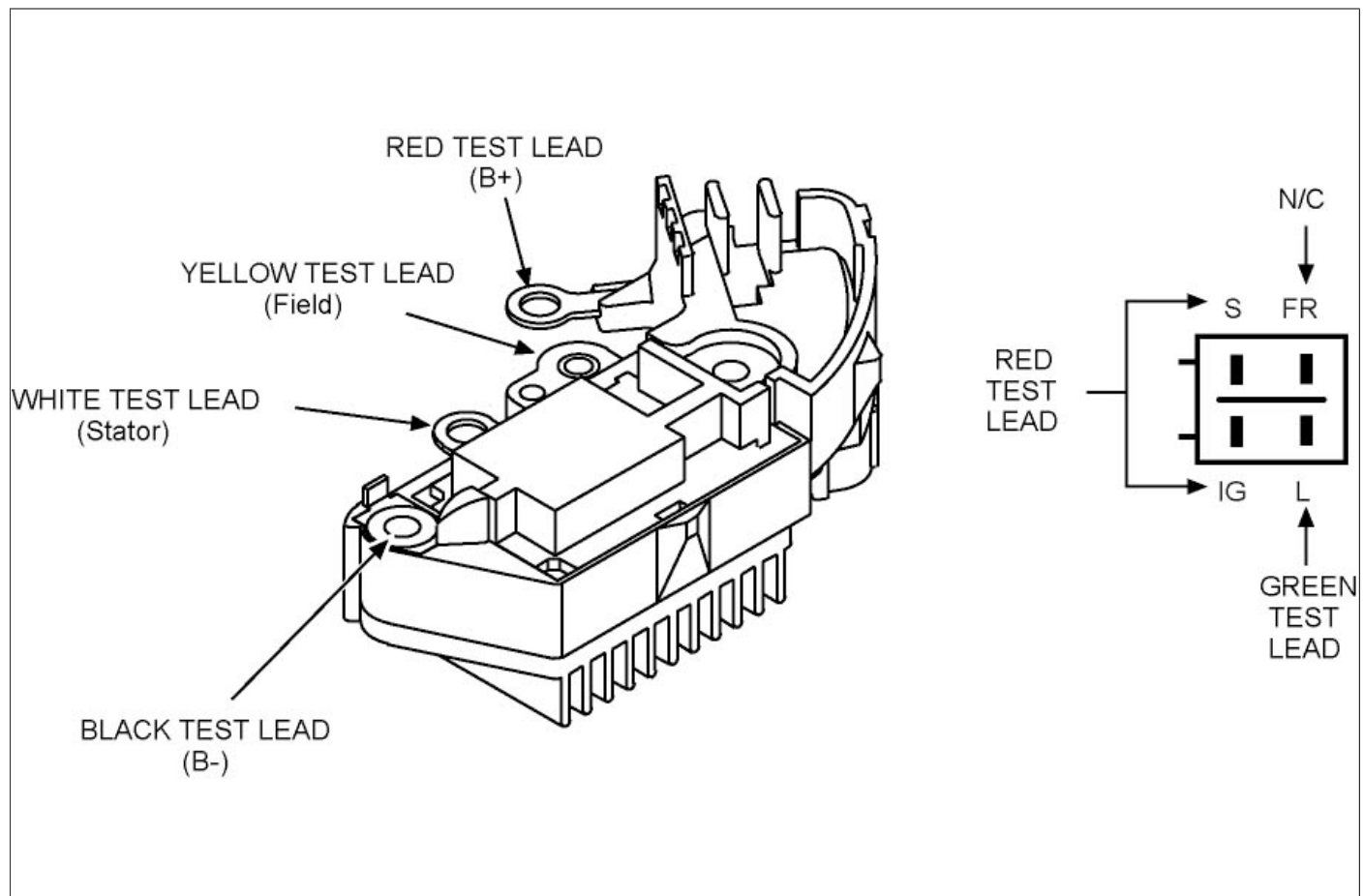


# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN455	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove red test lead from terminal marked "S" and lamp turns on and voltage remains the same.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

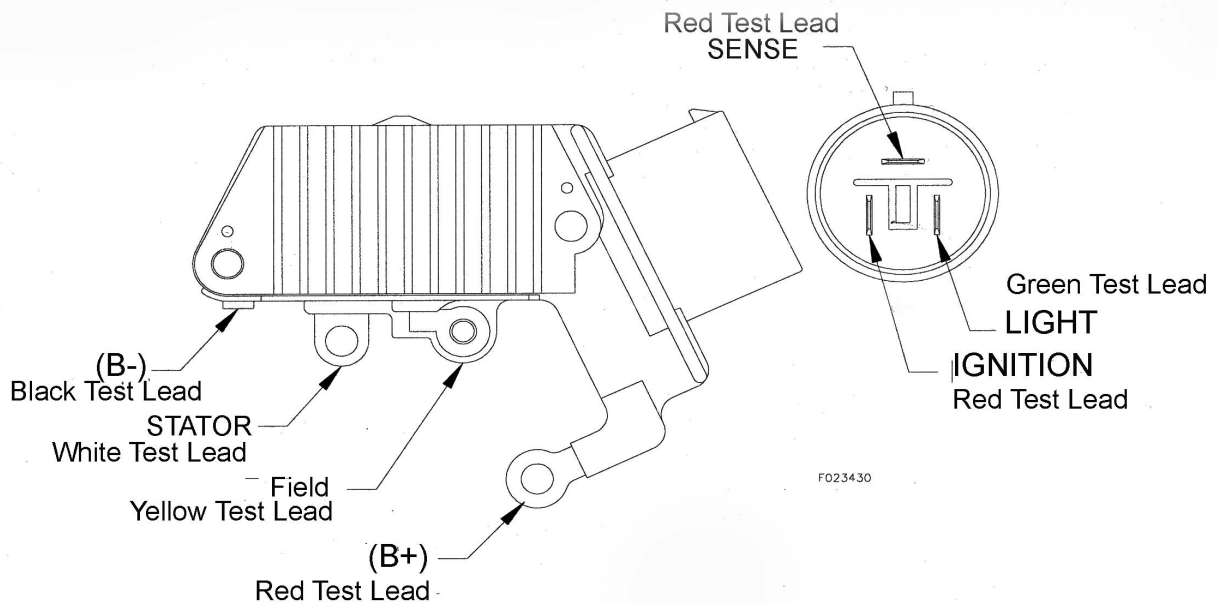
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN277	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect "Stator" terminal, "Light" comes on, voltage goes to 12 Volts and field light stays on. Remove "Light" terminal, Volts will read 12 Volts and field light will go off.

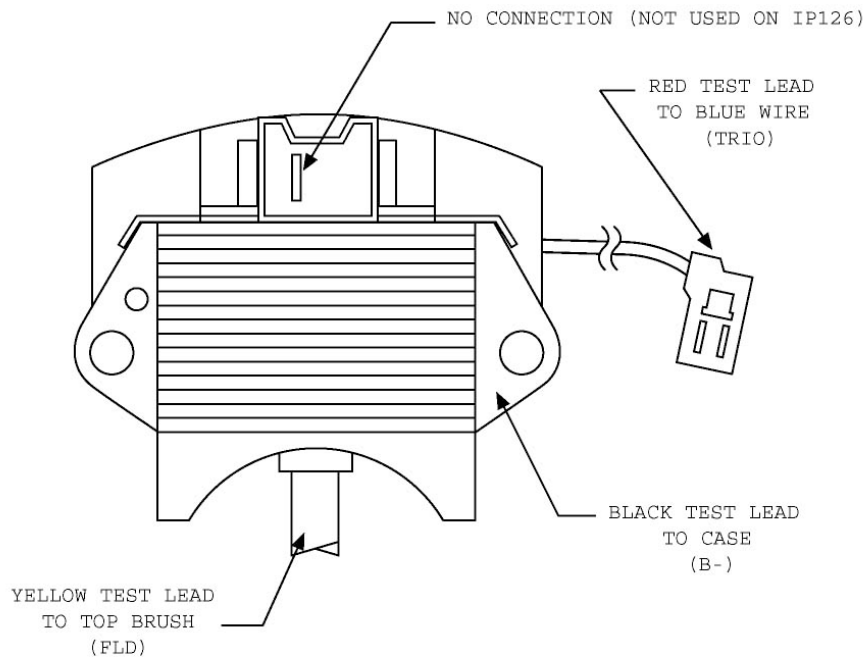


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP125	A	12	14.6				
IP126	A	24	28.4				
IP955	A	24	28.4				
IP125NV	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

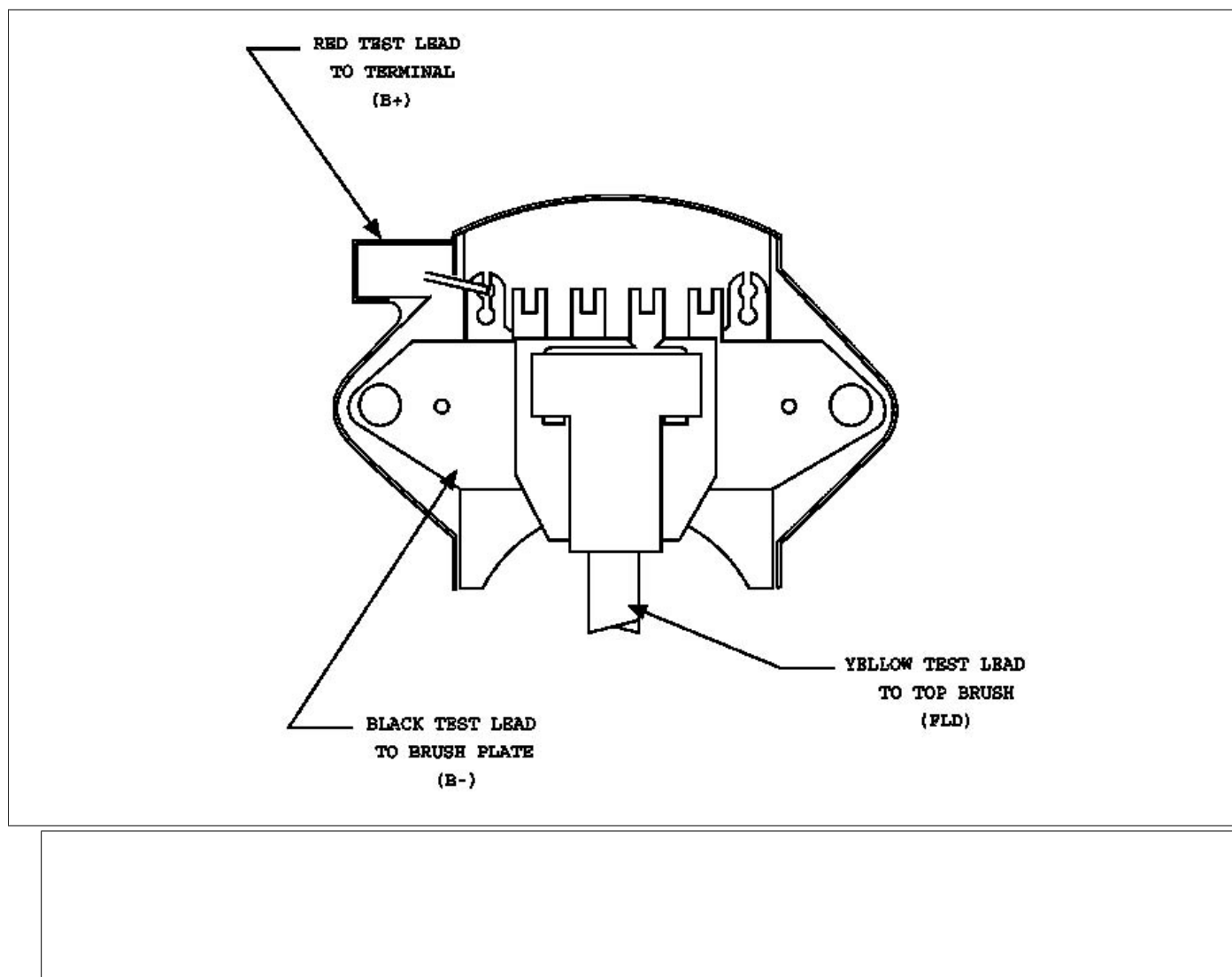


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP127	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

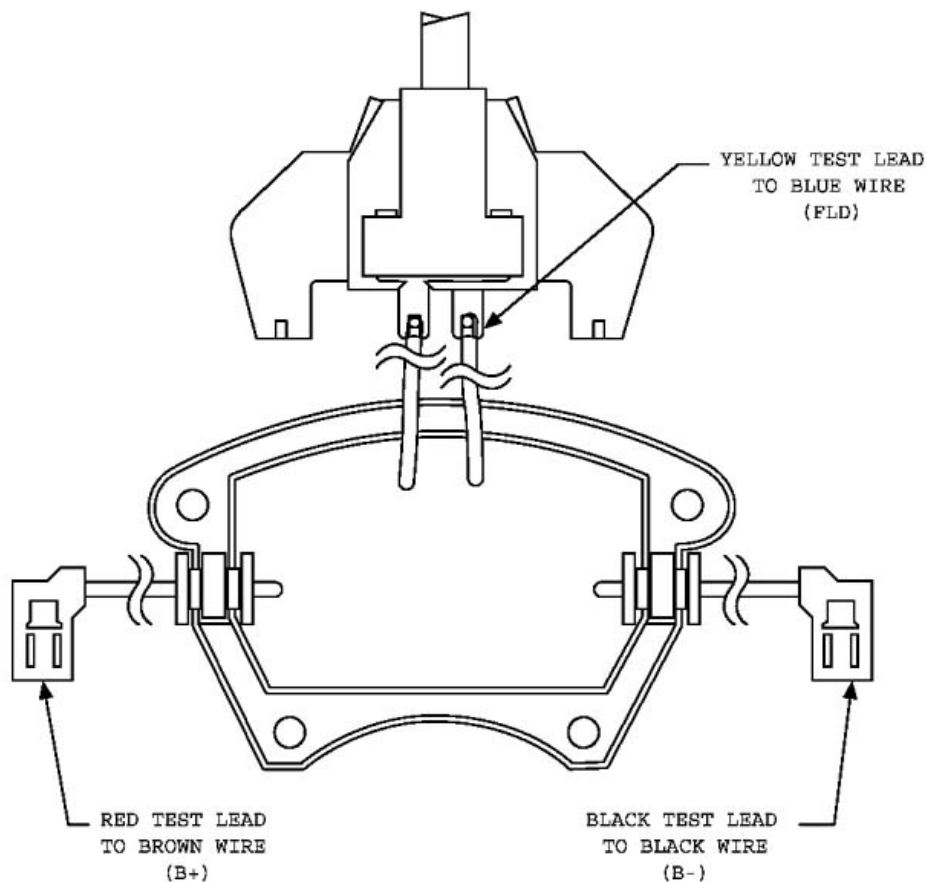


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP135	A	12	14.3				
IP135B	A	12	14.3				
IP129B	A	24	27.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





## TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP122	A	12	14.4				
IP152	A	12	14.2				
IP1639	A	12	14.4				
IP1655	A	12	14.4				

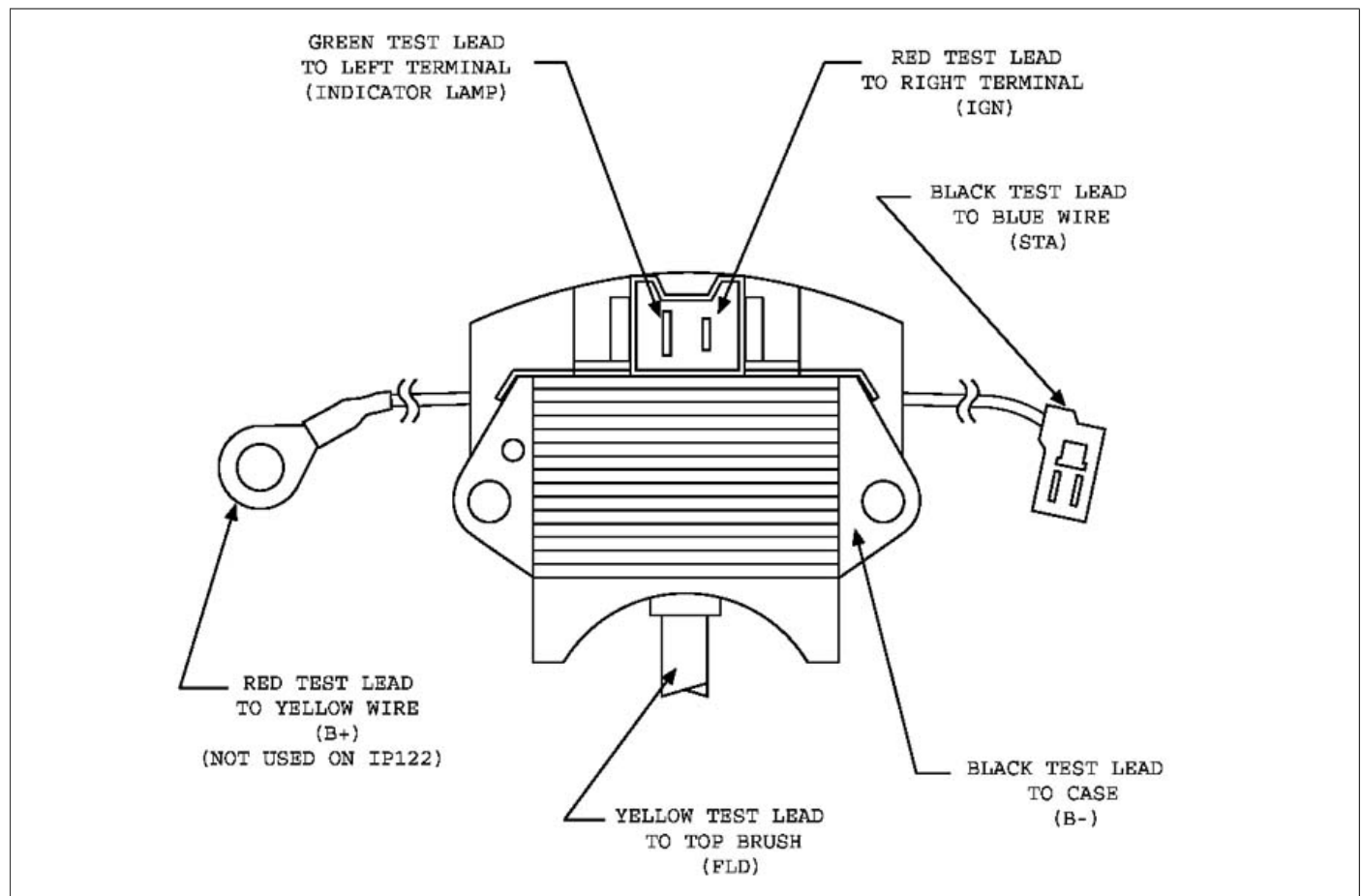
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove black test lead from the blue wire of the regulator . Indicator light should turn on and meter will still indicate the set point voltage.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

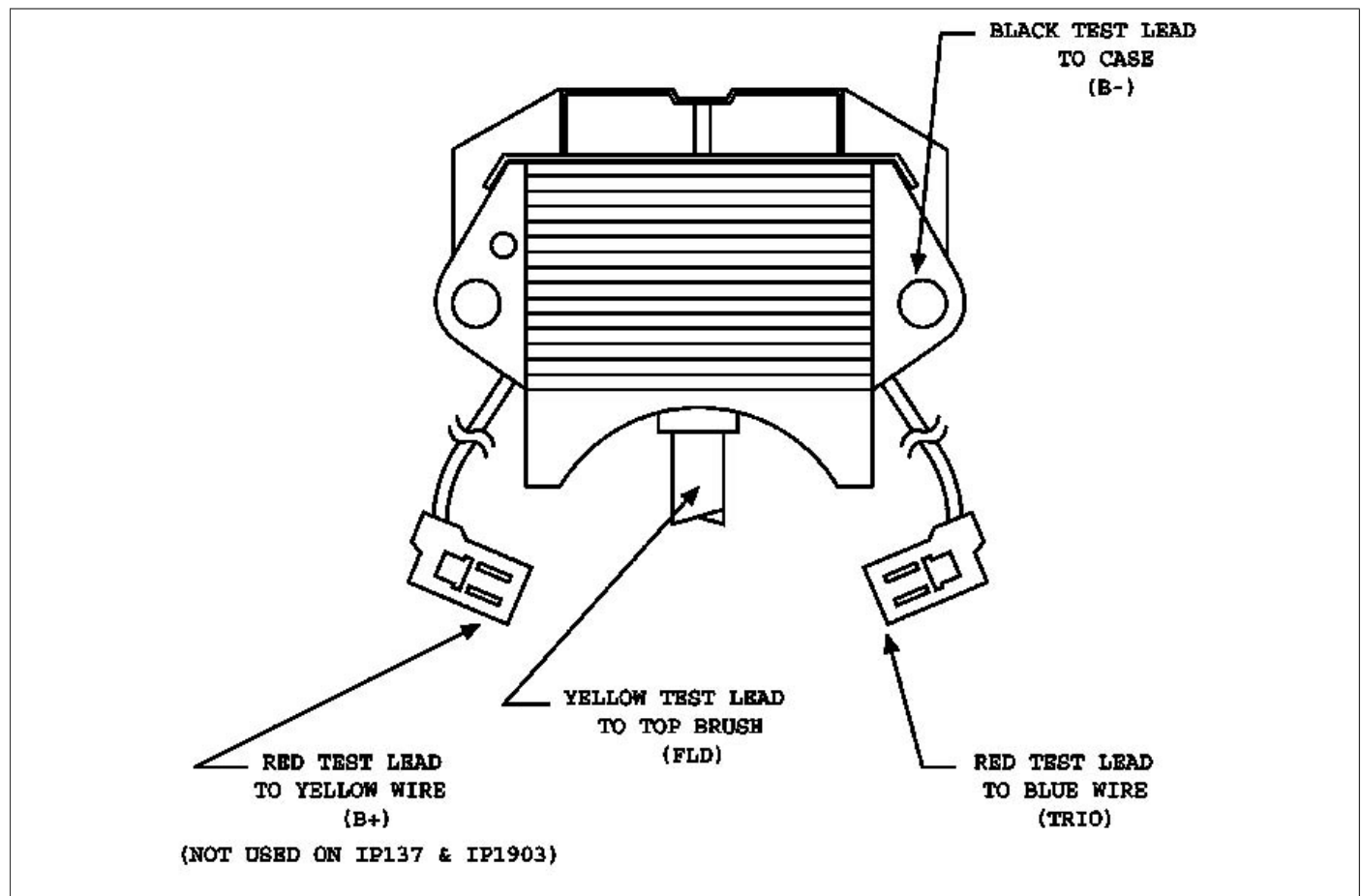


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP137	A	12	14.6				
IP1903	A	12	14.6				
IP2700	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

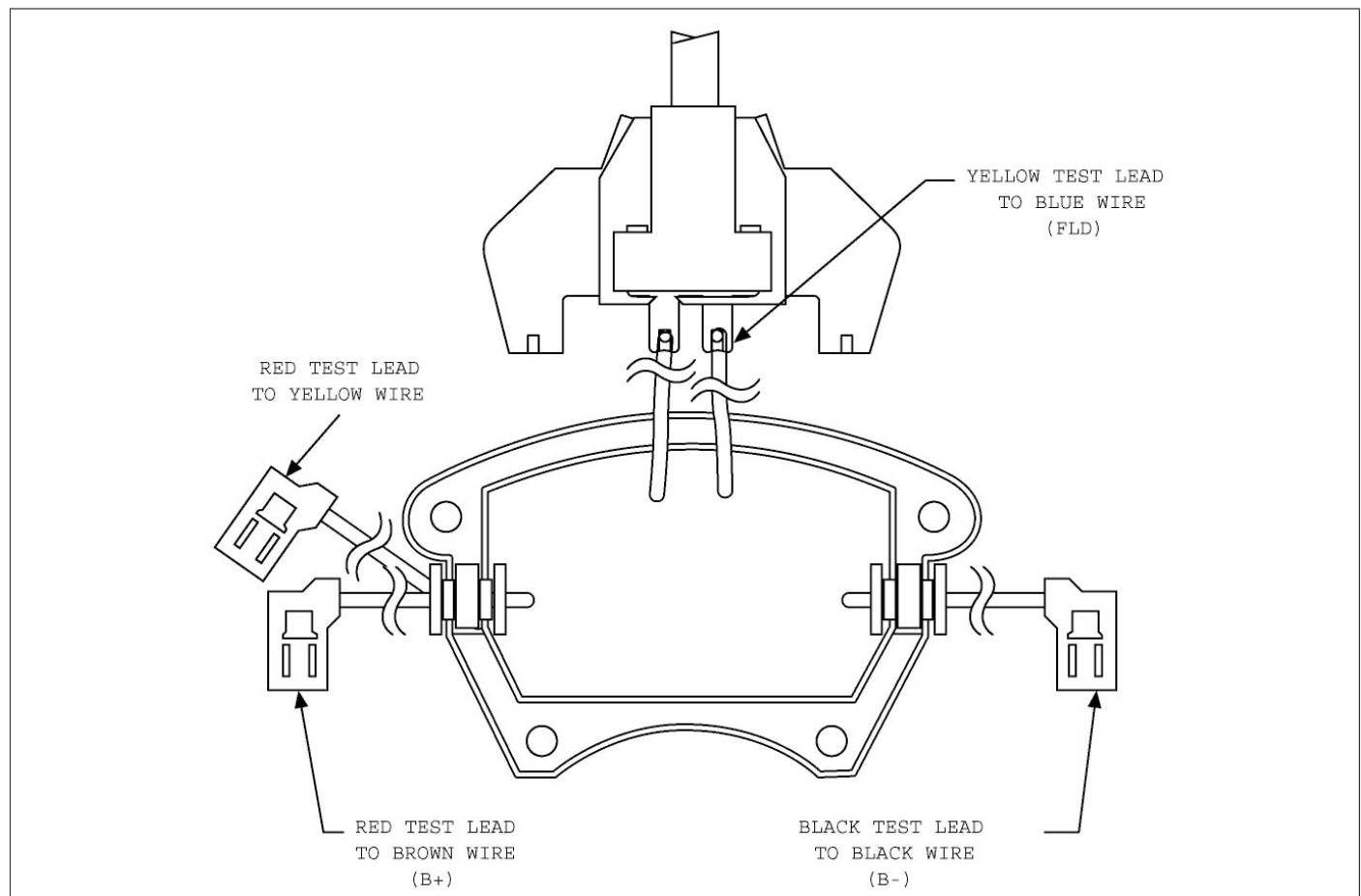


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP735B	A	12	14.3				
IP729B	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

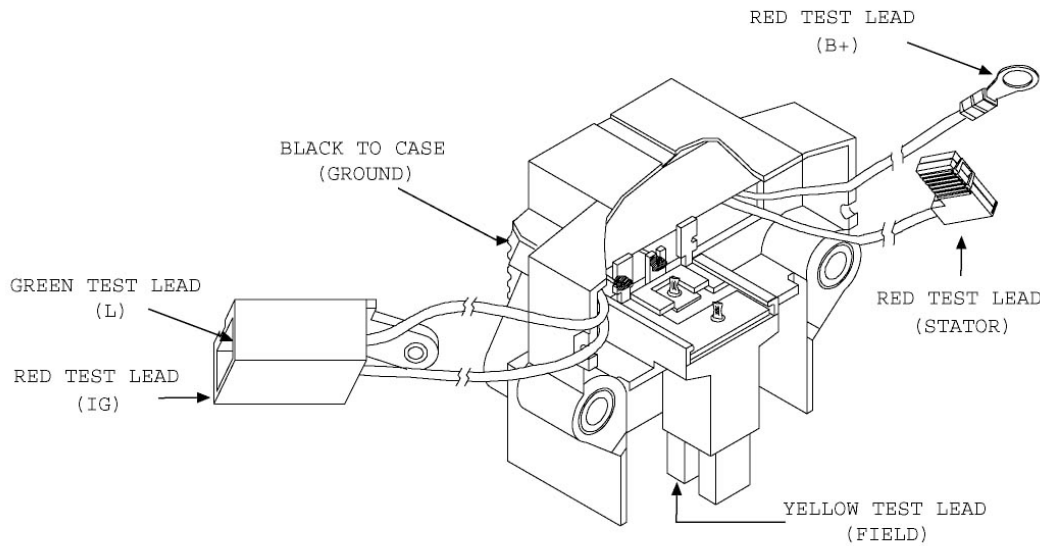
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP130	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from the stator wire of the regulator. indicator light should turn on and meter will still indicate the set point voltage.

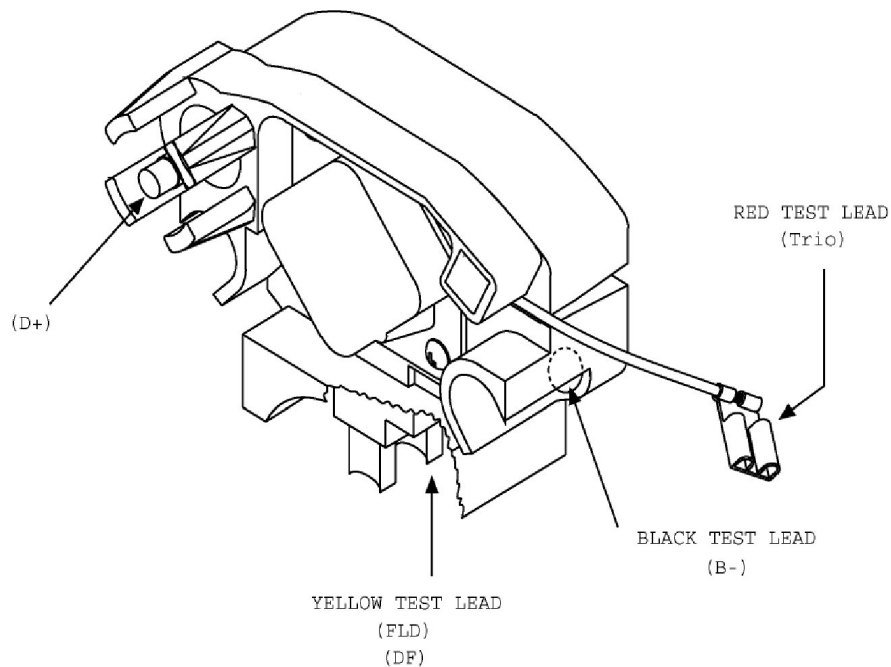


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP1926	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

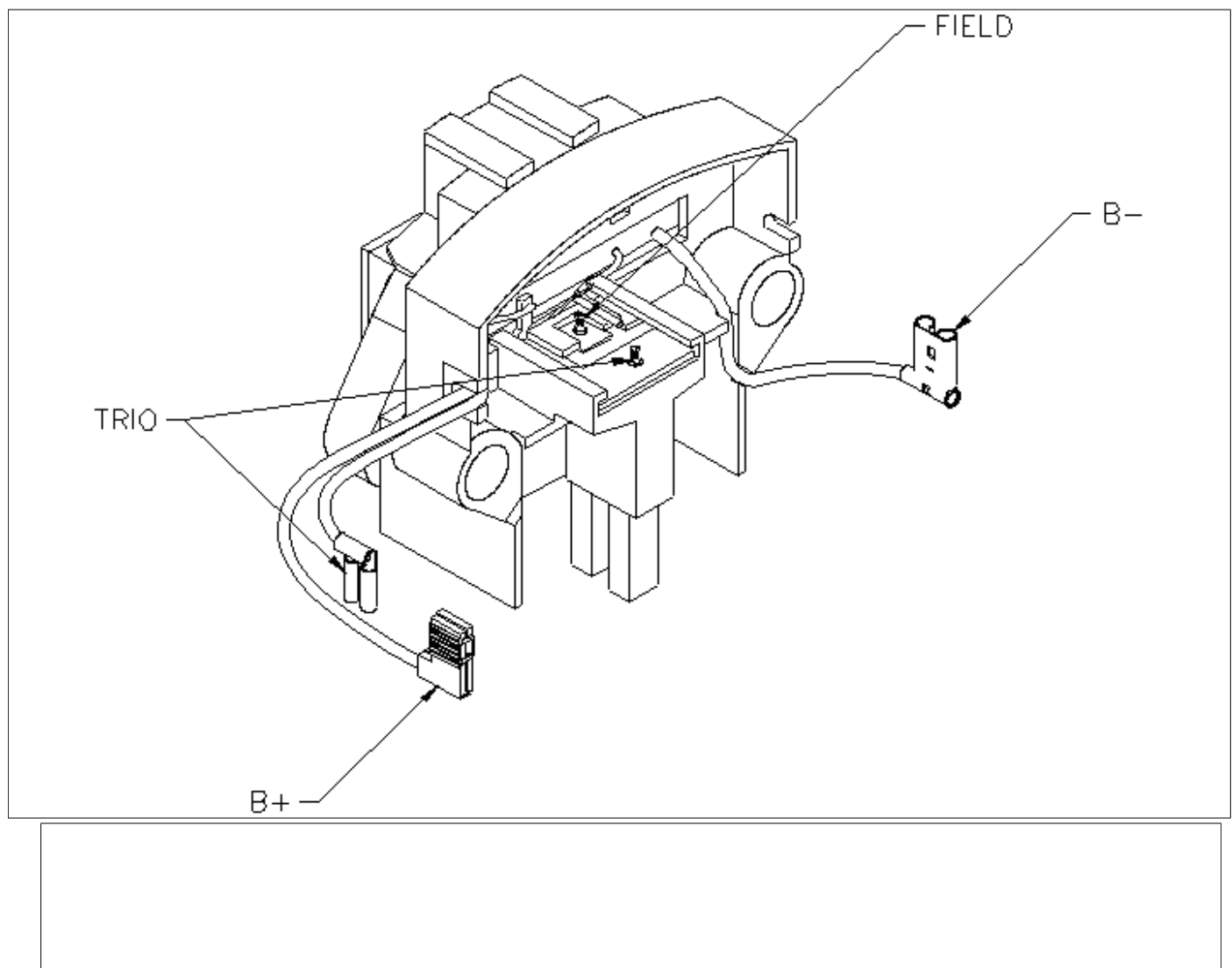


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP736	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

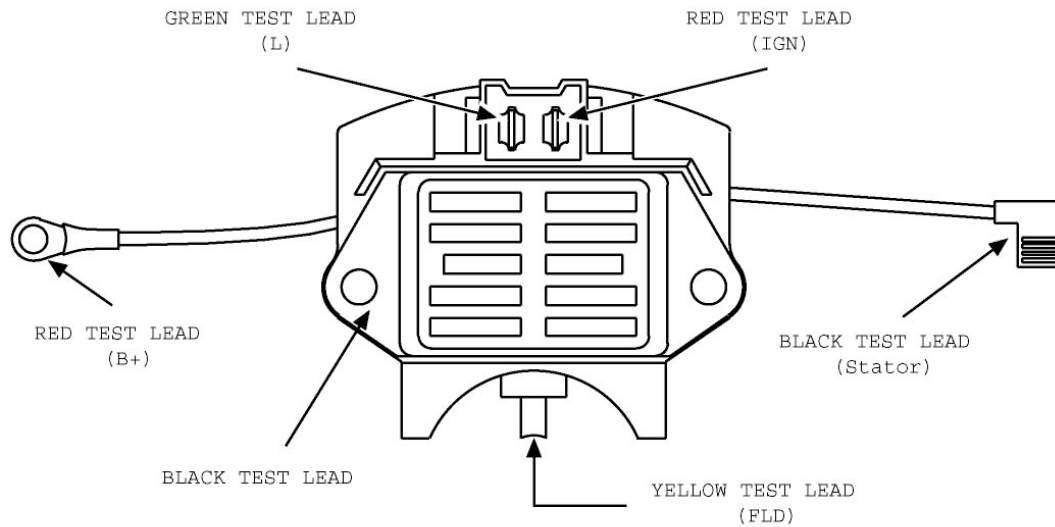


# TRANSCO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP123	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove black test lead from blue wire. Indicator light should turn on and voltage will remain the same.



# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP1652	A	12	14.4				

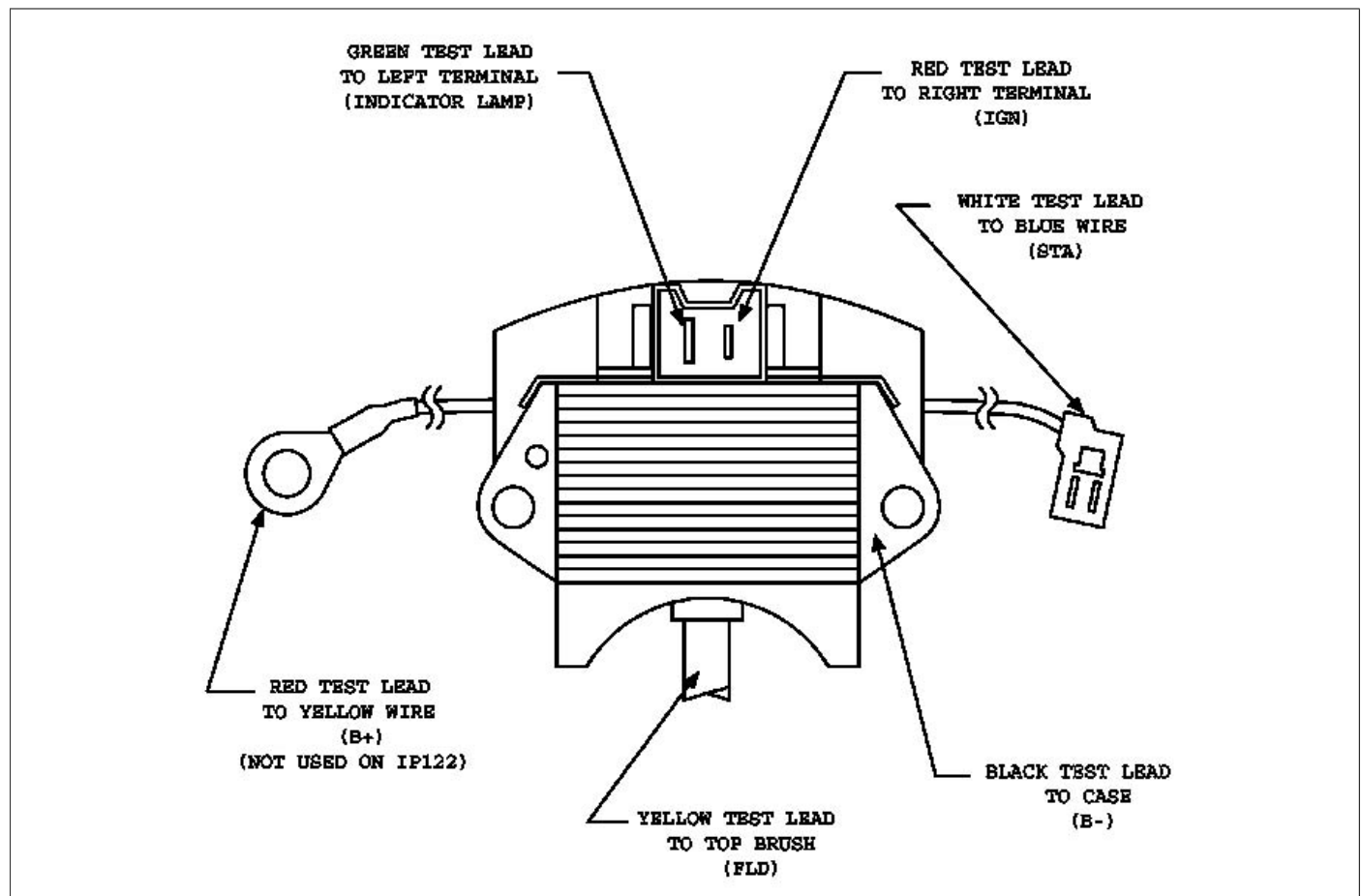
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from the blue wire of the regulator. Indicator light should turn on and meter will read approximately 12 volts.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



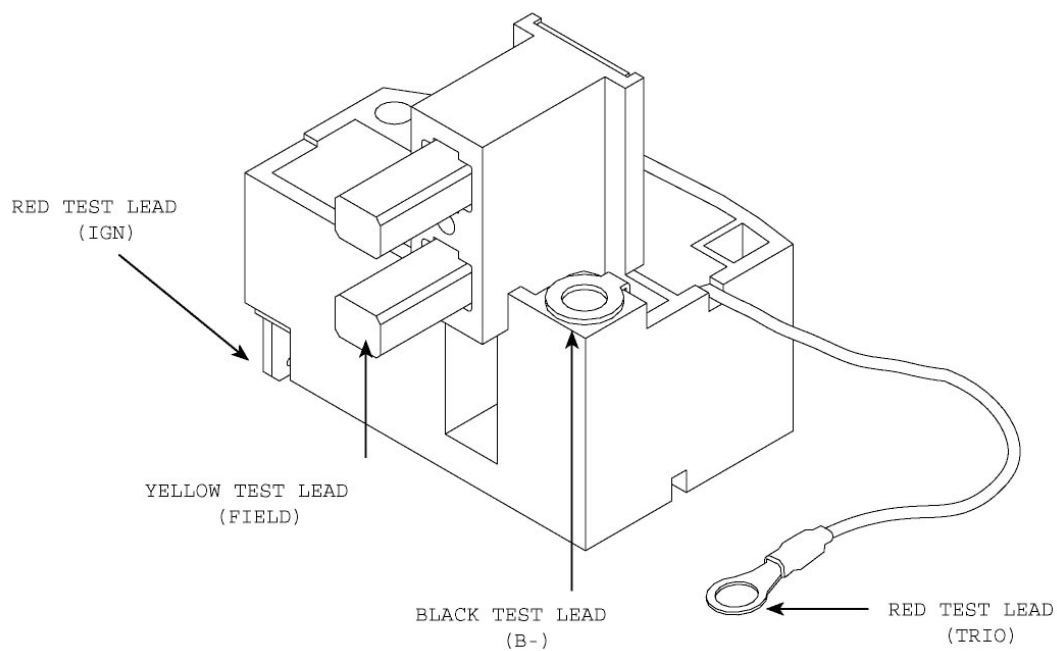


# TRANSPO TESTER INSTRUCTIONS

for LADA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IR674	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

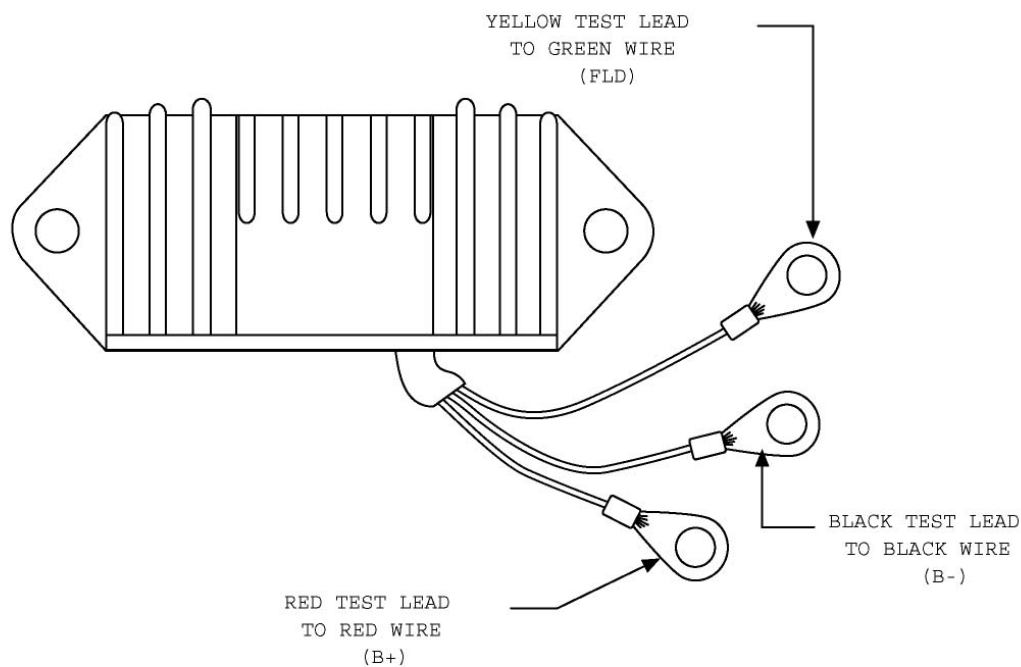


# TRANSPO TESTER INSTRUCTIONS

for SEV MARCHAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IS219	B	12	14.2				
IS219A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

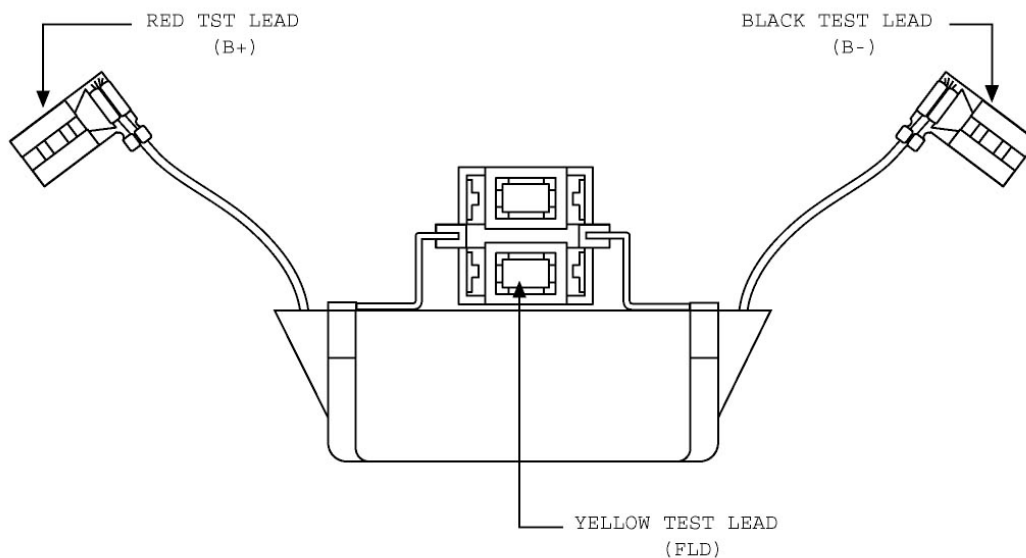


## TRANSPO TESTER INSTRUCTIONS

for SEV MARCHAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IS222	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

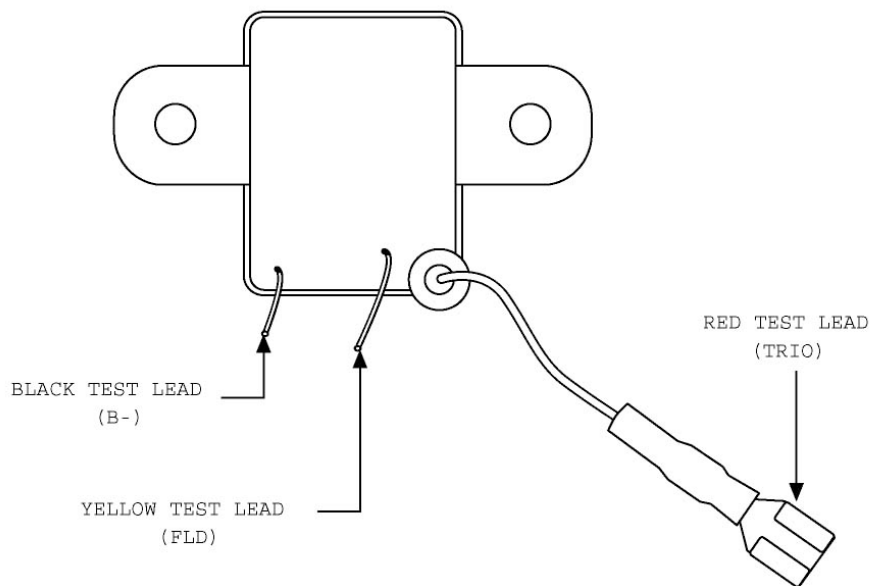


# TRANSPO TESTER INSTRUCTIONS

for SEV MARCHAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IS301	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

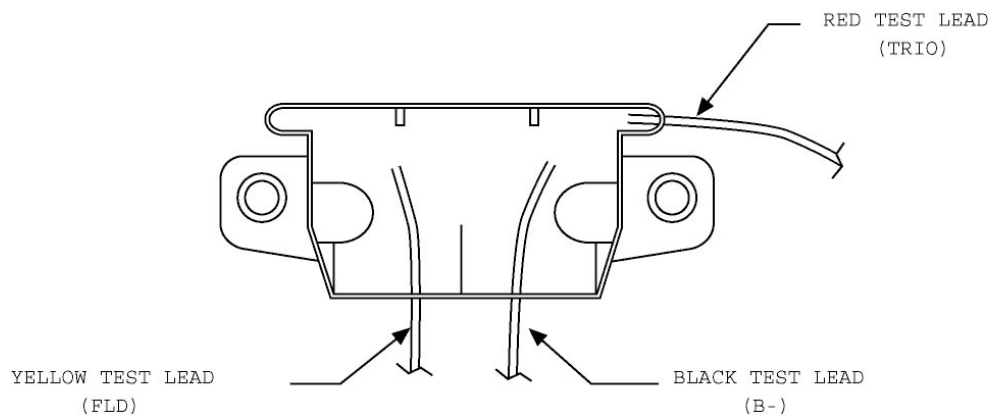


## TRANSPO TESTER INSTRUCTIONS

for SEV MARCHAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IS223	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

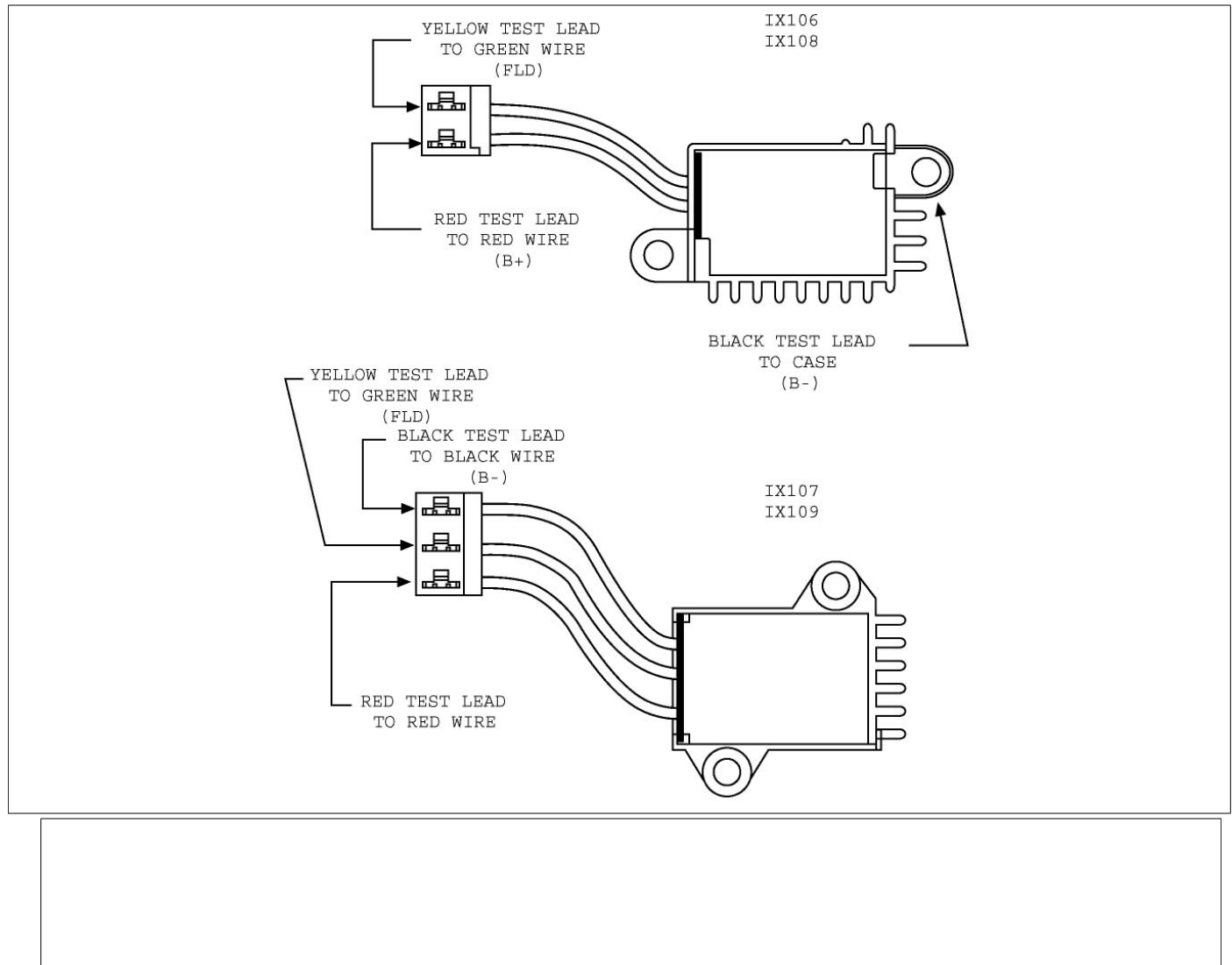


# TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX106	A	12	14.2				
IX107	A	12	14.2				
IX108	A	24	28.0				
IX109	A	24	28.0				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

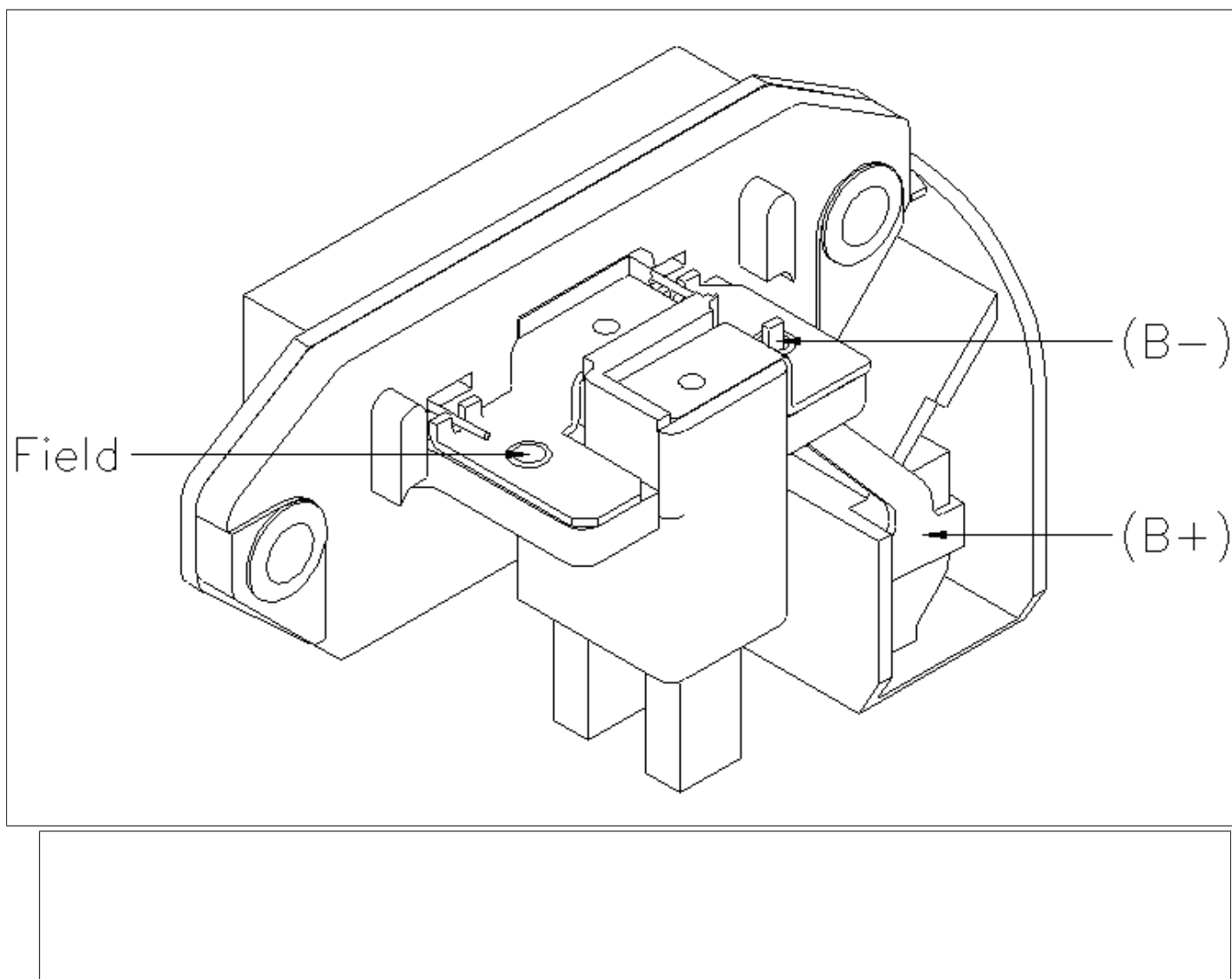


## TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX110	A	12	14.5				
IX111	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

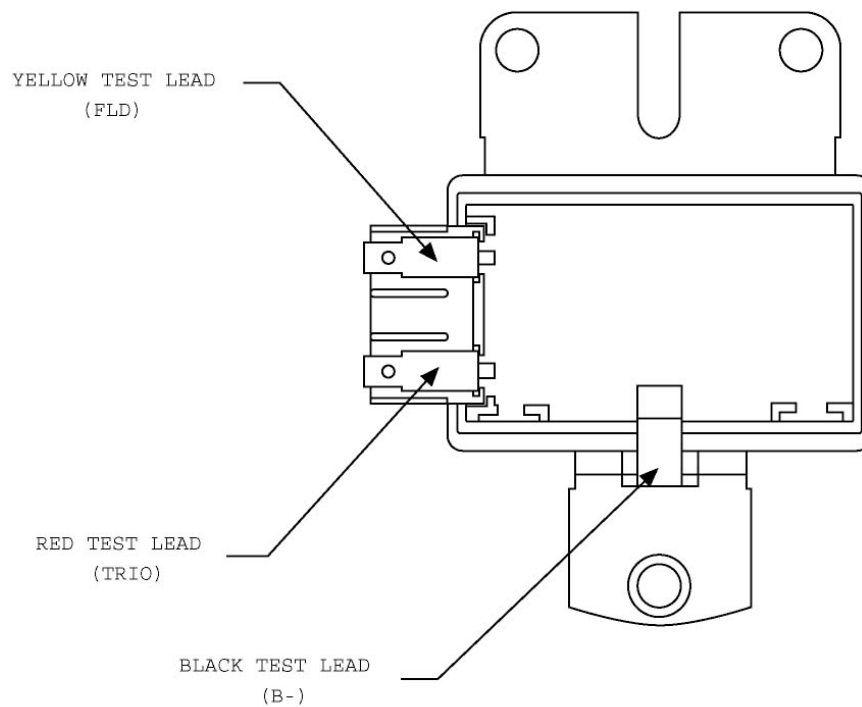


# TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX4004	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSCO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX121	A	12	14.5				

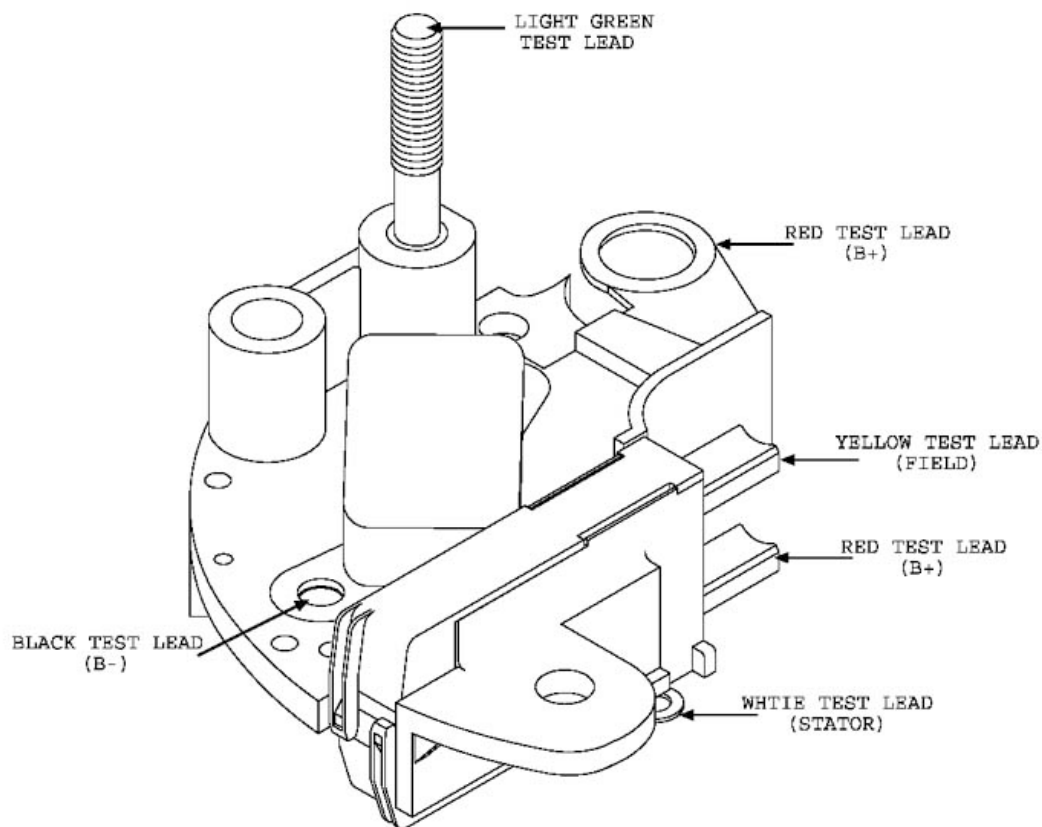
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from stator terminal. Indicator light will come on. Field light will stay on and meter will read approximately 12 volts.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX127	A	12	14.2				
IX128	A	12	14.2				

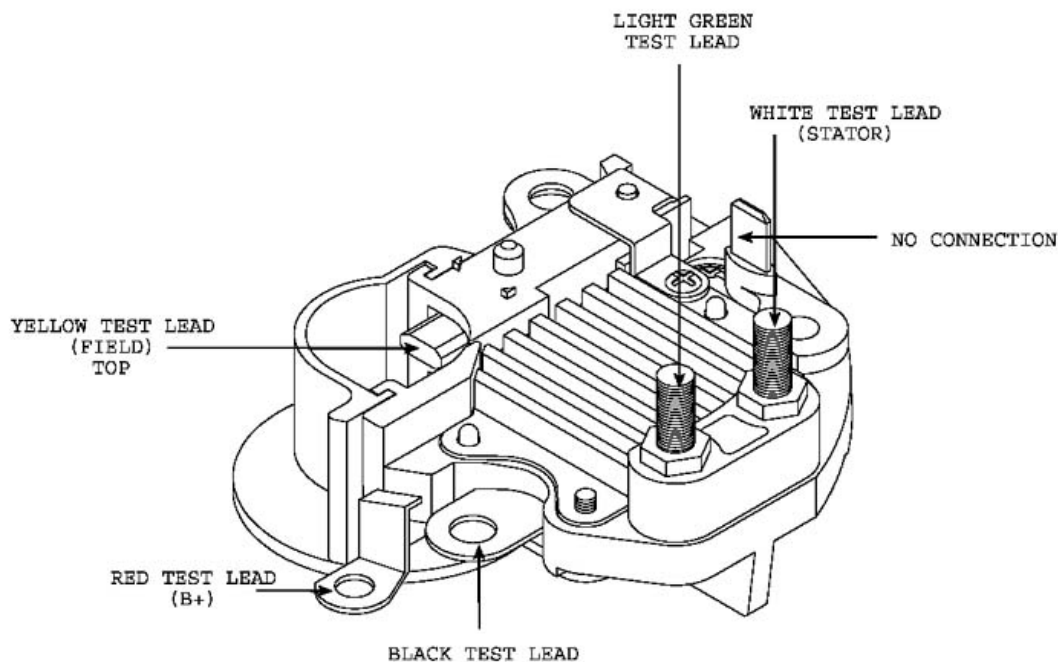
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from stator terminal . Indicator light will come on. Field light will stay on and meter will read approximately 12 volts.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX123	A	12	14.1				
IX123S-B64	A	12	14.1				

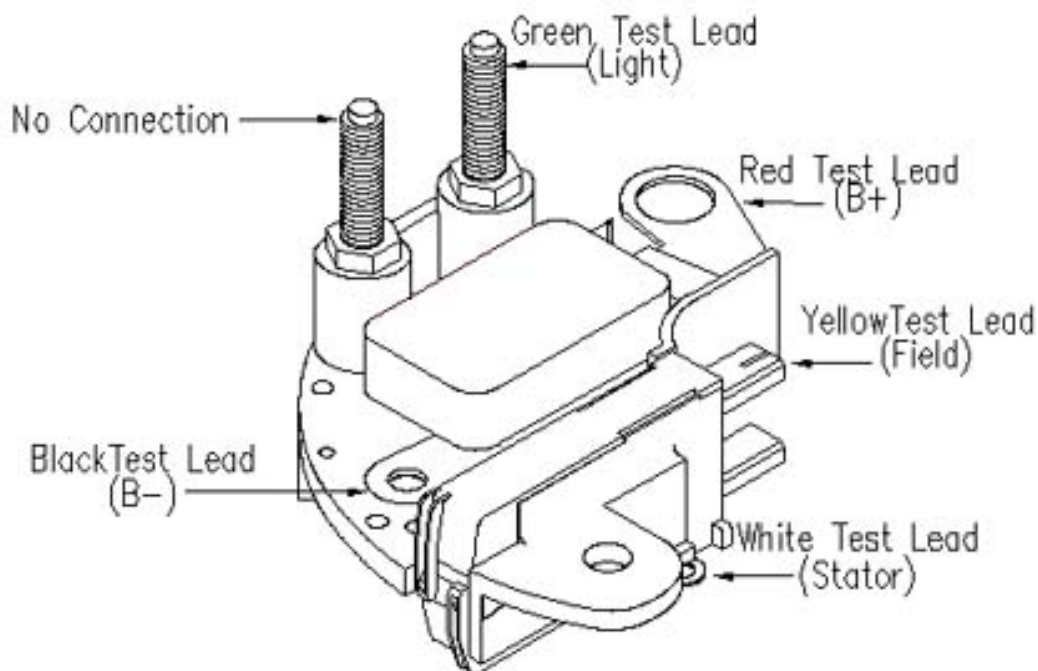
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from stator terminal. Indicator light will come on. Field light will stay on and meter will read approximately 12 volts.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.



# TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

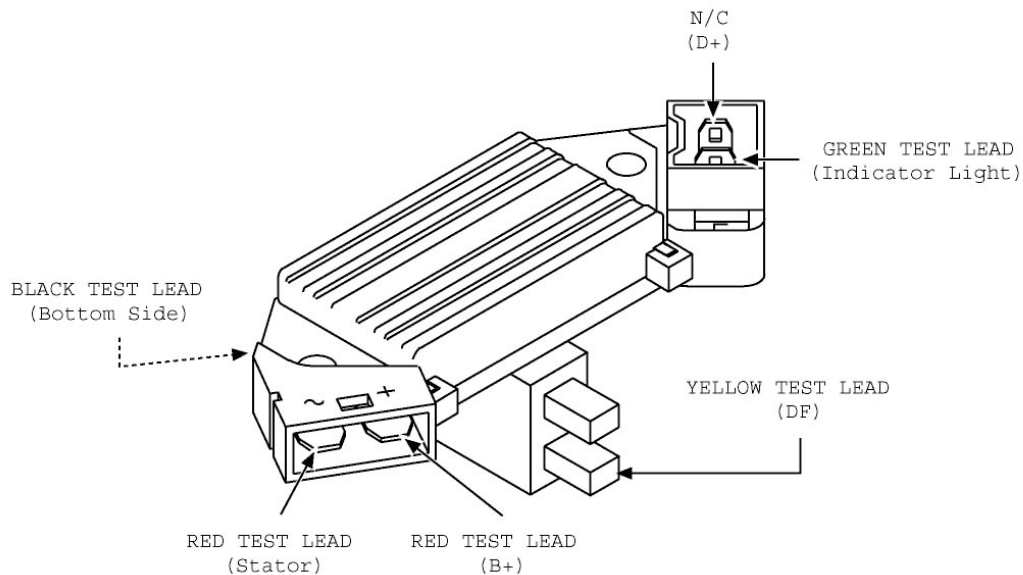
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX118	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red lead from stator and voltage will remain the same. Field lamp will flicker and 12V lamp come on.

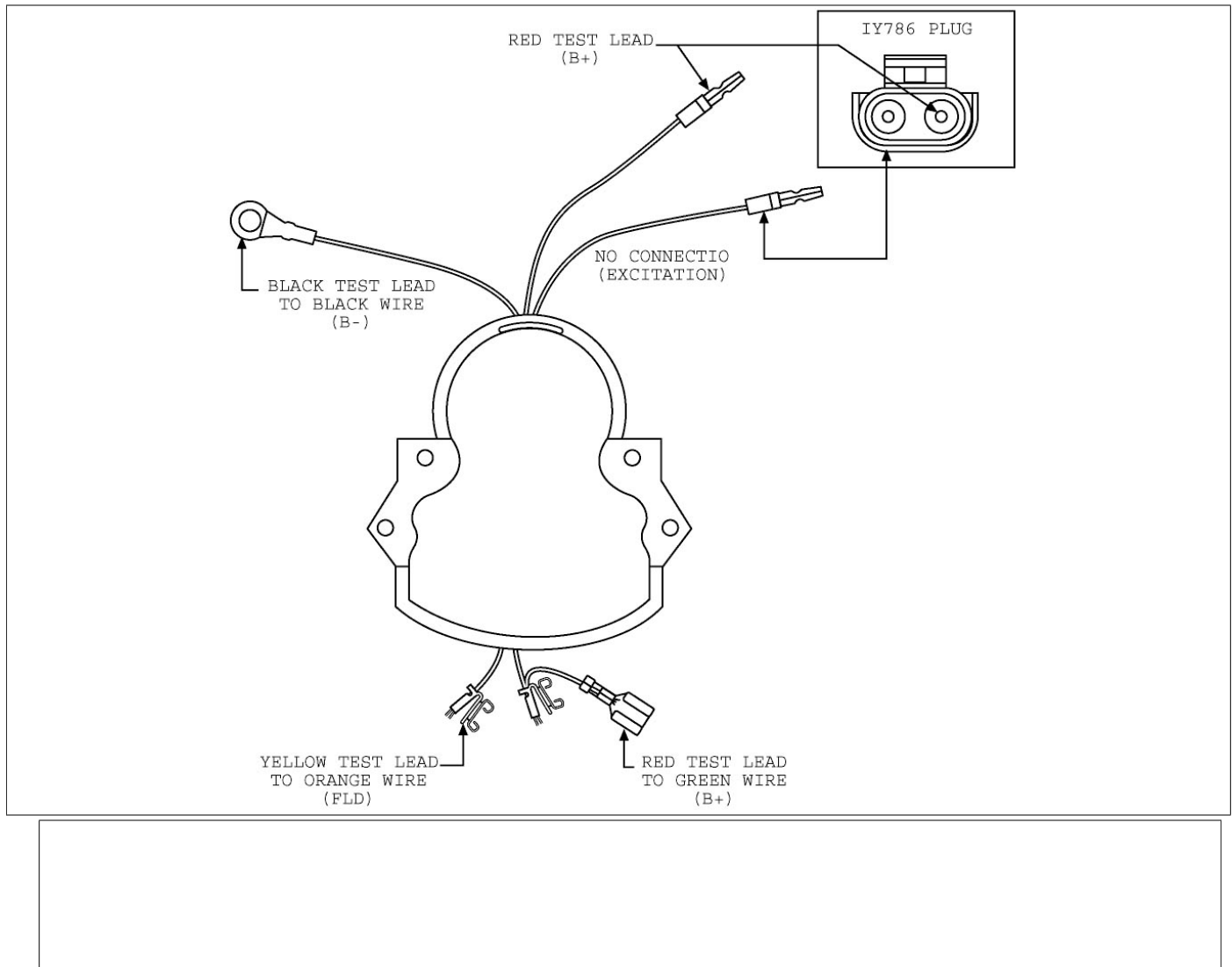


# TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY785	A	12	14.6				
IY786	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

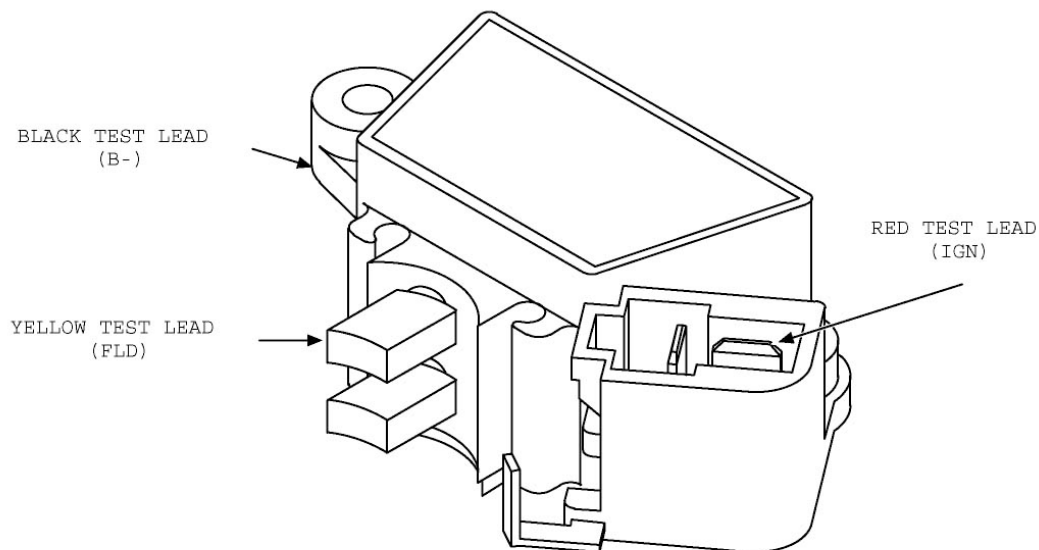


# TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY510	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

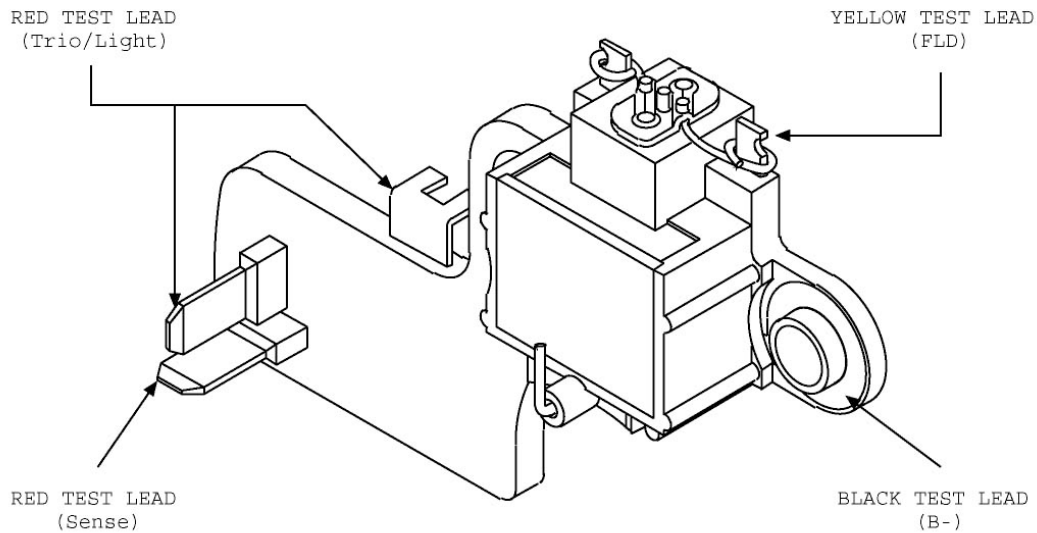


## TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY422	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect sense (Red) lead, voltage should go to 15.5V.

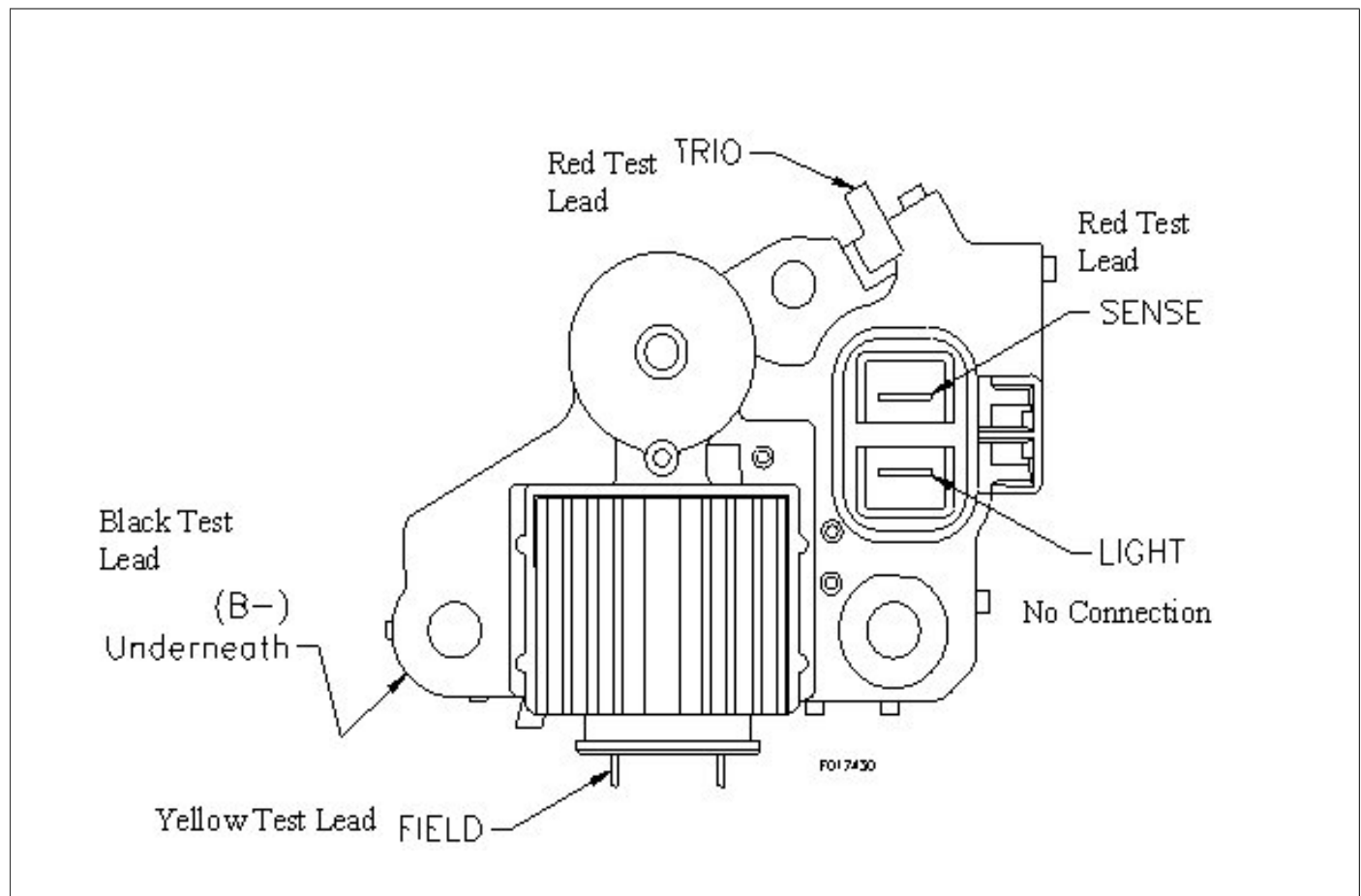


# TRANSCO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY058	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove red test lead from "S" terminal. Voltage will go up to approximately 15.5V.



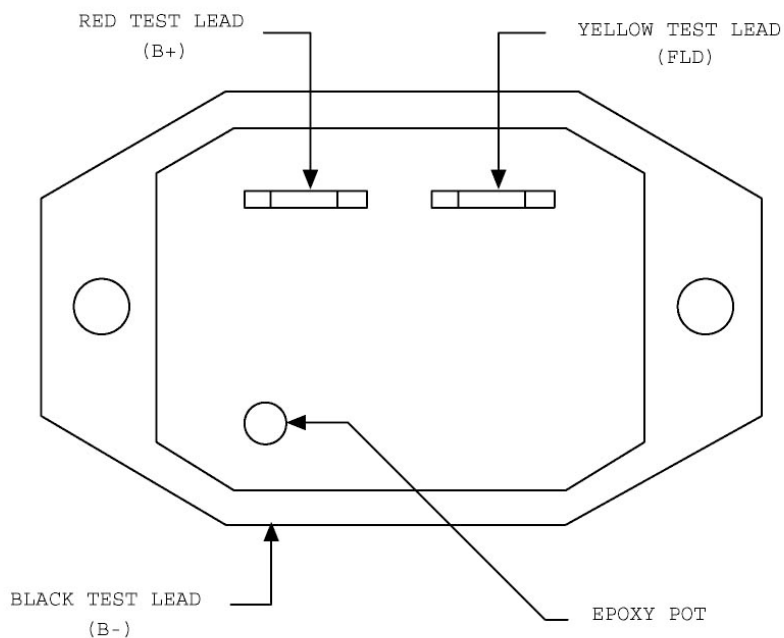


# TRANSPO TESTER INSTRUCTIONS

for       NIKKO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IZ226	A	24	27.5				
IZ227	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

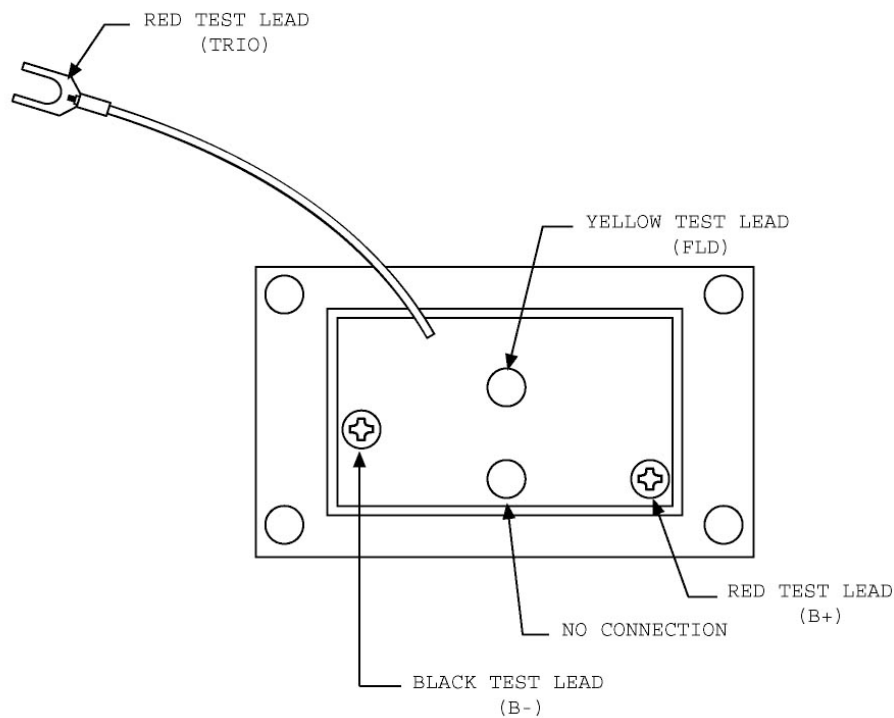
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L79000	A	12	14.2	L79000S	A	12	14.2
L79000HD	A	12	14.2	L79000X	A	12	14.2
L79000HDP	A	12	14.2	L95019	A	12	14.2
L79000LH	A	12	14.2	L96852	A	24	27.5

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from regulator wire marked "TRIO". Filed lamp should turn off and the meter will indicate low voltage.



# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

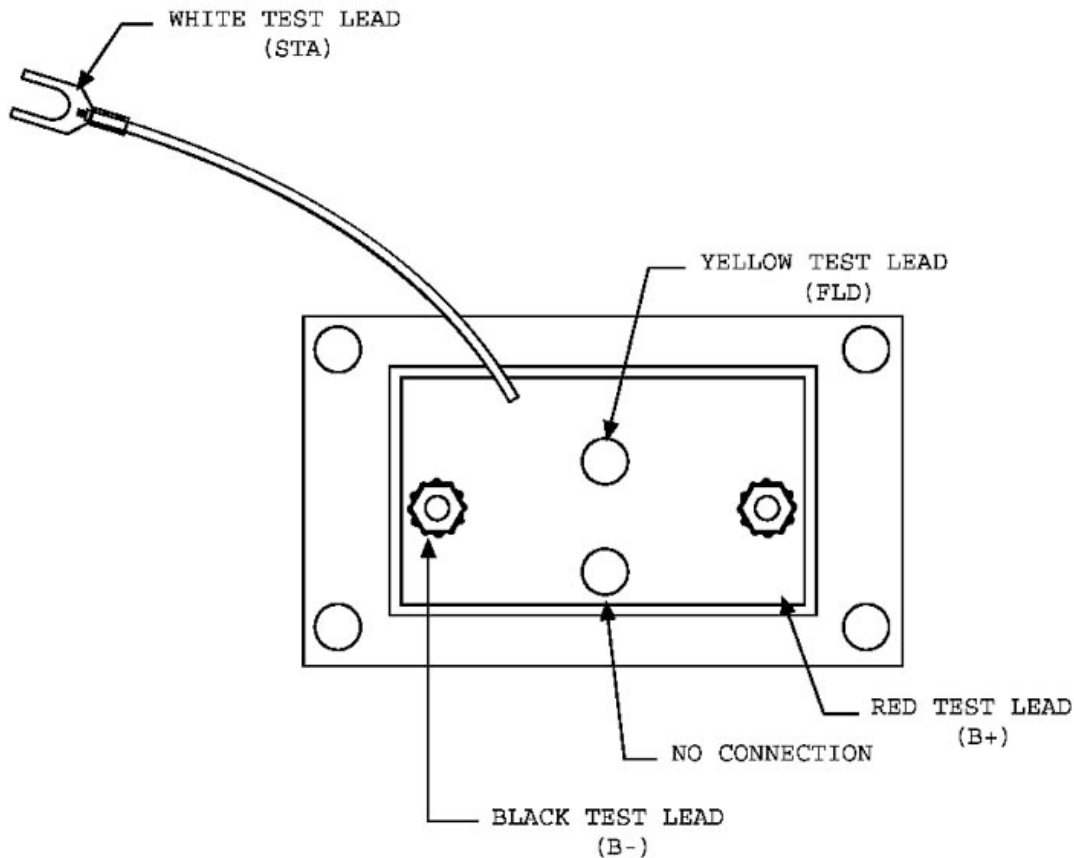
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L79350S	A	24	27.5				
L97050S	A	32	37.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from regulator wire marked "TRIO". Filed lamp should turn off and the meter will indicate low voltage.



# TRANSCO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

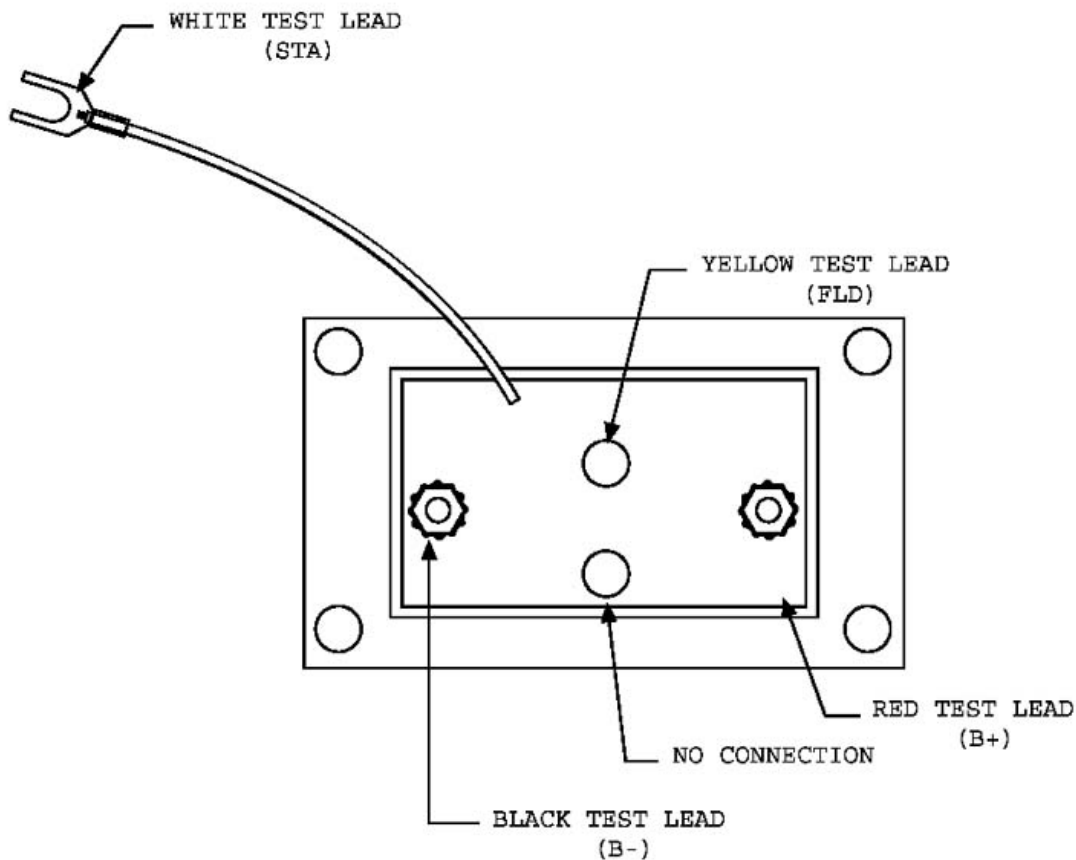
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L79000AC	A	12	14.2				
L96345AC	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from regulator wire marked "Stator". Filed lamp should turn off and the meter will indicate low voltage.

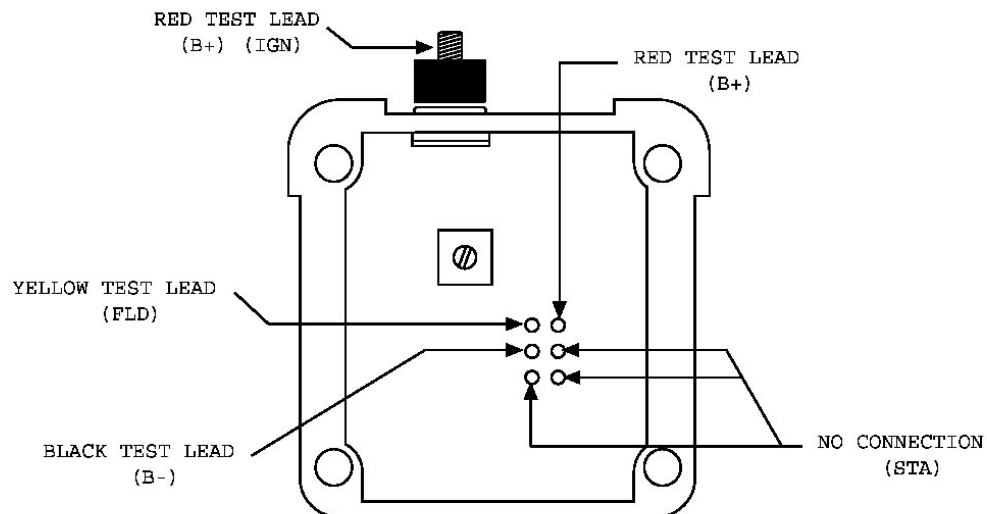


# TRANSCO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L95300S	A	24	28.0				
L99500S	A	12	14.2				
L99825S	A	24	27.5				
L99850S	A	32	37.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



NOTE: Connect B+ to the three stator Terminals if no IGN terminal is used

# TRANSCO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

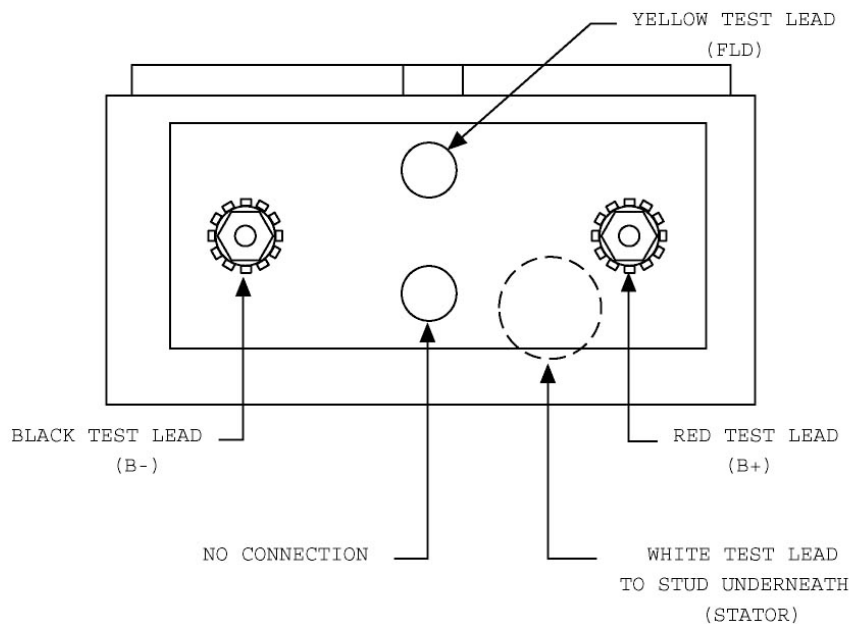
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L77973AC	A	12	14.2				
L97300AC	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from the regulator's stud marked "Stator". Field lamp should turn off and the meter will indicate low voltage.



# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

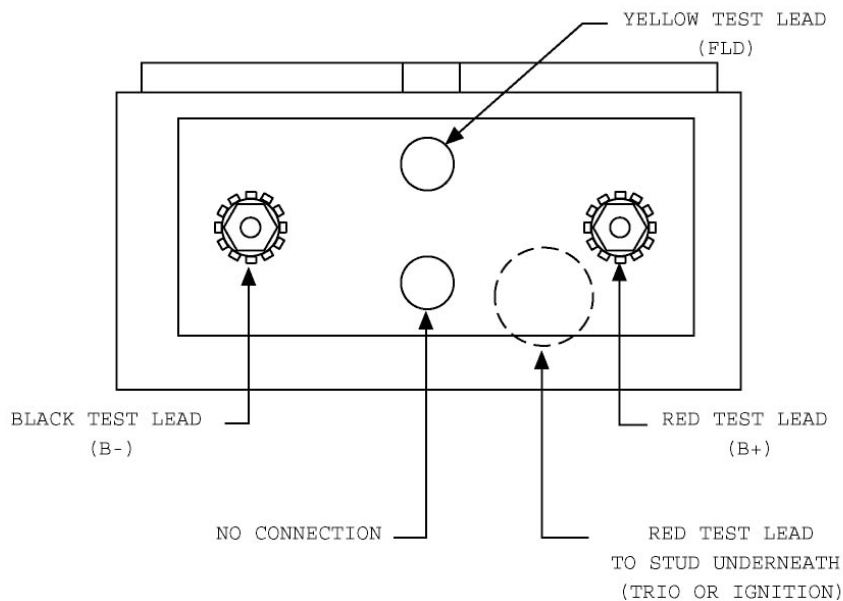
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L77973S	A	12	14.2				
L78855S	A	24	27.5				
L78935S	A	32	37.5				
L97300S	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from regulator's stud marked "TRIO" or "IGN". Field lamp should turn off and the meter will indicate low voltage.

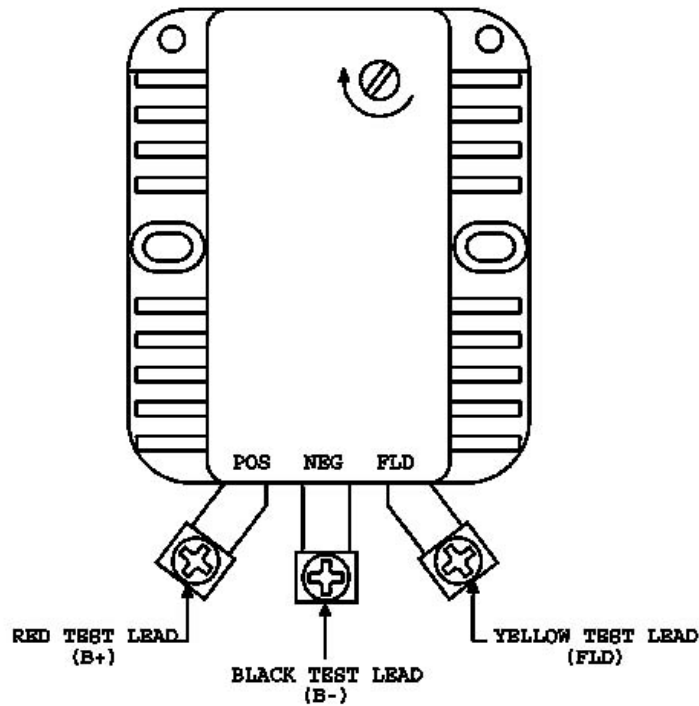


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L5022	A	12	14.2	L5042HD	A	24	27.5
L5042	A	24	27.5				
L5062	A	32	37.5				
L5078	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



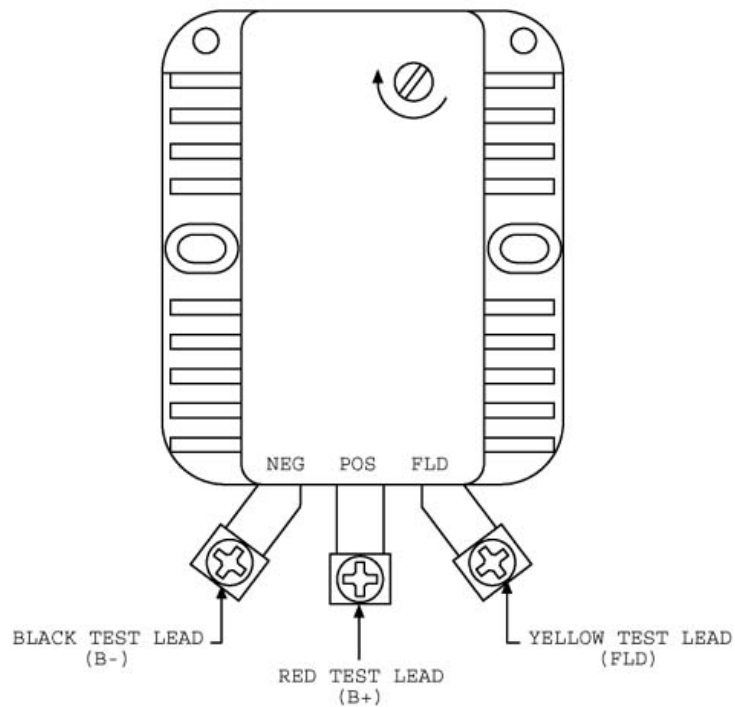


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L5016	B	12	14.2				
L5028	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

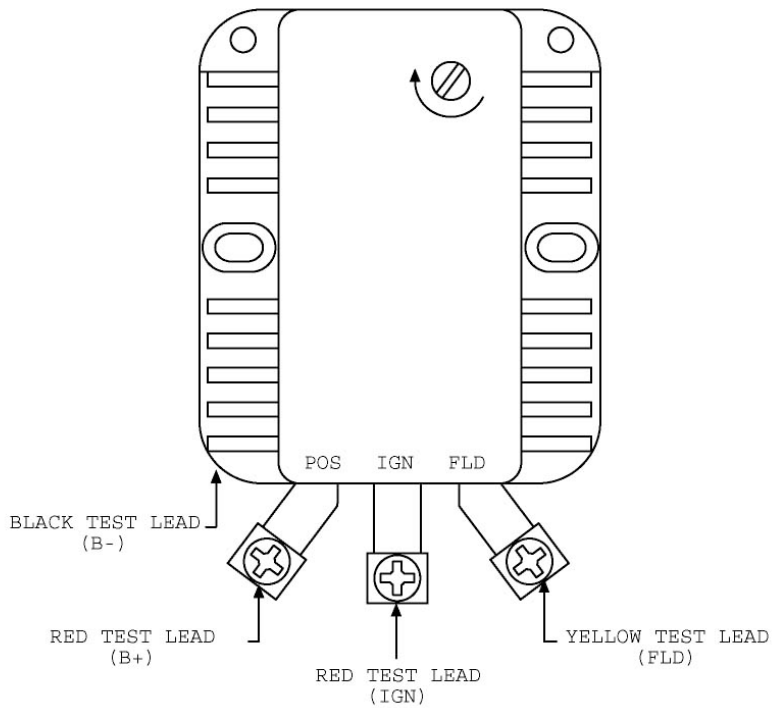


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L5003	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

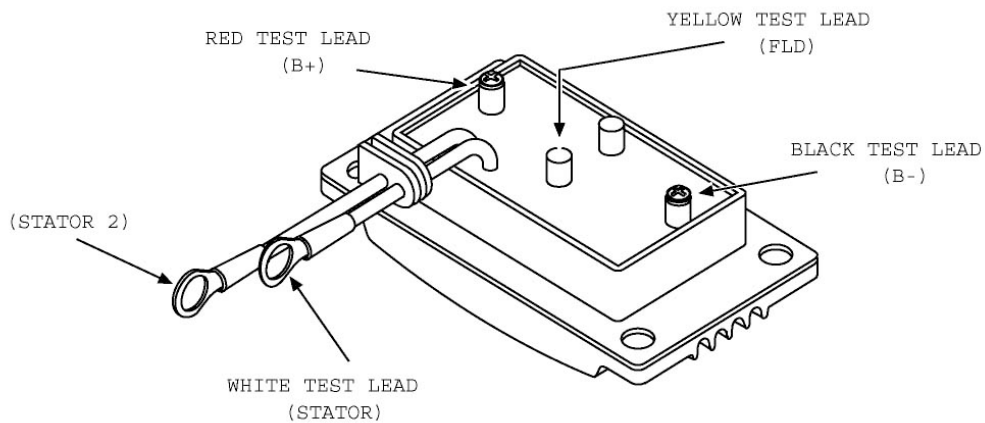


# TRANSCO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L99920	A	12	14.2				
L99920HD	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove white test lead from "Stator" terminal and regulator turns off.

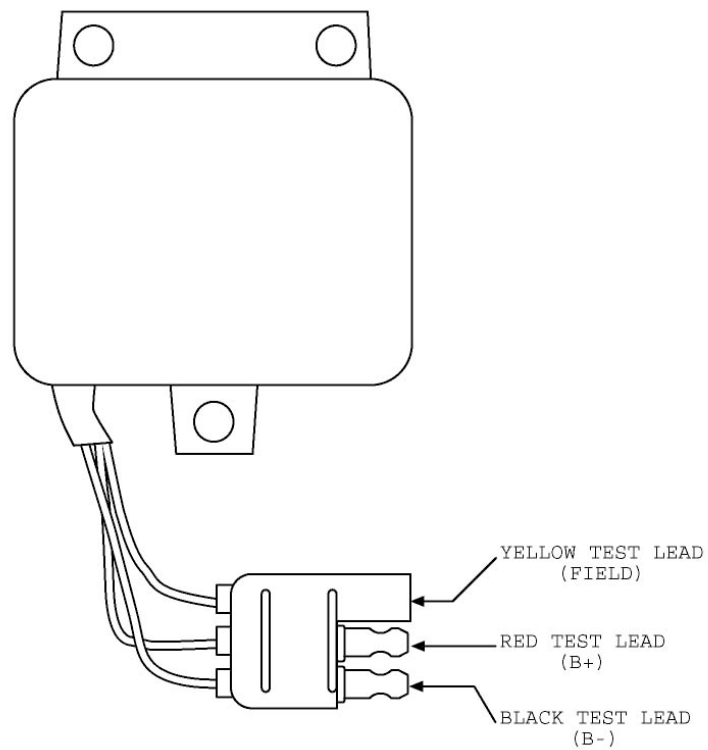


## TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-156A	B	12	14.2	M5-177A	B	24	28.0
M5-157A	B	24	29.2	M5-191A	B	12	14.2
M5-161A	B	24	28.4	M5-211A	B	12	14.2
M5-163A	B	24	28.0	M5-232A	B	12	14.4

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

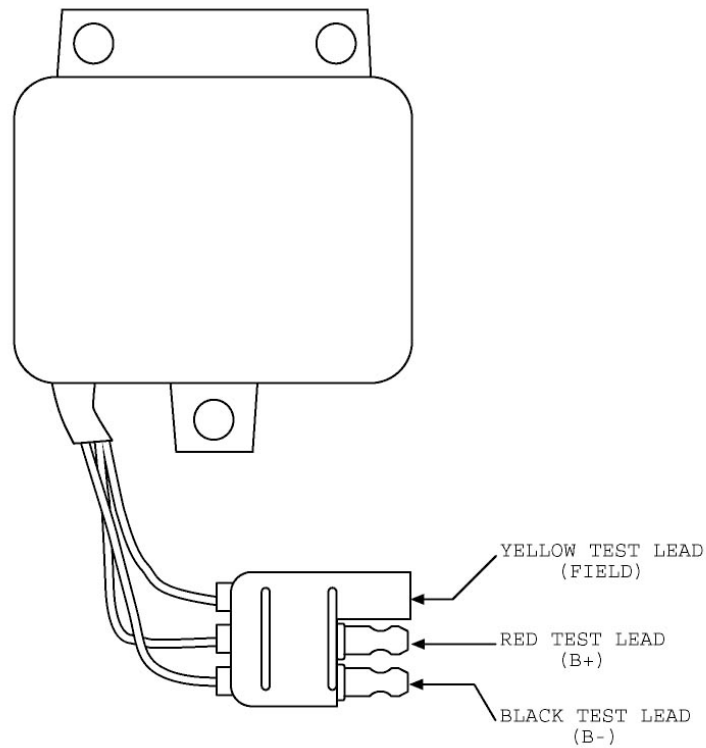


## TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-239A	B	12	13.8				
M5-274A	B	36	38.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-130A	B	12	15.2				
M5-130	B	12	15.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



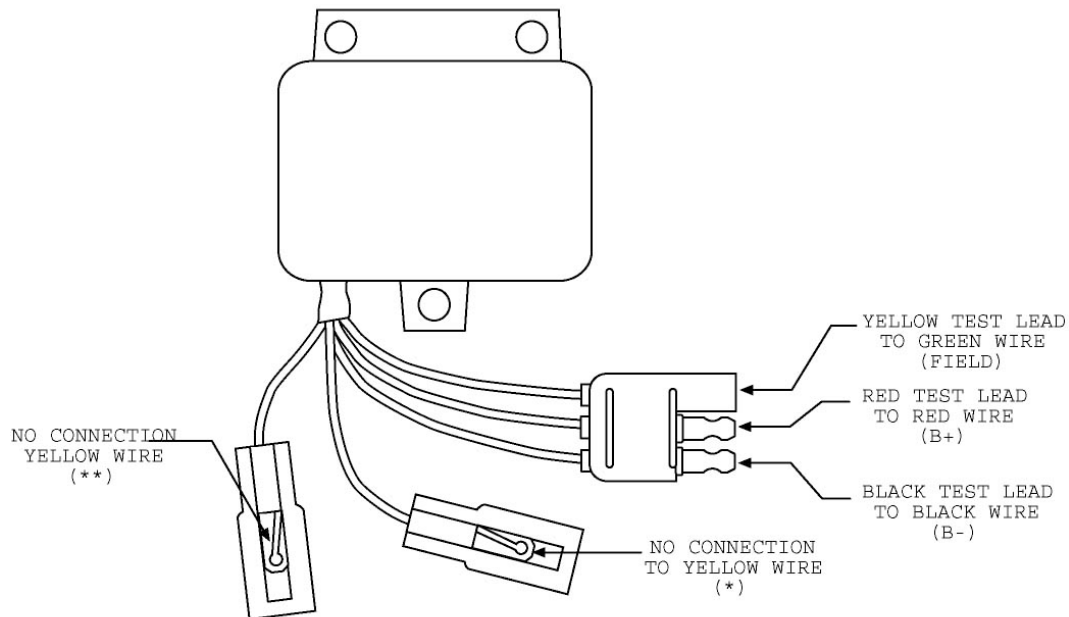
NOTE: \* Regulators with One (1) yellow wire: M5-30A, M5-42A, M5-130A, M5-135, M5-141A  
\*\* Regulators with Two (2) yellow wires: M5-28A, M5-50A

# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-143A	B	12	14.2	M5-222A	B	12	15.3
M5-150A	B	12	14.2	M5-185A	B	24	29.2
M5-206A	B	12	15.3				
M5-218A	B	12	15.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



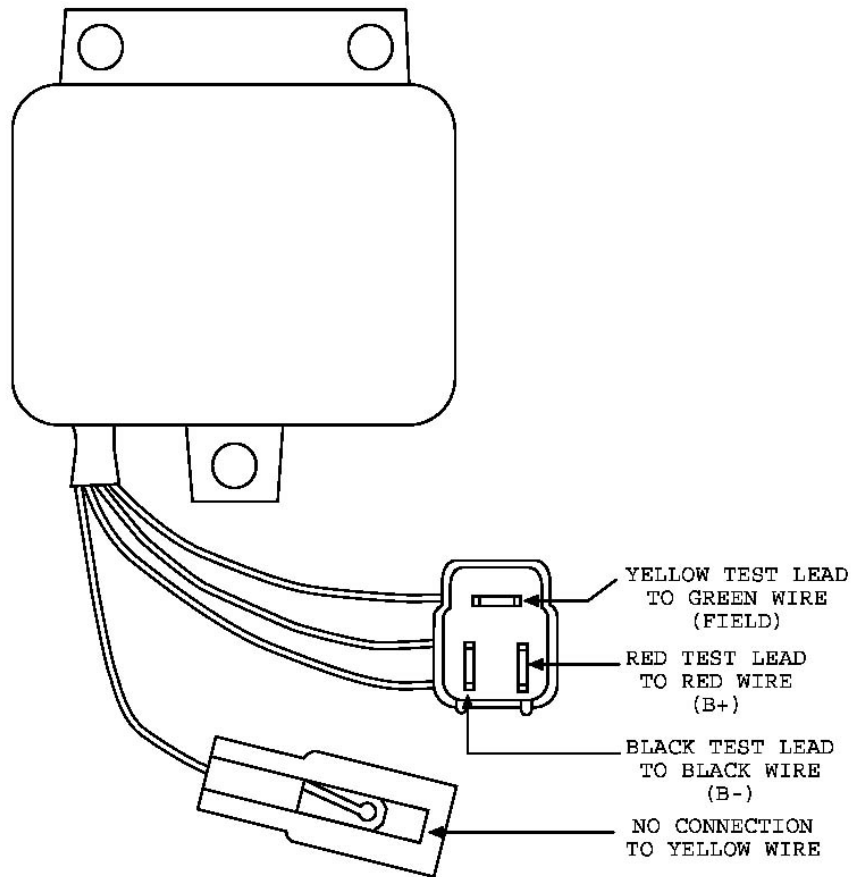
NOTE: \* Regulators with One (1) Yellow wire: M5-143A, M5-150A, M5-206A, M5-218A, M5-222A, M5-185A

# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-137A	B	12	15.2				
M5-142A	B	12	14.2				
M5-184A	B	24	29.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

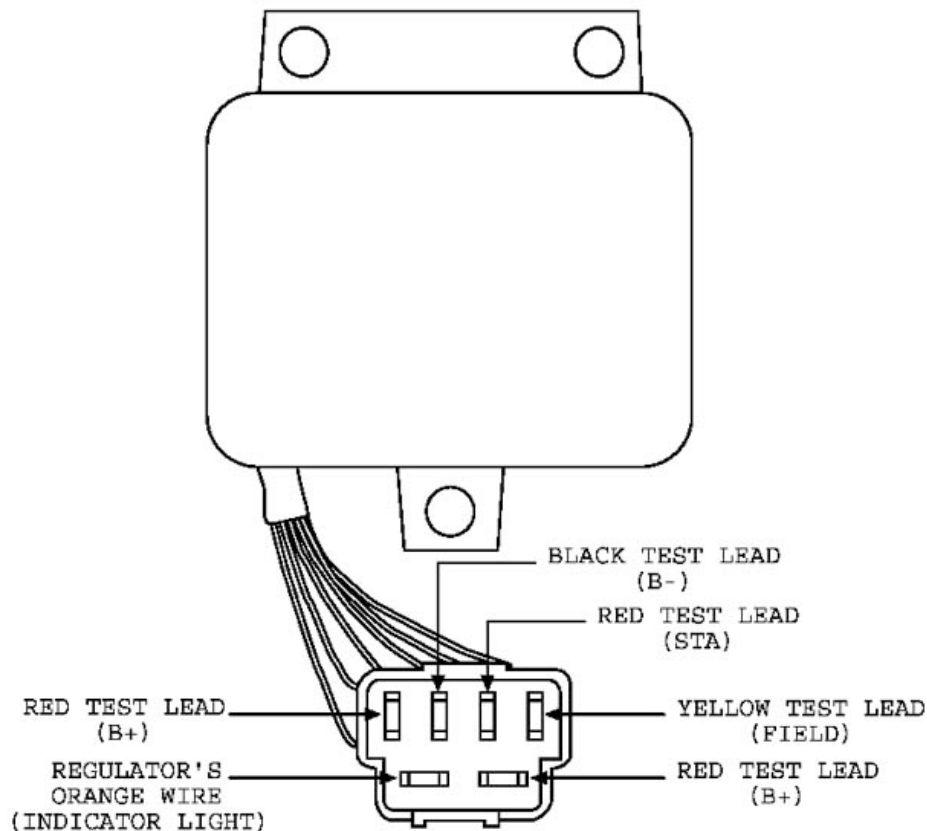
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-113A	B	12	14.2				
M5-122A	B	12	14.4				
M5-216A	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from yellow wire of the regulator. Indicator light should turn on and the meter will indicate the set point voltage.



# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

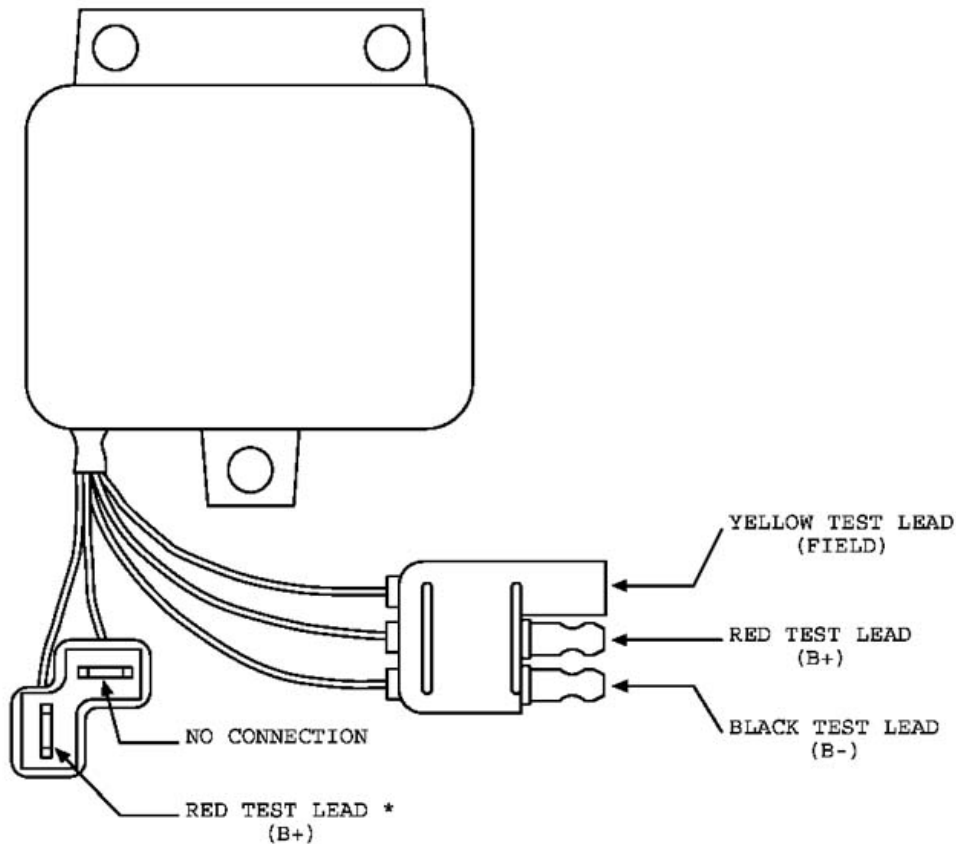
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-204A	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked with "\*\*". Field lamp should still blink and the meter will indicate approximately 15.3 v.

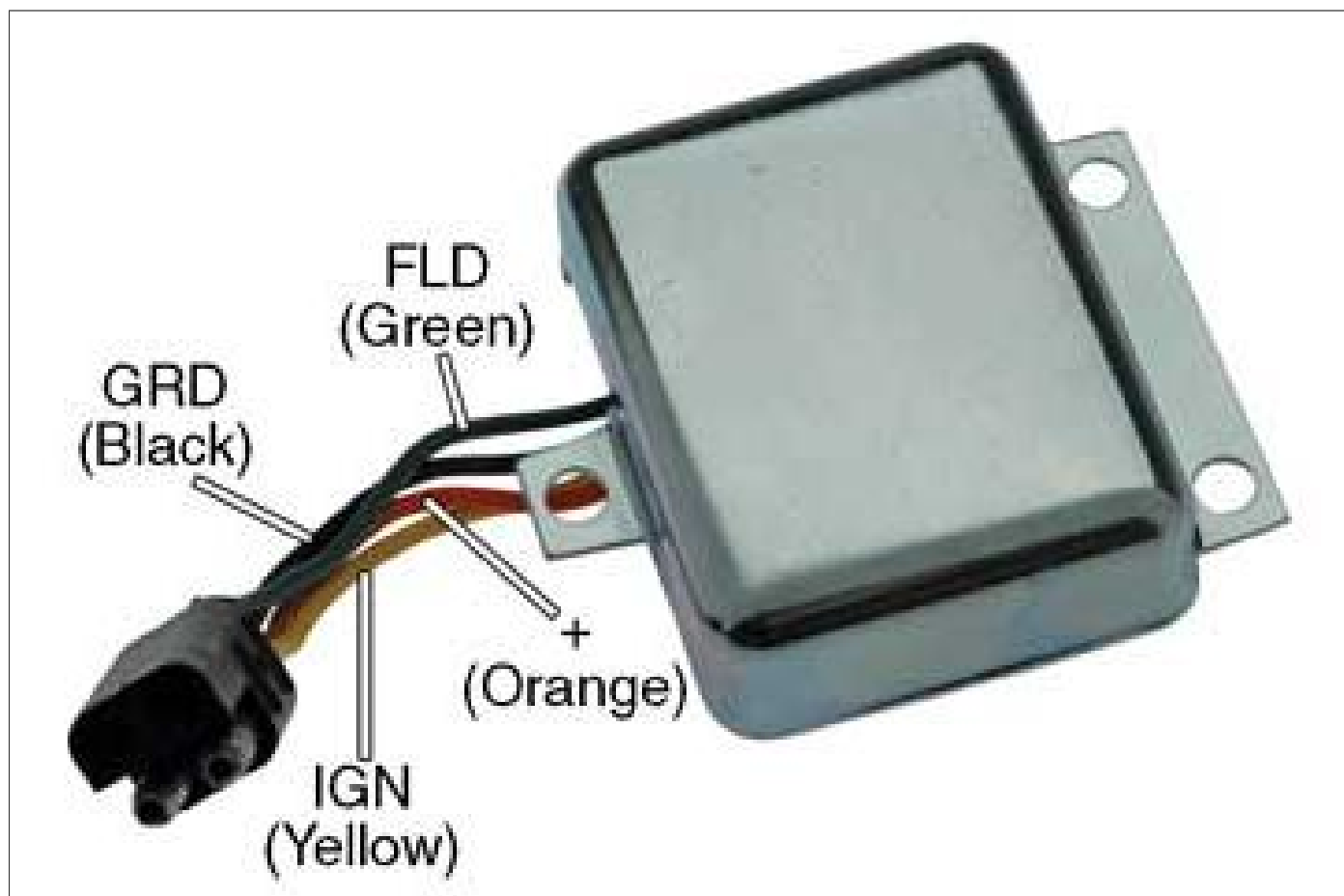


## TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-228A	B	12	14.1	M5-223A	B	12	13.8
M5-138A	B	12	15.2				
M5-174A	B	12	14.1				
M5-205A	B	12	14.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

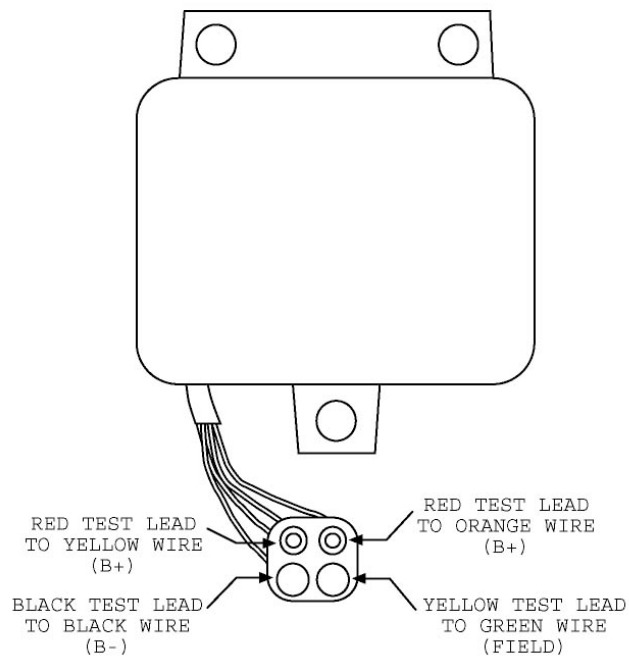


# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-230A	B	12	14.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

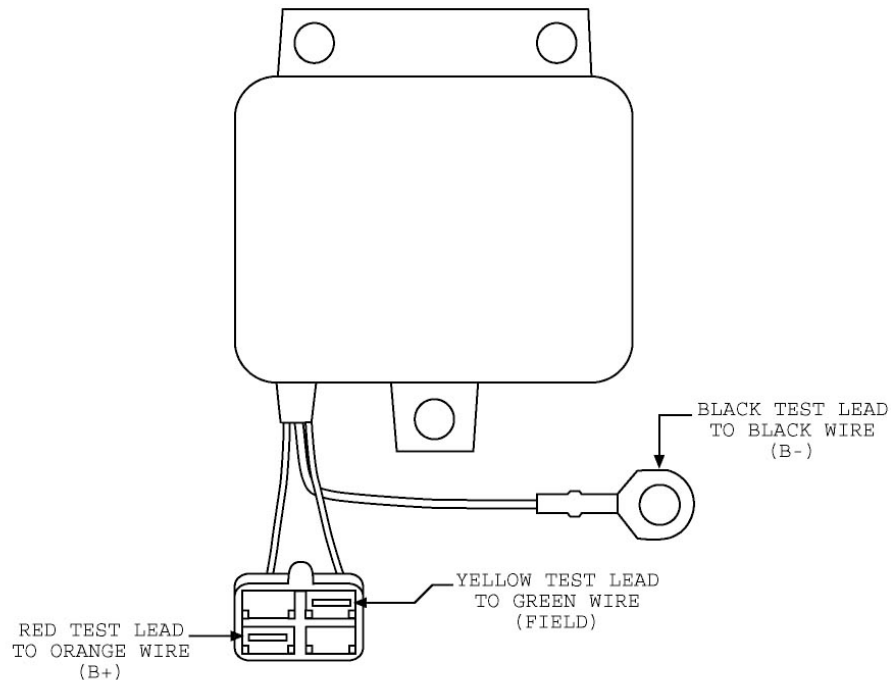


## TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-196A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

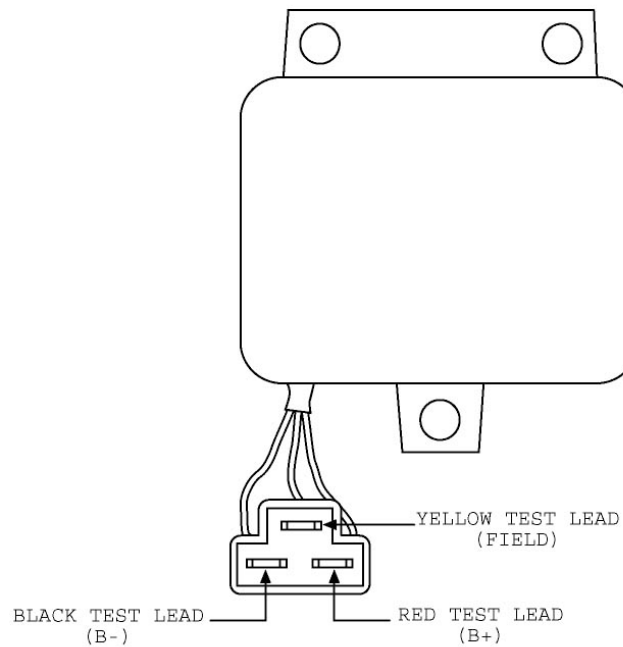


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-159A	B	24	29.2				
M5-227A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

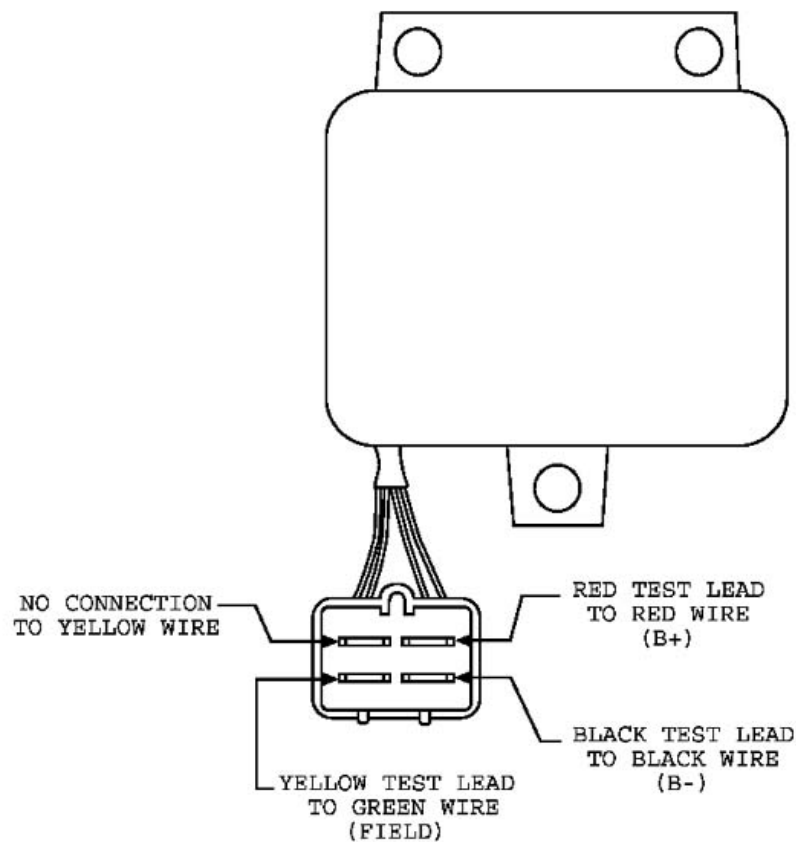


## TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-146	B	12	15.2				
M5-146A	B	12	15.2				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

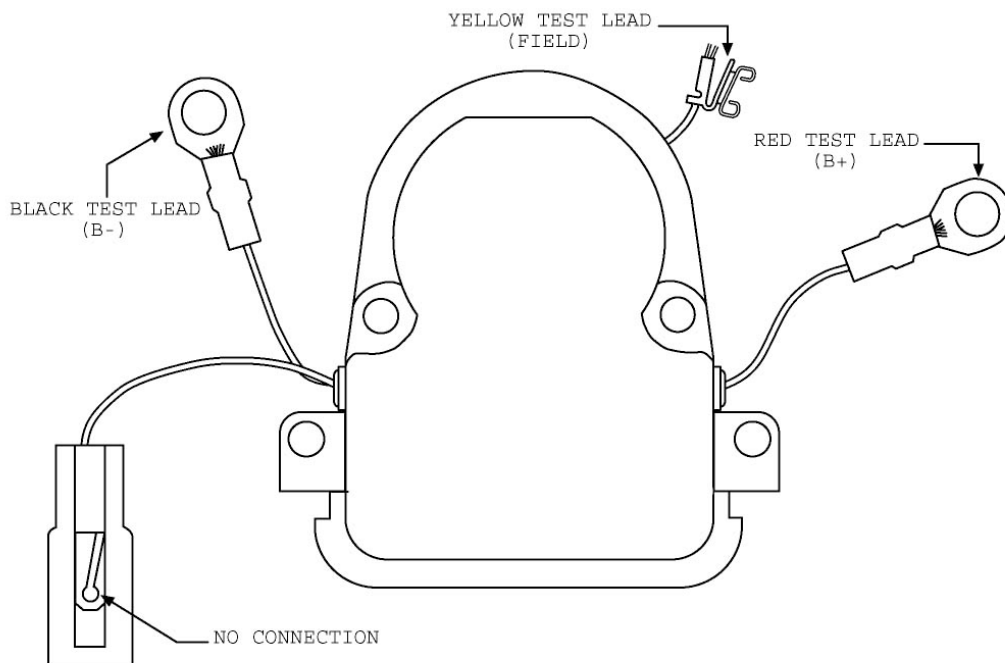


# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-197A	B	12	15.0				
M5-207A	B	12	14.2				
M5-250A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



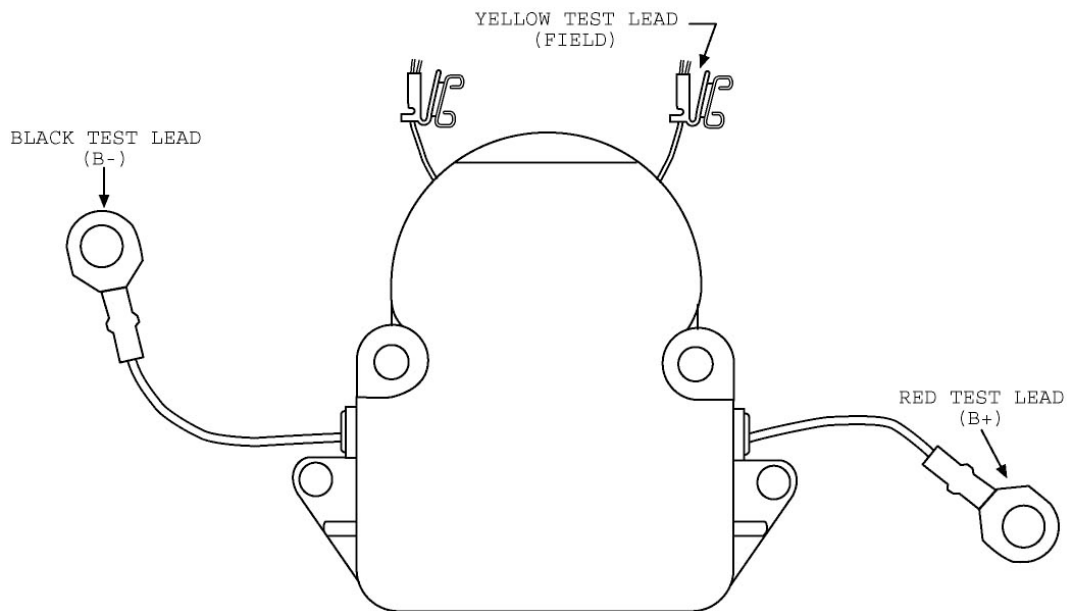


## TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-198A	B	12	15.0				
M5-200A	B	12	14.2				
M5-244A	B	12	13.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

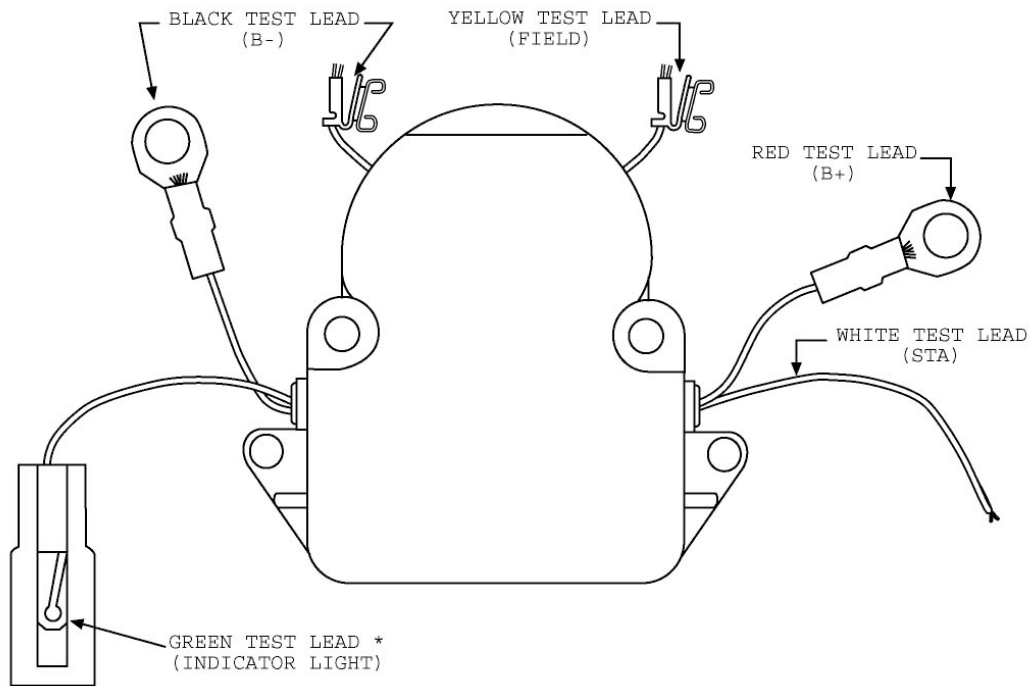
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-200SA6	B	6	7.8	M5-200SA32	B	32	37.5
M5-200SA8	B	8	9.5				
M5-200SA12	B	12	14.2				
M5-200SA24	B	24	27.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from the yellow wire of the regulator marked "Stator ". Field lamp should turn off and the meter will indicate low voltage. On regulators with indicator light, light should also turn on when stator is removed from the regulator.



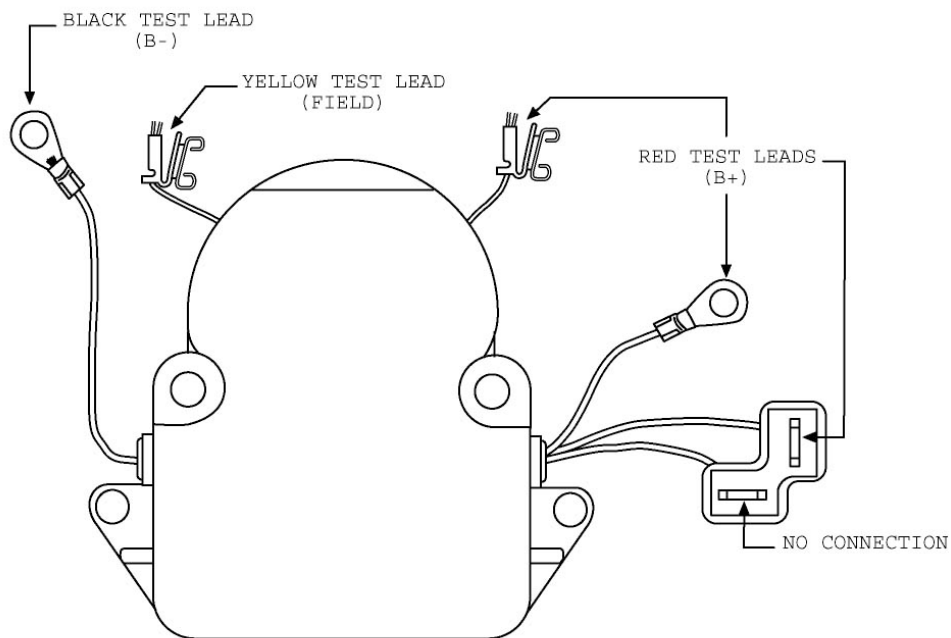
\* NOTE: Not used on 24V & 32V Regulators

# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-226A	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

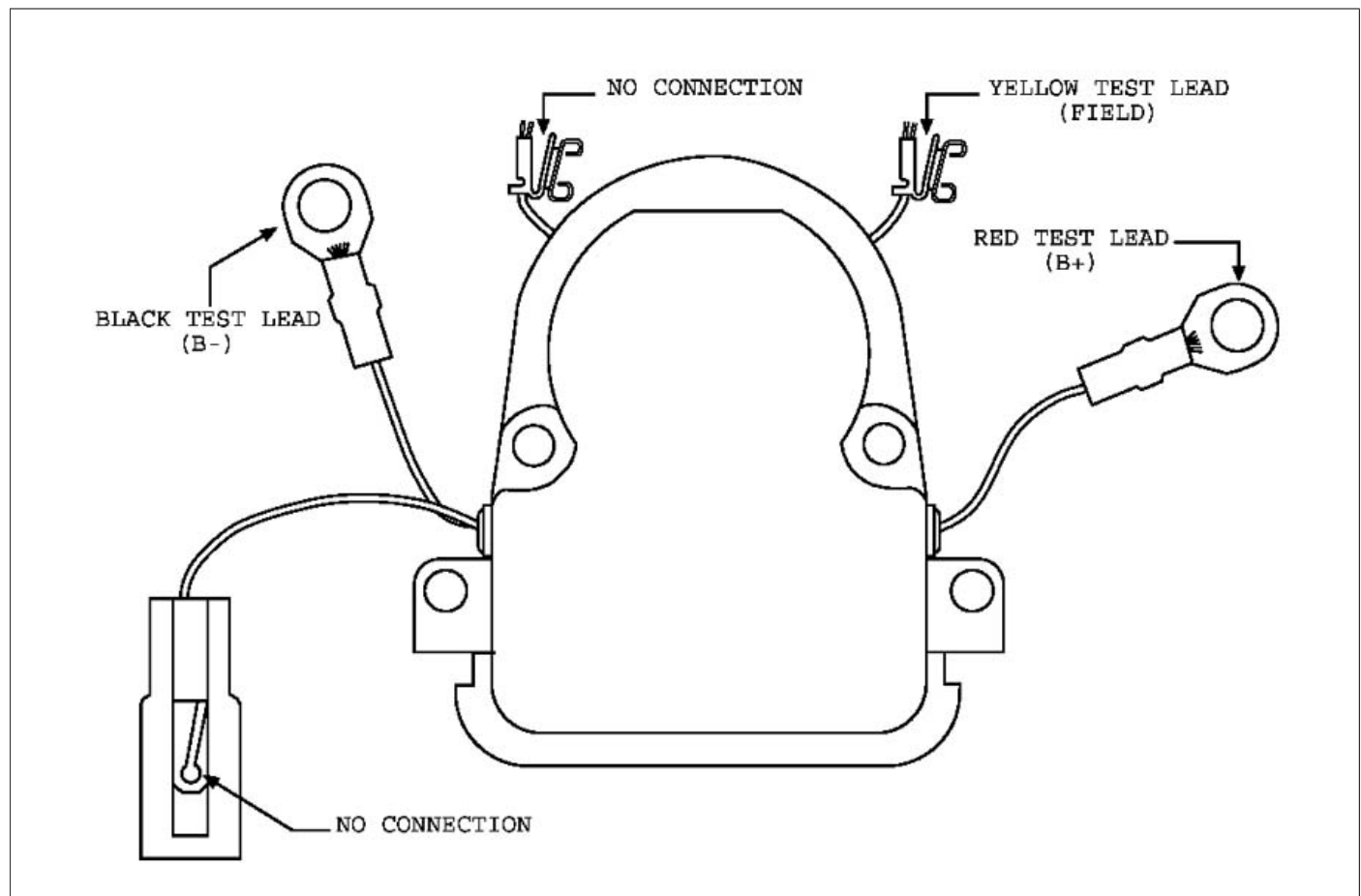
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-208A	B	24	29.2				
M5-209A	B	24	28.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Measure between regulator's yellow and red wire using an ohm meter (without a connection to the voltage regulator tester). Approximately 150 Ohms must be measured.

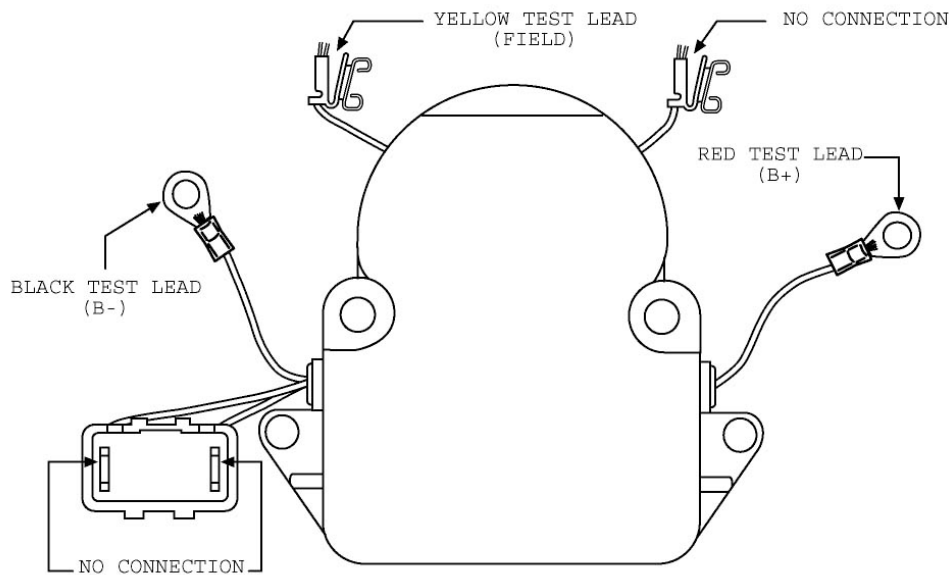


# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-225A	A	12	14.4				
M5-225	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

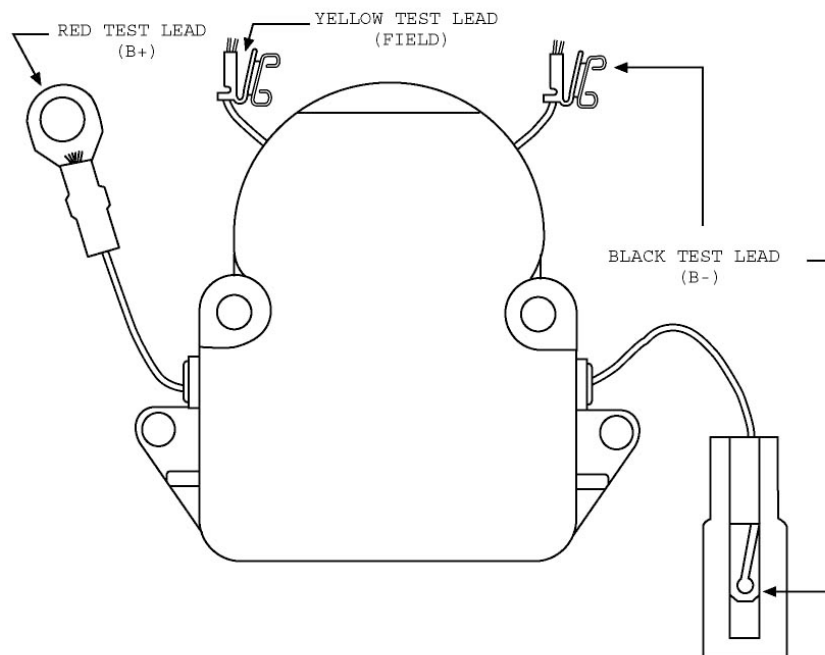


# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-217A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

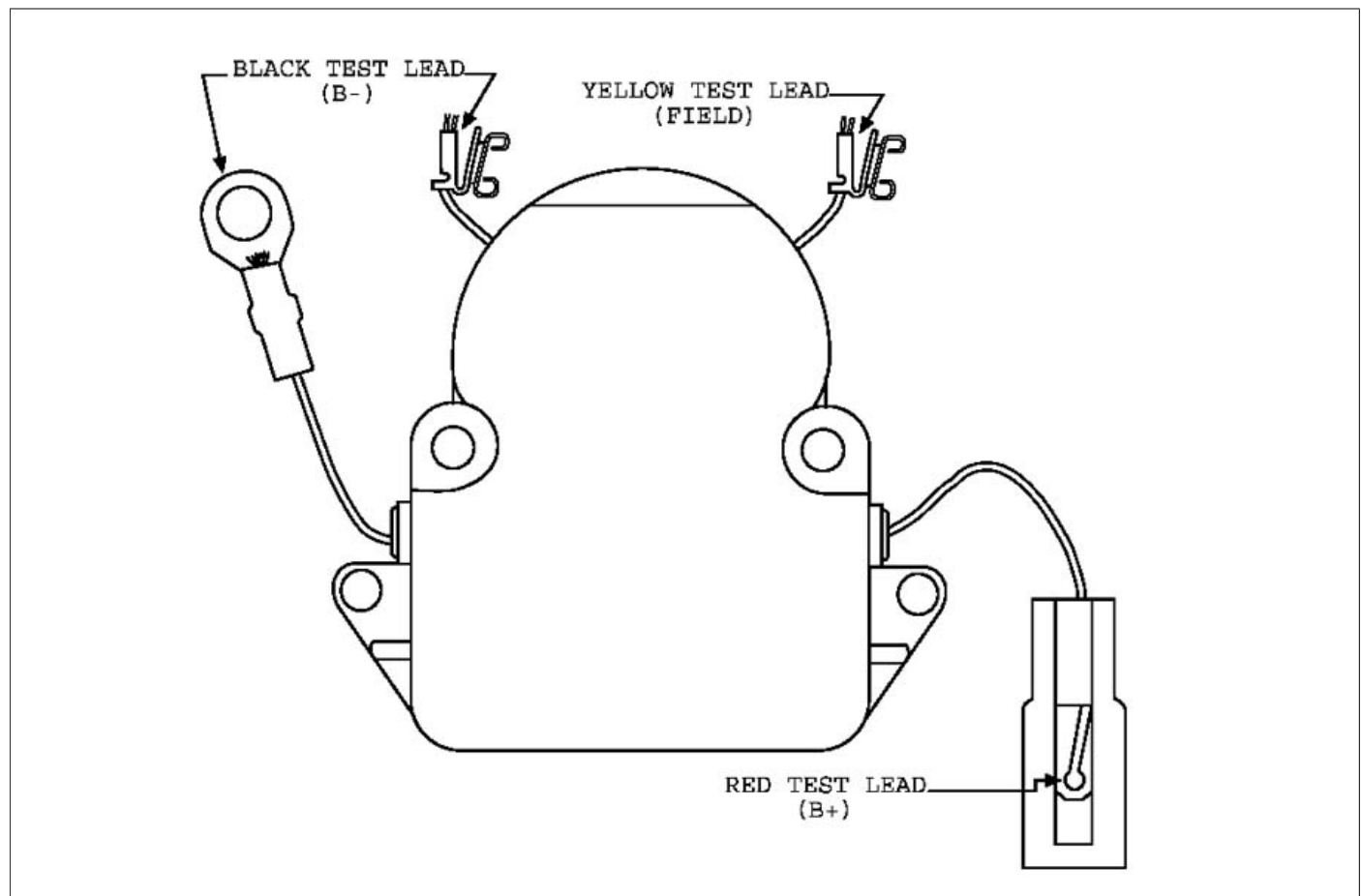


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-203A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

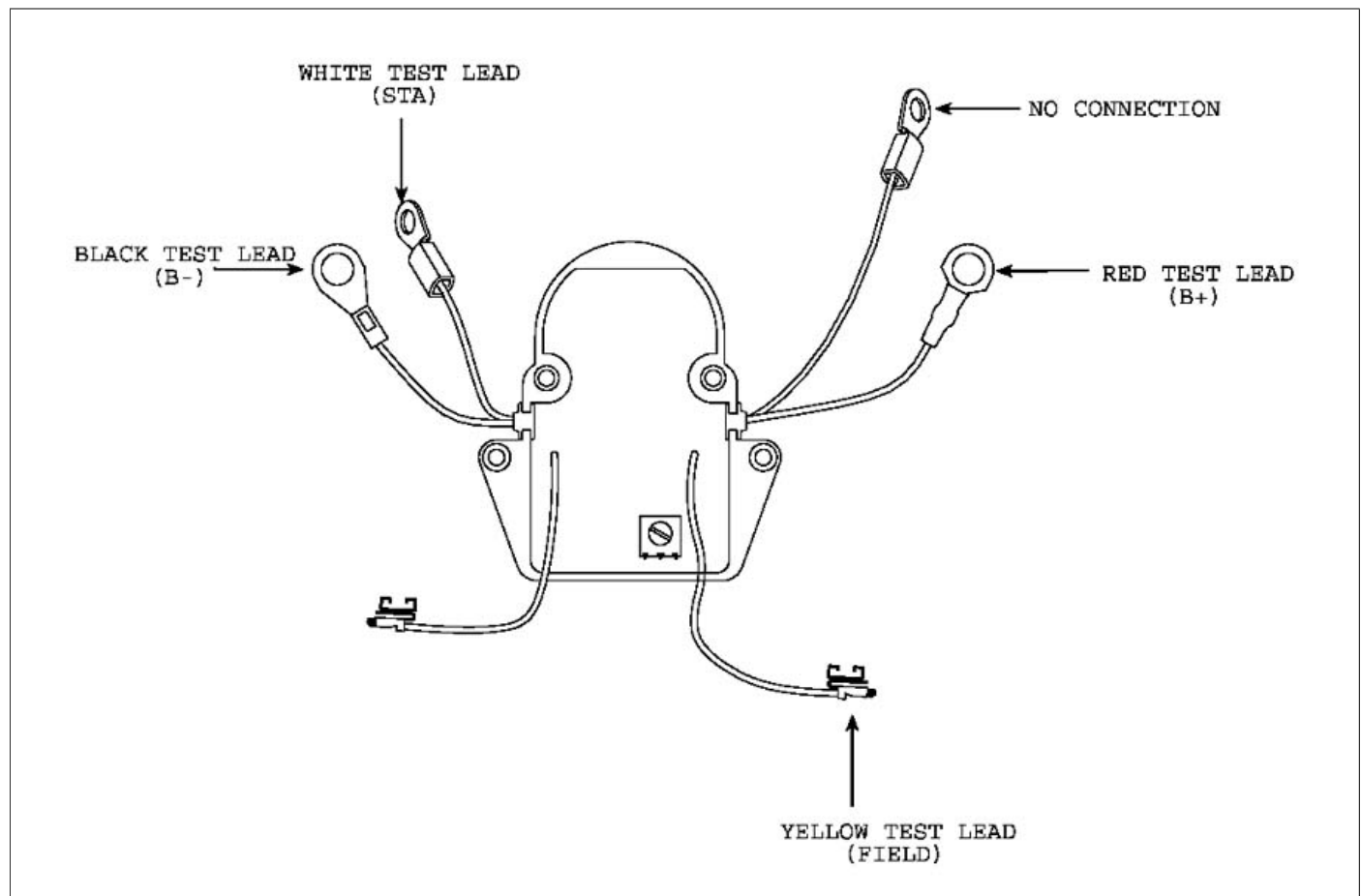
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-233A	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.





# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

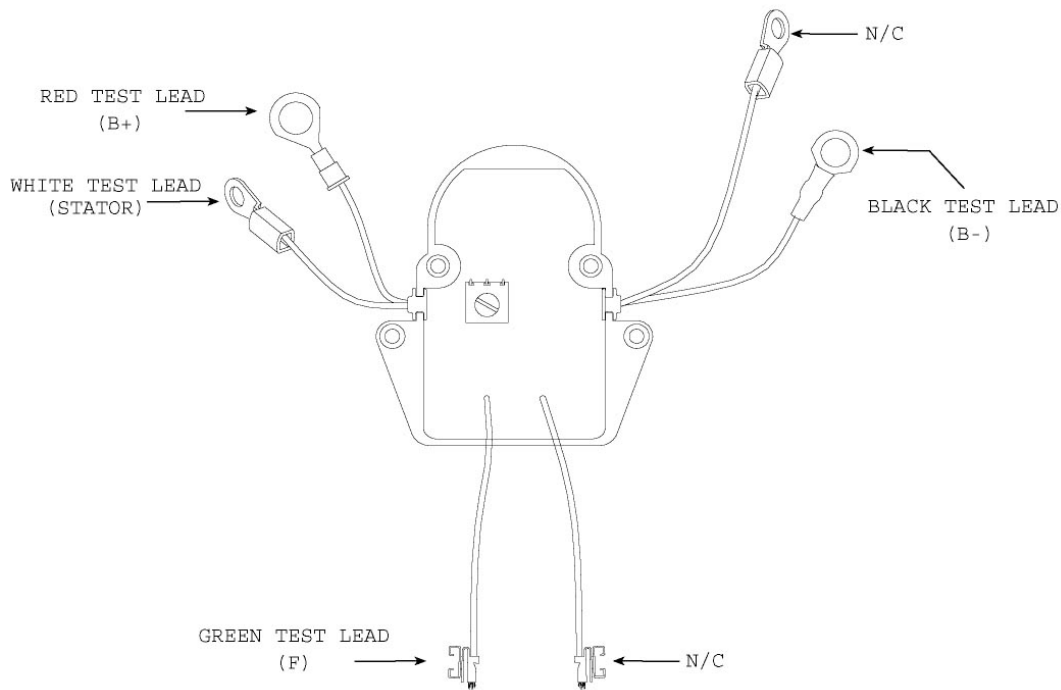
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-224A	B	12	14.4				
M5-245A	B	12	13.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.

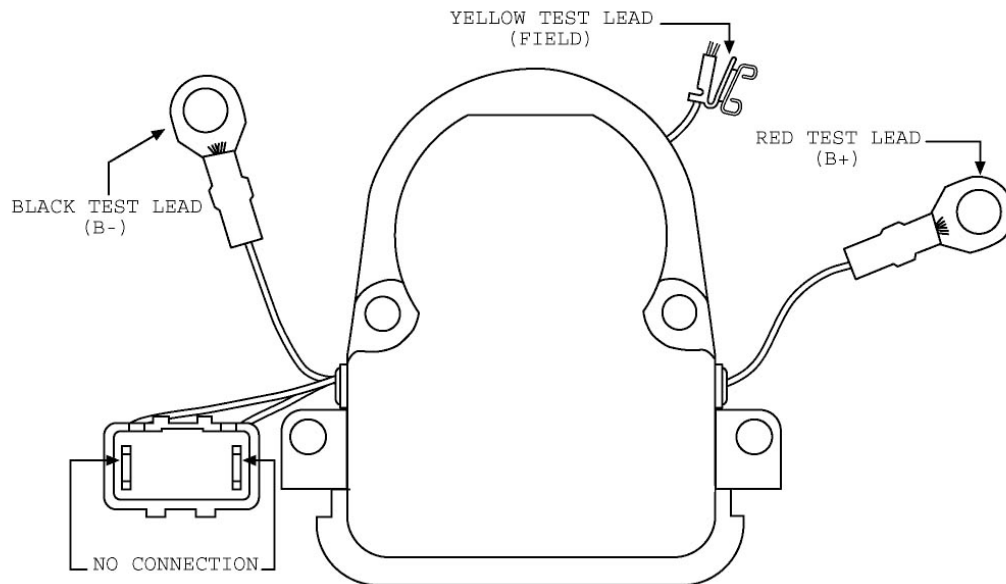


# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-181A	B	12	15.0				
M5-192A	B	12	14.2				
M5-201A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

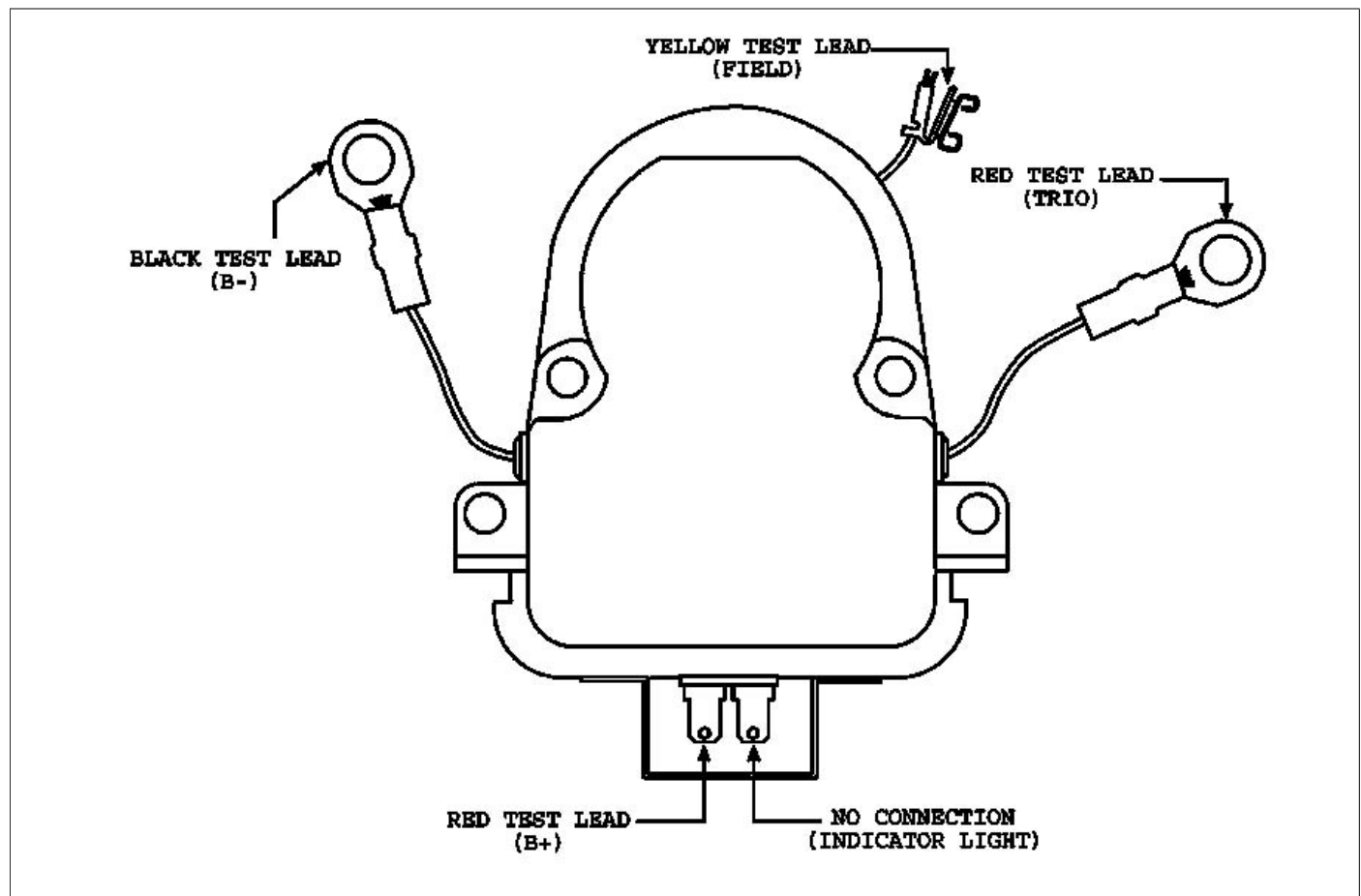


# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-172A	B	12	14.2				
M5-169A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

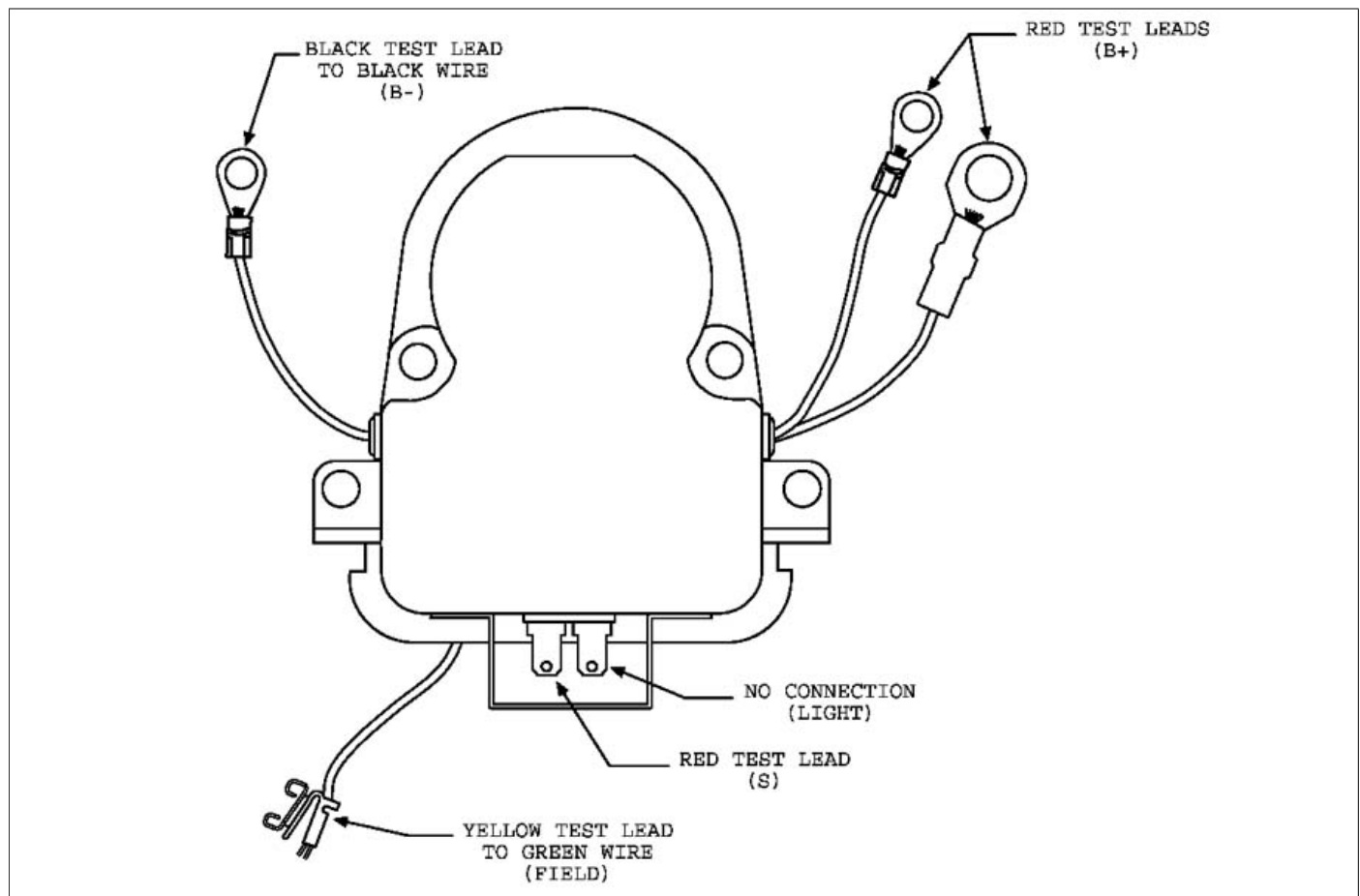
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-149A	B	24	28.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". field lamp should still blink and the meter will indicate approximately 29.5v.

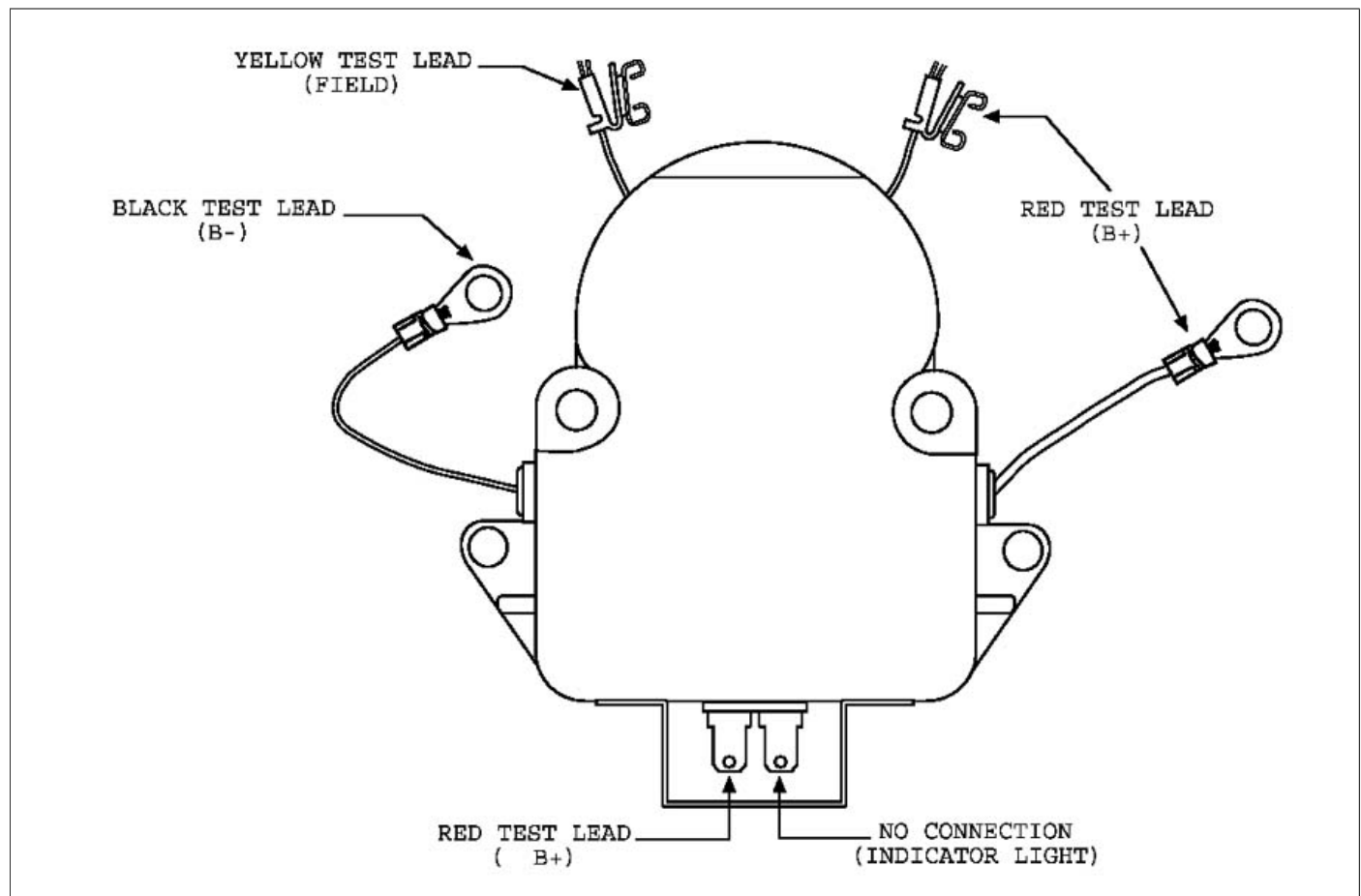


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-215A	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

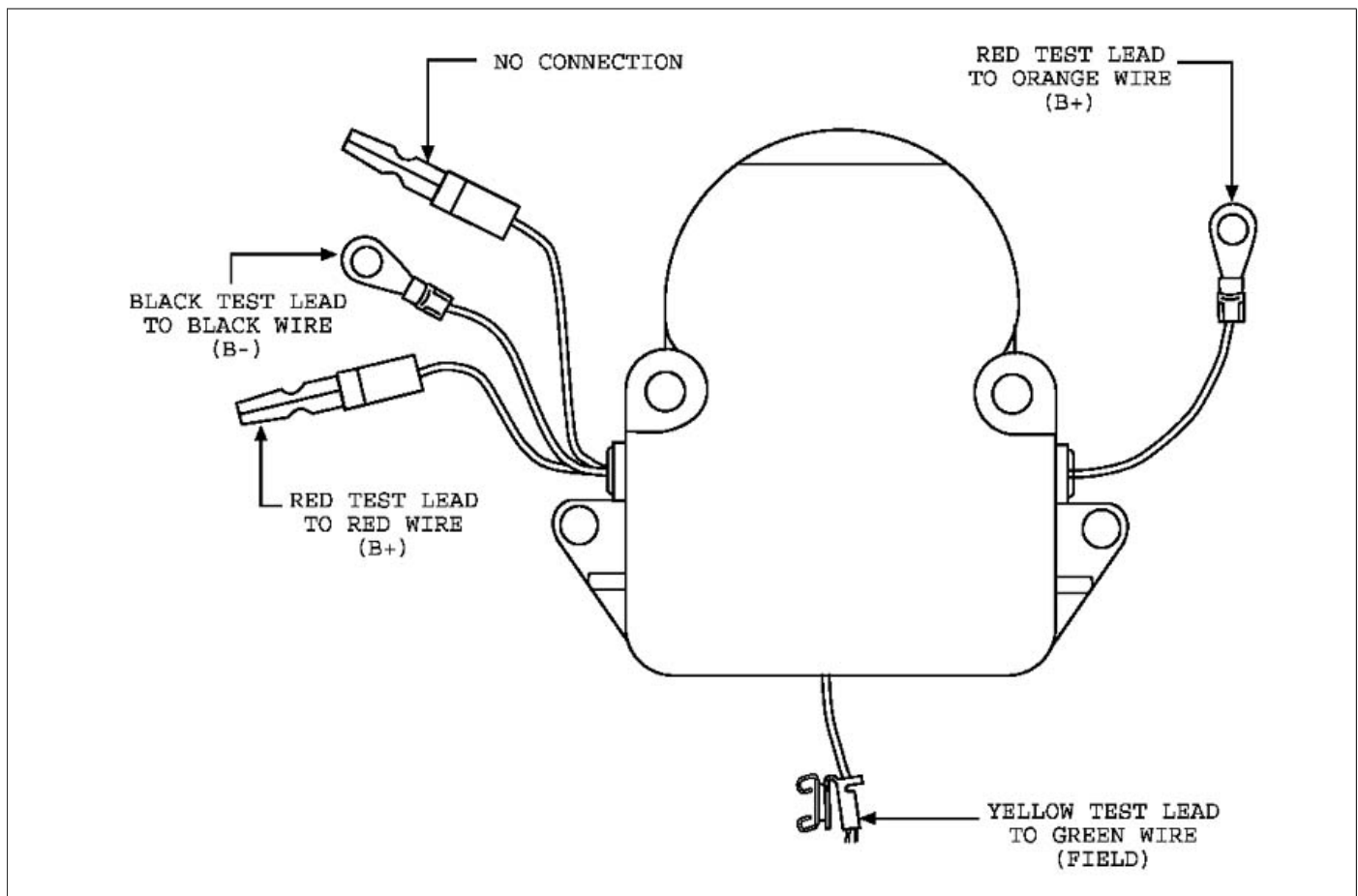


# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-193A	B	12	14.4				
M5-214A	B	12	14.4				
M5-240A	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

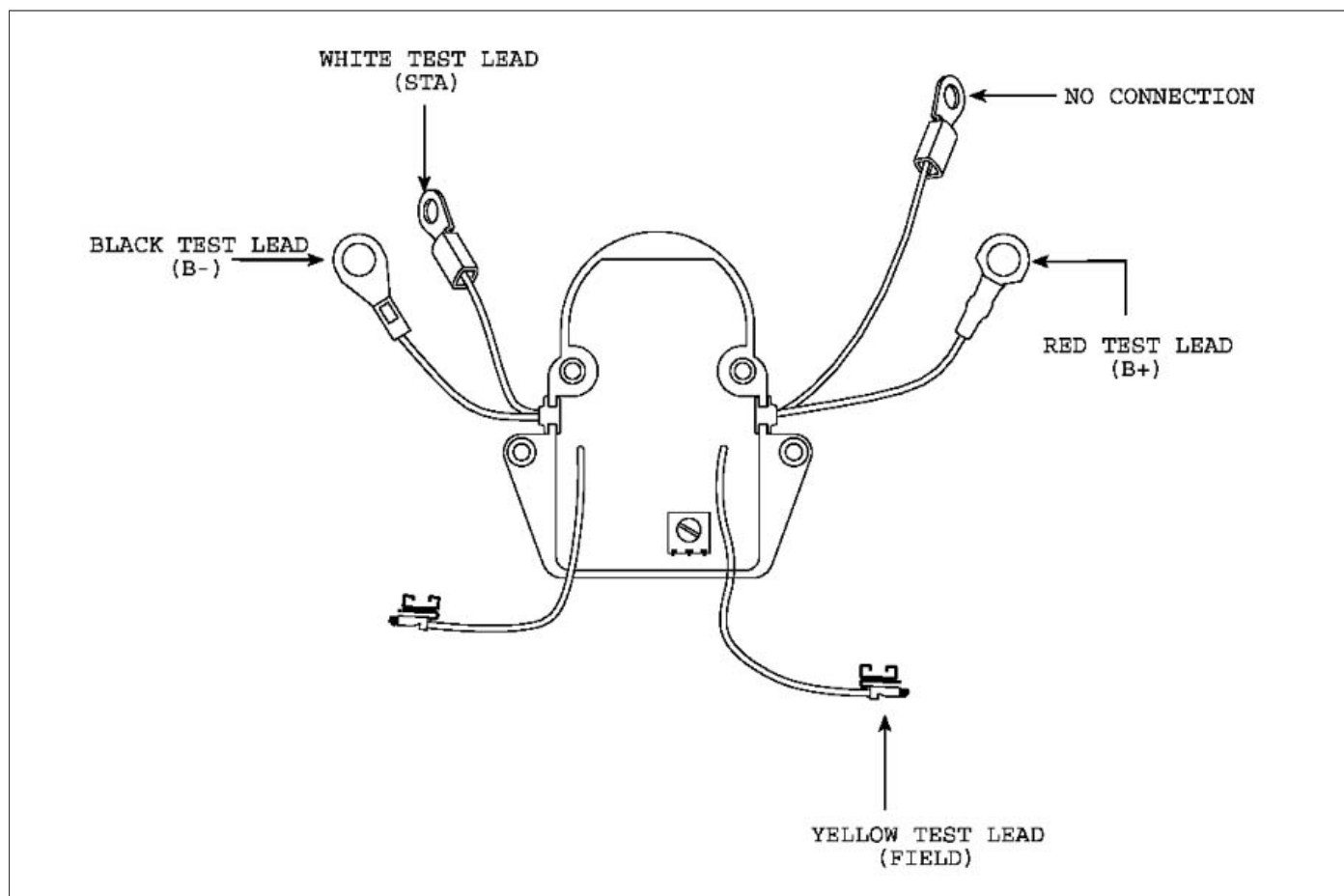
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-237A	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove red test lead from stator wires. The field lamp should stay on and the meter will indicate high voltage. Connect red test lead to the post marked "no connection". Regulator will regulate at the specified set point voltage.



# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

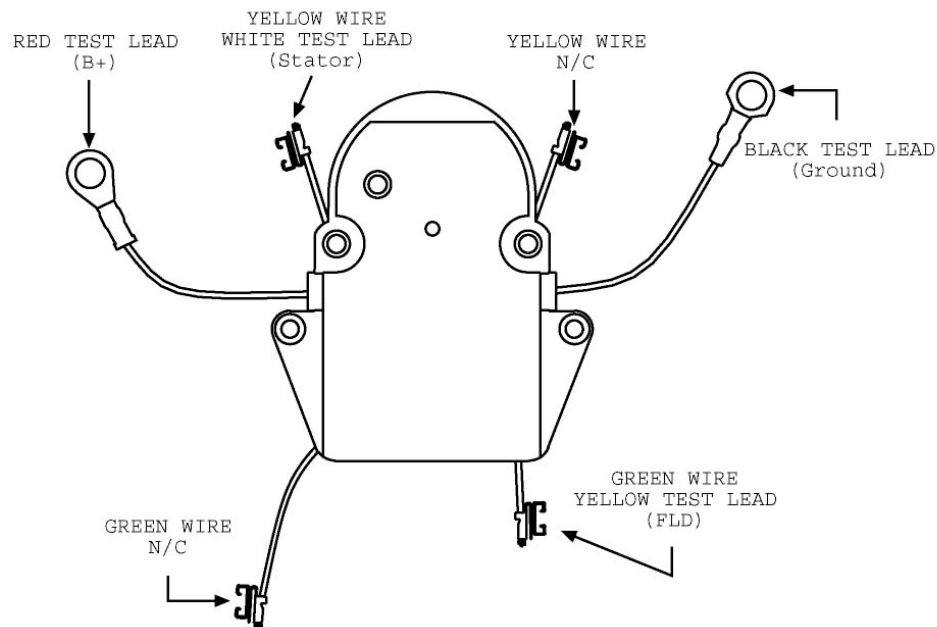
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-292A	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from terminal marked "Stator". Field lamp should turn off and the meter will indicate approximately 12v.



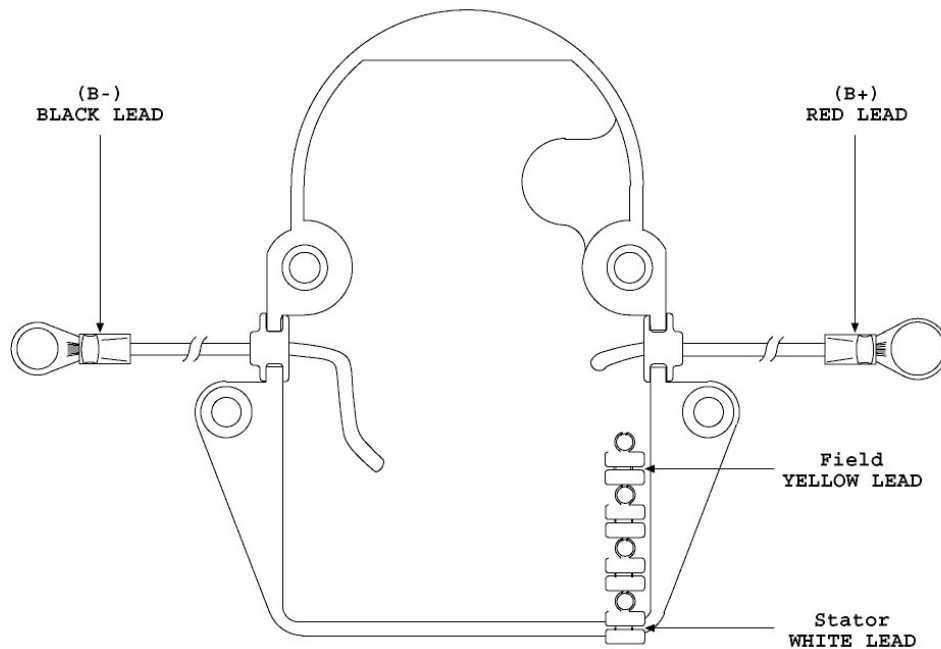


# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-329A	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

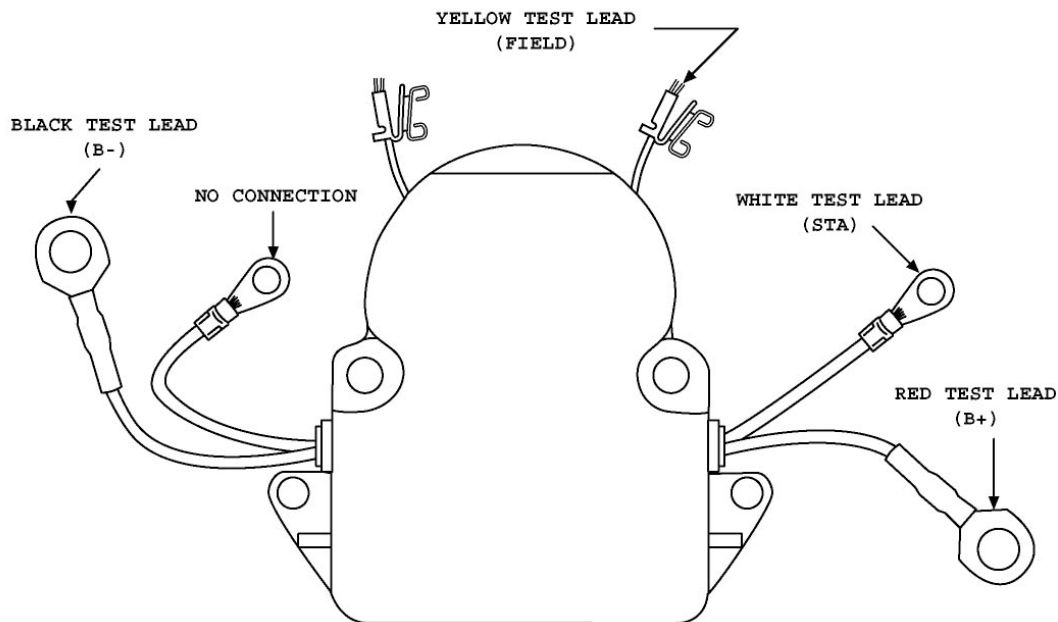
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-247A	B	24	27.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.



NOTE: Original Equipment Regulator no. 5-247 is an "A" circuit compared to Transpo's "B" circuit.

# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

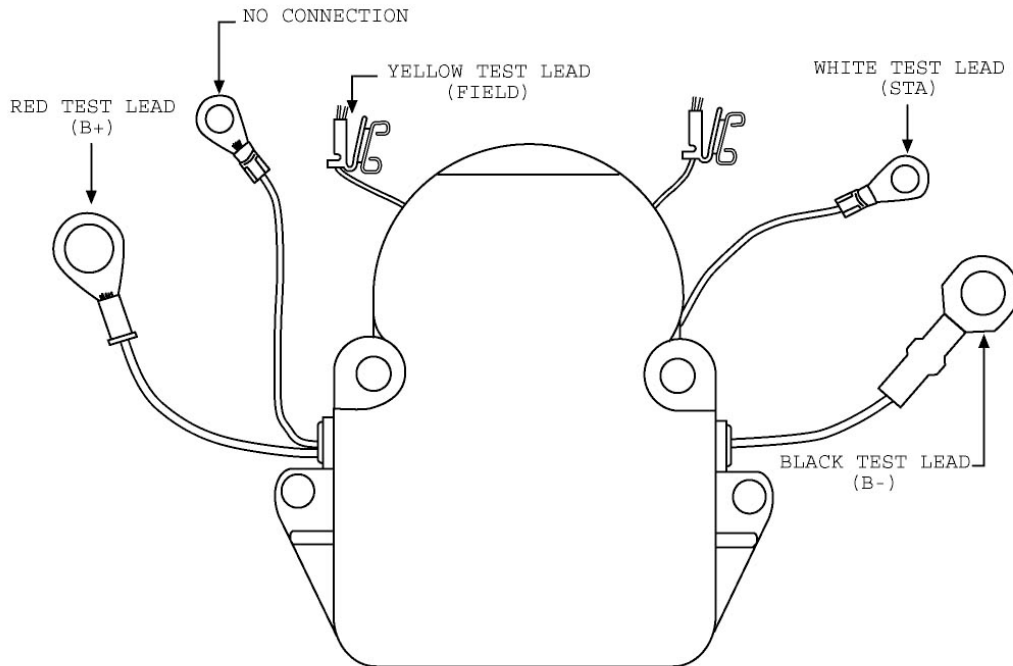
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-249A	B	24	28.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.



NOTE: Original Equipment Regulator no. 5-249 is an "A" circuit compared to Transpo's "B" circuit.

# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

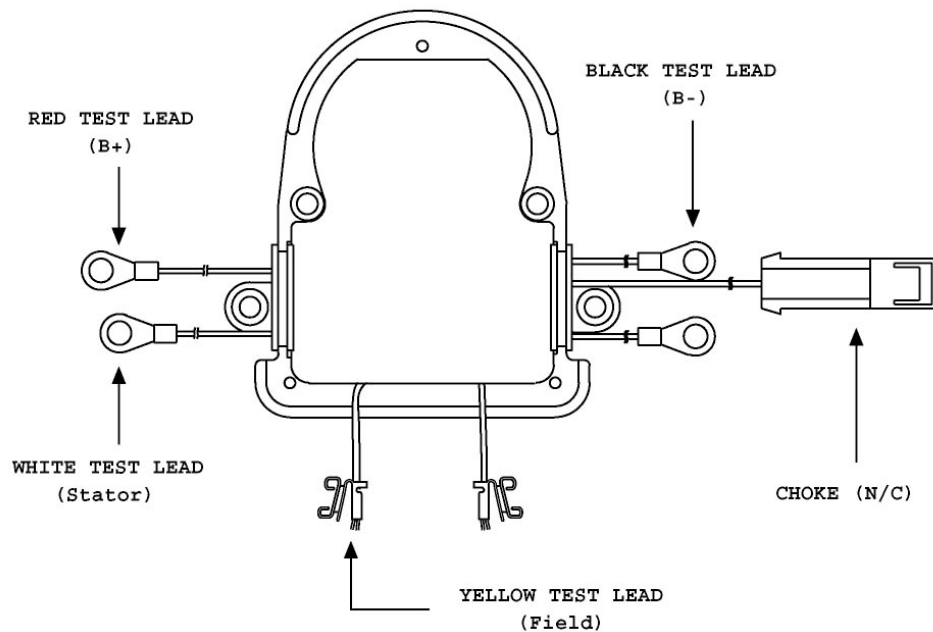
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-050A	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.



# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

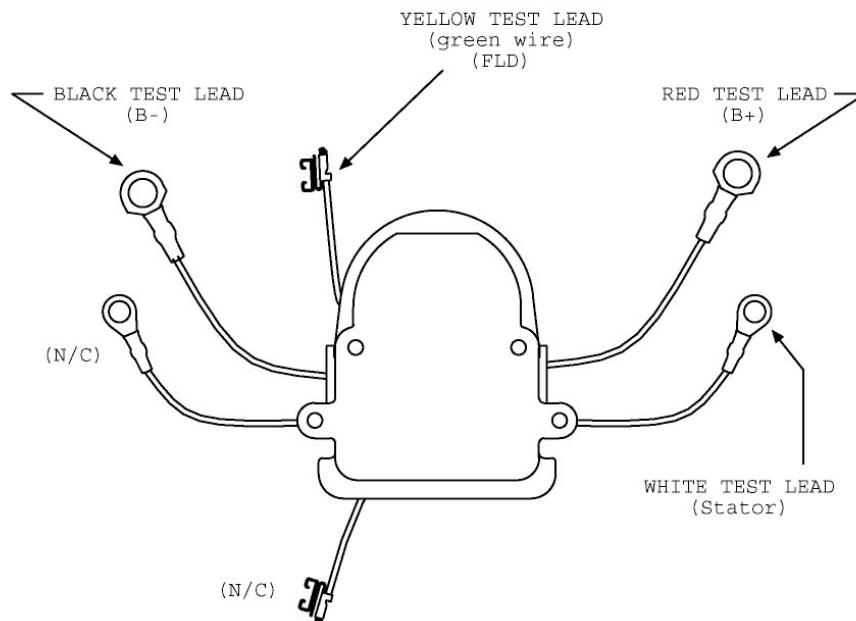
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-280A	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.

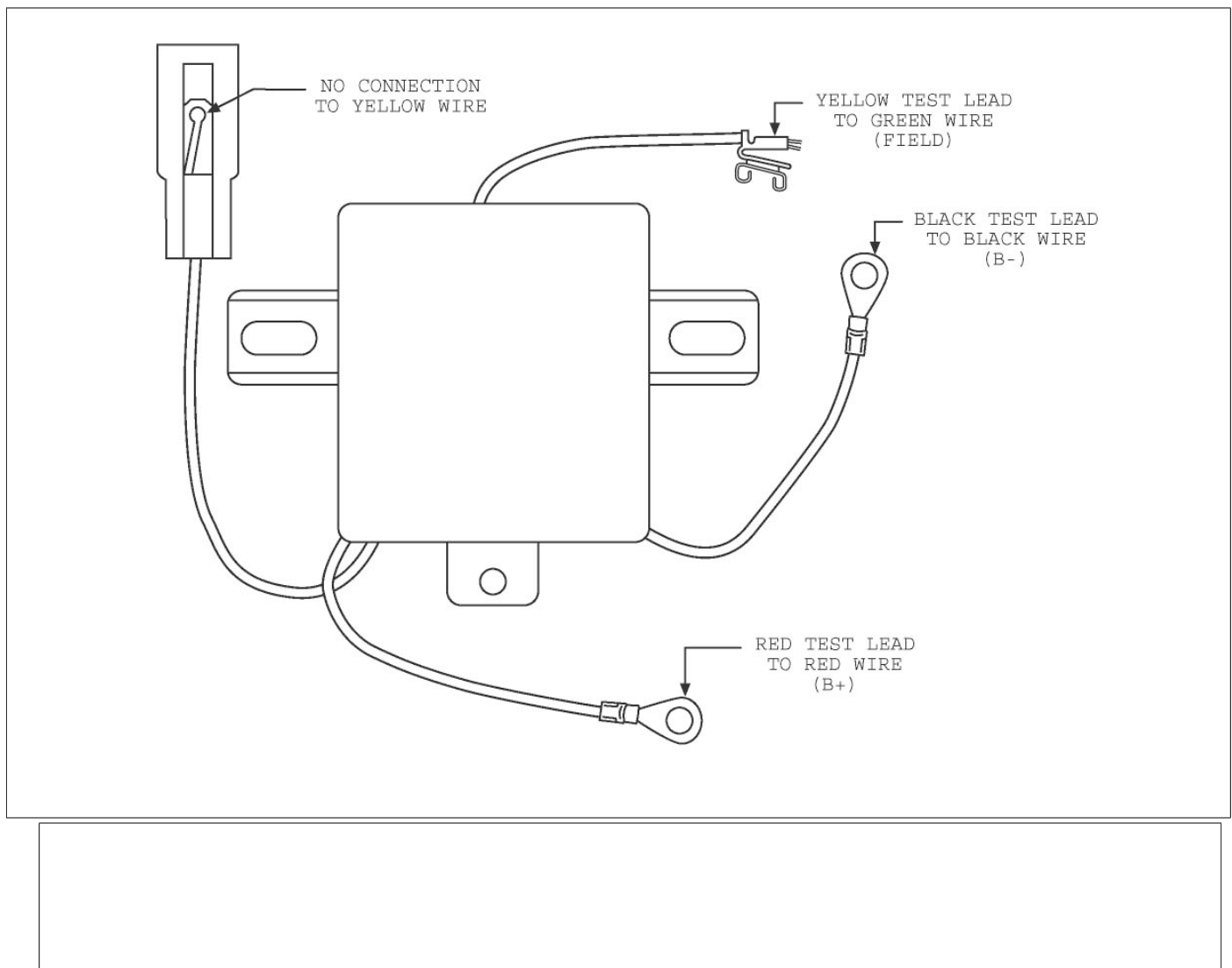


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-29A	B	12	15.0	M5-152A	B	12	14.2
M5-48A	B	24	29.2	M5-182A	B	24	29.2
M5-63A	B	24	29.2	M5-242(A)	B	12	14.2
M5-151A	B	12	15.0	M5-248A	B	24	28.4

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

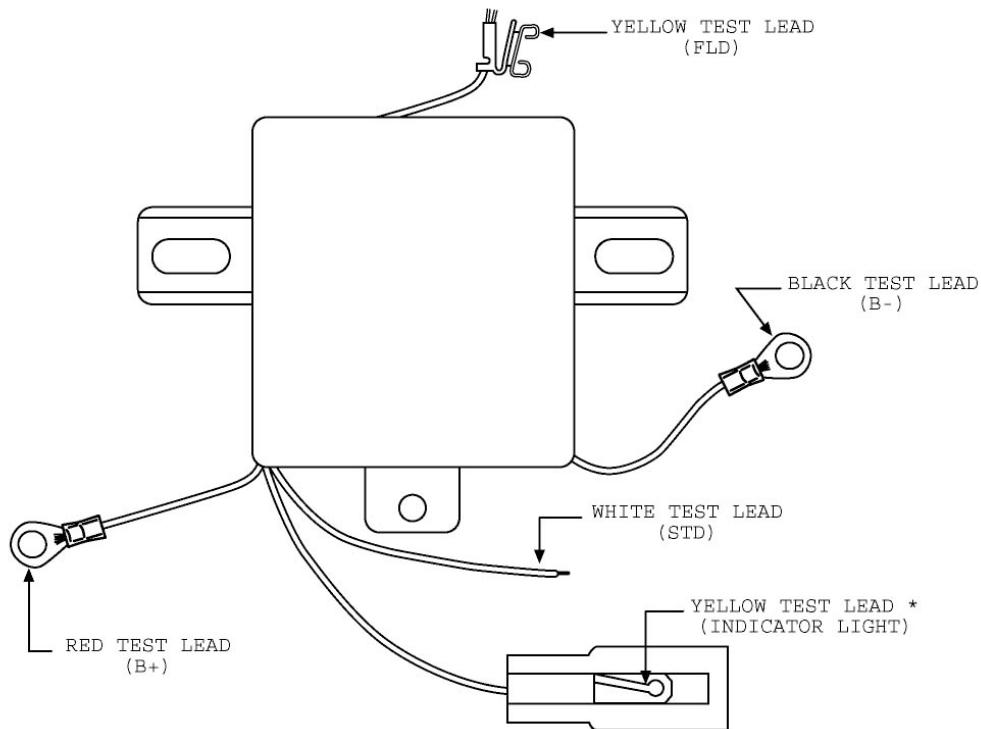
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-151SA6	B	6	7.8	M5-151SA32	B	32	37.5
M5-151SA8	B	8	9.6				
M5-151SA12	B	12	14.2				
M5-151SA24	B	24	27.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove the white test lead from the yellow wire of the regulator marked "stator". Field lamp should turn off and the meter will indicate low voltage. On models with indicator light connection, removal of stator lead from regulator should cause the light to turn on and meter indicates low voltage.



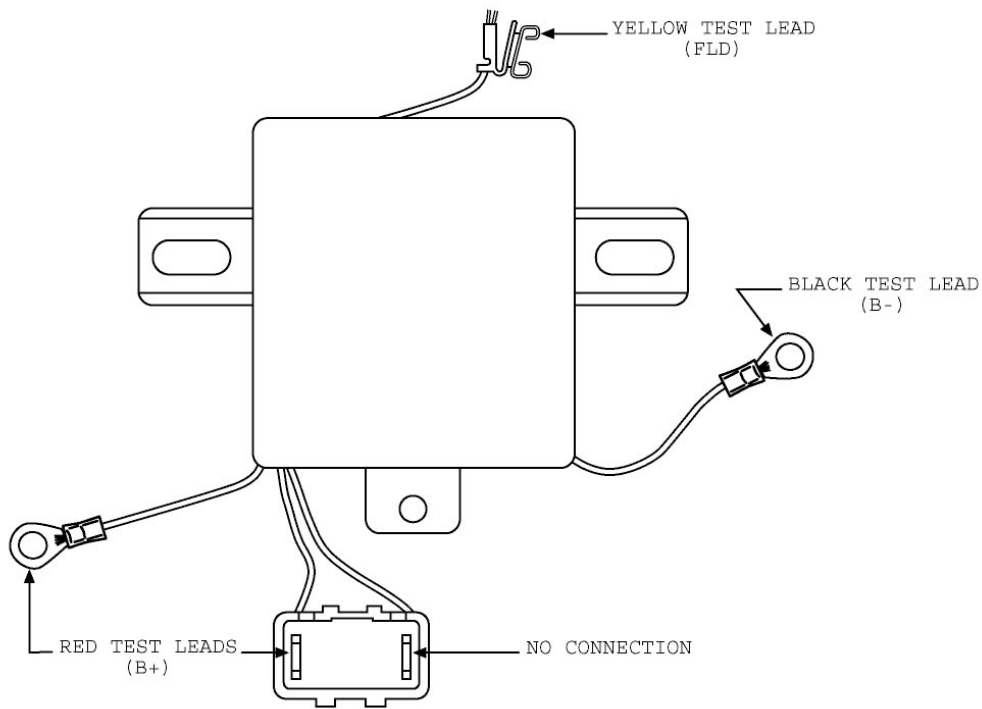
NOTE \* Not used for 24V and 32V

## TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-26A	B	12	15.2	M5-153A	B	12	15.0
M5-27A	B	24	29.2	M5-183A	B	24	29.2
M5-92A	B	12	15.2				
M5-93A	B	24	29.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



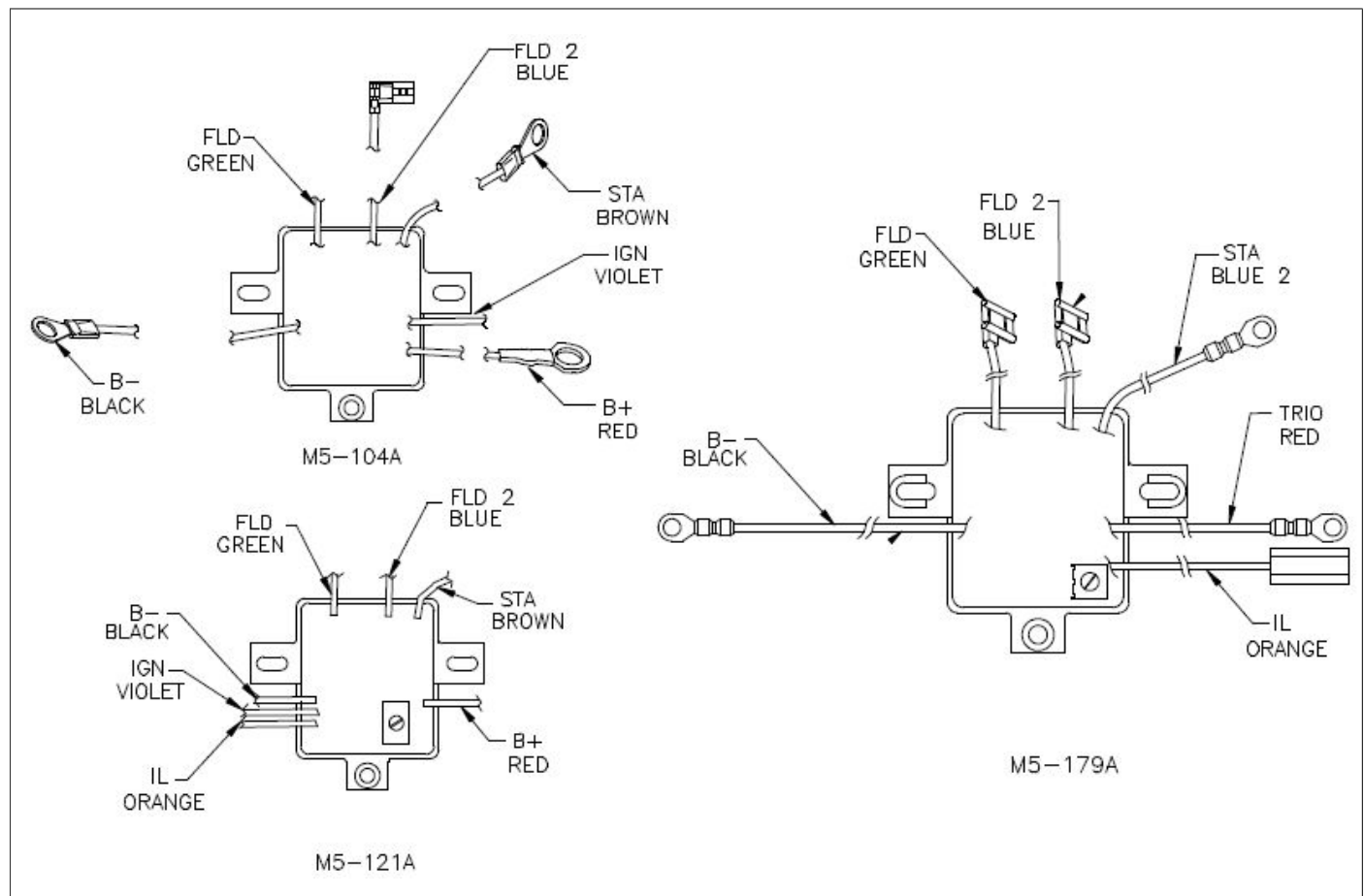


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-104A	A	12	14.2				
M5-121A	A	12	14.2				
M5-179A	A	24	28.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## NOTE:

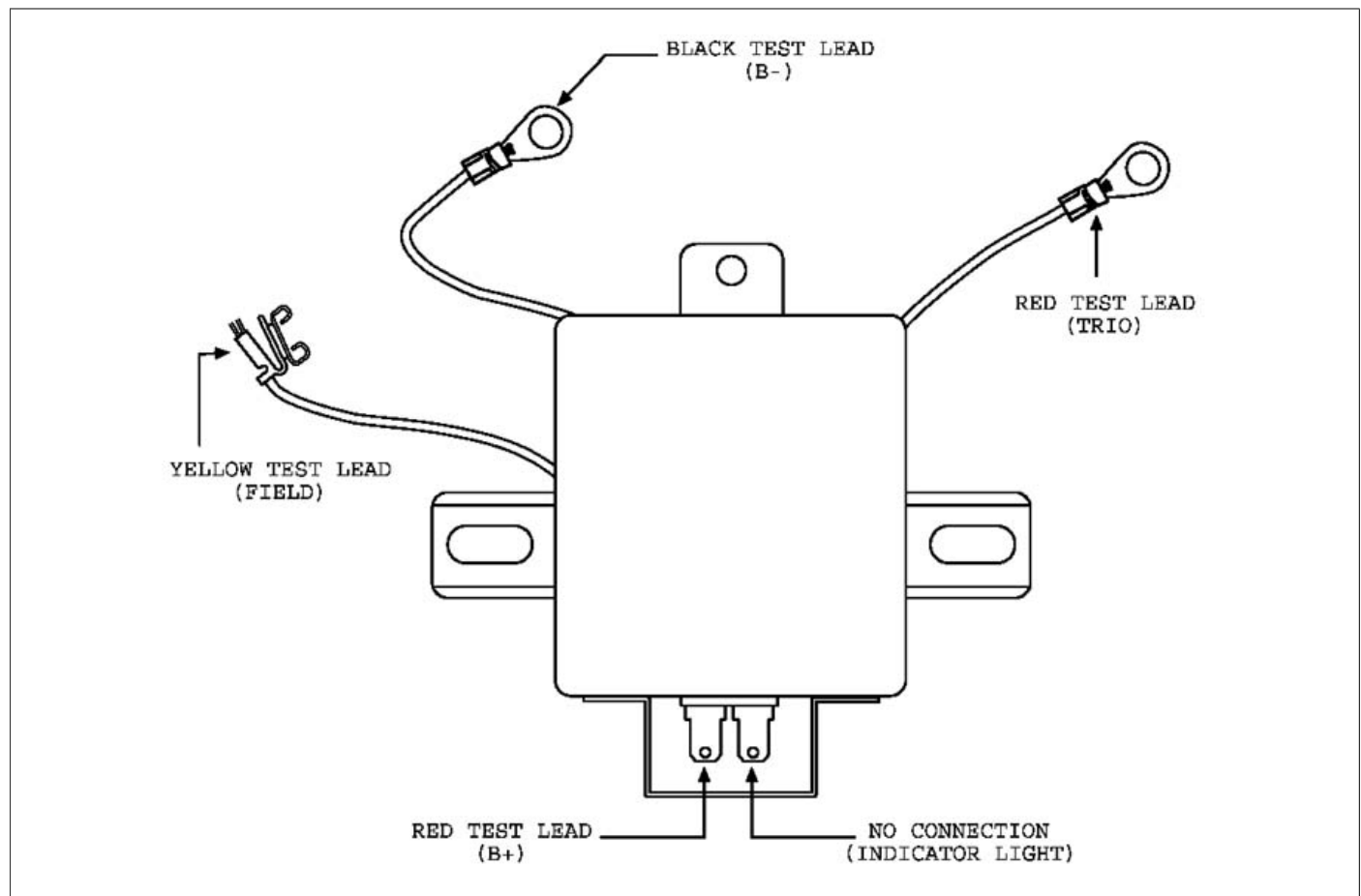
The above are "SCR" type regulators. They cannot be tested on Transpo's regulator tester due to a requirement of an adapter. To test them simply install them in the appropriate alternator and check for regulation.

# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-164A	B	24	28.4				
M5-167A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

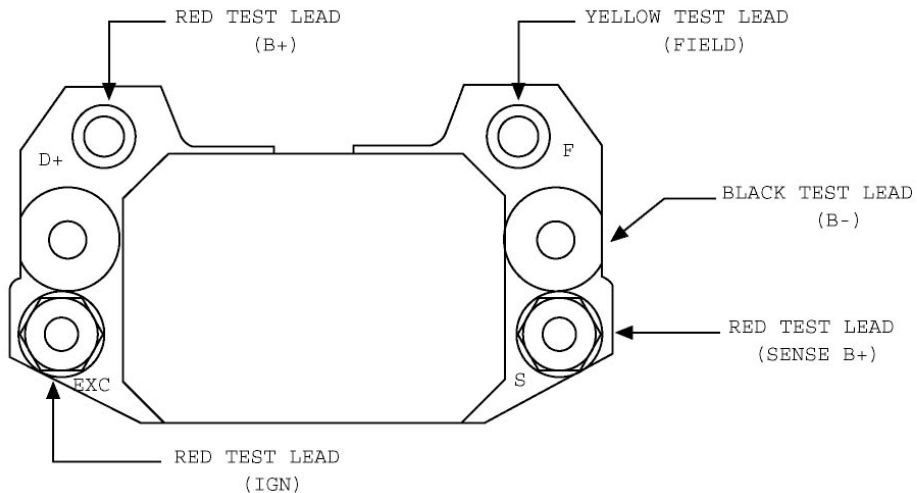


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-265	A	12	14.4				
M5-266	A	12	14.4				
M5-269	A	24	28.4				
M5-270	A	24	28.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

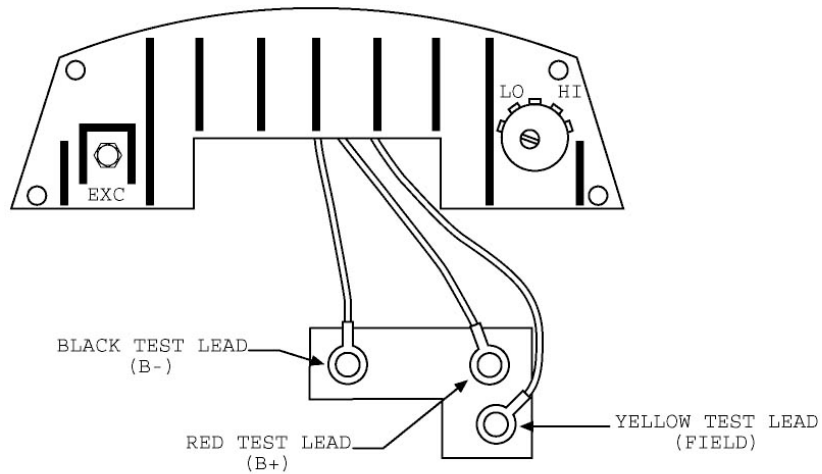


# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-123A	A	24	28.0				
M5-128A	B	32	38.4				
M5-234A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

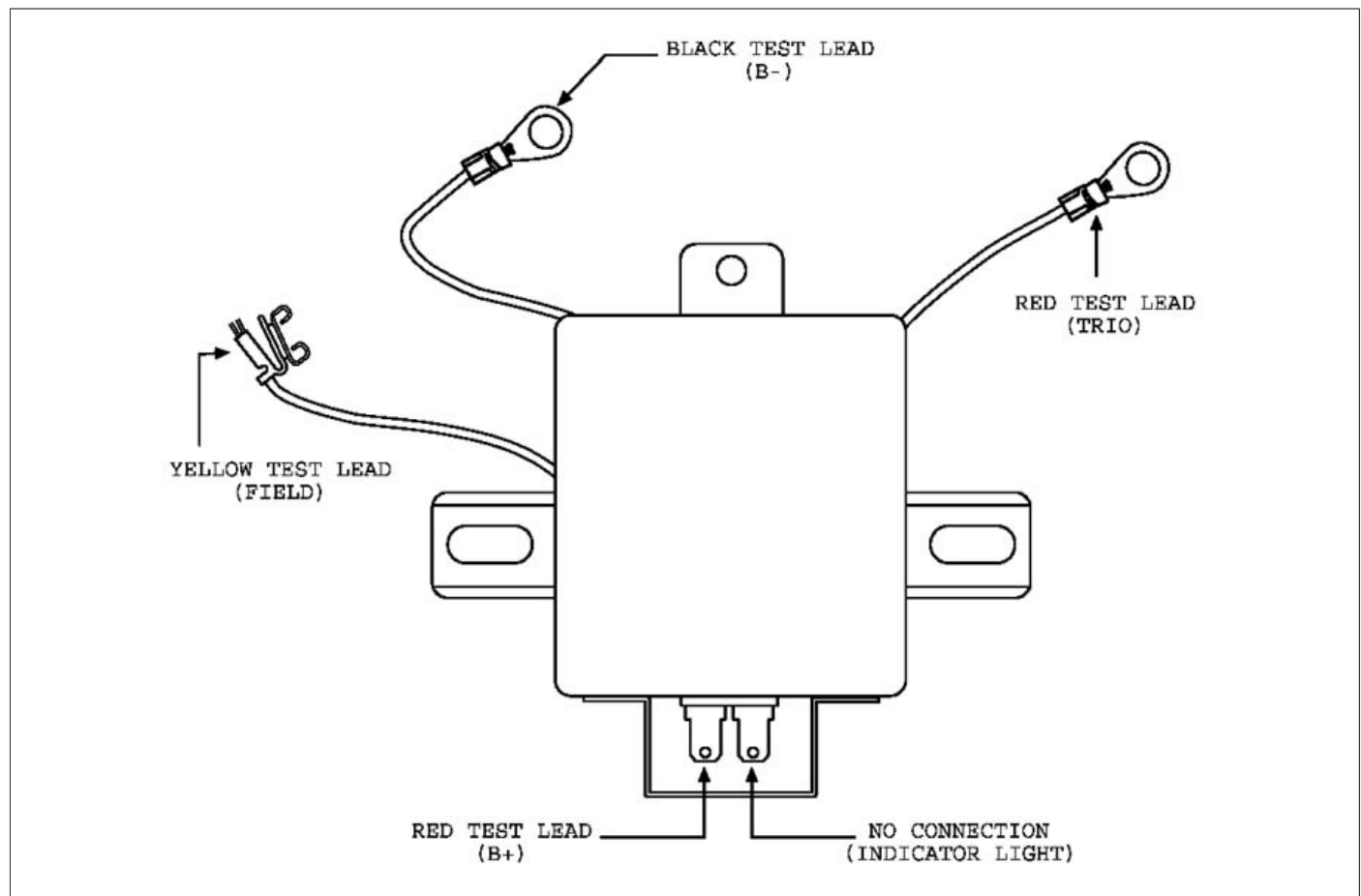


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-158A	B	24	29.2				
M5-162A	B	24	28.4				
M5-166A	B	24	28.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

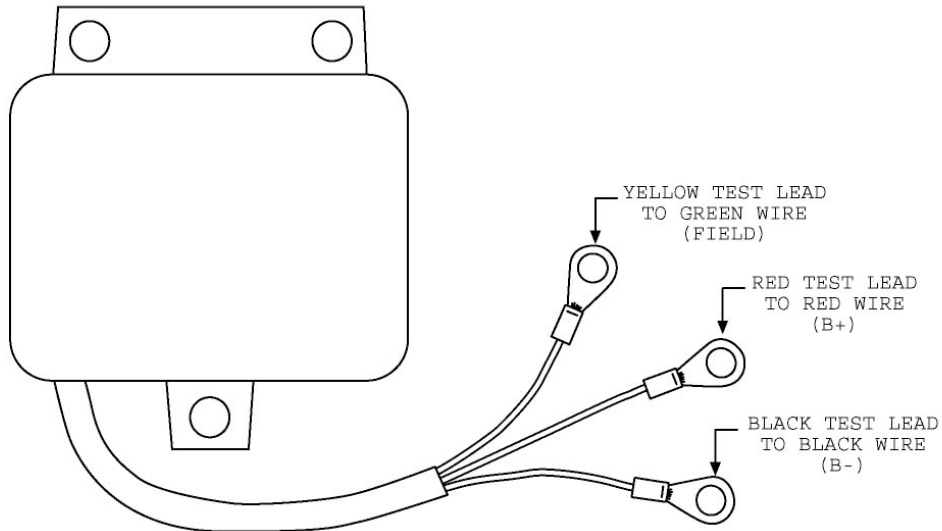


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-160A	B	24	29.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## REGULATOR CONNECTION

BLACK  
RED  
GREEN  
YELLOW

## TEST LEAD

BLACK  
RED  
YELLOW  
NO CONNECTION

## FUNCTION

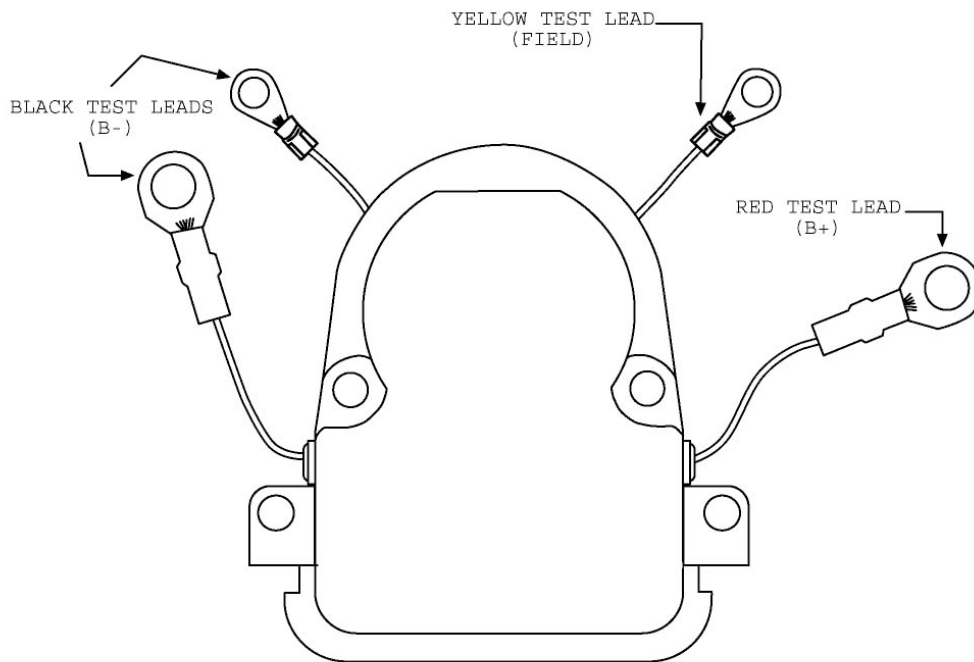
BATTERY NEGATIVE  
TRIO, IGNITION, AUX  
FIELD

# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-165A	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

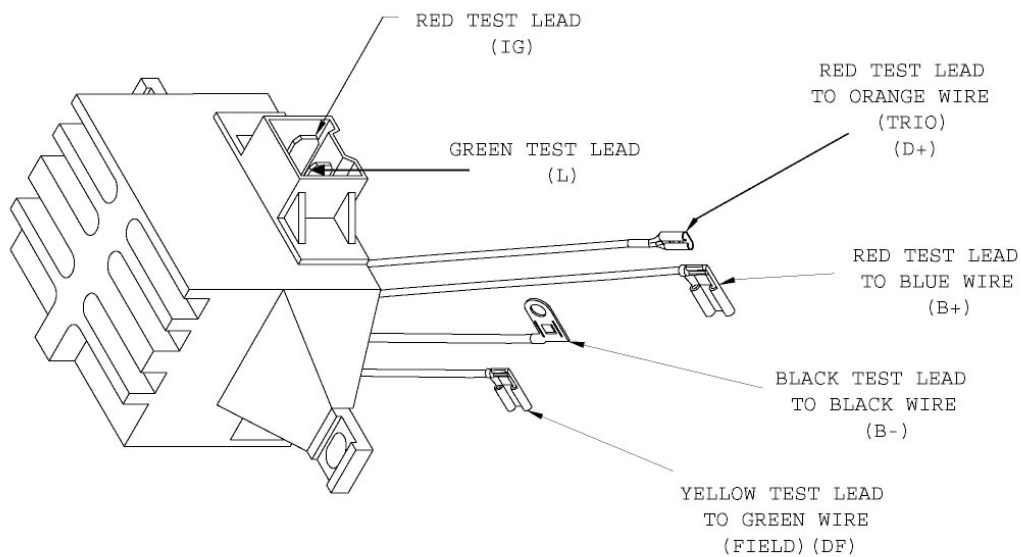


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-508	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



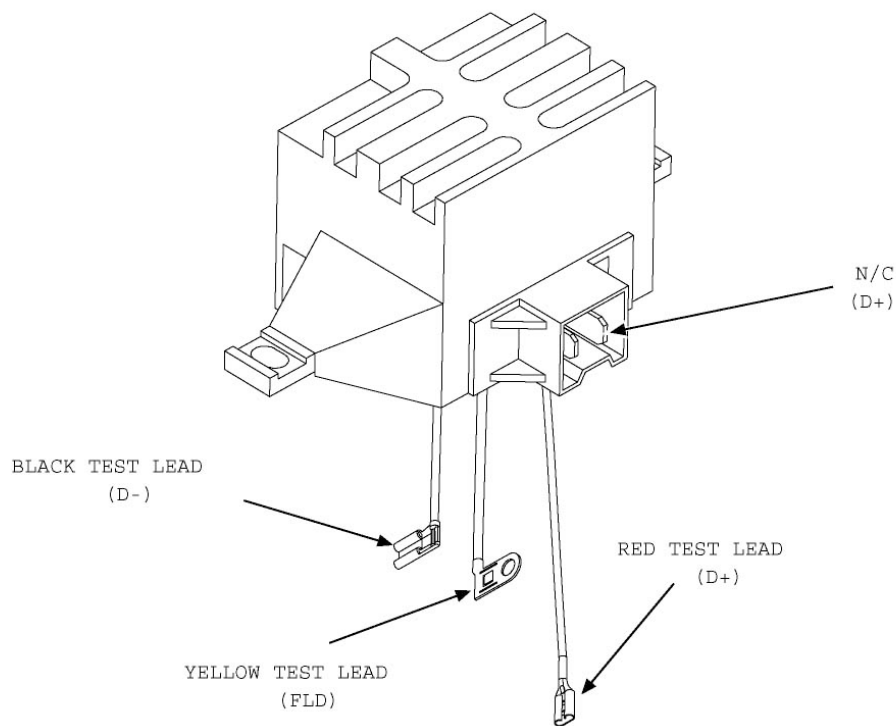


## TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-509	B	12	14.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

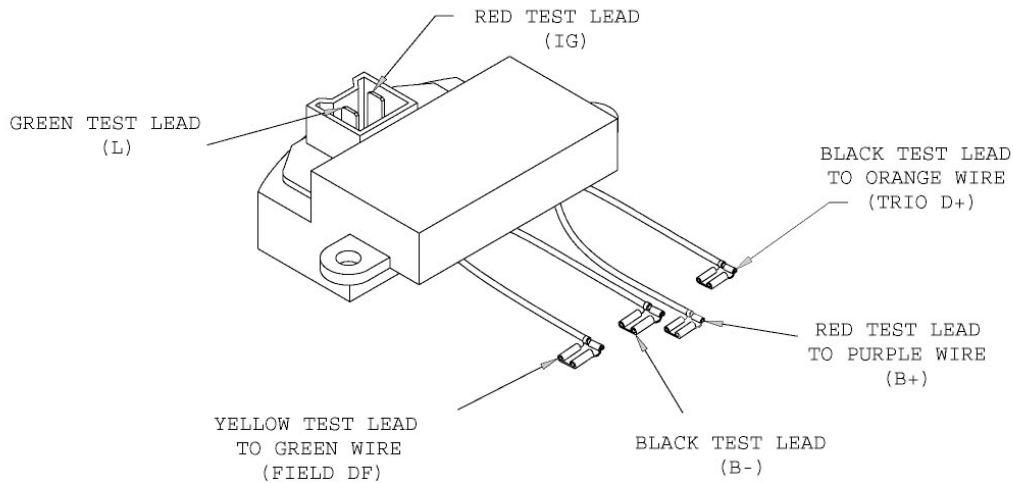


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-515	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove black test lead from terminal marked "D+". Indicator will come on.

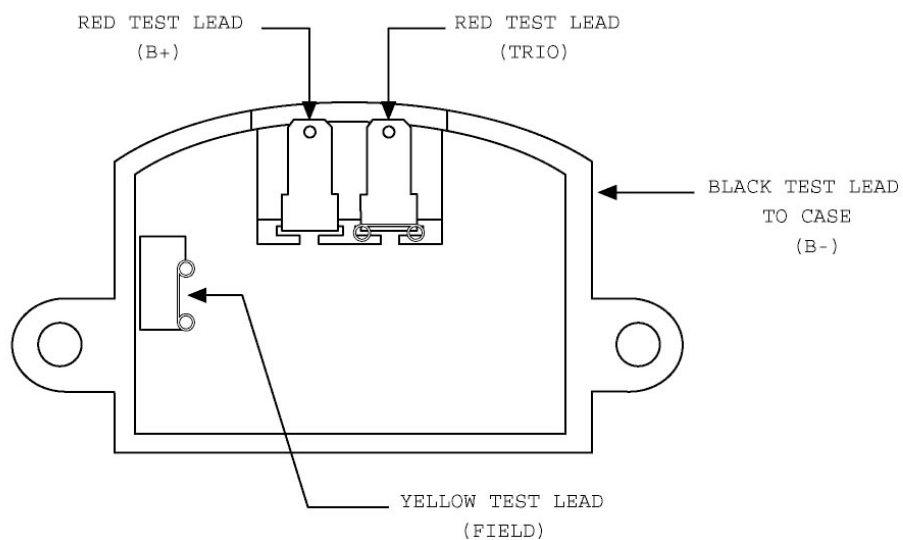


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-170A	B	12	14.4				
M5-742A	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

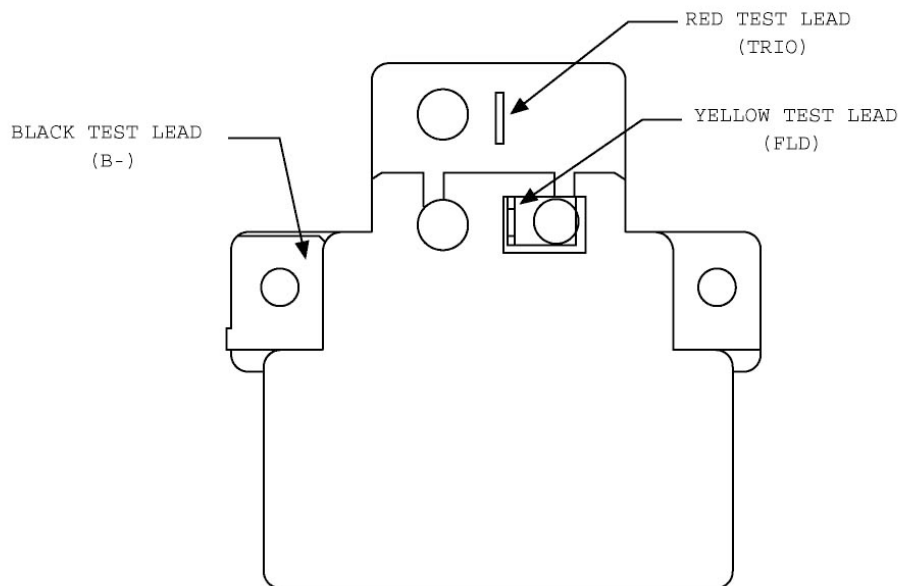


## TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-762	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

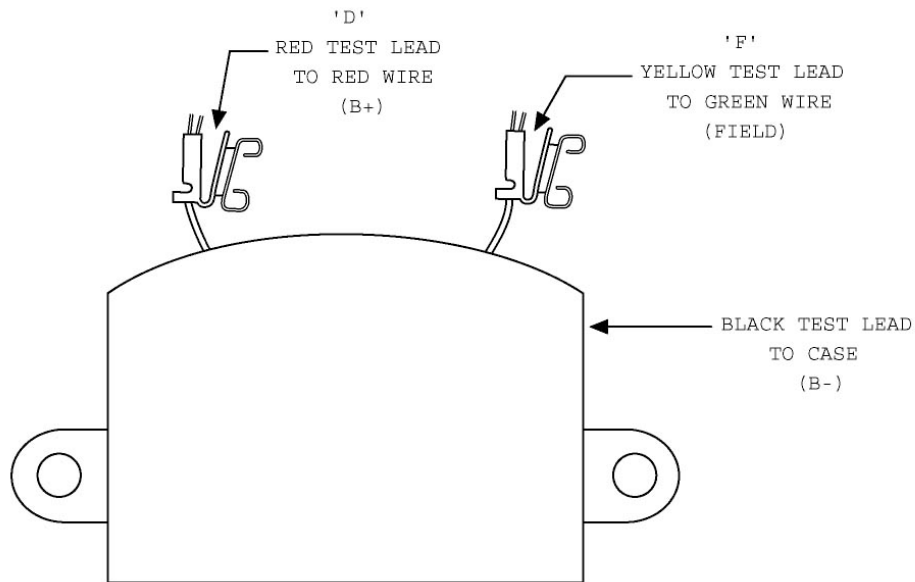


## TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-180A	B	12	14.2				
M5-241A	B	12	14.2				
M5-763A	B	12	14.1				
M5-764A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

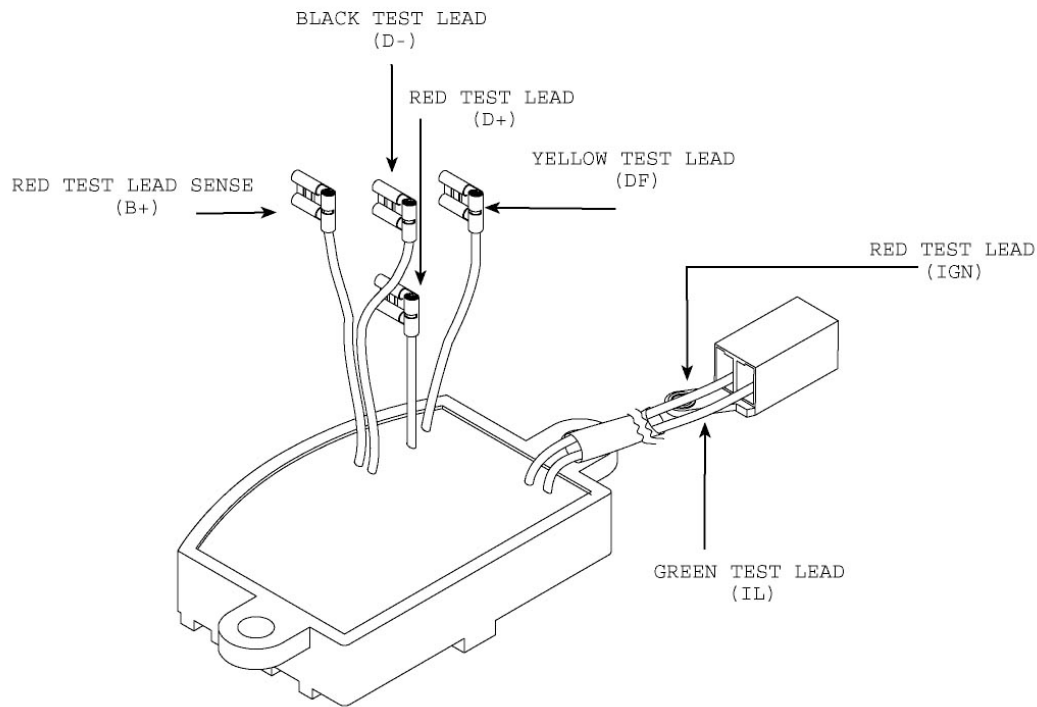


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-768	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove red test lead from terminal marked "D+". Indicator light will come on.

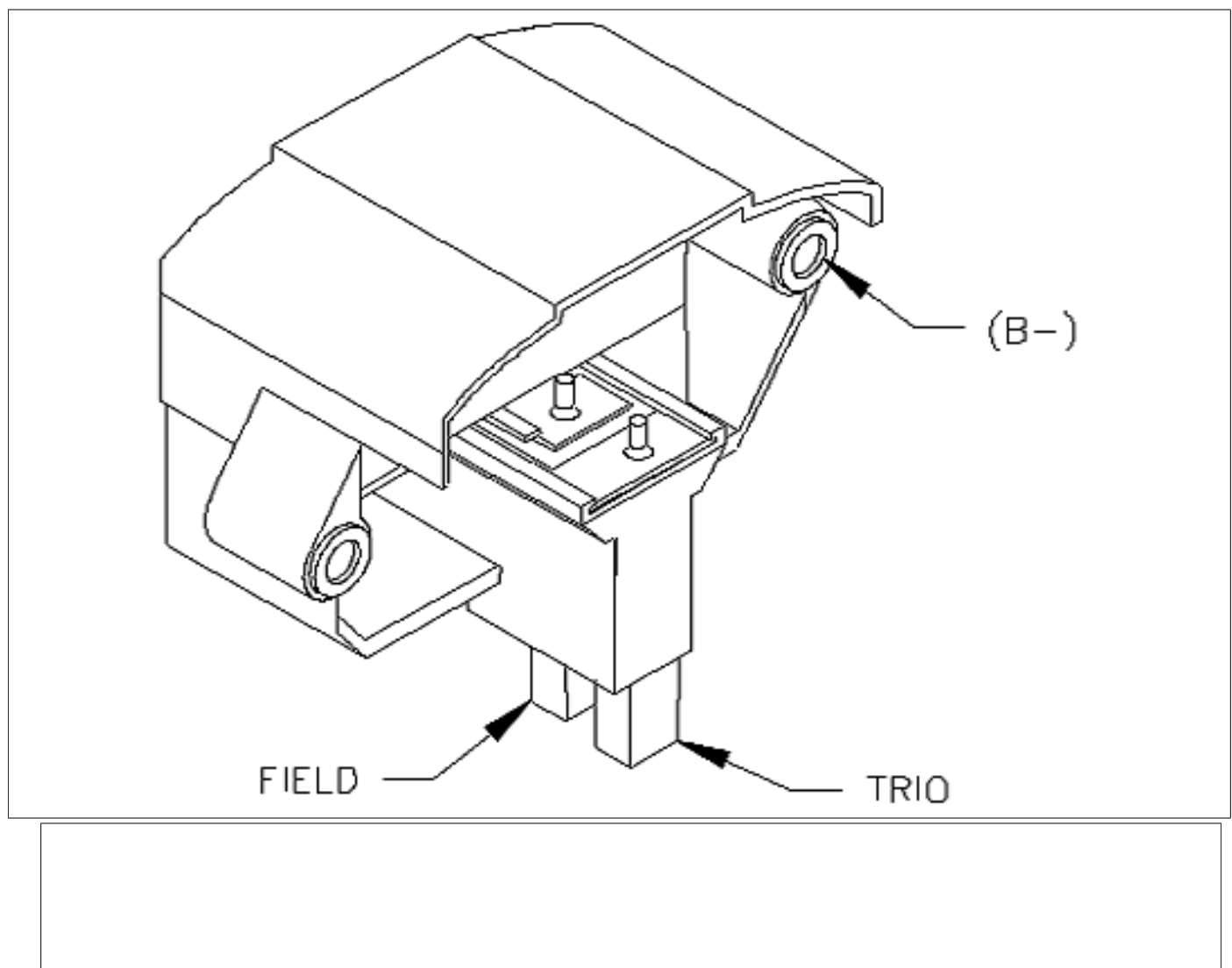


## TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M506	A	12	14.1				
M508	A	12	15.0				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.

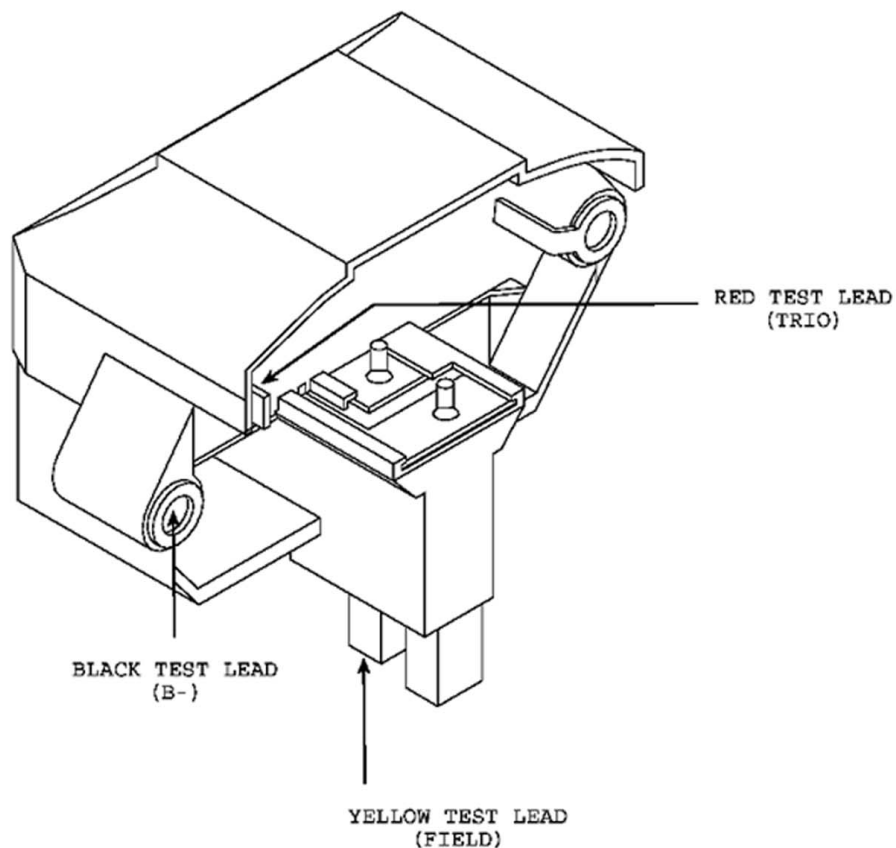


## TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M507	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



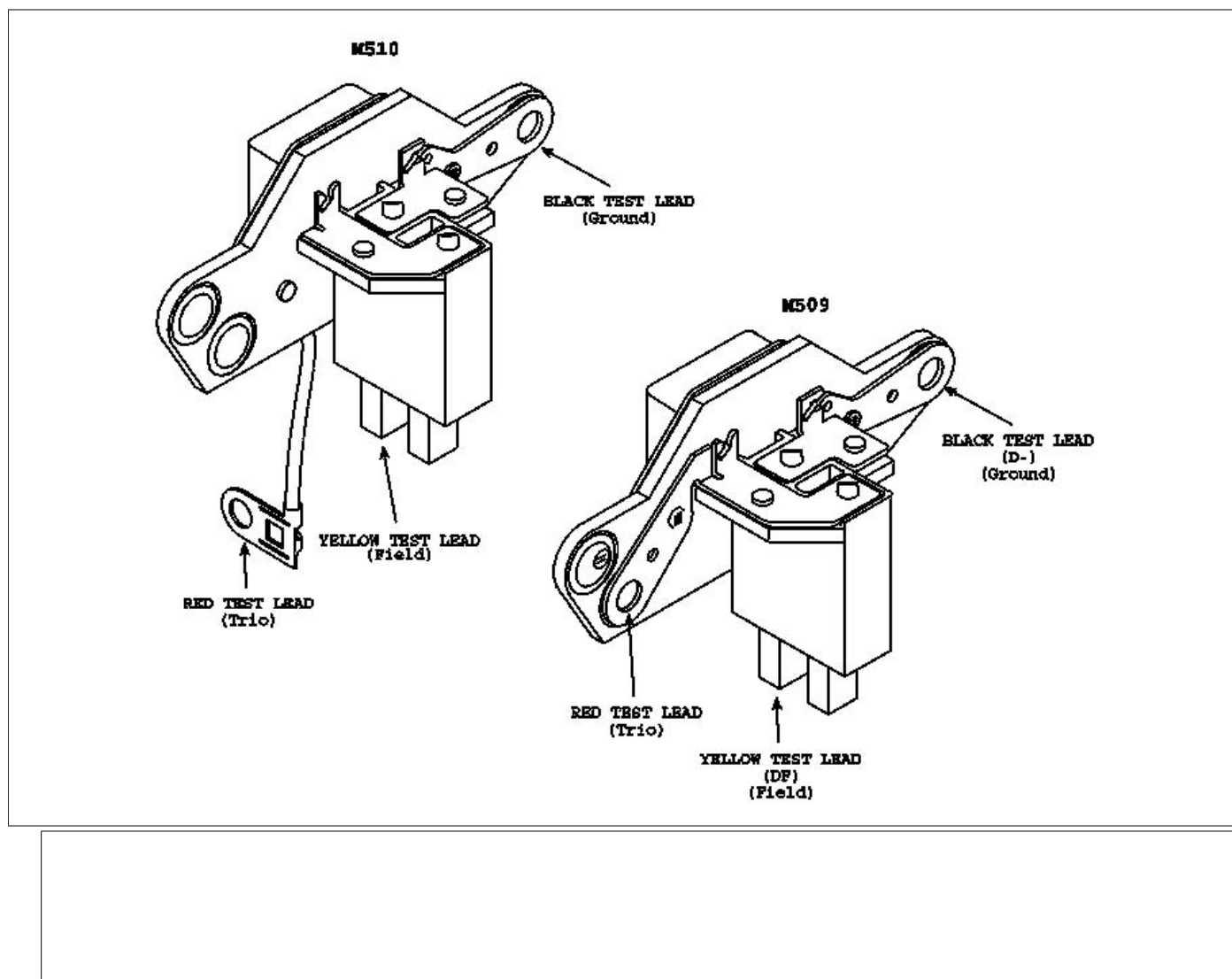


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M509	A	12	14.4				
M510	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

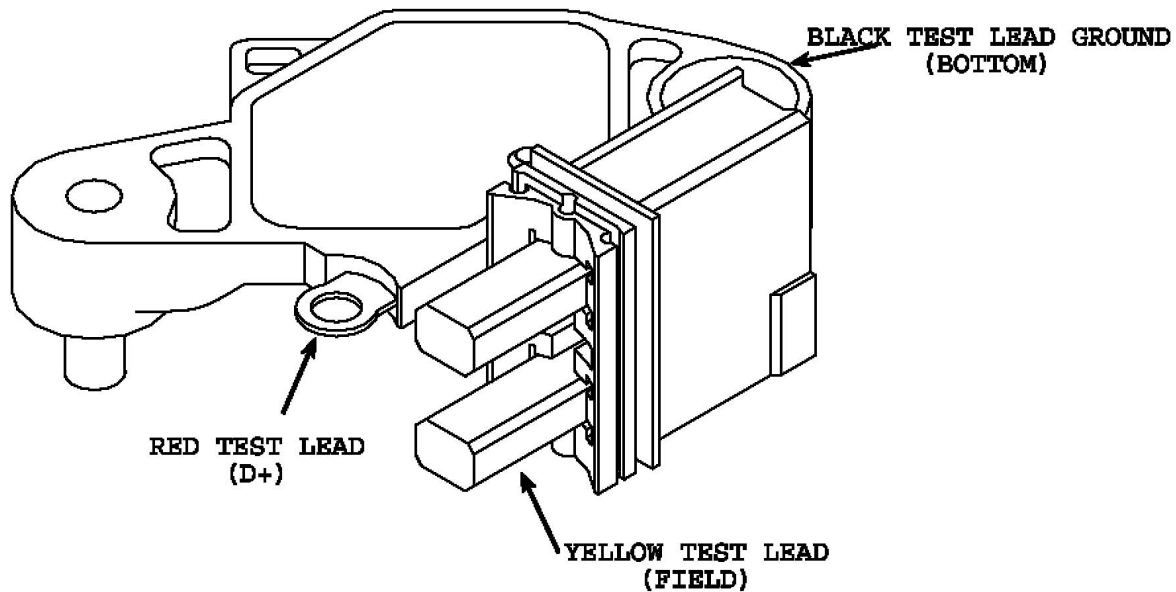


## TRANSCO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M511	A	14	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M512	A	12	14.6				

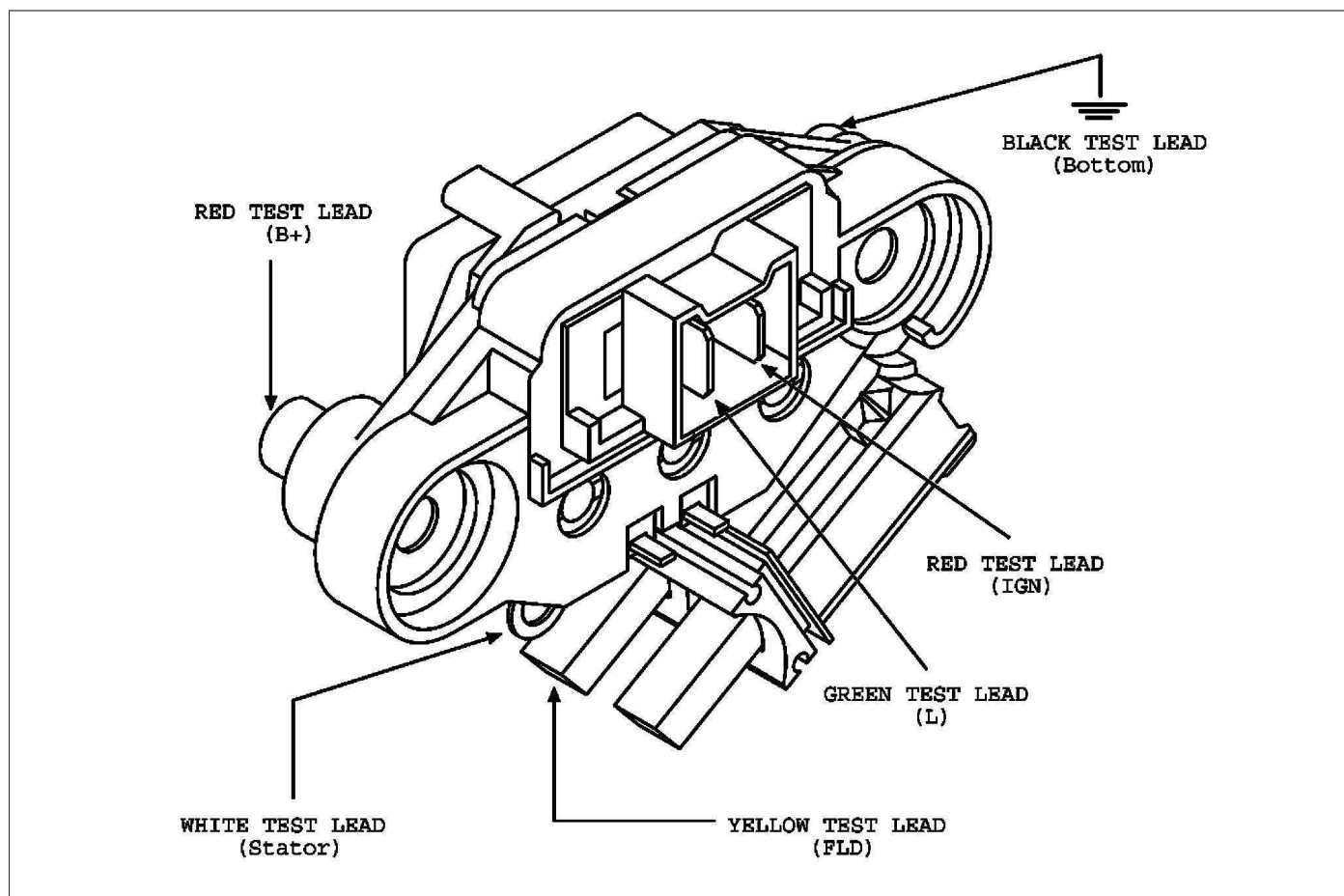
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white lead from stator and voltage should drop to 12.0v. lamp should come on. Field circuit lamp stays on.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M513	A	12	14.6				

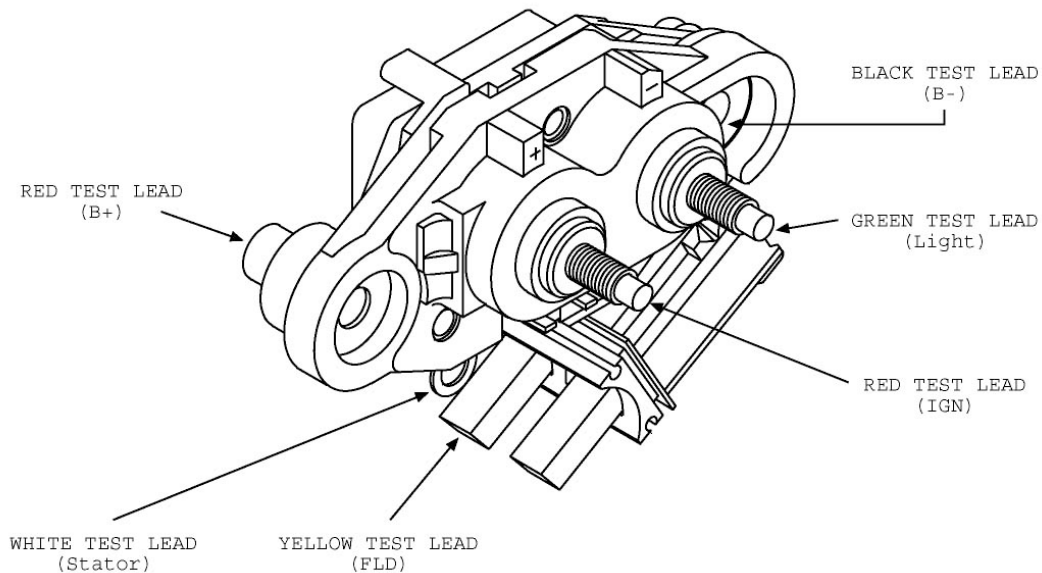
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white lead from stator and voltage should drop to 12.0v and 12V lamp should come on. Field circuit lamp stays on.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

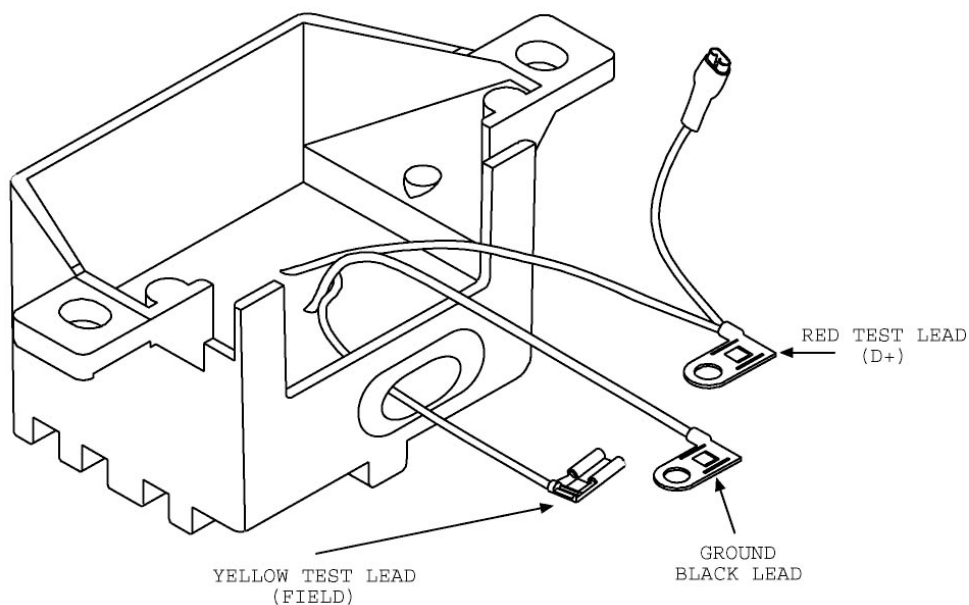


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-036	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

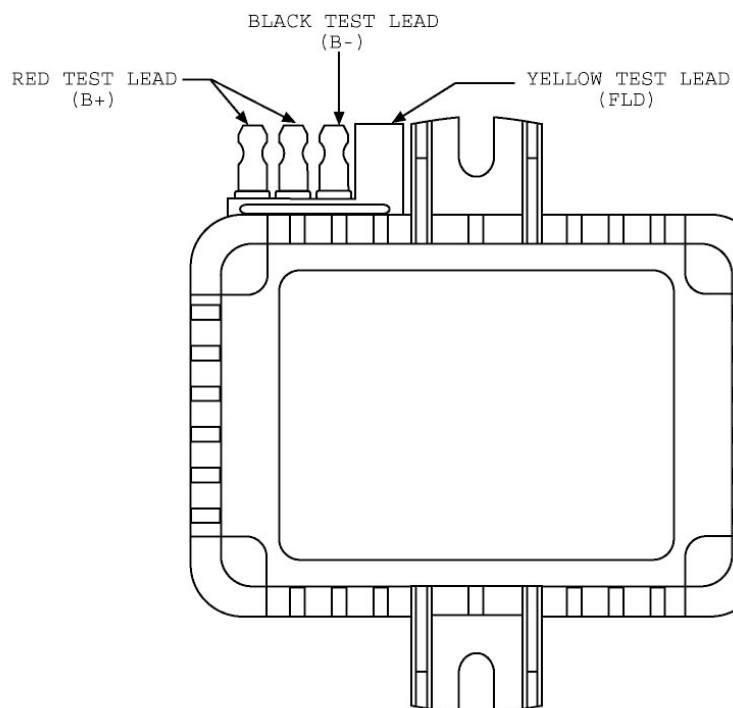


## TRANSPO TESTER INSTRUCTIONS

for NIEHOFF type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
NA2-101	A	24	27.5				
NA2-102	A	12	14.2				
NA2-103	A	32	37.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for NIEHOFF type regulators

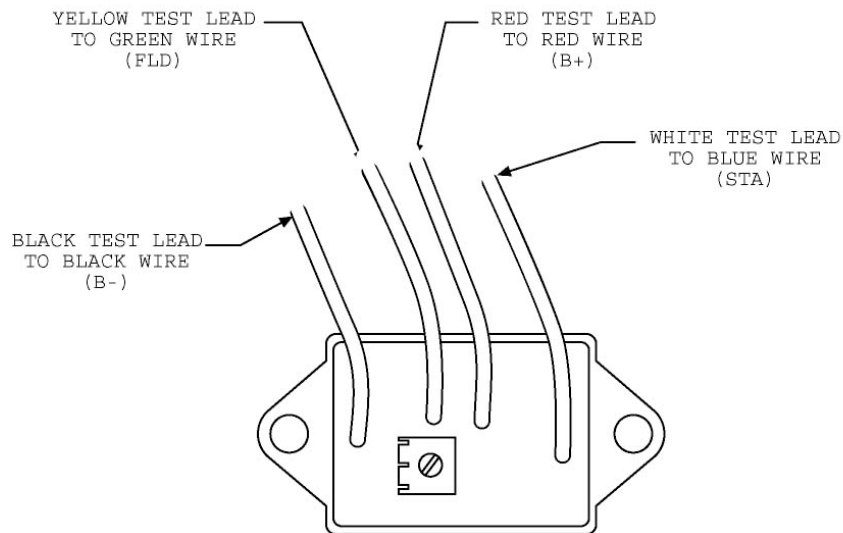
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
N9013	A	12	14.3				
N9015	A	24	27.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white test lead from blue wire of the regulator. Field lamp should turn off and the meter will indicate low voltage.



# TRANSCO TESTER INSTRUCTIONS

for NIEHOFF type regulators

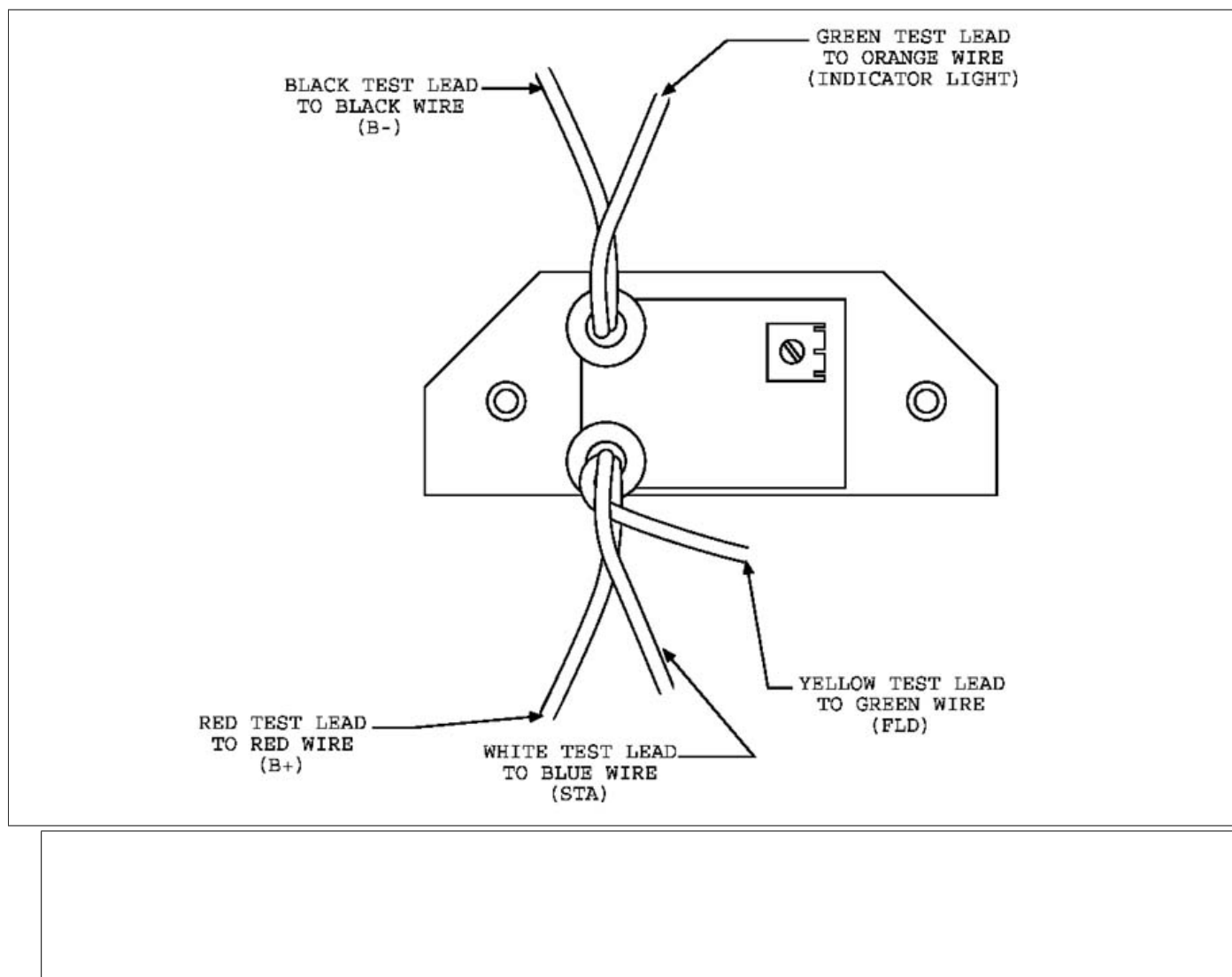
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
N9014	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from blue wire of the regulator. Field lamp should turn off and the meter will indicate low voltage and indicator light will turn on.





# TRANSPO TESTER INSTRUCTIONS

for NIEHOFF type regulators

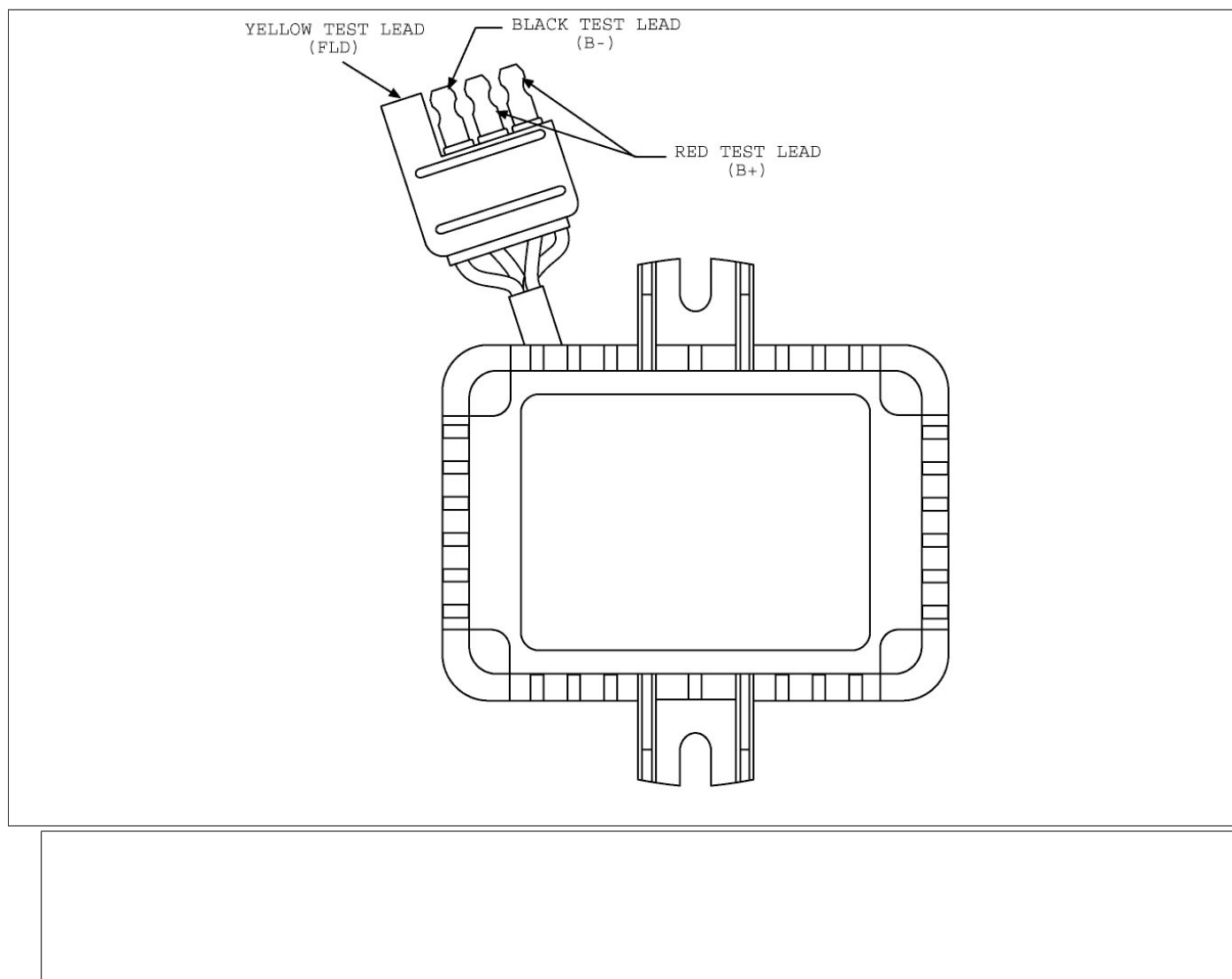
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
NA2-111	A	24	28.0				
NA2-110	A	12	14.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from the terminal marked "IGNITION". Field lamp should turn off and the meter will indicate approximately 12V. For NA2-111. For NA2-110.

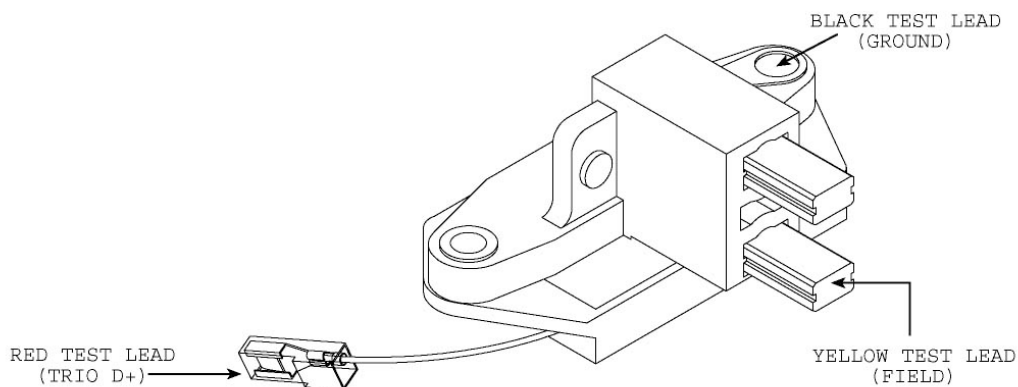


## TRANSPO TESTER INSTRUCTIONS

for MAGNETON-PAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
MP293	A	14	28.4				
MP291	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

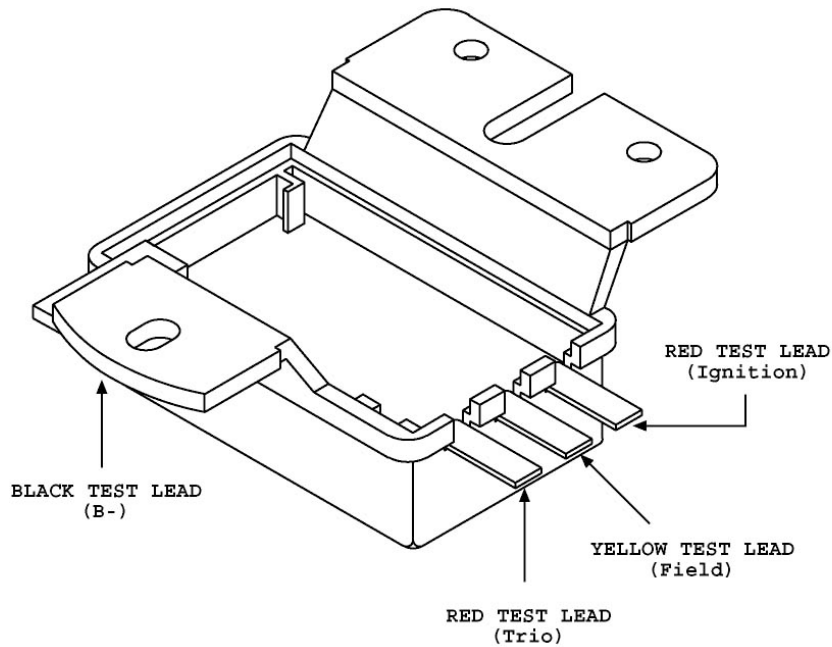


# TRANSPO TESTER INSTRUCTIONS

for MAGNETON-PAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
MP417	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

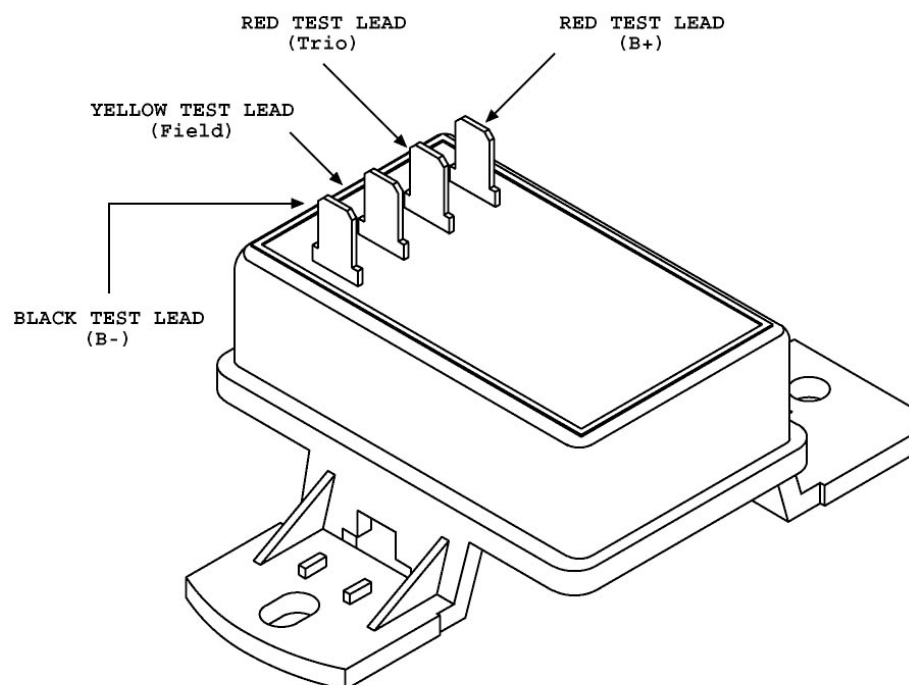


# TRANSPO TESTER INSTRUCTIONS

for MAGNETON-PAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
MP419	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



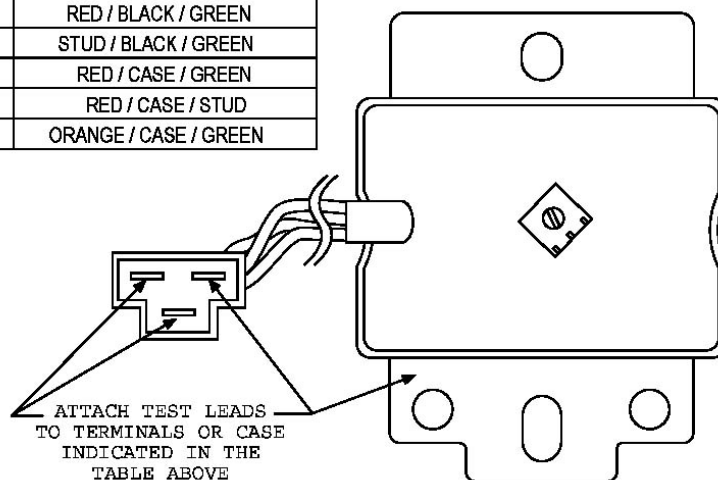
# TRANSPO TESTER INSTRUCTIONS

for PRESTOLITE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
P8-328	B	12	14.2	P8-407	B	12	15.0
P8-328A	B	12	14.2	P8-407A	B	12	15.0
P8-379	B	12	15.0	P8-406	B	12	15.0
P8-379A	B	12	15.0	P8-406A	B	12	15.0

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

Part #	VSH #	Tester Conn. POS / NEG / FLD
P8-328/A	6201A	RED / CASE / GREEN
P8-379/A	6201AB	BROWN / BLACK / GREEN
P8-407/A	6201ACY	ORANGE / BLACK / GREEN
P8-406/A	6201ADY	BROWN / BLACK / GREEN
P8-403/A	6201AE	RED / CASE / STUD
P8-404/A	6201AFY	PURPLE / BLACK / YELLOW
P8-410/A	6201AGY	PURPL E / BLACK / YELLOW
P8-343/A	6201D	RED / CASE / GREEN
P8-354/A	6201G	RED / BLACK / GREEN
P8-355/A	6201H	ORANGE / BLACK / GREEN
P8-357/A	6201K	RED / BLACK / GREEN
P8-352/A	6201N	STUD / BLACK / GREEN
P8-368/A	6201W	RED / CASE / GREEN
P8-405/A	6201JY	RED / CASE / STUD
P8-393/A	6401	ORANGE / CASE / GREEN



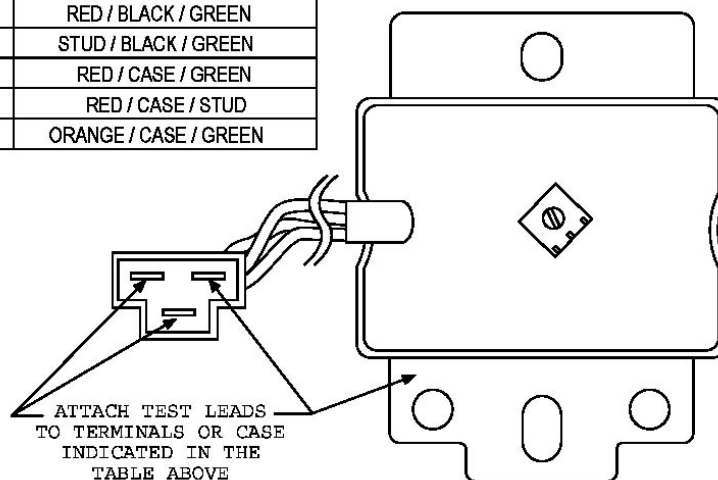
# TRANSPO TESTER INSTRUCTIONS

for PRESTOLITE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
P8-403	B	12	14.2	P8-410	B	12	14.2
P8-403A	B	12	14.2	P8-410A	B	12	14.2
P8-404	B	12	14.2	P8-343	B	12	15.0
P8-404A	B	12	14.2	P8-343A	B	12	15.0

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

Part #	VSH #	Tester Conn. POS / NEG / FLD
P8-328/A	6201A	RED / CASE / GREEN
P8-379/A	6201AB	BROWN / BLACK / GREEN
P8-407/A	6201ACY	ORANGE / BLACK / GREEN
P8-406/A	6201ADY	BROWN / BLACK / GREEN
P8-403/A	6201AE	RED / CASE / STUD
P8-404/A	6201AFY	PURPLE / BLACK / YELLOW
P8-410/A	6201AGY	PURPL E / BLACK / YELLOW
P8-343/A	6201D	RED / CASE / GREEN
P8-354/A	6201G	RED / BLACK / GREEN
P8-355/A	6201H	ORANGE / BLACK / GREEN
P8-357/A	6201K	RED / BLACK / GREEN
P8-352/A	6201N	STUD / BLACK / GREEN
P8-368/A	6201W	RED / CASE / GREEN
P8-405/A	6201JY	RED / CASE / STUD
P8-393/A	6401	ORANGE / CASE / GREEN



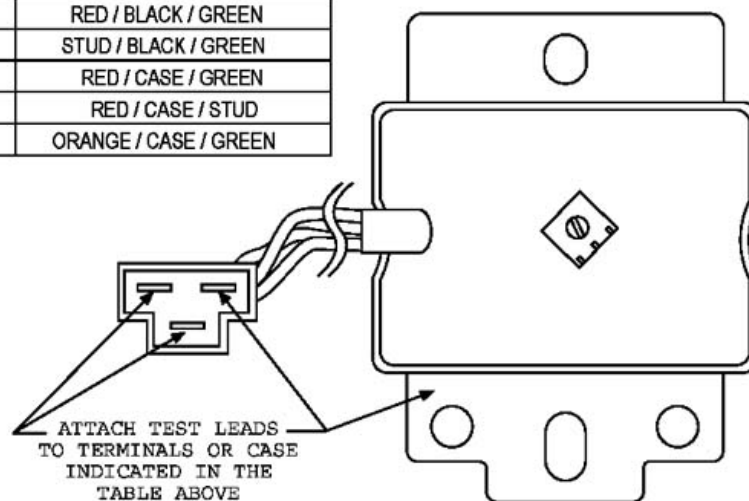
# TRANSPO TESTER INSTRUCTIONS

for PRESTOLITE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
P8-354	B	12	14.2	P8-357	B	12	14.2
P8-354A	B	12	14.2	P8-357A	B	12	14.2
P8-355	B	12	14.2	P8-352	B	12	14.2
P8-355A	B	12	14.2	P8-352A	B	12	14.2

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

Part #	VSH #	Tester Conn. POS / NEG / FLD
P8-328/A	6201A	RED / CASE / GREEN
P8-379/A	6201AB	BROWN / BLACK / GREEN
P8-407/A	6201ACY	ORANGE / BLACK / GREEN
P8-406/A	6201ADY	BROWN / BLACK / GREEN
P8-403/A	6201AE	RED / CASE / STUD
P8-404/A	6201AFY	PURPLE / BLACK / YELLOW
P8-410/A	6201AGY	PURPL E / BLACK / YELLOW
P8-343/A	6201D	RED / CASE / GREEN
P8-354/A	6201G	RED / BLACK / GREEN
P8-355/A	6201H	ORANGE / BLACK / GREEN
P8-357/A	6201K	RED / BLACK / GREEN
P8-352/A	6201N	STUD / BLACK / GREEN
P8-368/A	6201W	RED / CASE / GREEN
P8-405/A	6201JY	RED / CASE / STUD
P8-393/A	6401	ORANGE / CASE / GREEN



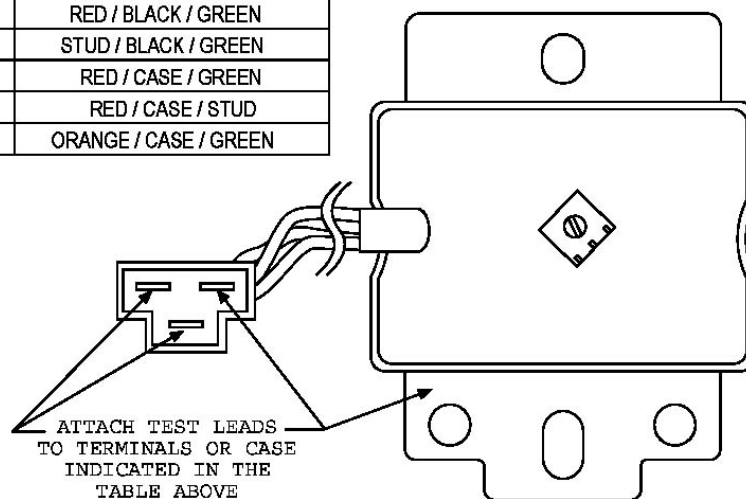
# TRANSPO TESTER INSTRUCTIONS

for PRESTOLITE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
P8-368	B	12	15.0	P8-393	B	24	27.5
P8-368A	B	12	15.0	P8-393A	B	24	27.5
P8-405	B	12	14.2				
P8-405A	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

Part #	VSH #	Tester Conn. POS / NEG / FLD
P8-328/A	6201A	RED / CASE / GREEN
P8-379/A	6201AB	BROWN / BLACK / GREEN
P8-407/A	6201ACY	ORANGE / BLACK / GREEN
P8-406/A	6201ADY	BROWN / BLACK / GREEN
P8-403/A	6201AE	RED / CASE / STUD
P8-404/A	6201AFY	PURPLE / BLACK / YELLOW
P8-410/A	6201AGY	PURPL E / BLACK / YELLOW
P8-343/A	6201D	RED / CASE / GREEN
P8-354/A	6201G	RED / BLACK / GREEN
P8-355/A	6201H	ORANGE / BLACK / GREEN
P8-357/A	6201K	RED / BLACK / GREEN
P8-352/A	6201N	STUD / BLACK / GREEN
P8-368/A	6201W	RED / CASE / GREEN
P8-405/A	6201JY	RED / CASE / STUD
P8-393/A	6401	ORANGE / CASE / GREEN



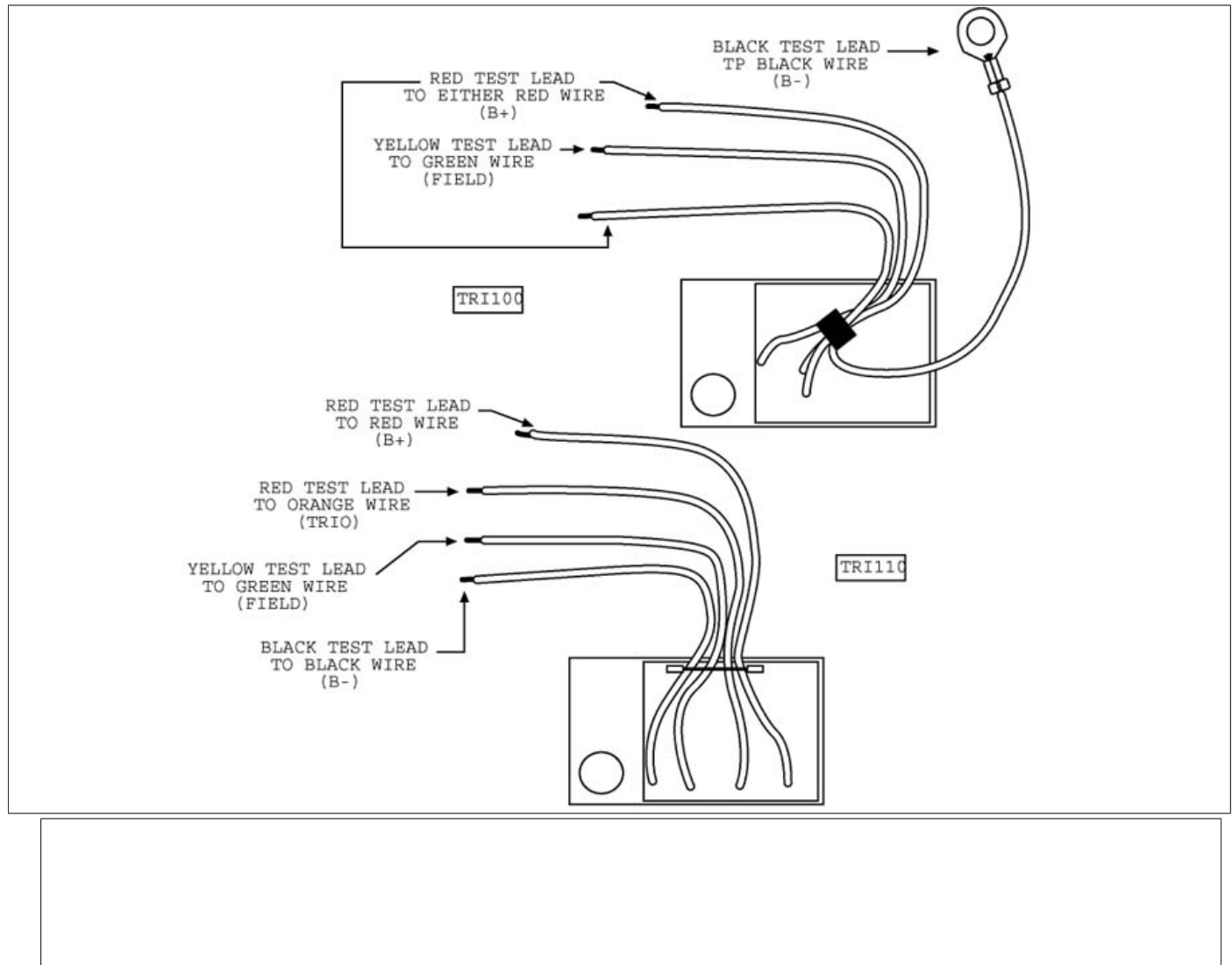


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI100	A	12	14.6				
TRI110	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

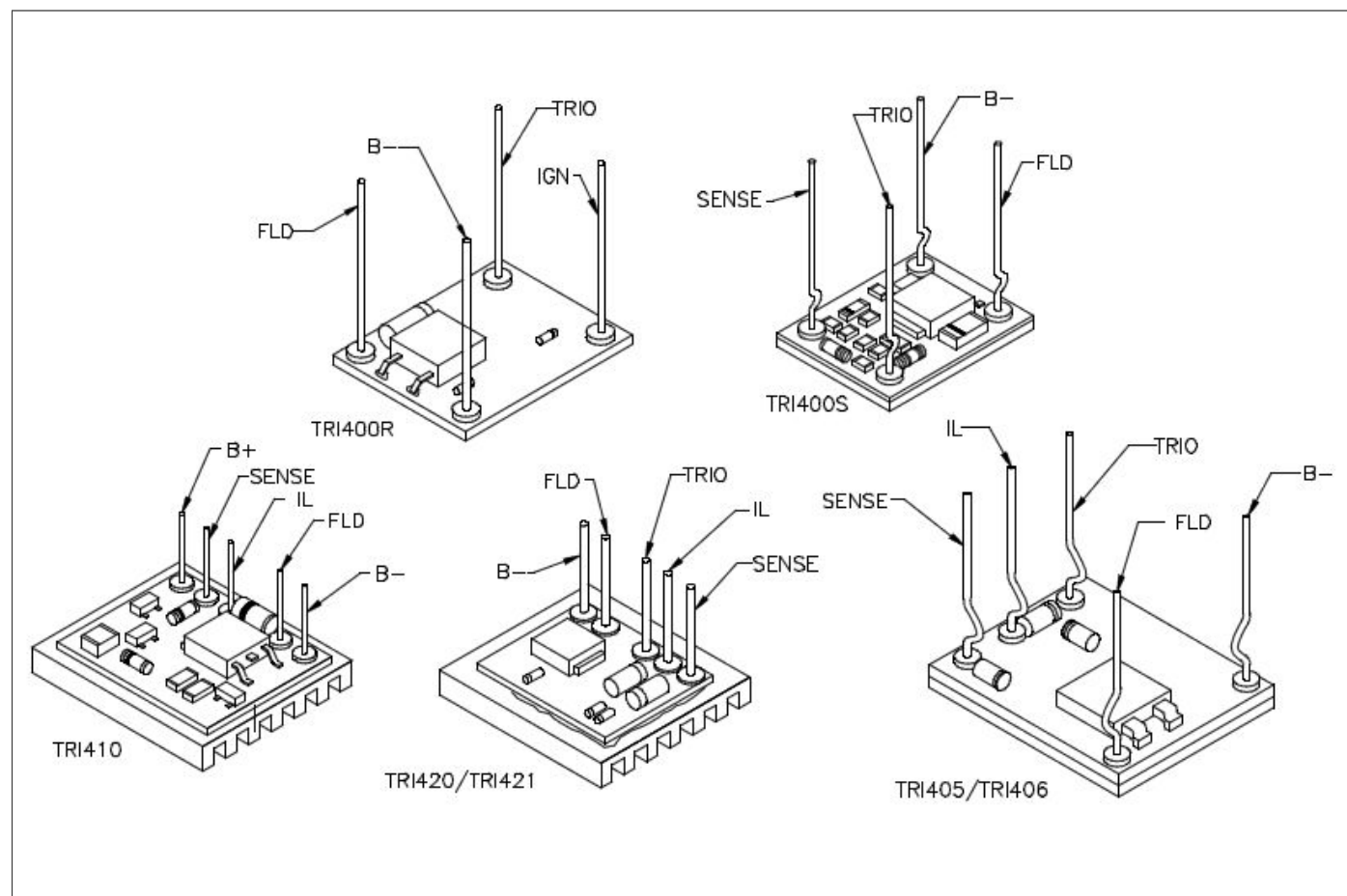
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI400R	A	12	14.5	TRI410	A	12	14.6
TRI400S	A	12	14.5	TRI420	A	12	14.6
TRI405	A	12	14.4	TRI421	A	12	14.6
TRI406	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

TESTER CONNECTION CHART    B ... RED TEST RED (B+)    S ... RED TEST LEAD (SENSE)  
 R ... RED TEST LEAD (IG)    T ... RES TEST LEAD (TRIO)    F ... YELLOW TEST LEAD (FLD)  
 L ... RED TEST LEAD (INDICATOR LIGHT)    E ... BLACK TEST LEAD (GROUND)



NOTE: Regulators shown with circuit up (Epoxy side)

NOTE: After repair circuit installation, refer to complete regulator assembly procedure.

**REFER TO PRODUCT GROUP TRI-04, PAGE 376-A, FOR REGULATOR'S DIAGRAM**

# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

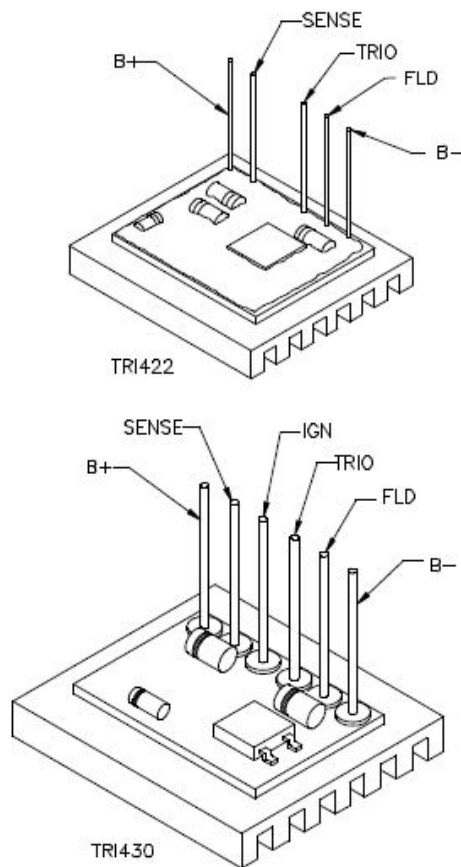
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI422	A	12	14.6				
TRI430	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

TESTER CONNECTION CHART    B ... RED TEST RED (B+)    S ... RED TEST LEAD (SENSE)  
 R ... RED TEST LEAD (IG)    T ... RED TEST LEAD (TRIO)    F ... YELLOW TEST LEAD (FLD)  
 L ... RED TEST LEAD (INDICATOR LIGHT)    E ... BLACK TEST LEAD (GROUND)



NOTE: Regulators shown with circuit up (Epoxy side)

NOTE: After repair circuit installation, refer to complete regulator assembly procedure.

**REFER TO PRODUCT GROUP TRI-04, PAGE 376-A, FOR REGULATOR'S DIAGRAM**

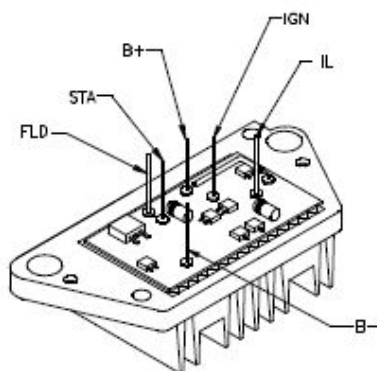
# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

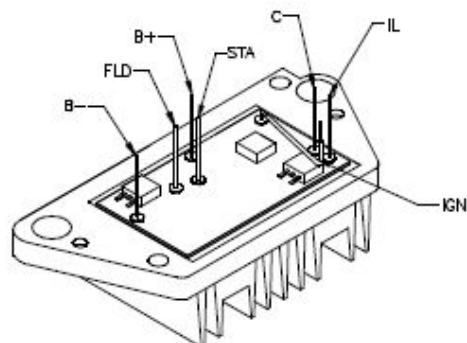
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI219	A	12	14.5	TRI224	A	12	14.5
TRI220	A	12	14.5	TRI225	A	12	14.5
TRI221	A	12	14.5	TRI226	A	12	14.5
TRI222	A	12	14.5	TRI227	A	12	14.5

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

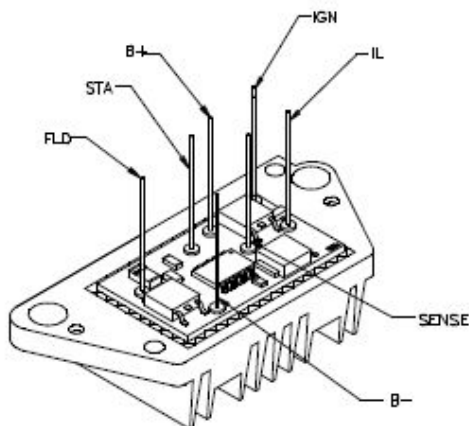
**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.



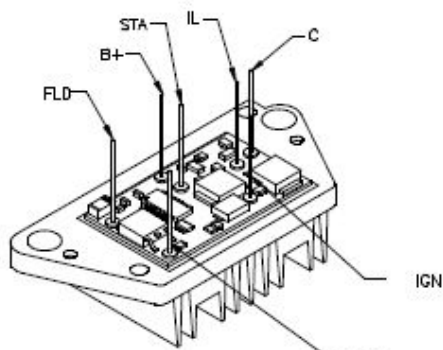
TRI219/221/225/227



TRI222



TRI220/226



TRI224

NOTE: Regulators shown with circuit up (Epoxy side)

NOTE: After repair circuit installation, refer to complete regulator assembly procedure.

**REFER TO PRODUCT GROUP TRI-07, PAGE 378-A, FOR REGULATOR'S DIAGRAM**

# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

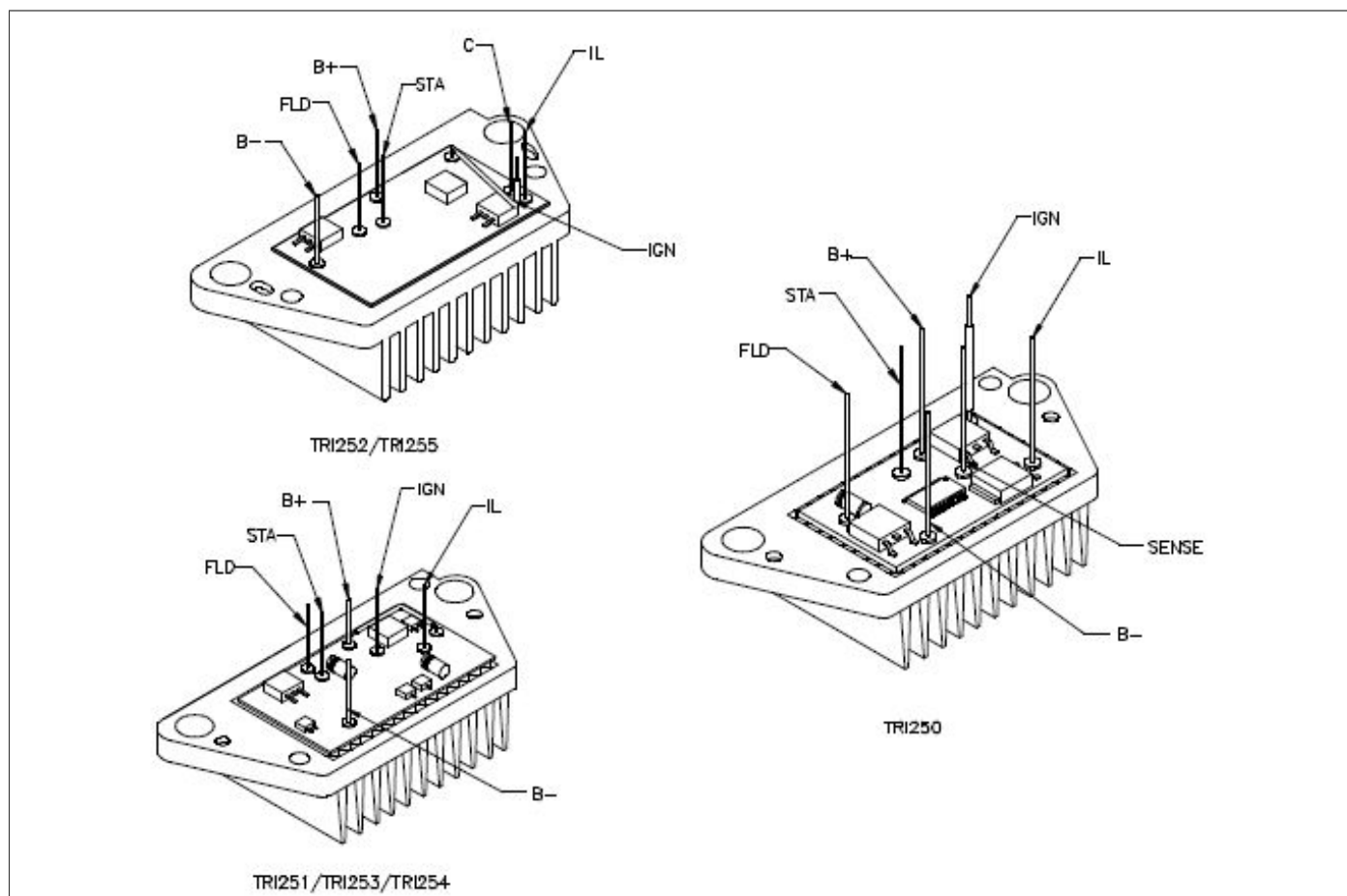
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI250	A	12	14.5	TRI254	A	12	14.5
TRI251	A	12	14.5	TRI255	A	12	14.5
TRI252	A	12	14.5				
TRI253	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.



NOTE: Regulators shown with circuit up (Epoxy side)

NOTE: After repair circuit installation, refer to complete regulator assembly procedure.

**REFER TO PRODUCT GROUP TRI-07, PAGE 378-A, FOR REGULATOR'S DIAGRAM**

# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

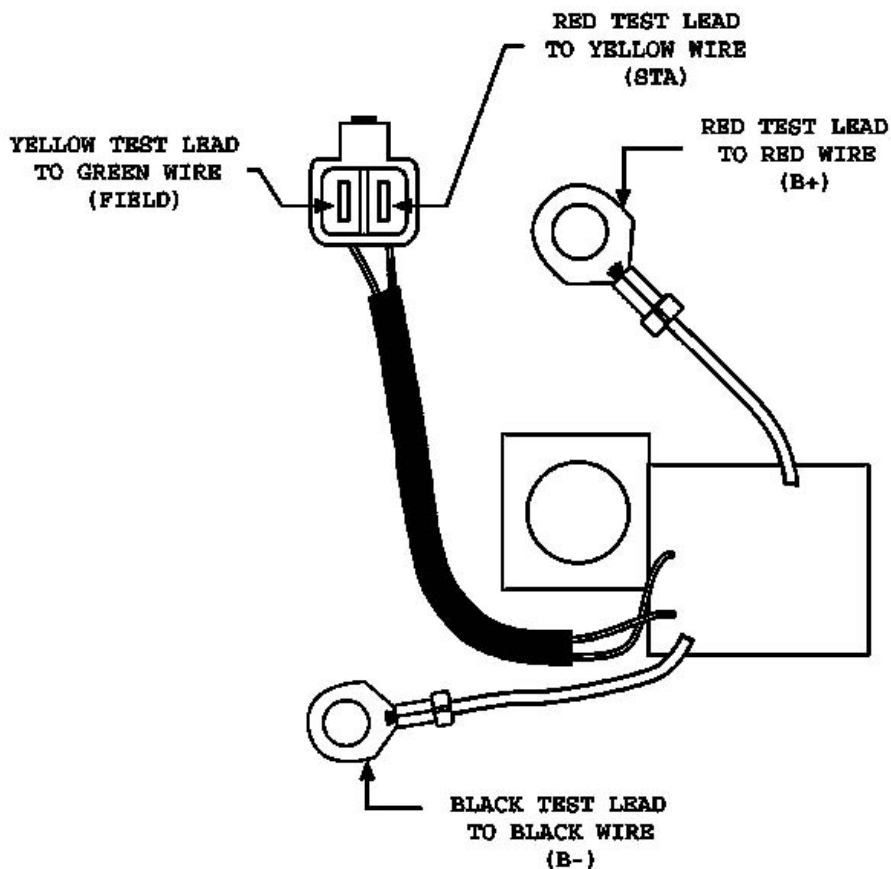
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI10DN	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from regulator's connection marked "STA". Field lamp should turn off and the meter will indicate 12V.



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI268	A	12	14.5				
TRI270	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

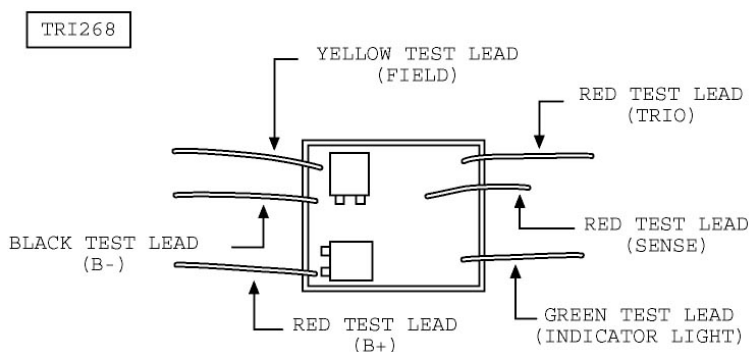
### 3. Amendments or Additional Tests:

TESTER CONNECTION CHART NOTE: This instruction does not apply to TRI270

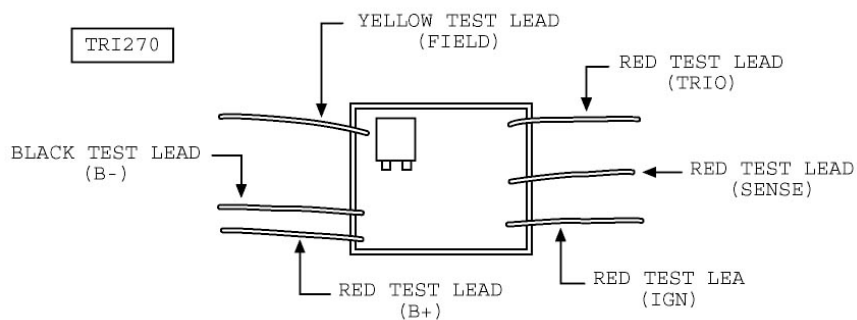
B ... RED TEST RED (B+) I ... GREEN TEST LEAD (I.L.) T ... RED TEST LEAD (TRIO)

E ... BLACK TEST LEAD (B-) F ... YELLOW TEST LEAD (FLD) A ... RED TEST LEAD (SENSE)

Remove the red test lead from the wire marked "sense". The field light will still blink, the meter will indicate from 15v to 16v and the indicator lamp will remain on.



*\* Note: Instruction #3 Does not apply to TRI270*



NOTE: Instruction #3 Does not apply to TRI270

# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI247	A	12	14.5				

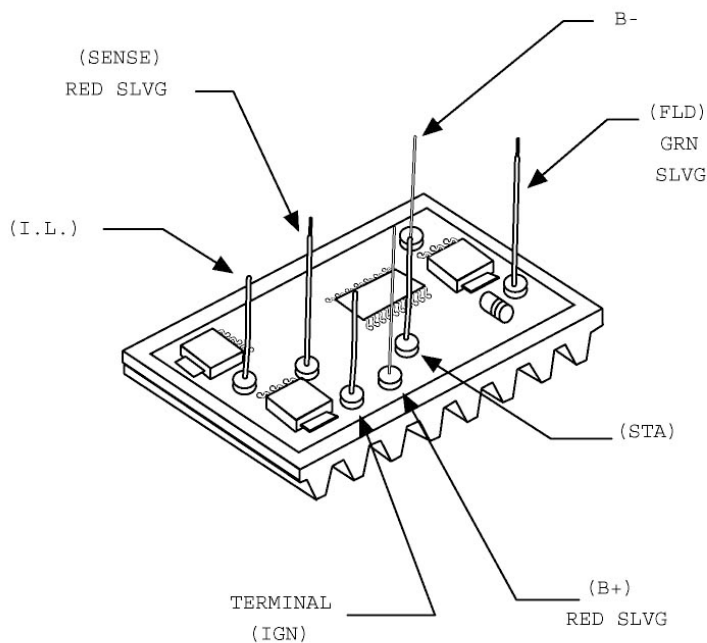
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from wire marked "STA". Indicator light should turn on, field lamp will remain on and the meter will indicate 12V. Remove red test lead from wire marked "IG". Field lamp should turn off.

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



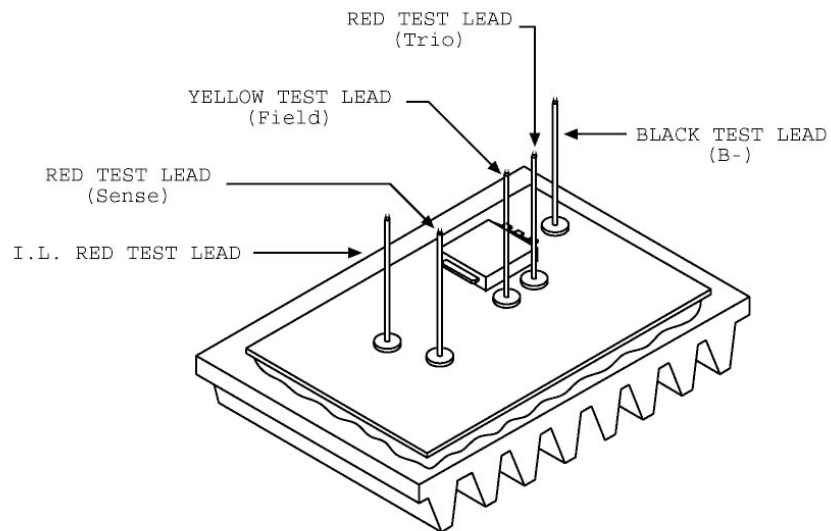


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI248	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

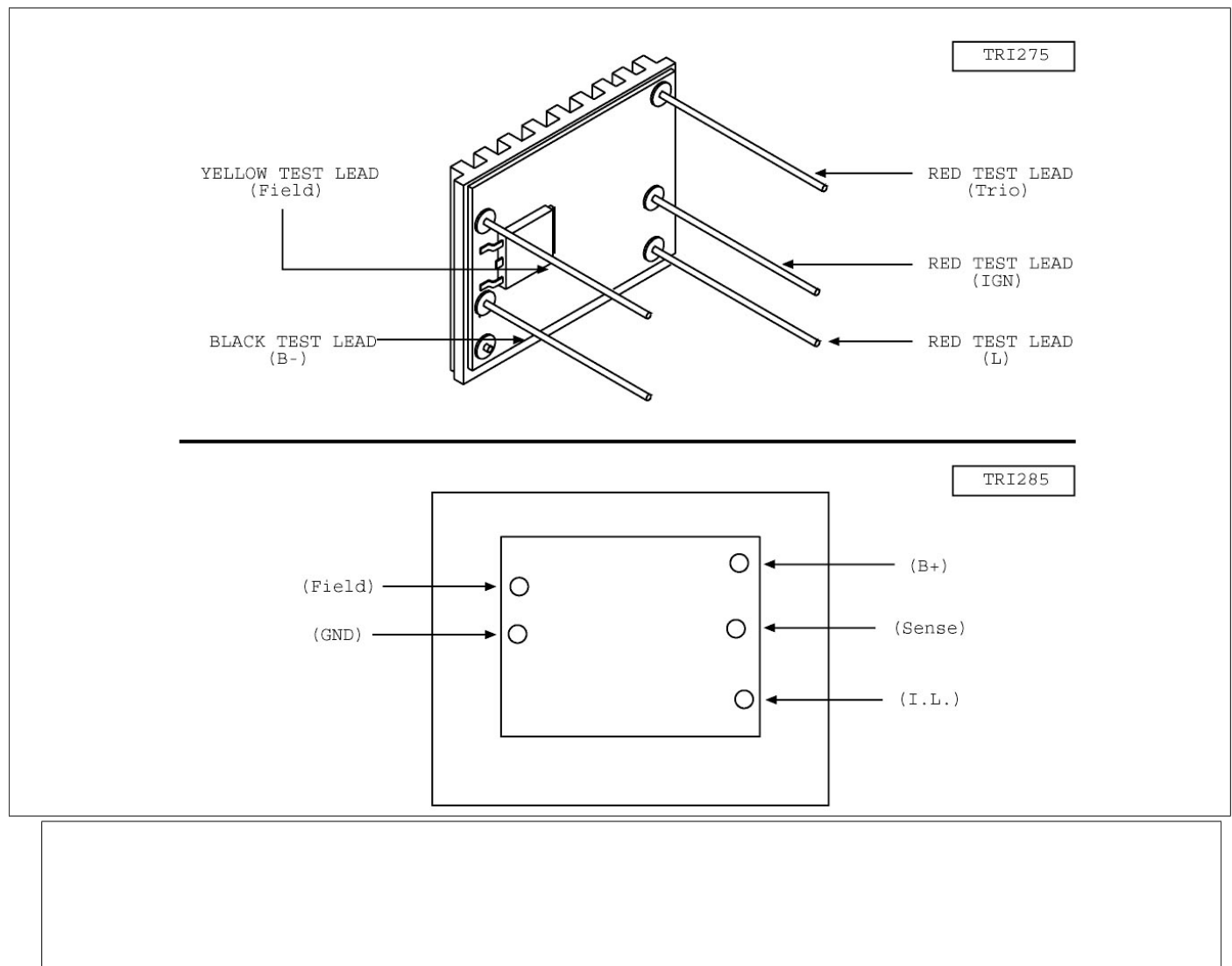


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI275	A	12	14.5				
TRI285	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

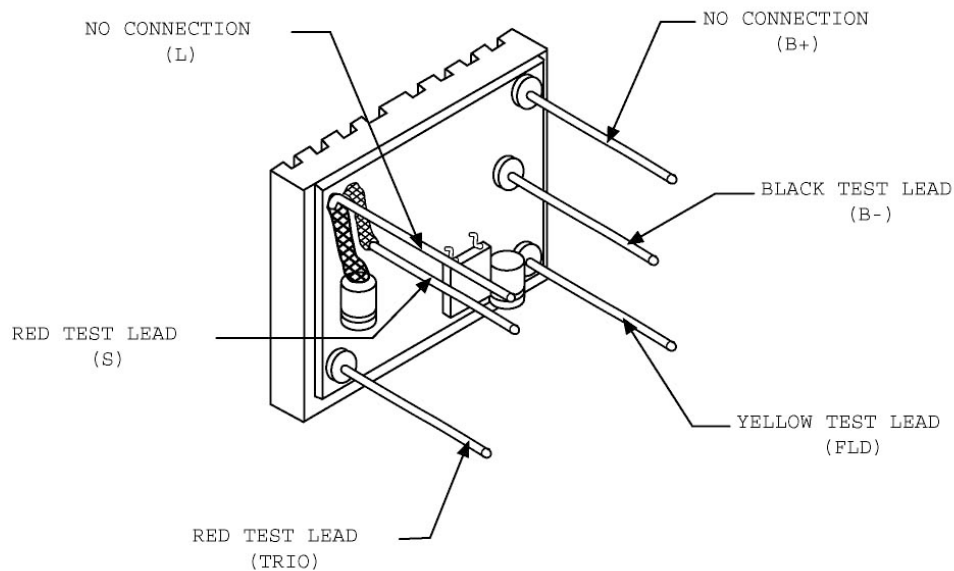
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI278	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from the wire marked as "S". Field lamp should still blink and the meter will indicate approximately 15.5V.

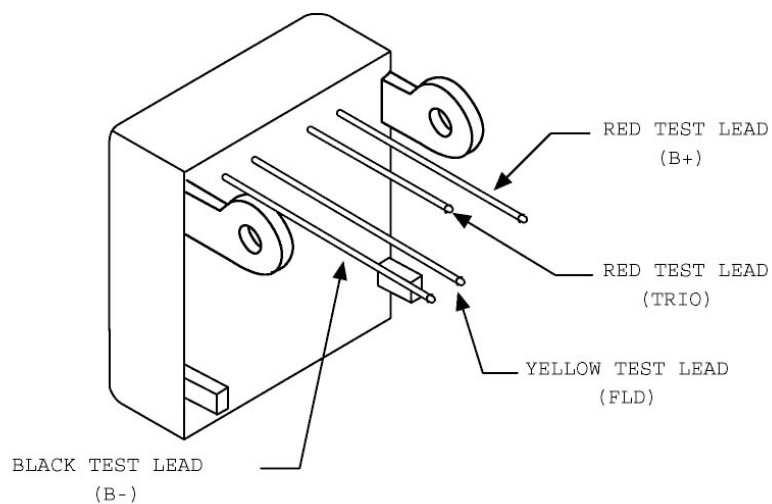


## TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI233	A	24	27.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

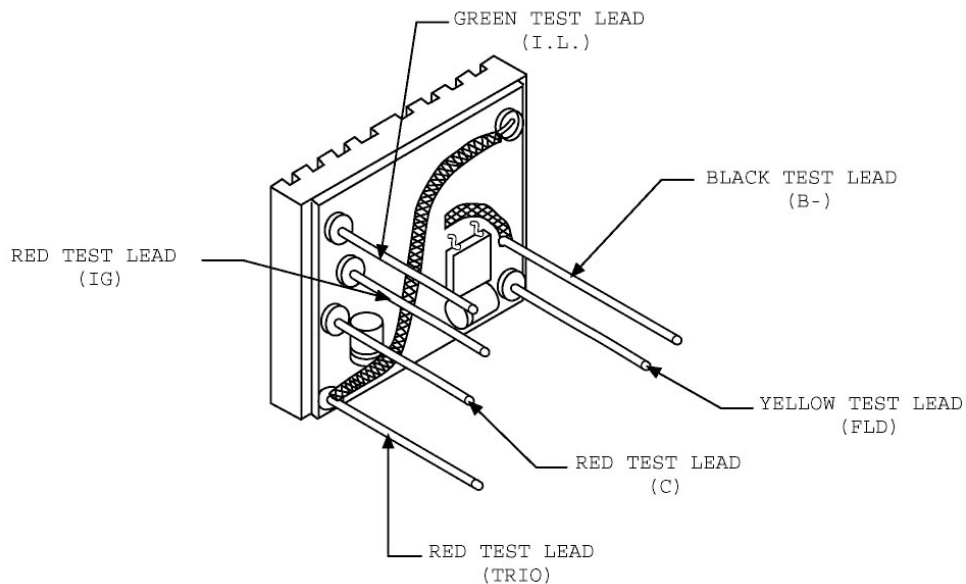
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI267	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from the wire marked as "C" and connect a black test lead to the "C" terminal. Field lamp should still blink and the meter will indicate approximately 12.5v.



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

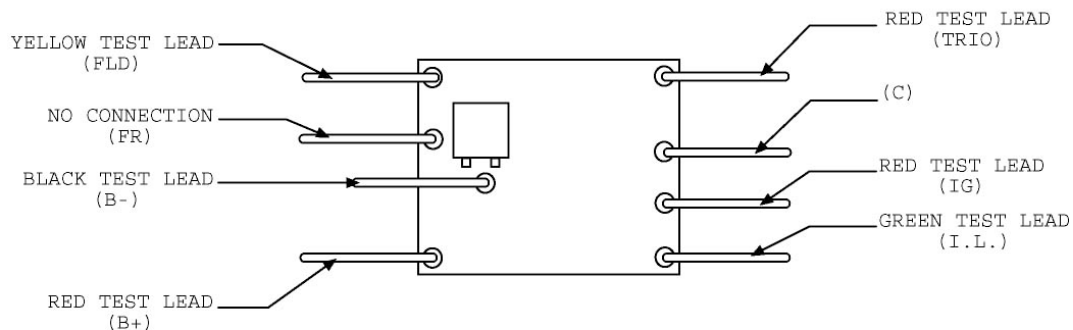
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI839	A	12	14.4				
TRI273	A	12	14.4				
TRI835	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Remove red test lead from terminal marked "TRIO". Field lamp should still blink, the meter will indicate the set point voltage and the indicator light will turn on.
2. Reconnect red test to "TRIO". Connector a black test lead to terminal marked "C". Field lamp should still blink and the meter will indicate approximately 12.5v.



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

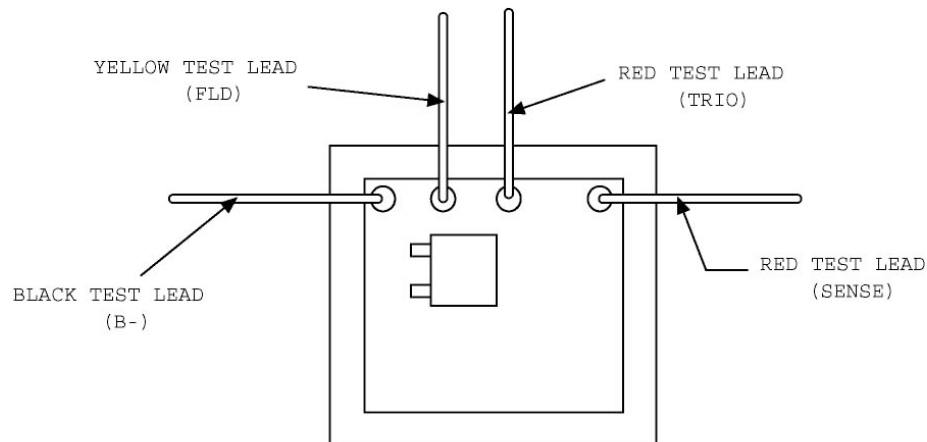
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI423	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "TRIO". Field lamp should still blink and the meter will indicate approximately 15.5v.



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI271	A	12	14.5				
TRI276	A	12	14.4				
TRI836	A	12	14.4				
TRI837	A	12	14.4				

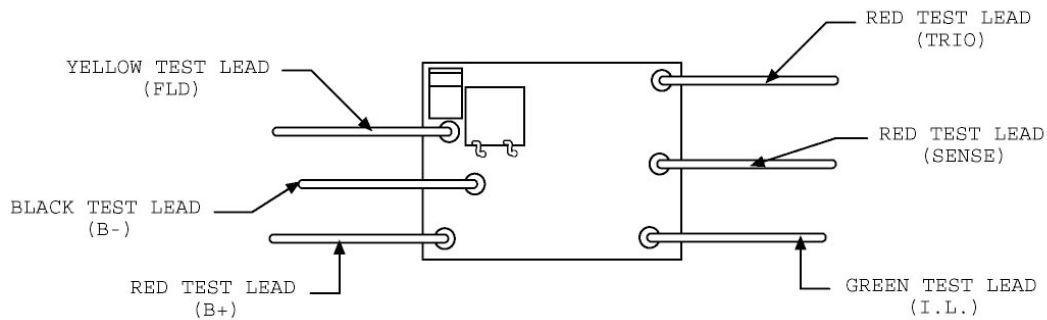
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove the red test lead from the wire marked as "SENSE". The field light will still blink the meter will indicate from 15V. to 16V, and the indicator lamp will remain on.

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.





# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI257	A	12	14.5				

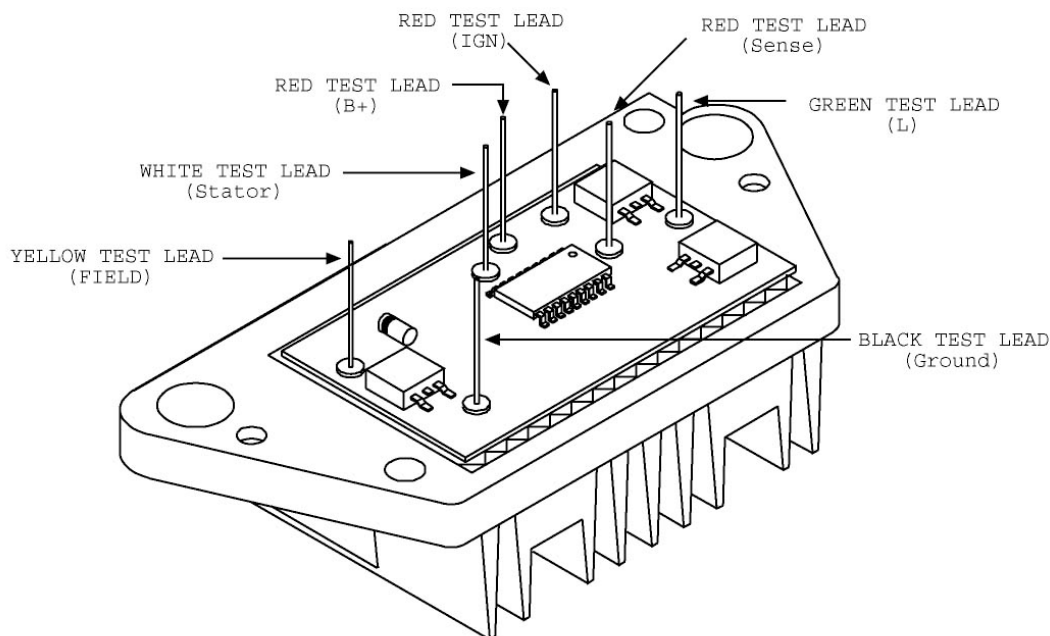
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white lead from terminal marked "stator". The indicator light will turn on and the meter will indicate approximately 12 volts and the field lamp will remain fully on.

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.

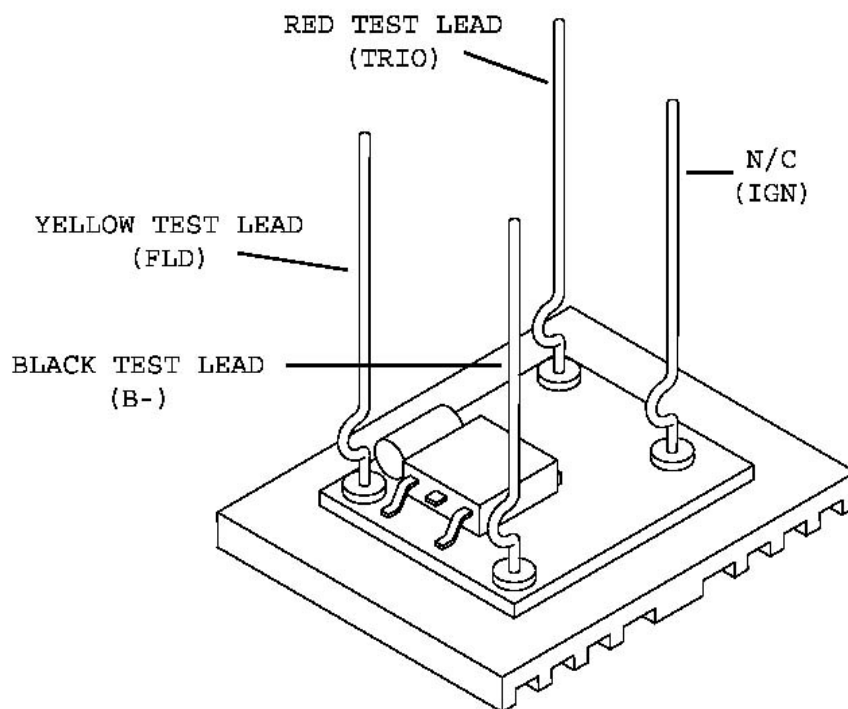


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI232	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

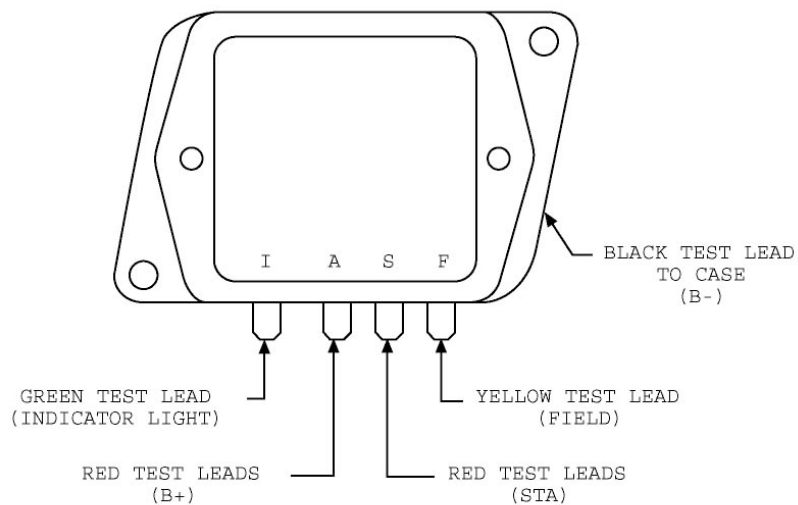
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F8512	B	12	14.2				
F8512M	B	12	14.3				
F8512S	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Indicator light should turn on meter will still indicate set point voltage. Removal of test lead from "S" and "I" terminal will result in the field lamp turning off and the meter reading 12v. On mechanical type on due to the regulator's internal circuitry. Limit this test to a short time.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

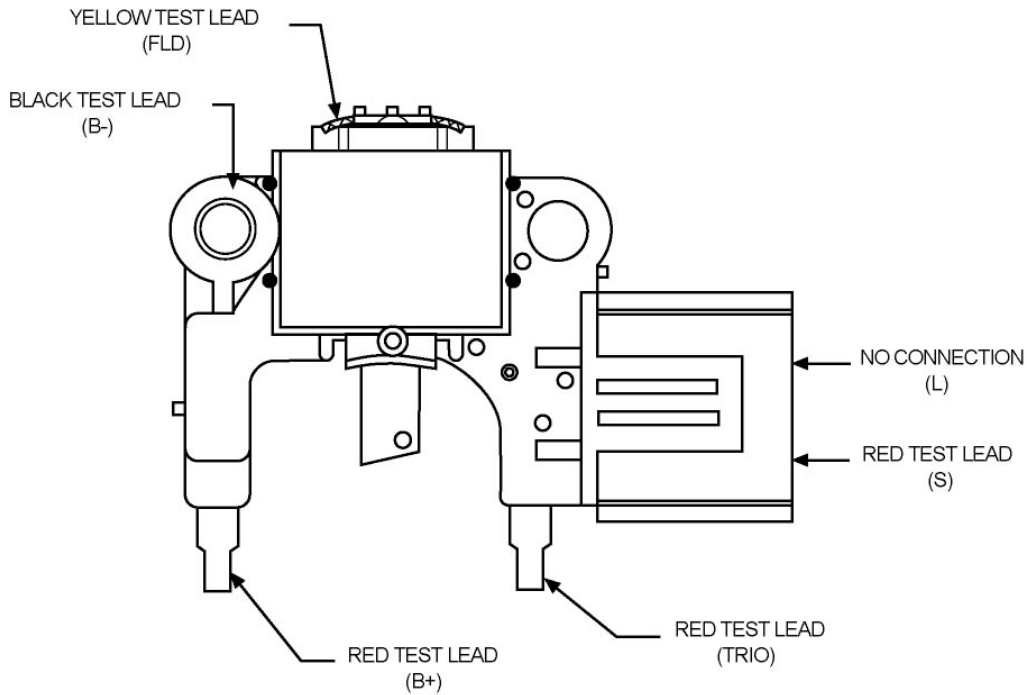
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM284	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Field lamp will still blink, and the meter will indicate approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

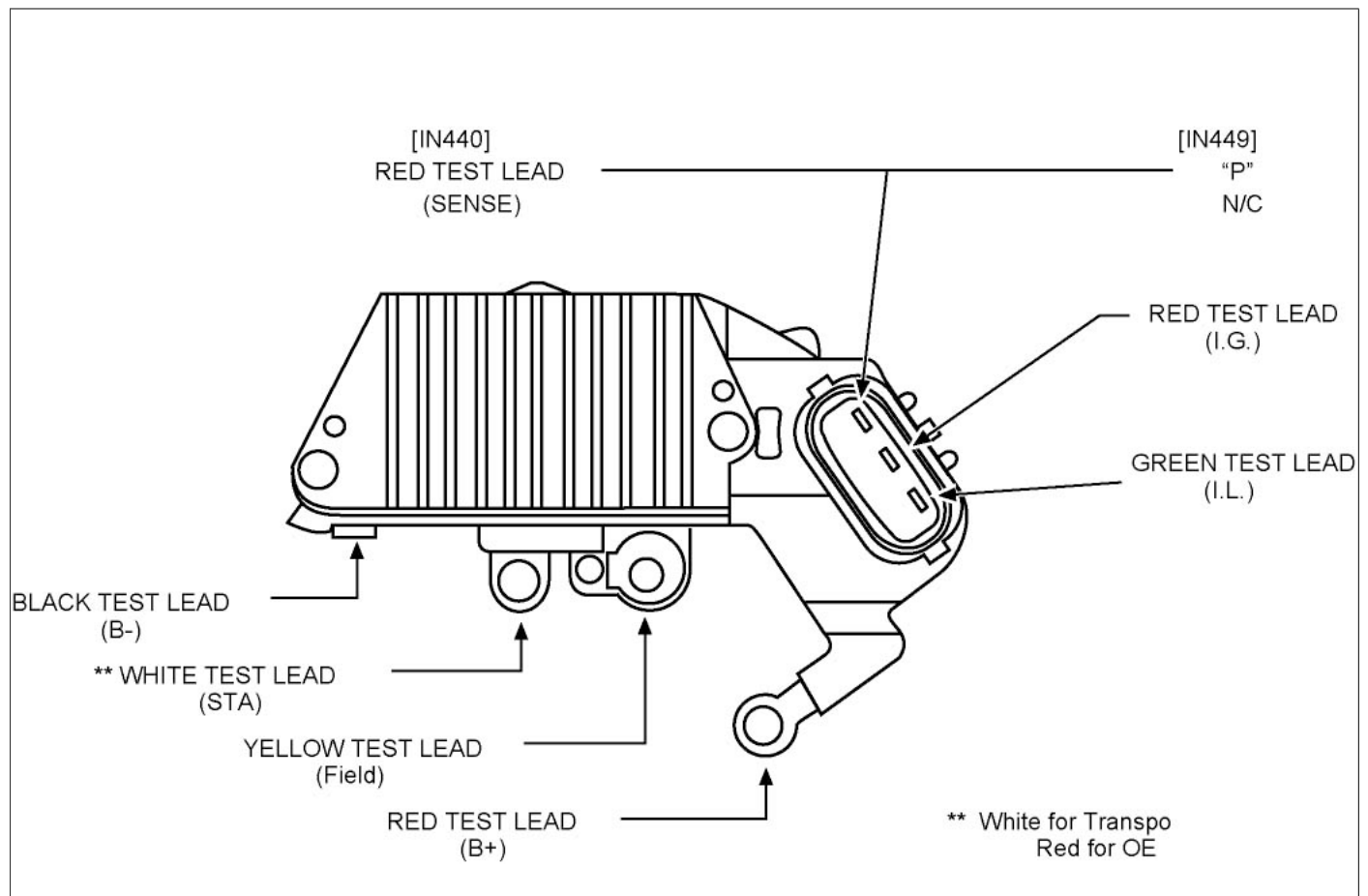
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN449	A	12	14.5				
IN440	A	12	14.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

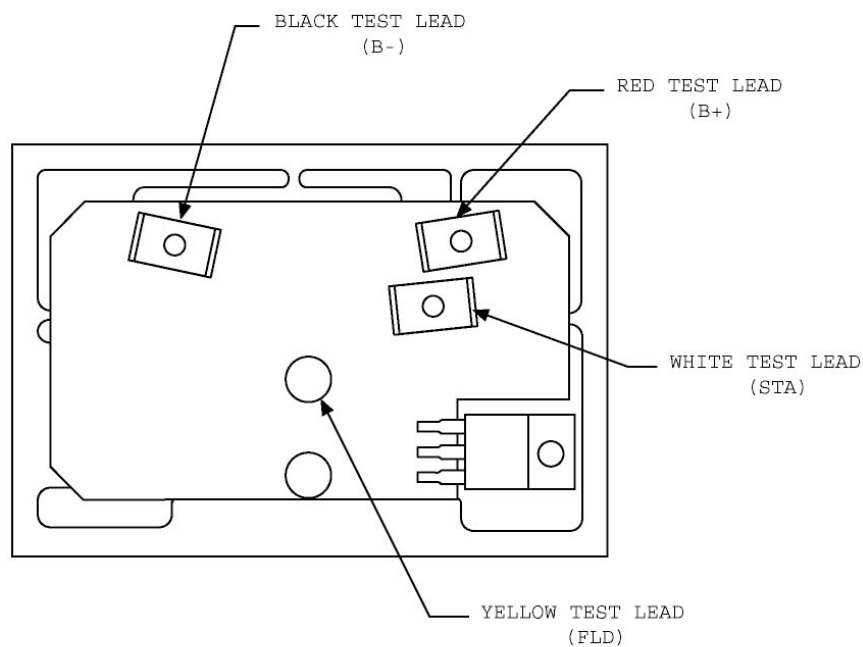


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L1666280	A	12	13.8				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM345	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

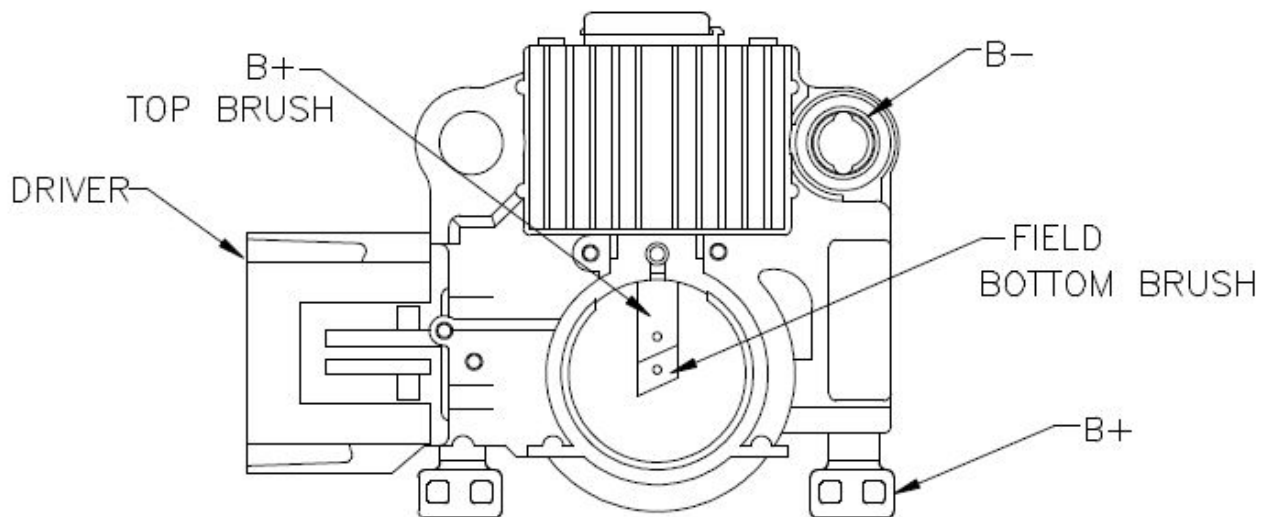
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

**Caution - Note:** • Connect DRIVER to tester "PD"

• IM345 has D-P terminal functions: D=Drive, P=Phase.

• D-P Type Regulators are immediately damaged if tested using procedure typical to common S-L type regulators, where B+ Voltage would be applied to the D terminal position.



# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH758	A	12	14.4				

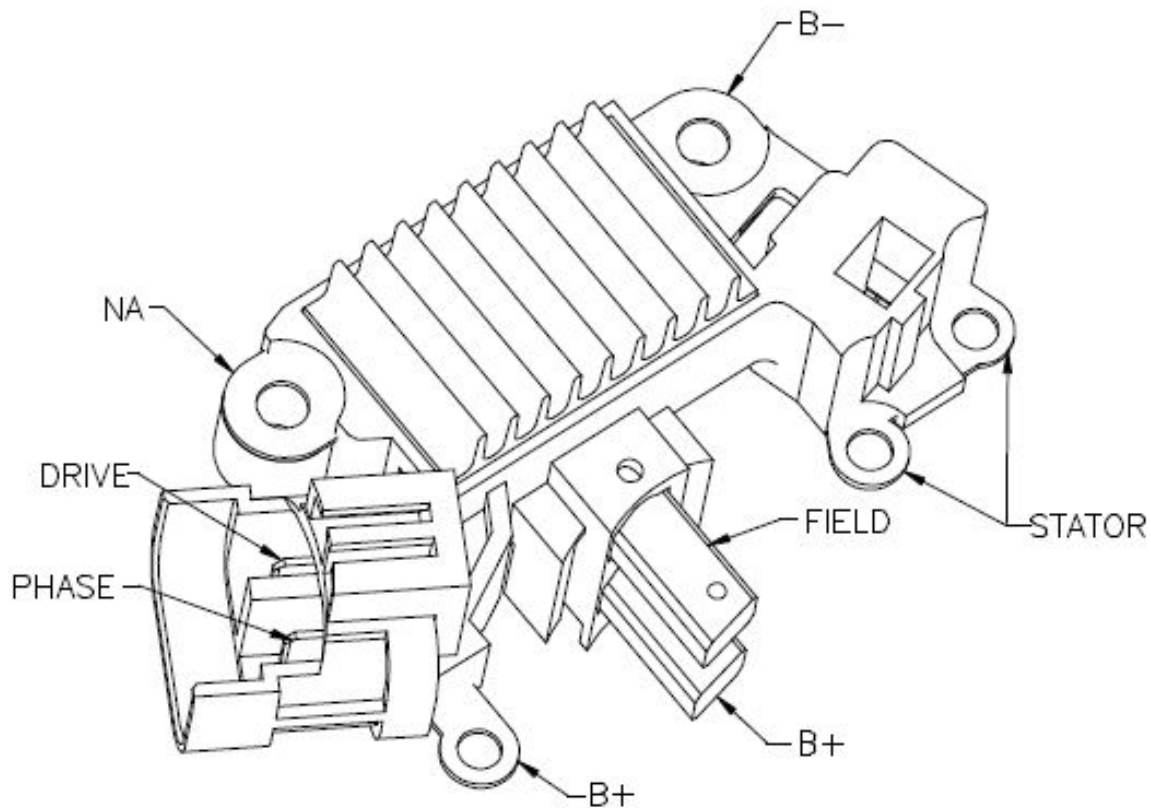
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

**Caution - Note:** • IH758 has D-P terminal functions: D=Drive, P=Phase.

• D-P Type Regulators are immediately damaged if tested using procedure typical to common S-L type regulators, where B+ Voltage would be applied to the D terminal position.





# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB392BG	A	12	14.4				

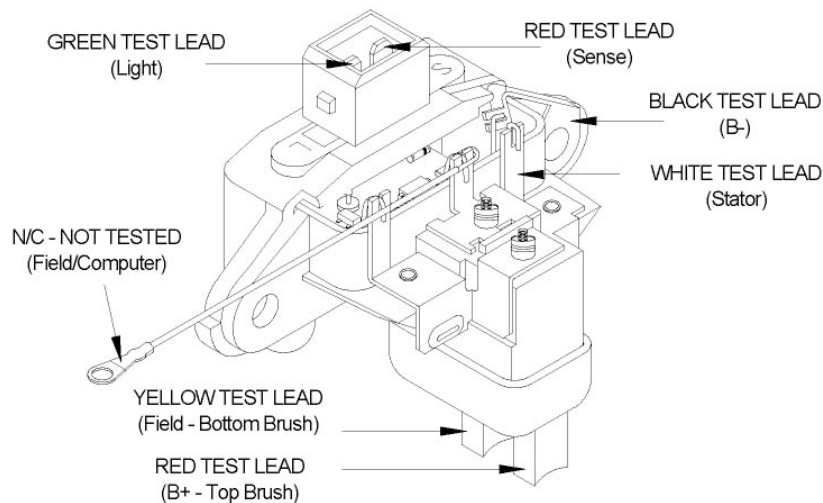
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "STA". Field lamp remain fully on and the meter will indicate approximately 12V. Reconnect the white test lead. Remove red test lead from the terminal marked "S", field lamp will turn off, the indicator light will turn on and the meter will indicate 12V.

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



**NOTE:** Connect B- (black) test lead last, already having turned on the tester "ON" switch.

- 20 ampere 60 volt field transistor voltage saturation test @ 5 amps 13.50 volts = 150 to 250 milli-volts
- Undervoltage Lamp Indication = 8.50 volts to 10.00 volts
- Overvoltage Lamp Indication = 16.00 volts to 17.10 volts
- Current Leakage = 2.0 milli-amps

# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

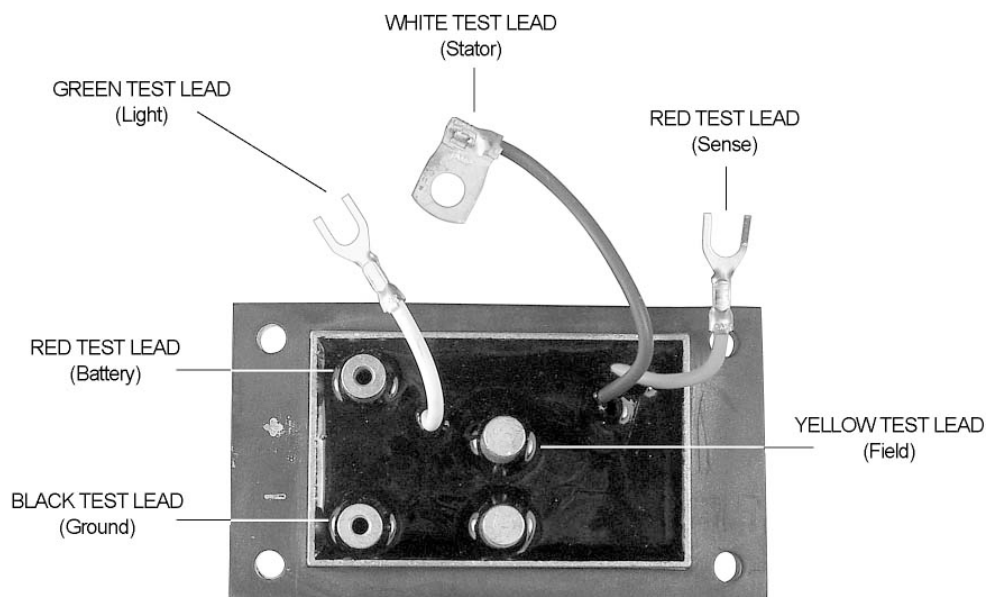
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D3101	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove WHITE TEST LEAD from terminal marked "STATOR", 12 volt Lamp will turn on and Field light will turn off.

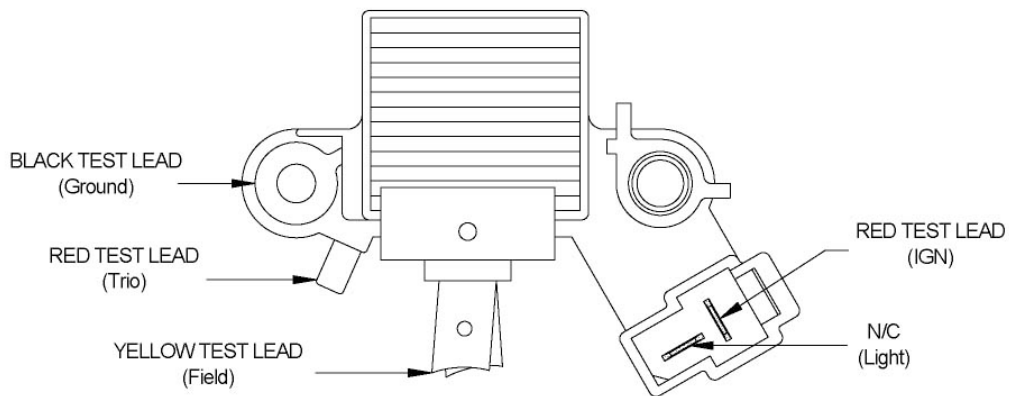


# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH258	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH769	A	12	14.4				

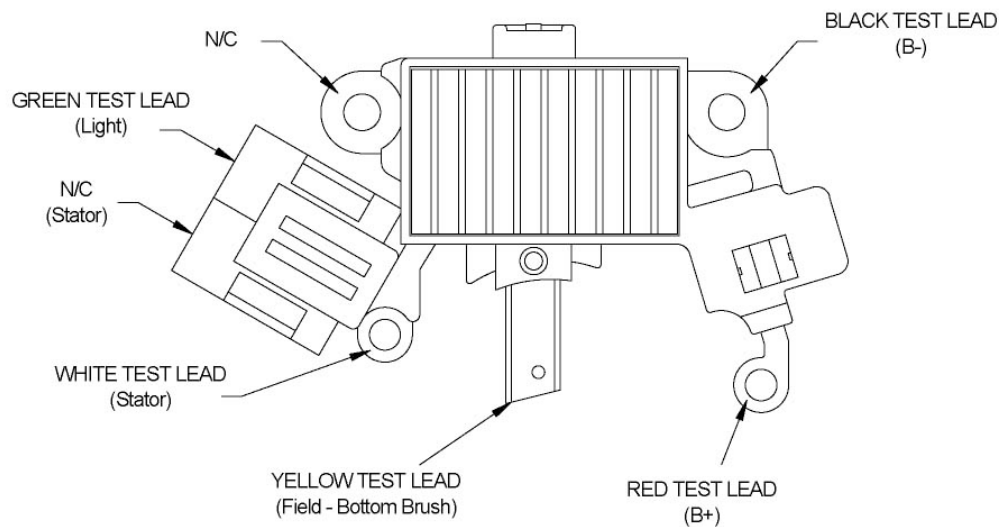
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white lead from stator; 12 volt lamp will come on and voltage will read 12.0 volts. Field lamp will be on.

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

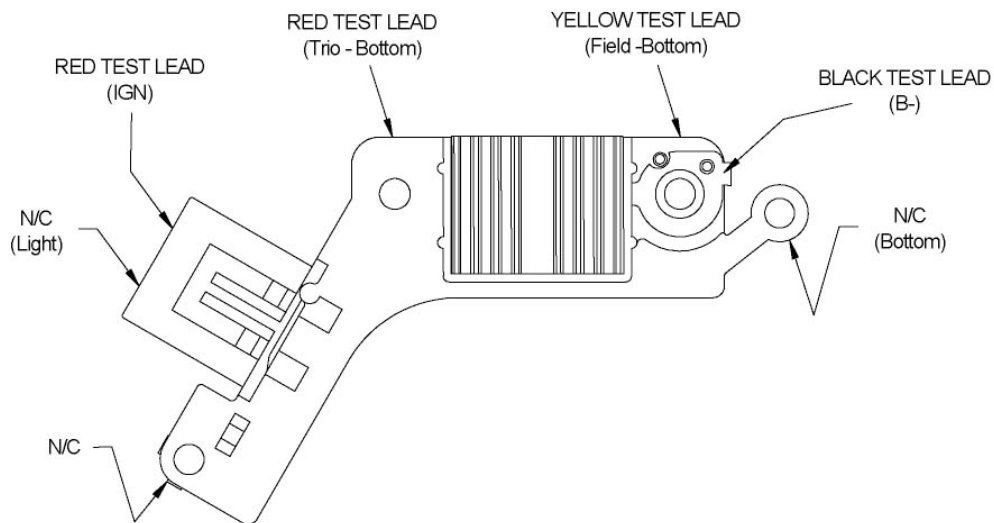


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM843	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM369	A	12	14.3				

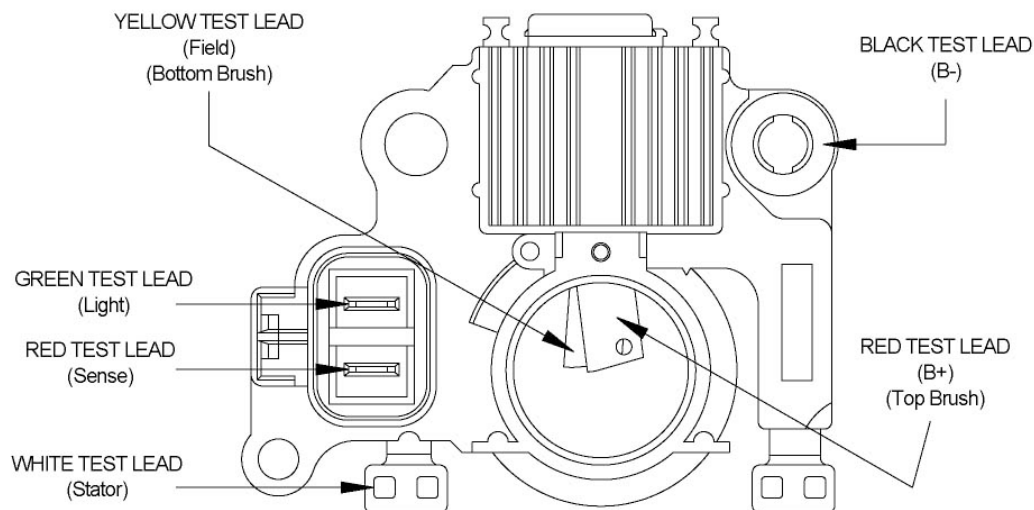
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "Stator" field and lamp light comes on. Remove green test lead from terminal marked "Light" field and lamp light goes off.

**Using VRC2010:** Connect external 3 Watt Lamp from Tester Battery Positive to the Voltage Regulator lamp connection. Do not use the VRC2010 Lamp connection.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM851	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

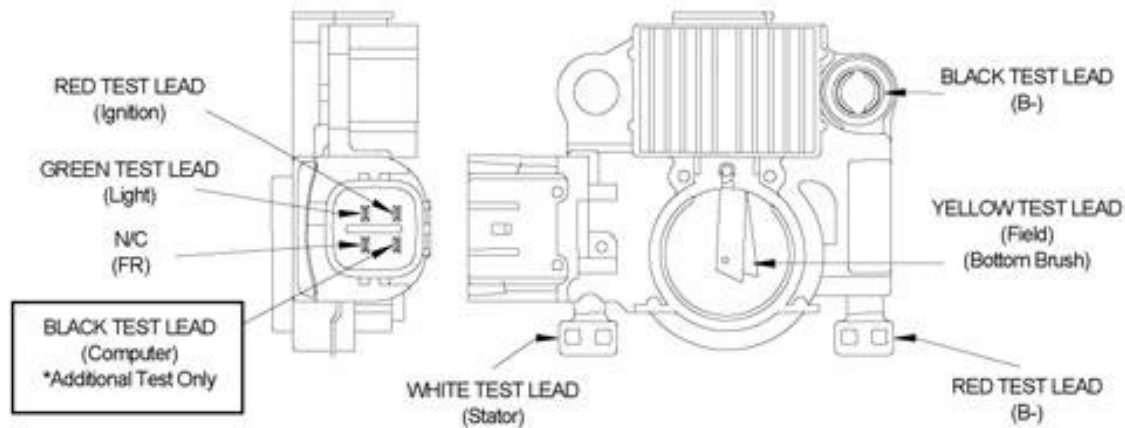
### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "Stator" field and lamp light comes on and voltage will indicate 12 volts.

Remove green test lead from terminal marked "Lamp" and lamp light goes off. Remove red test lead from terminal marked "Ignition" and field light goes off.

\* Connect black lead to "C" computer terminal and field lamp will stay on and voltage will read approximately 12.7 volts

**Using VRC2010:** Push the choke drive switch and the "Choke Drive Indicator Lamp" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D432	B	12	14.7				

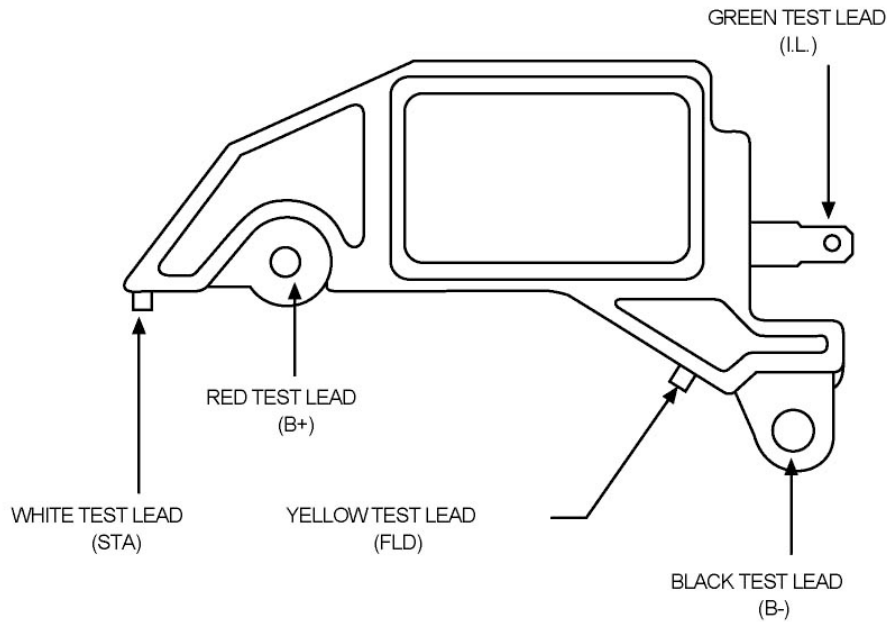
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove the white test lead from terminal marked "STATOR". The indicator light will turn on, field lamp will stay on and meter will indicate approximately 12V. Disconnect the test lead from "L" terminal. Regulator will turn off and the meter will indicate 12V.

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.





## TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN219	A	12	14.5	IN225	A	12	14.5
IN221	A	12	14.5	IN227	A	12	14.5
IN222	A	12	14.5	IN251	A	12	14.5
IN224	A	12	14.5	IN252	A	12	14.5

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

**3.1 Remove test lead from terminal marked "STATOR".**

- On the Original Equipment "C" and "D" model regulators, voltage should rise above 16 volts and the indicator light will turn on.
- On Transpo "D" model regulators, Indicator light should turn on and the meter will still indicate set point voltage.
- On "C" model regulators no change will occur

**3.2 On IN222, IN224, IN252 and IN431 (C model) regulators.**

Remove red test lead from the terminal marked "C". Field lamp should still blink and the meter will indicate set point voltage. Connect black test lead to terminal marked "C". Field lamp should still blink and the meter will indicate 12.3V.

**3.3 On all above parts except Transpo "C" models.**

Remove red test lead from terminal marked "IG". Field lamp should turn off and the meter will indicate low voltage.

**NOTE on Stator Connection:**

Transpo "D" model regulators (Black test lead)  
- IN219, IN221, IN225, IN251, IN253, IN429  
Transpo "C" model regulators (White test lead)  
- IN222, IN224, IN252, IN431  
O.E.M. (Red test lead)

**REFER TO NEXT PAGE FOR REGULATOR'S DIAGRAM**

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

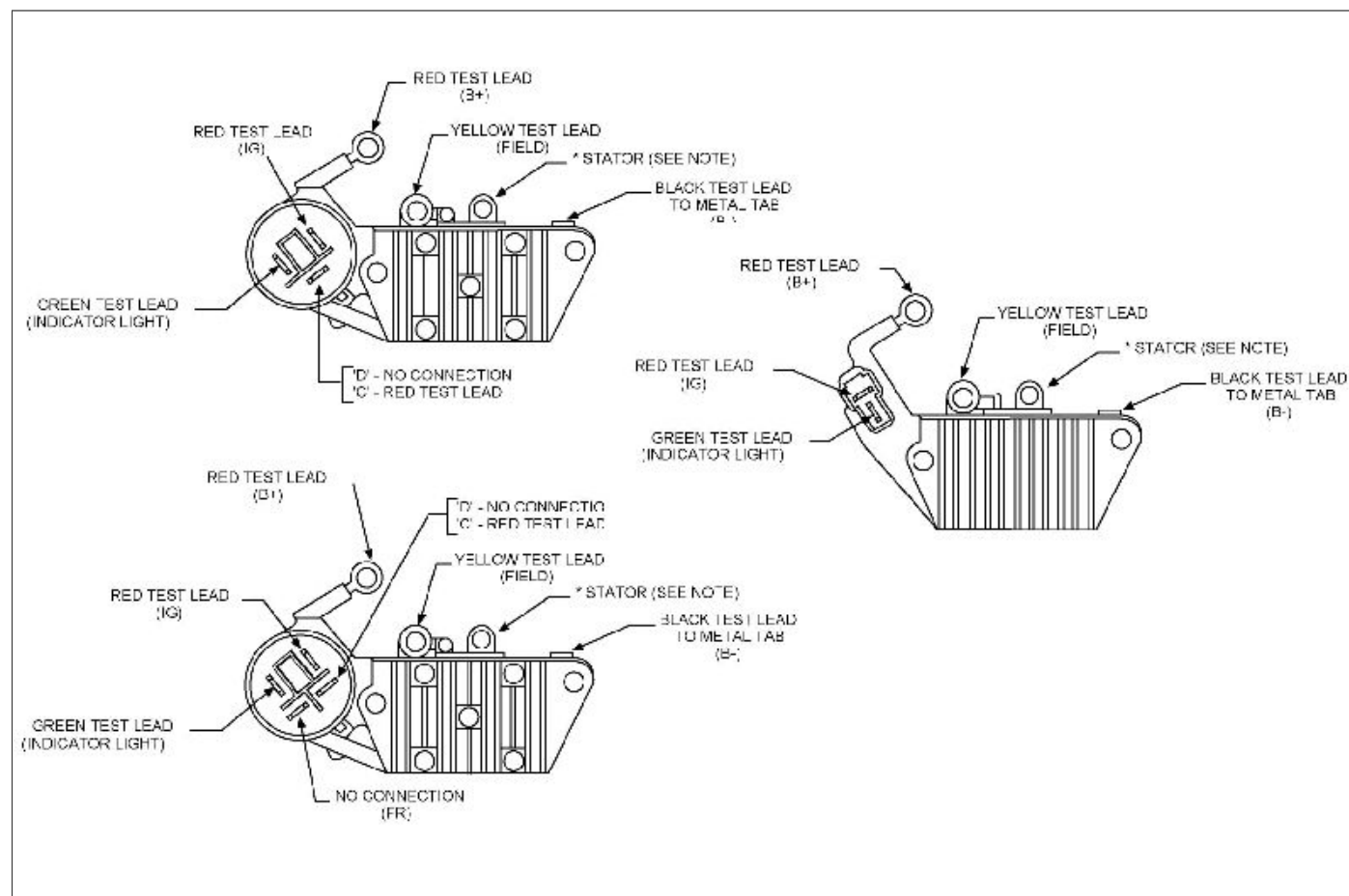
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN253	A	12	14.5	IN431	A	12	14.5
IN254	A	12	14.5	IN435	A	12	14.5
IN255	A	12	14.5	IN254CN	A	12	14.5
IN429	A	12	14.5	IN255CN	A	12	14.5

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

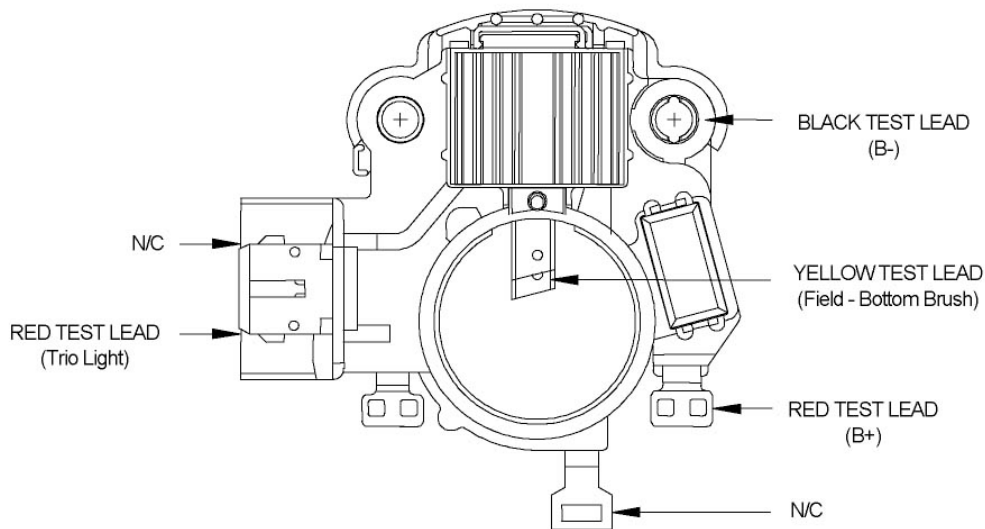


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM757	A	12	14.70				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH744	A	12.0	14.4				

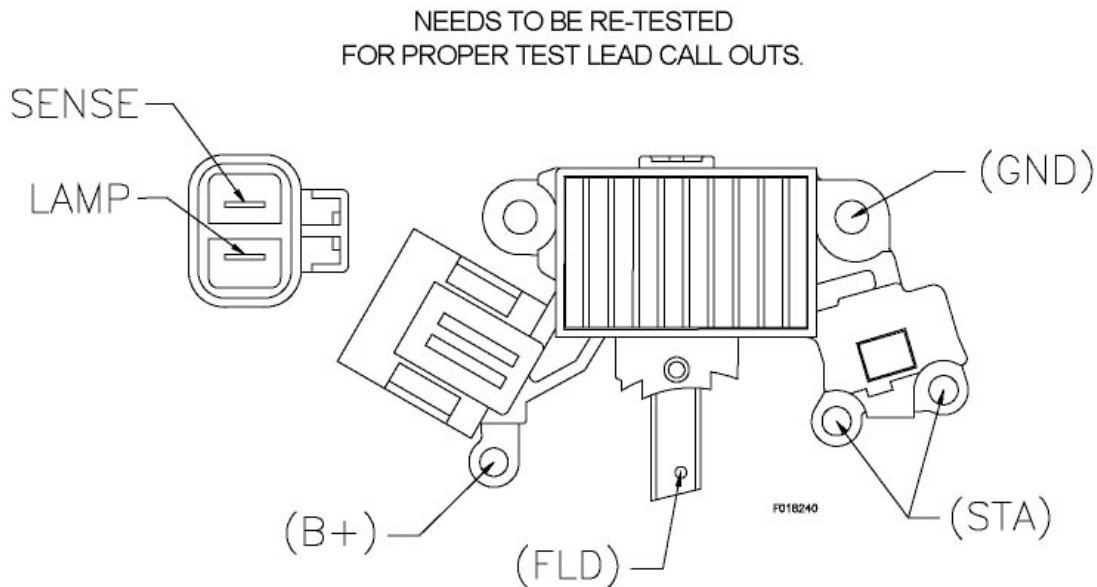
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove sense lead and voltage rises to approximately 15.5 volts, reconnect sense lead. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start).

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH738	A	12	14.5				

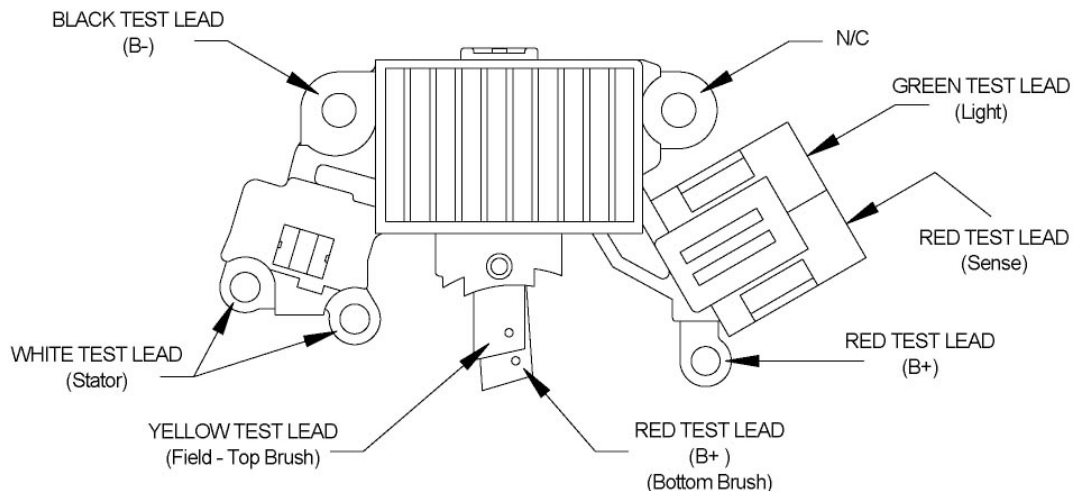
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove sense lead and voltage rises to approximately 15.5 volts, reconnect sense lead. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start).

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.

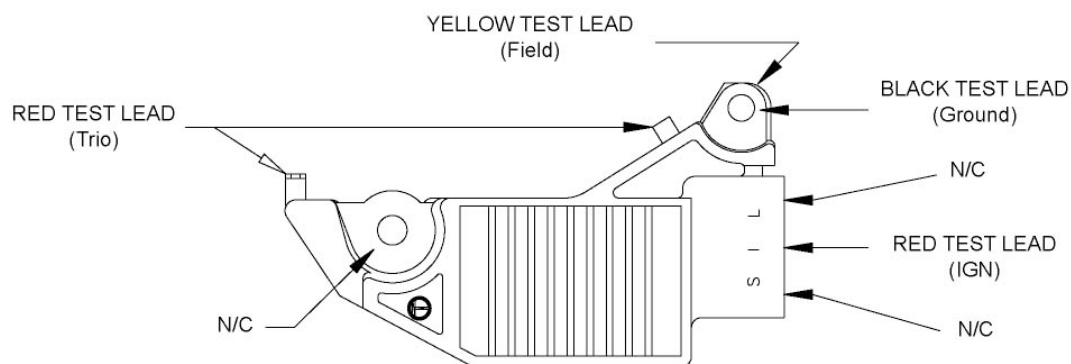


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D404	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

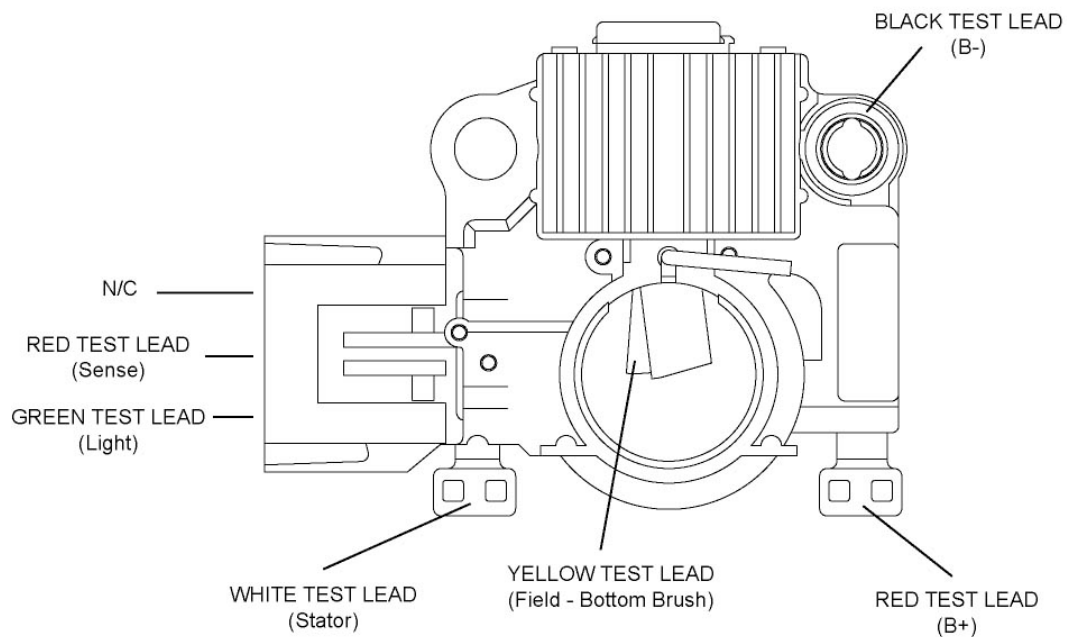
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM848	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove sense lead and voltage rises to approximately 15.4 volts, reconnect sense lead. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start). Remove Light lead field light and Lamp light turn off.



# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

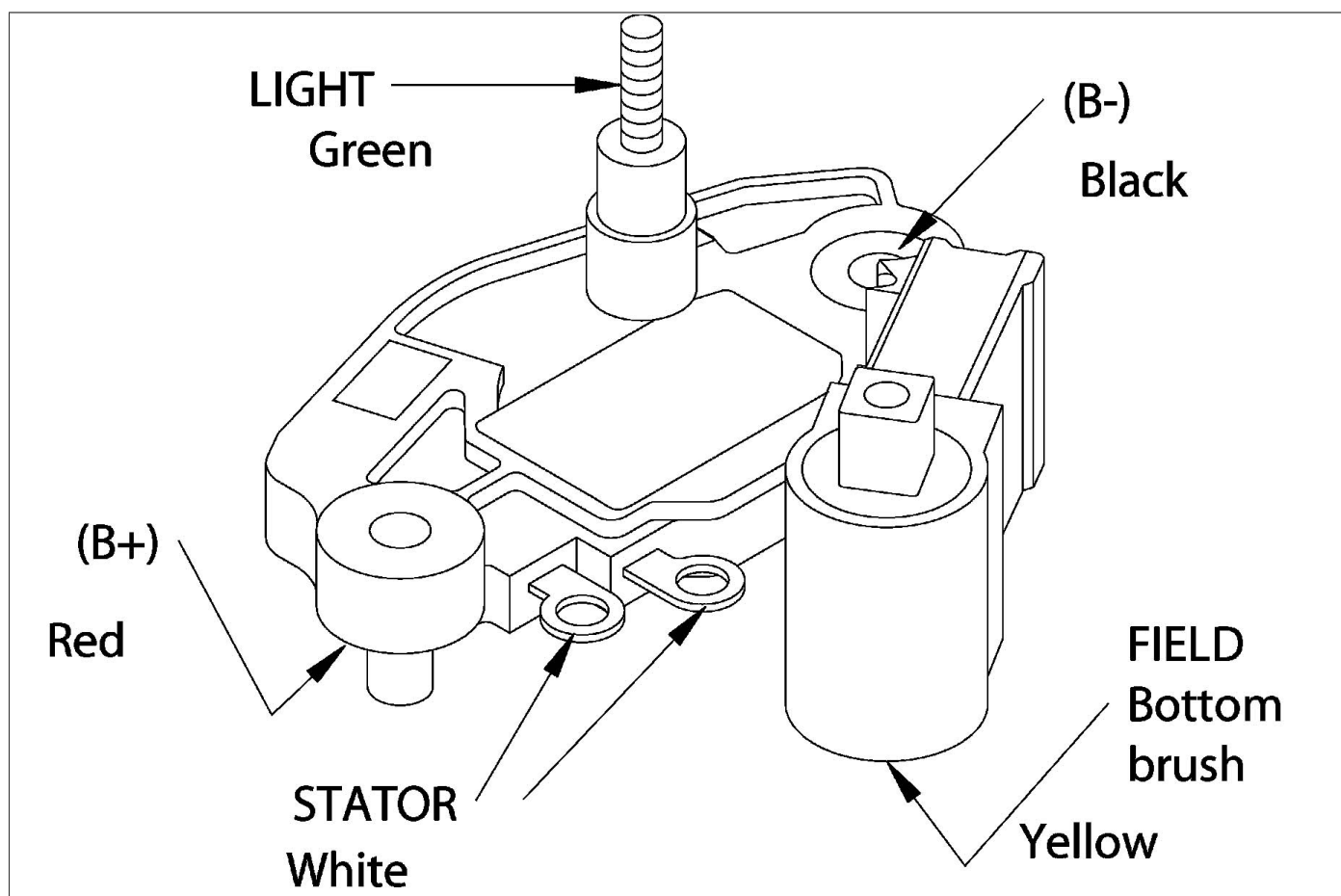
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M519	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove "White" lead from "Stator", meter will read 12.0 volts field light will come on and 12 volt lamp will come on. Remove "Lamp" terminal and field light will go out and lamp light will go out.





# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH774	A	12	14.4				

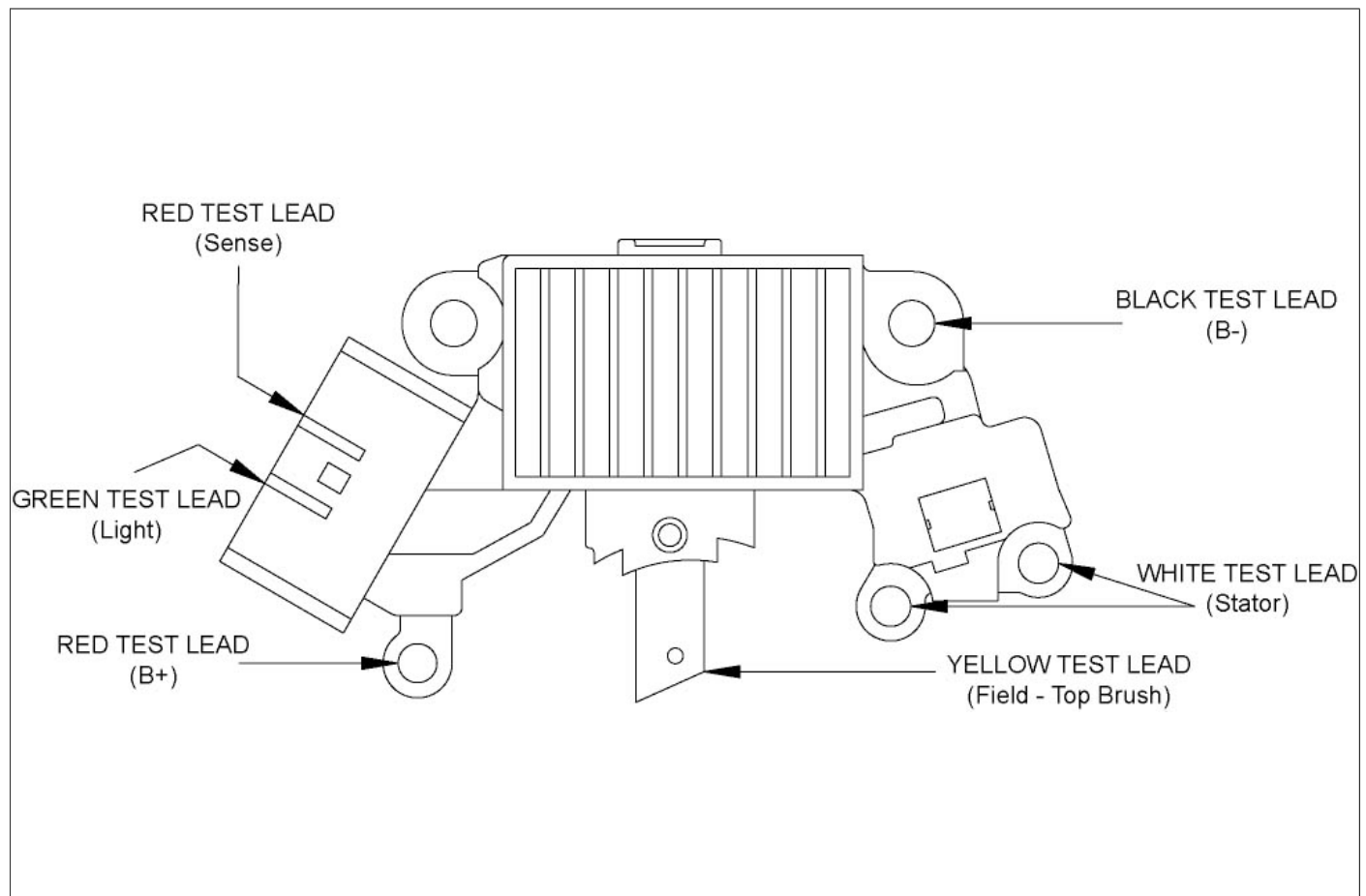
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove white lead from stator, field circuit lamp will stay on. 12V lamp will come on and voltage will drop to 12V.

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH742	A	12	14.3				

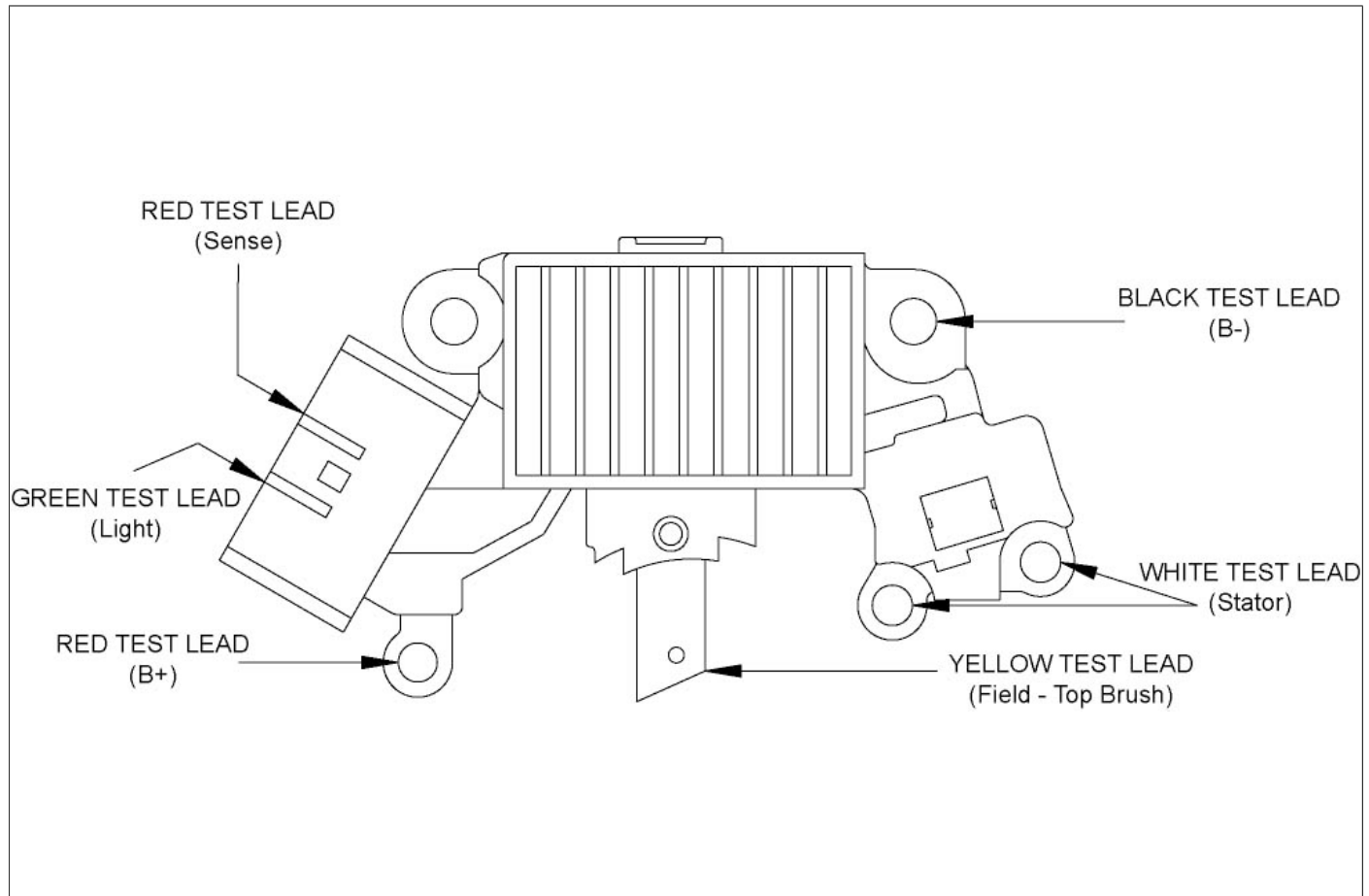
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove sense lead and voltage rises to approximately 15.5 volts, reconnect sense lead. Remove white test lead from stator, voltage remains the same and lamp comes on.

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM350	A	12	14.4				

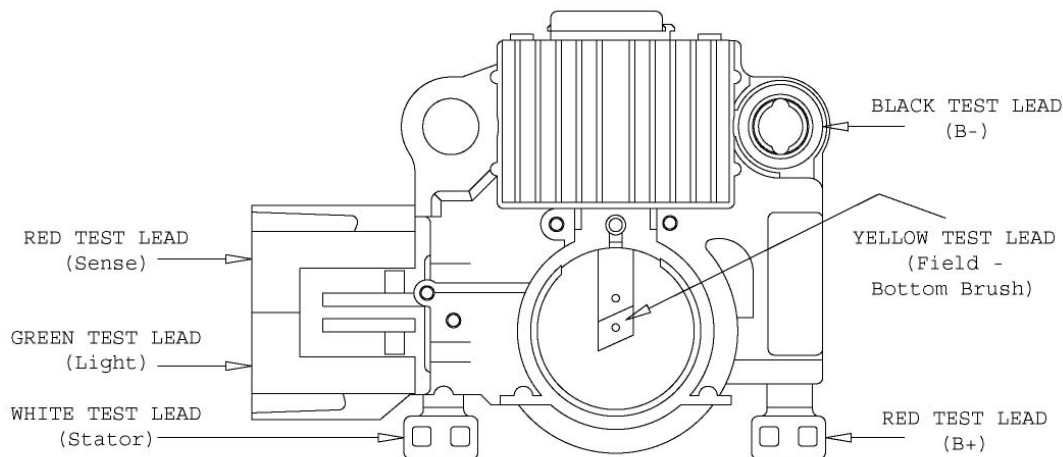
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove sense lead and voltage rises to approximately 15.4 volts, reconnect sense lead. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start).

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

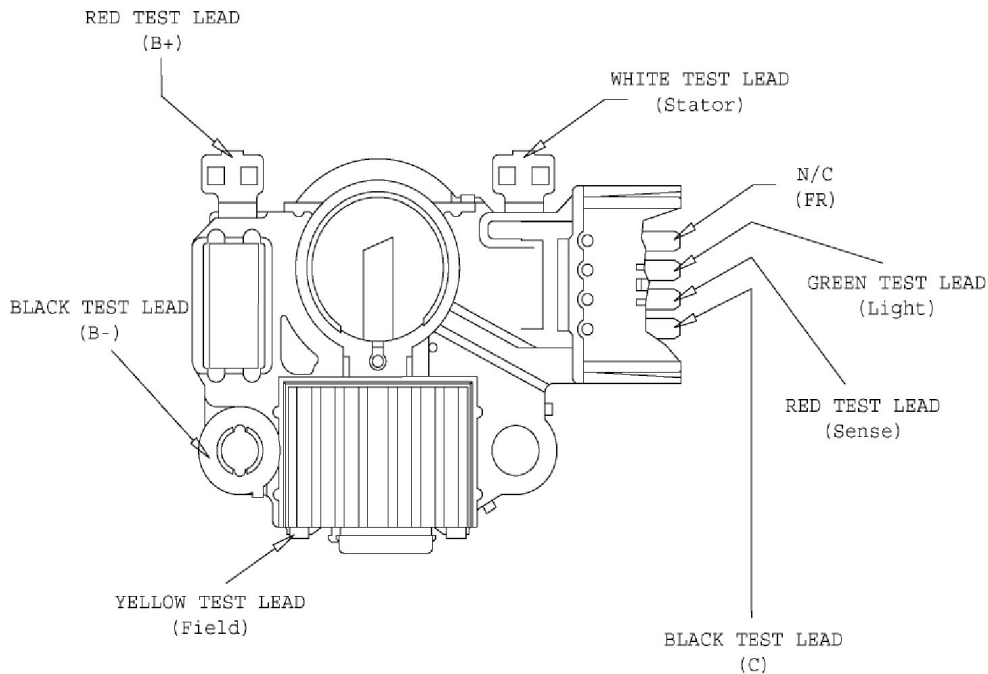
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM341	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove sense lead and voltage rises to approximately 15.4 volts, reconnect sense lead. Connect C terminal of regulator to C terminal on tester, and press Computer button, Voltage drops to 13.1 volts. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start). Remove Light lead field light and Lamp light turn off.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN215	A	12	14.6				
IN452	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

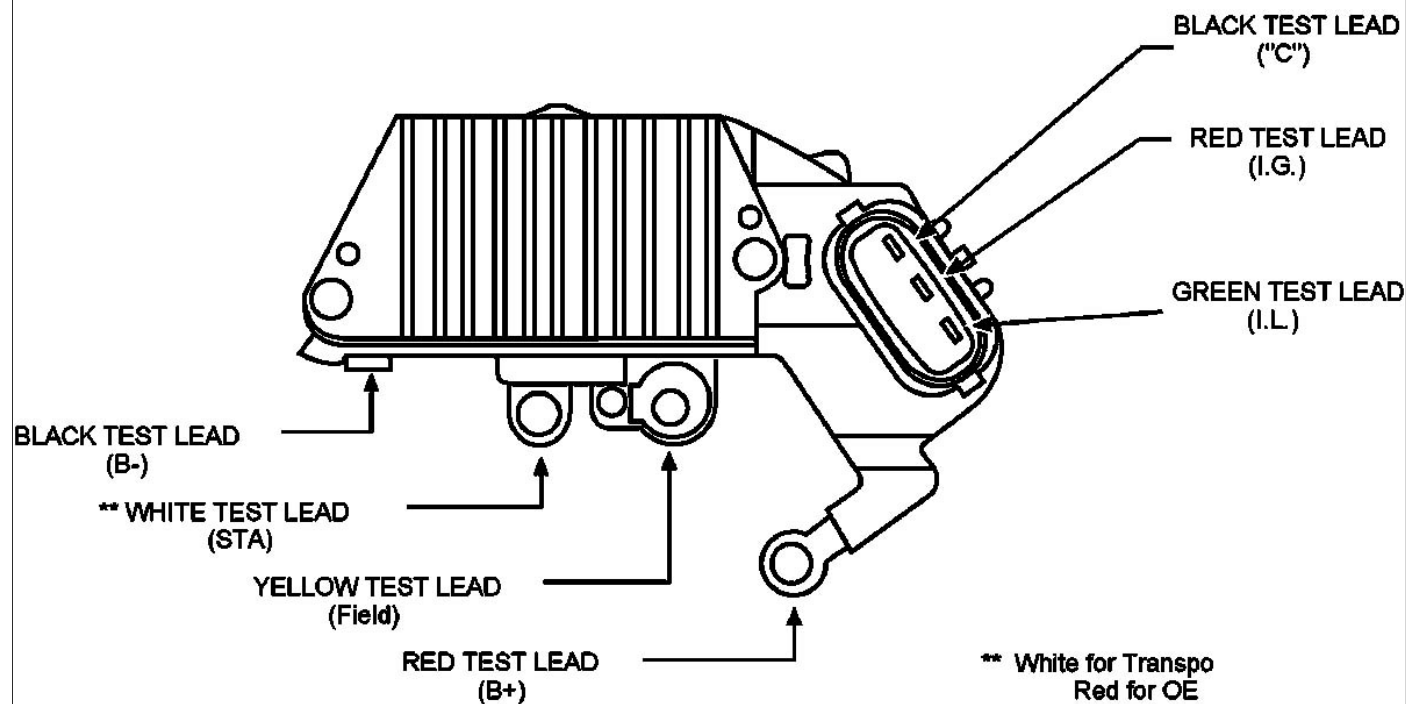
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect C terminal of regulator to C terminal on tester, and press Computer button, Voltage will read 12.6V. Remove white test lead to confirm charge indicator light function.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.

IN452 - No connection on black test lead labeled "C" on IN215, "D" on IN452.

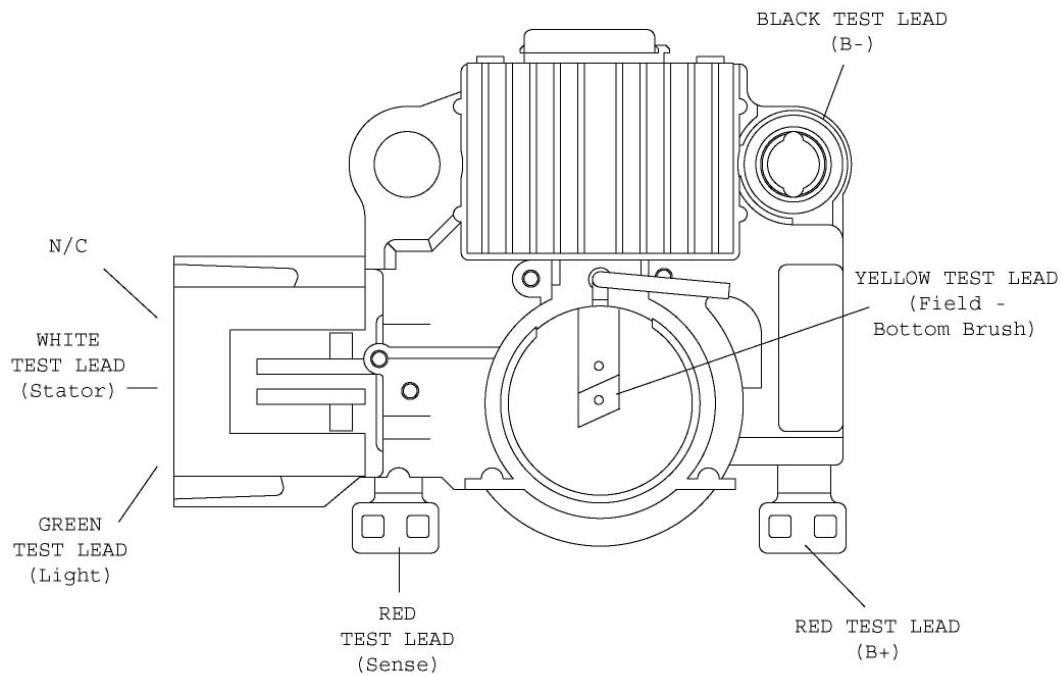


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM358	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
No additional test required.



# TRANSPO TESTER INSTRUCTIONS

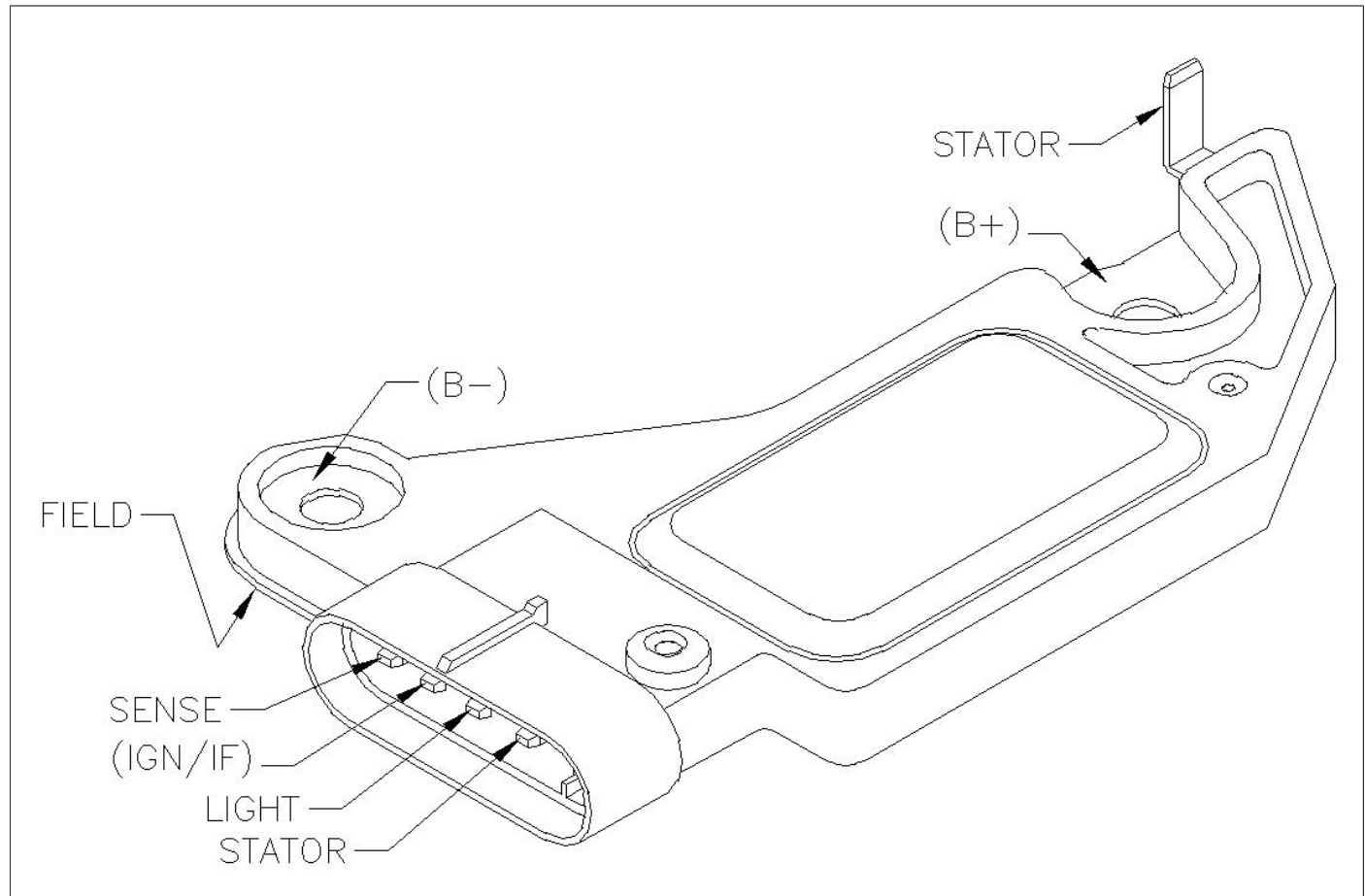
for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D751	A	12	15.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

## **IMPORTANT ... Tester FIELD LOAD Switch Must Be Set to 0.5 AMP !**

Remove "White" test lead from terminal marked "Stator". The indicator light will turn on, field lamp will stay on and the meter will indicate approximately 12 volts. Remove red test lead from Sense and light will come on. Remove "Green" test lead, lamp will go off and field lamp will go off.



## **IMPORTANT ... Tester FIELD LOAD Switch Must Be Set to 0.5 AMP !**

# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

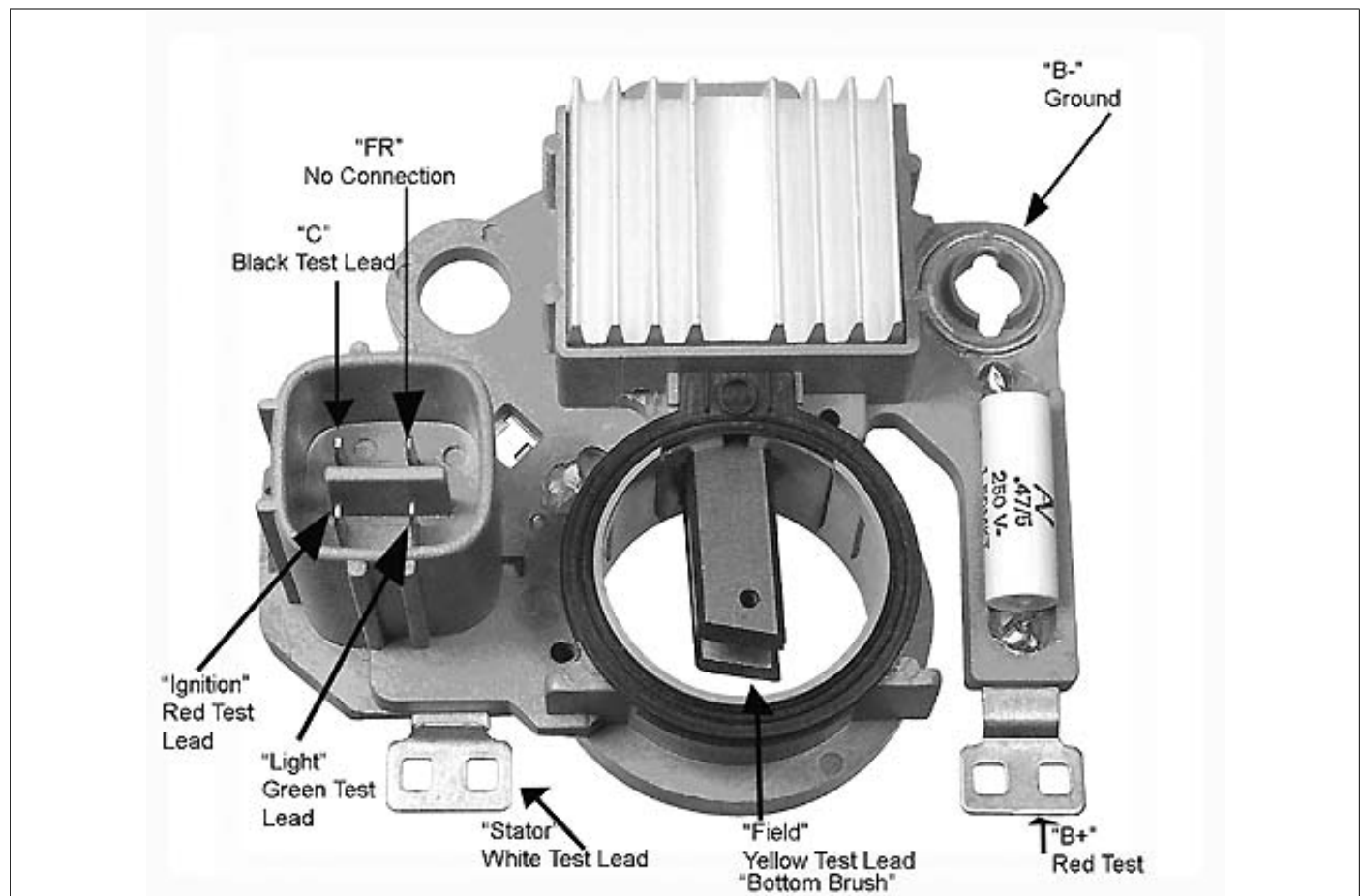
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM853	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove white test lead from terminal marked "Stator" field, lamp light comes on and Voltage will incate 12 Volts. Remove green test lead from terminal marked "Lamp" and lamp light goes off. Remove red test lead from terminal marked "Ignition" and the field light goes off.



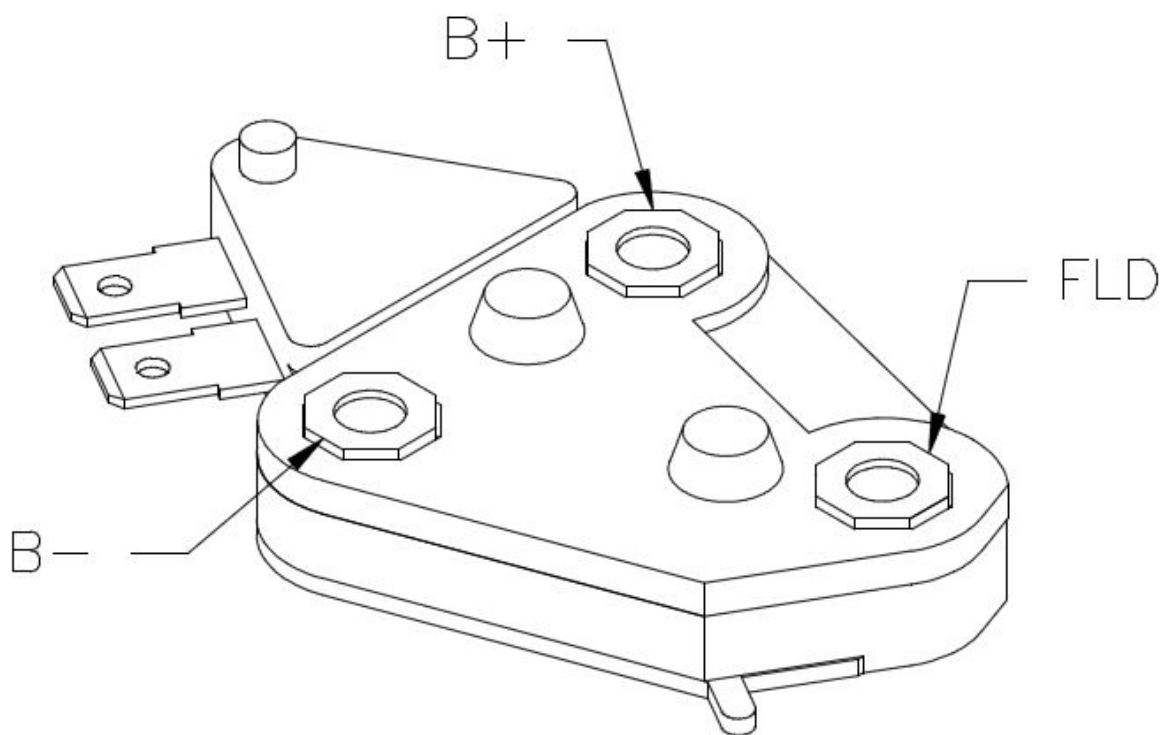


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D10SE132	A	12	14.8				
D10SE138	A	12	14.8				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

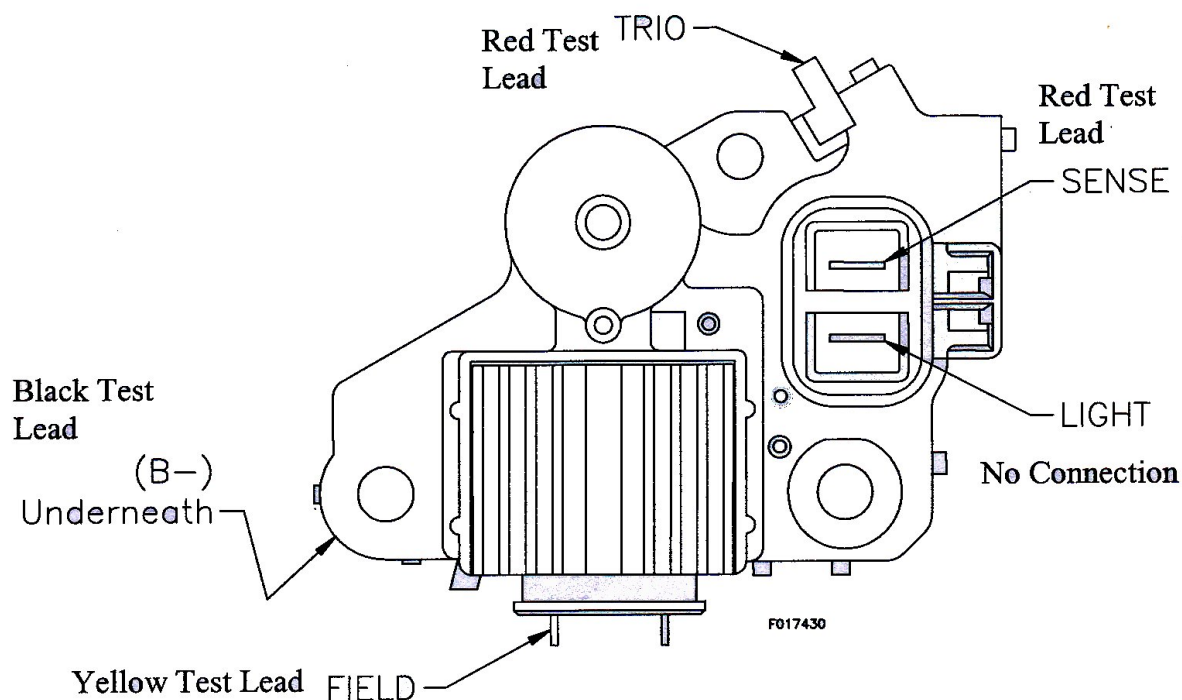


# TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY903	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove red test lead from "S" terminal. Voltage will go up to approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

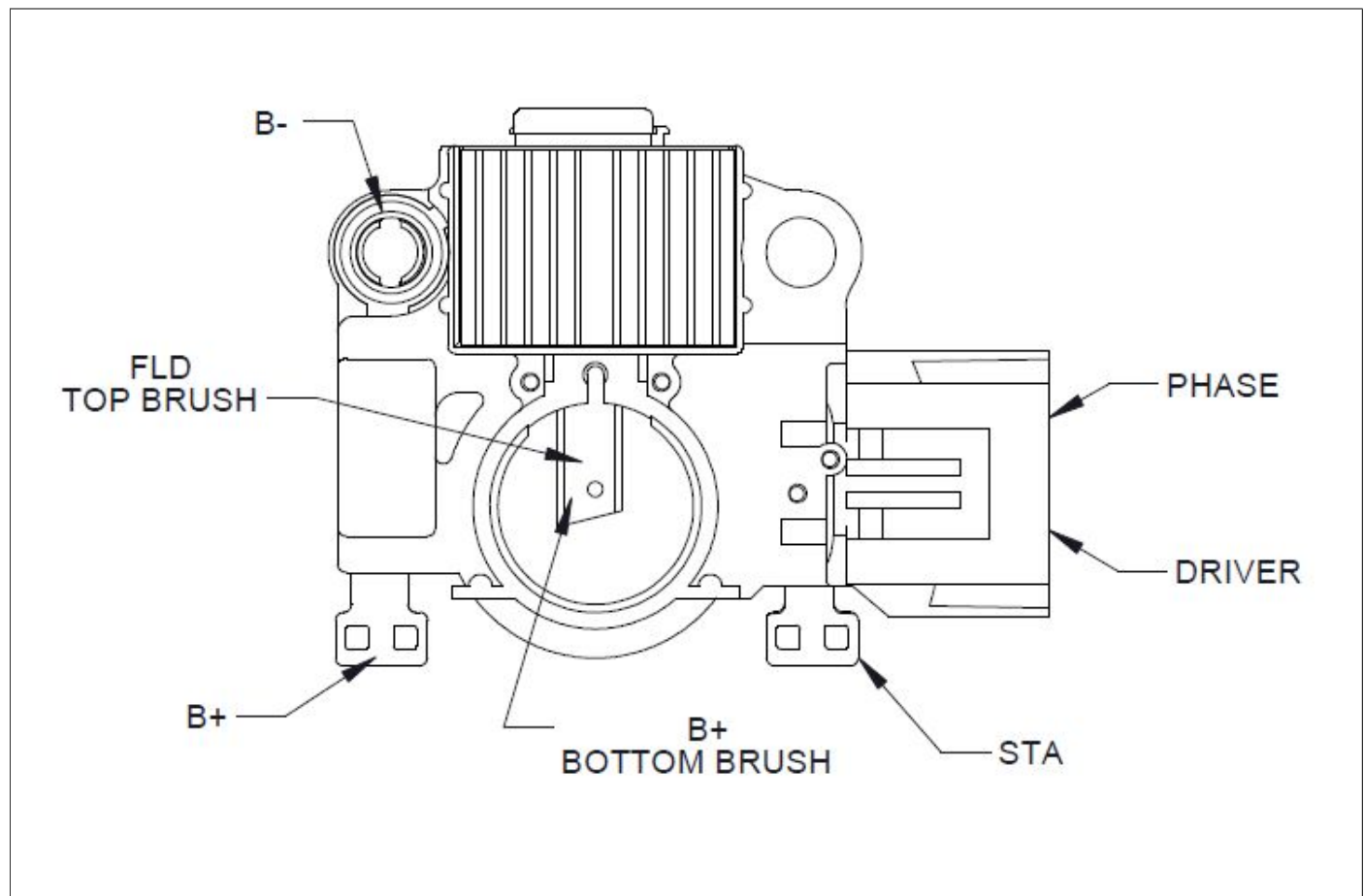
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM465	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- IM465 has D-P terminal functions: D=Drive, P=Phase.
- D-P Type Regulators are immediately damaged if tested using procedure typical to common S-L type regulators, where B+ Voltage would be applied to the D terminal position.



- IM465 field brush is top / outer brush; (unlike many other Mitsubishi regulators).

# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F797	A	12	*14.0				
F797HD	A	12	*14.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

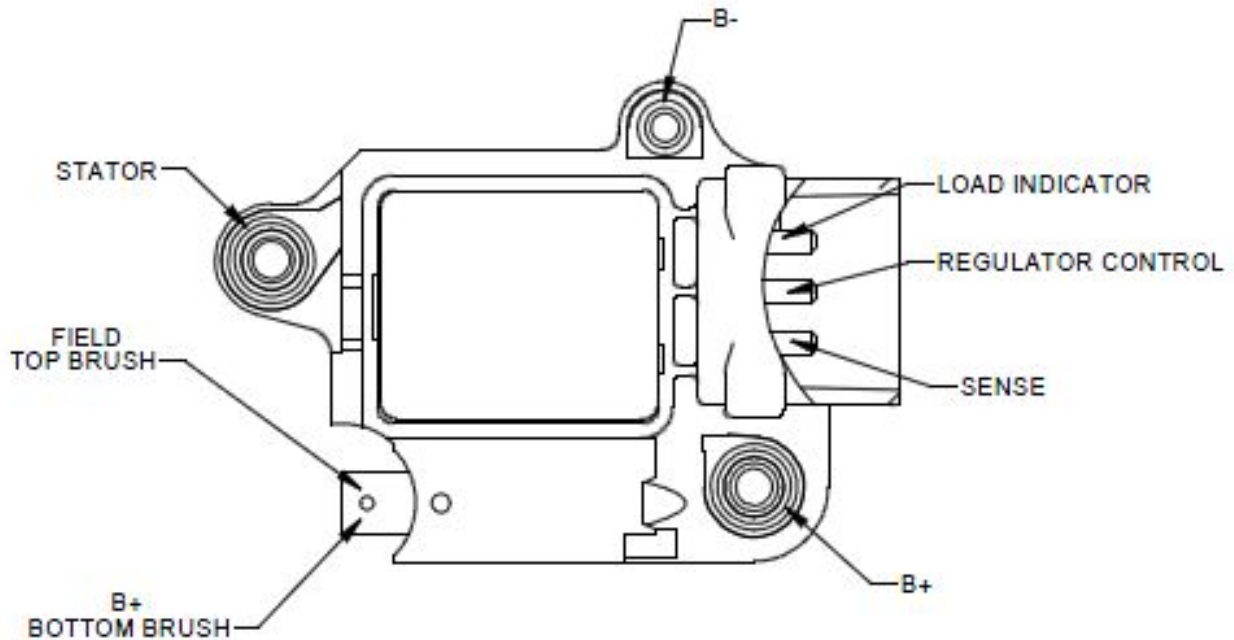
Connect RC terminal of regulator to RCV regulator on tester. Connect LI terminal of regulator to LI terminal on tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 12.9V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 14.8V.

\* The 14.0V Set Point indicated above is the 'default VSet' (no vehicle PCM input).



# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F601	A	12	14.0*				
F601HD	A	12	14.0*				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

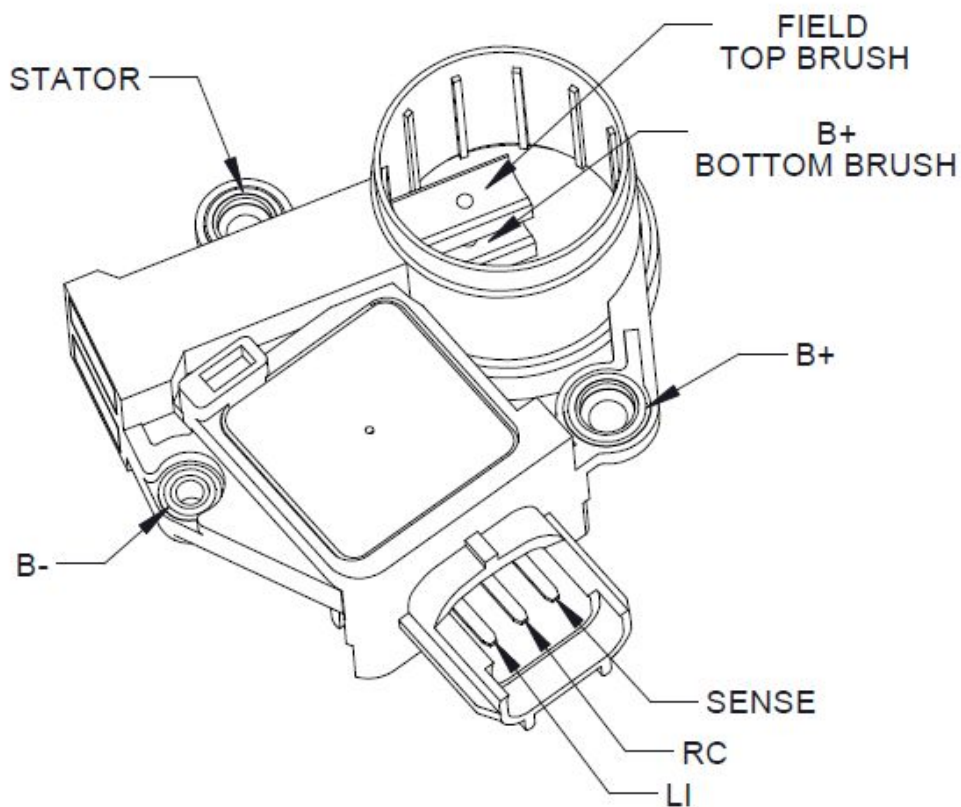
Use VRC2010 tester to complete RC voltage setpoint testing, Connect RC terminal to VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 12.9V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 14.8V.

\* The 14.0V Set Point indicate above is the 'default VSet' (no vehicle PCM input).



- AS-RC-LI Terminals
- Regulation Voltage Controlled by Vehicle PCM

# TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX131	A	12	*14.0				
IX131HD	A	12	*14.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

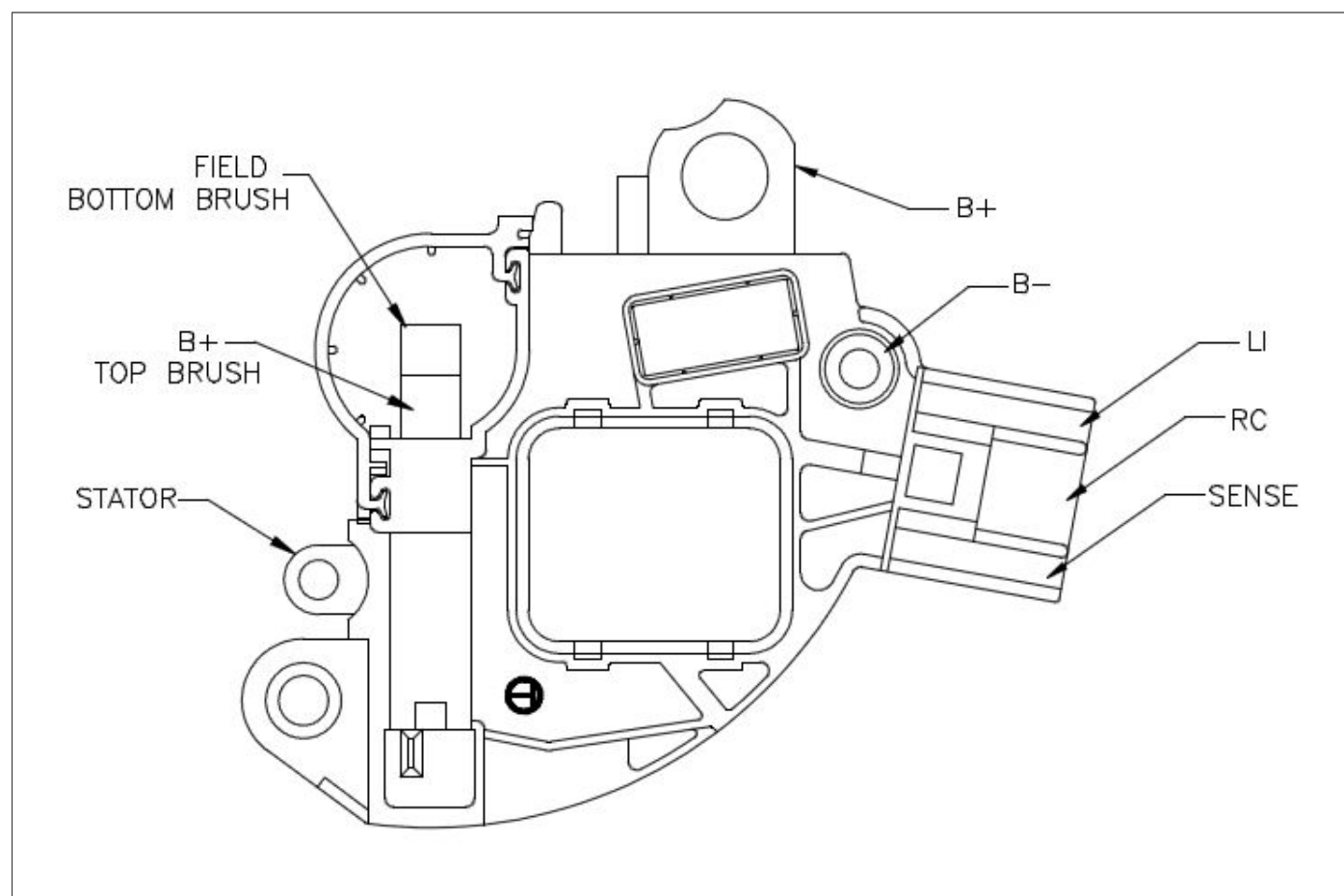
Connect RC terminal of regulator to RCV terminal on tester. Connect LI terminal of regulator to LI terminal on tester

1. Adjust Comm Voltage switch to position 13, Setpoint is 12.9V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 14.8V.

\* The 14.0V Set Point indicated above is the 'default VSet' (no vehicle PCM input).



# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-251	A	24	26.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

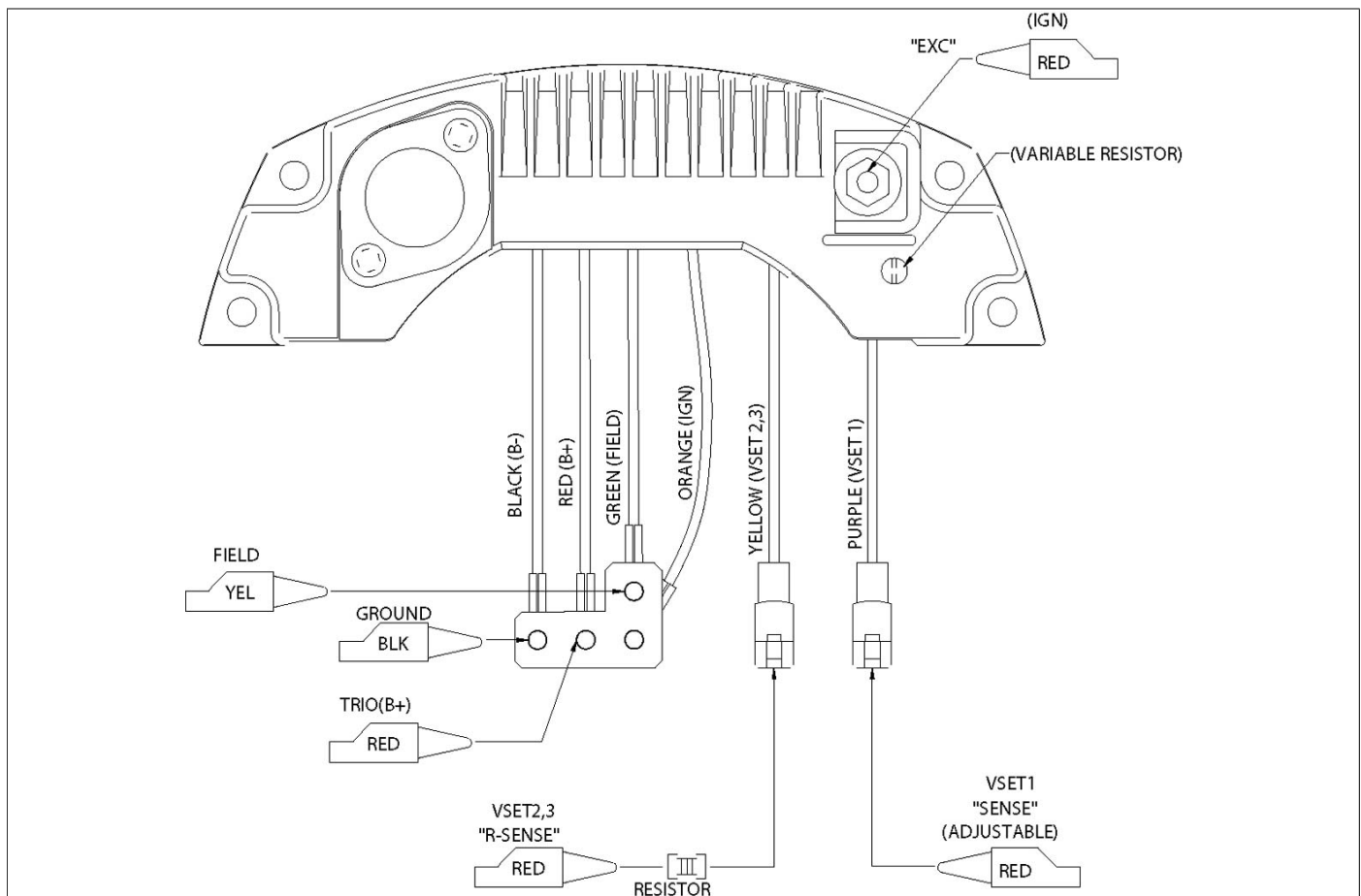
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

DO NOT CONNECT BOTH SENSE LEADS AT THE SAME TIME.

• VSET1: Disconnect Sense (Purple Lead Wire) ... Voltage Regulation 28.00V +/- 0.5V

• VSET2: Connect Regulator as shown; Use Resistor 5K Ohm... Voltage Regulation 26.5V +/- 0.5V



NOTE: THE VOLTAGE IS BELOW METER RANGE WITHOUT USING A RESISTOR ON YELLOW WIRE. REGULATOR IS FACTORY SET AT 26.5V. WE DO NOT RECOMMEND TURNING VARIABLE RESISTOR UNTIL INSTALLED ON VEHICLE.

# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI845	A	12	14.4				

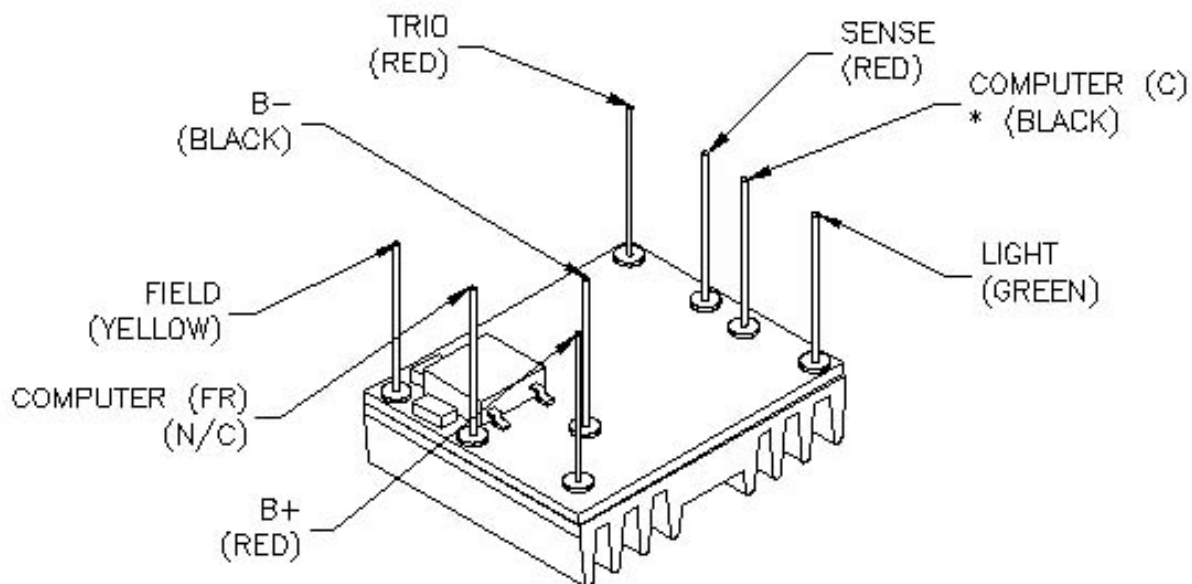
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect Computer (C) to Black (B-), voltage will read 12.5 volts

Remove Sense (Red), Lamp light will turn on.



\* Connect only for Computer (C) function test

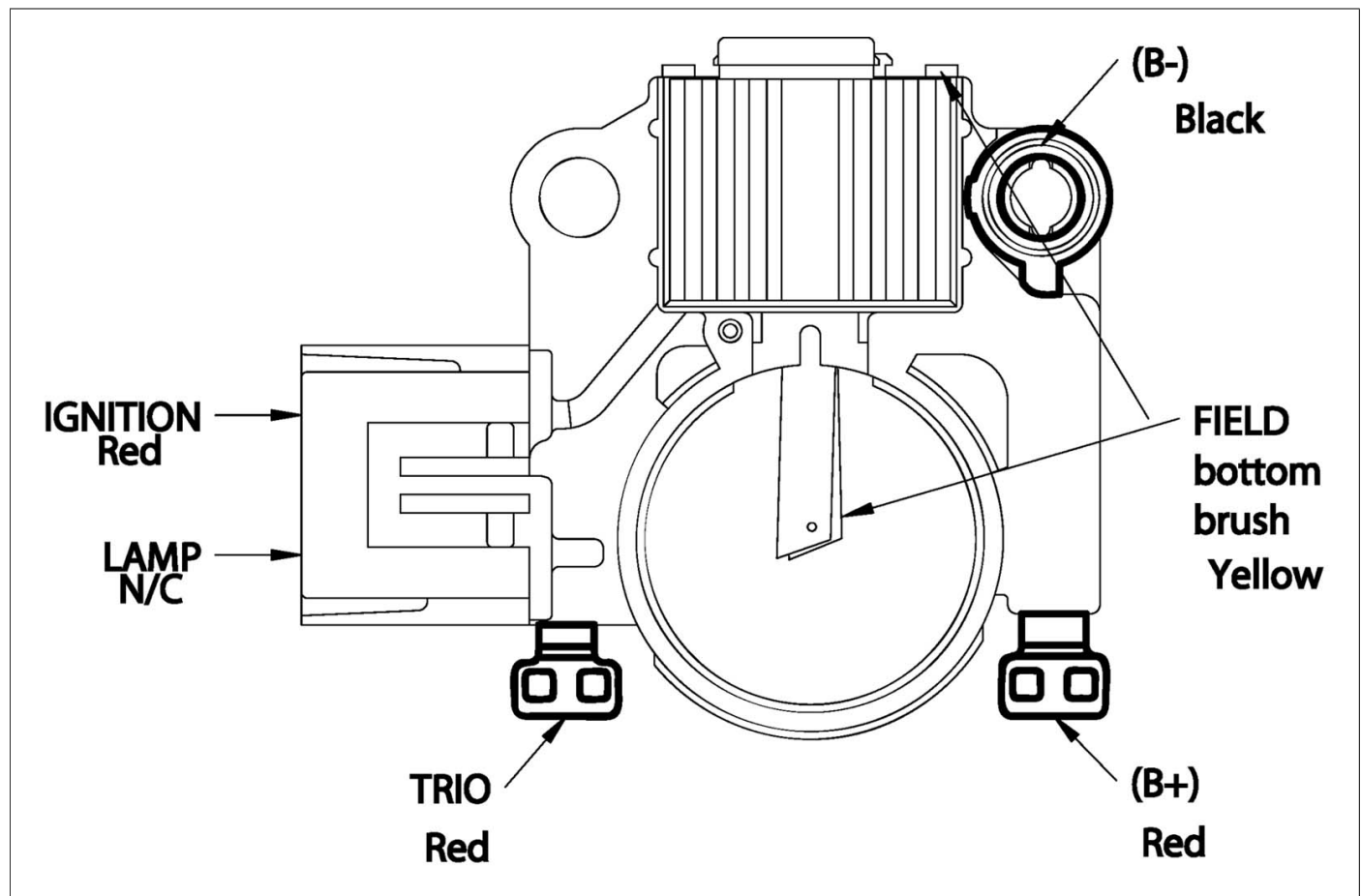


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM846	A	24	28.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

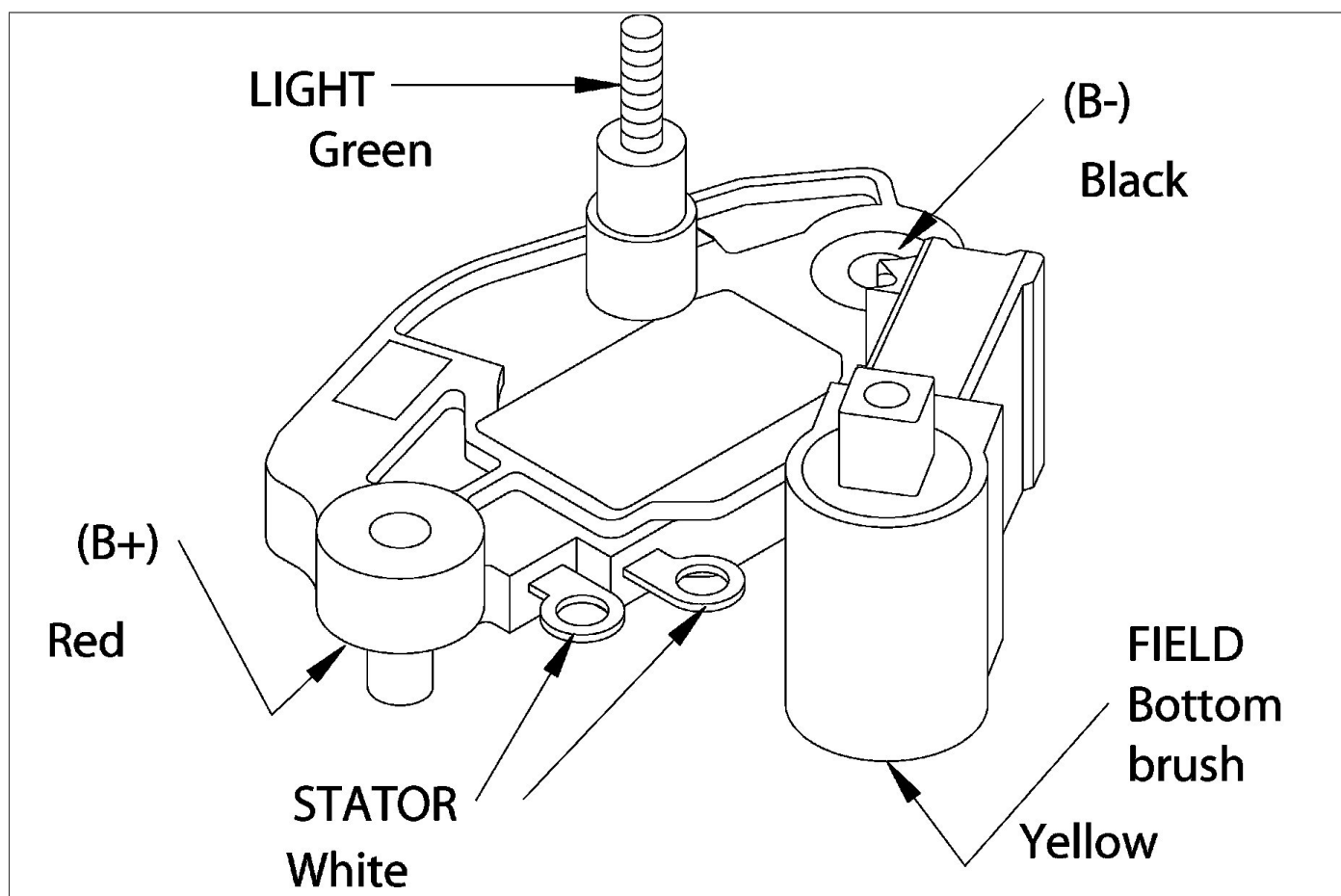
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M517	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove "White" lead from "Stator", meter will read 12.0 volts field light will come on and 12 volt lamp will come on. Remove "Lamp" terminal and field light will go out and lamp light will go out.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

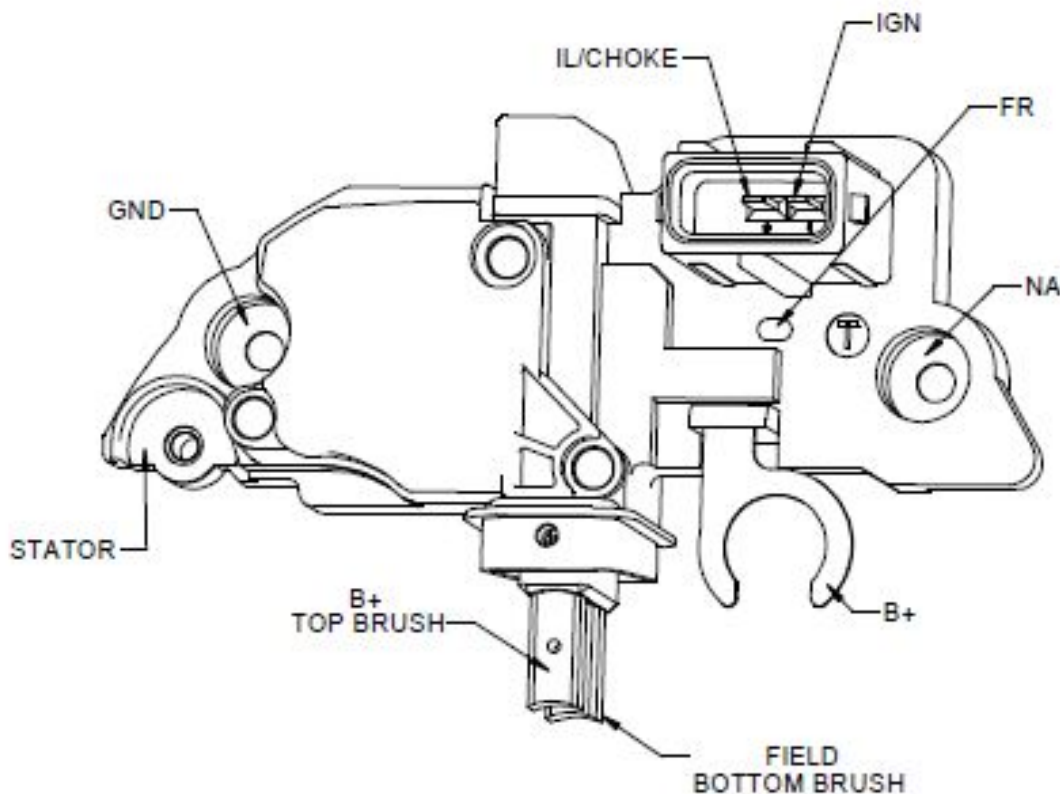
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB251	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Power On: Field light should blink and meter will indicate approximately the set point voltage indicated in the above table. Remove white test lead from terminal marked "Stator" field light and "Lamp" light will come on and voltage will show 12 volts. Reconnect "Stator" wire; Remove green test lead from "Light" terminal, field light will continue to blink and meter will indicate approximately the set point voltage indicated in the above table. Reconnect "Lamp" wire; Remove ignition, field light will continue to blink, "Lamp" light will turn on and meter will indicate approximately the set point voltage indicated in the above table.

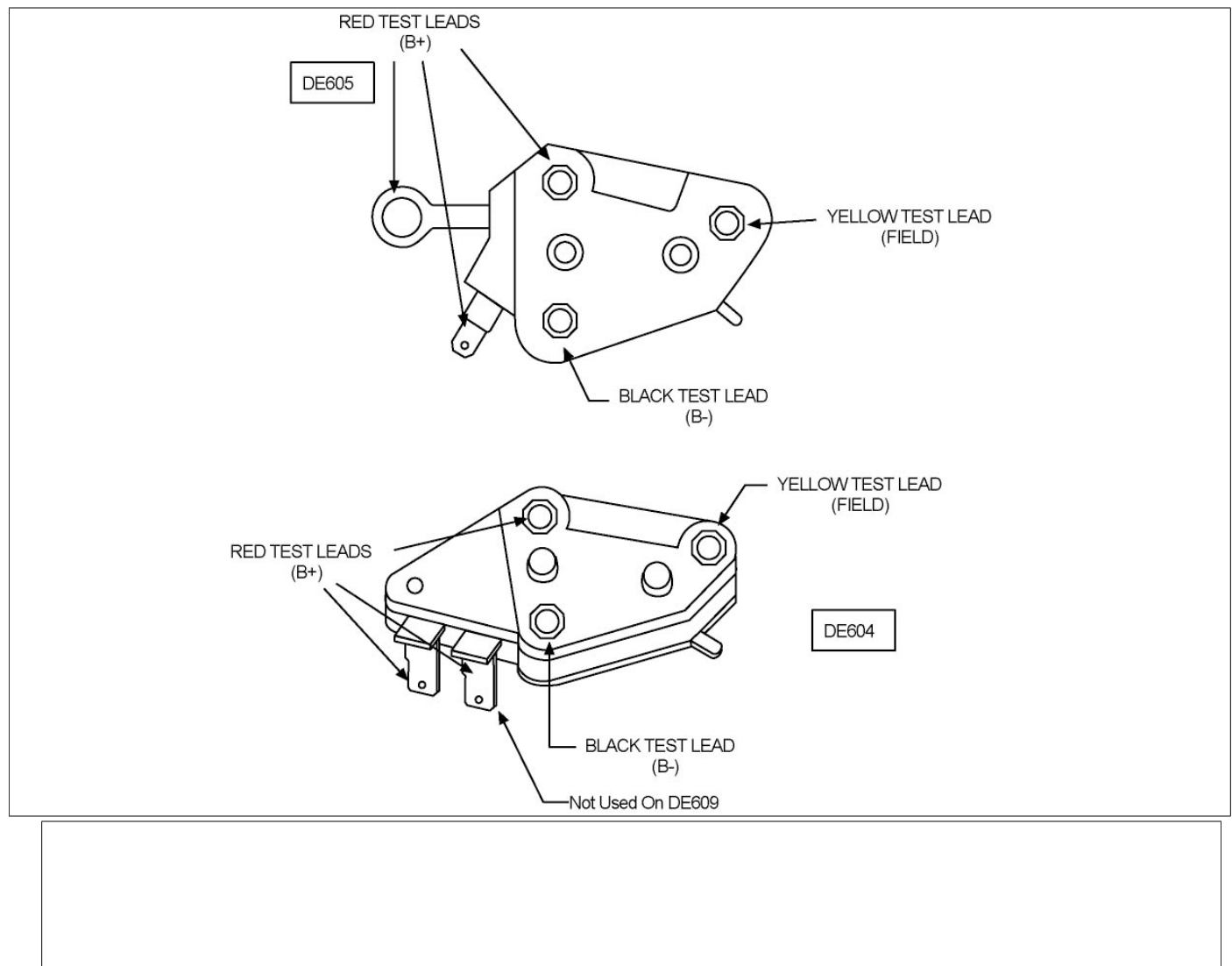


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
DE604	A	12	14.8				
DE605	A	12	14.8				
DE609	A	12	14.8				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
DE708	B	12	14.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

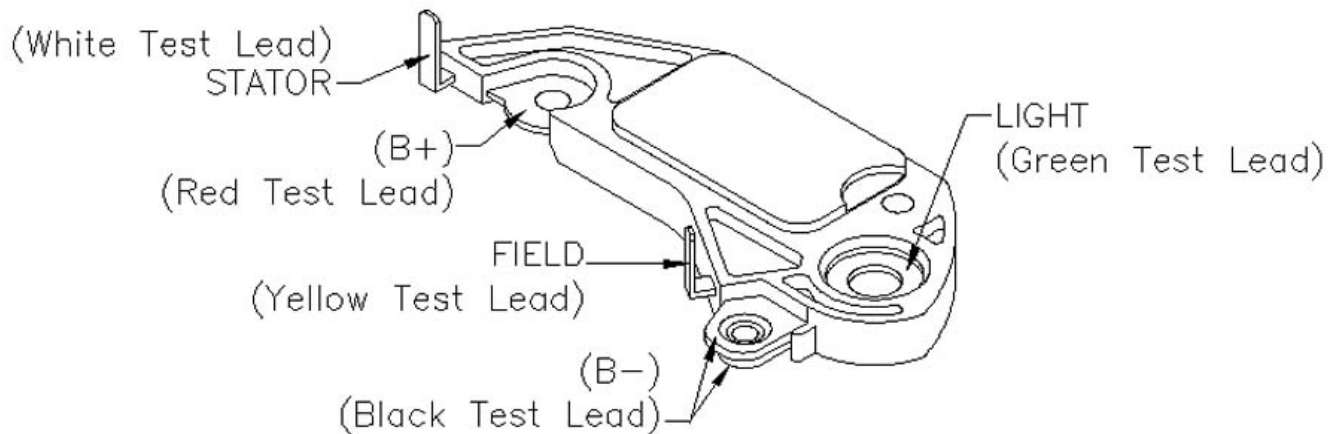
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove "White" test lead from "Stator" lamp will come on and voltage will go to 12 volts.

Reconnect "White" test Lead.

Remove "Green" Lead from "Light" terminal regulator will go to 12 volts and "Field" light will stop blinking.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

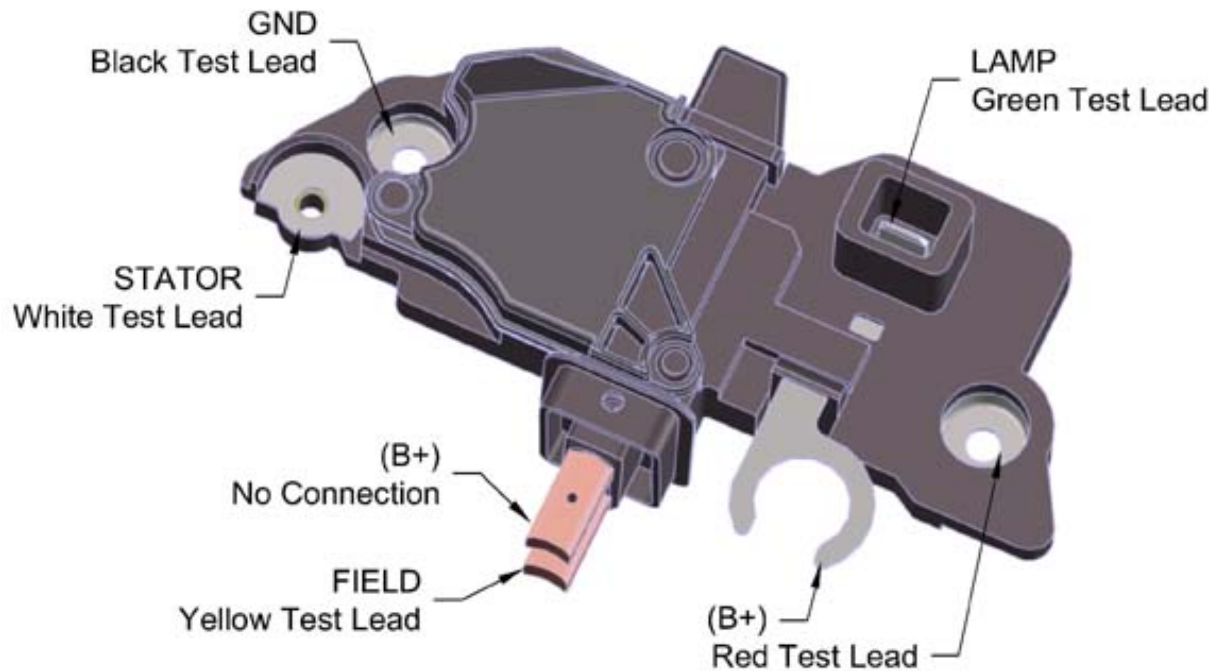
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB229	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove White Test lead from Stator Terminal, Lamp will come on, display will show 12 volts and field light will stay on. Remove Green Test lead and field light will turn off.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB235	A	12	14.5				

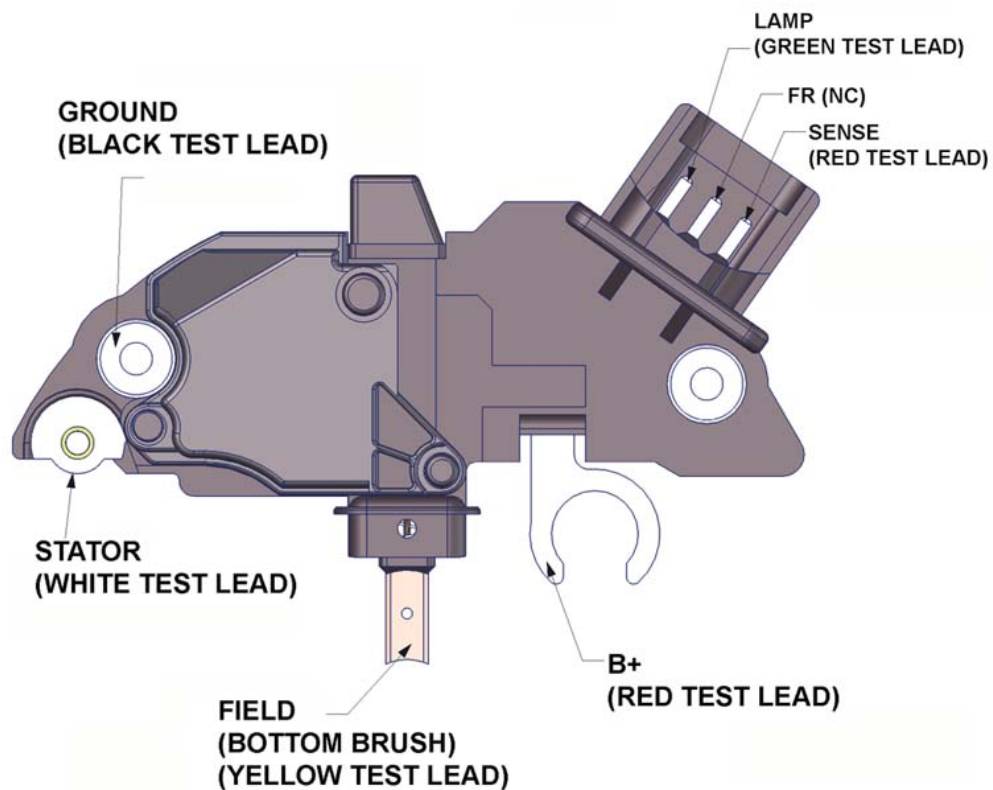
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove White Test Lead from Stator, Lamp Light comes on and Field Light stay on.

Remove Green Test Lead from Light terminal, Lamp Light and Field Light turn off.



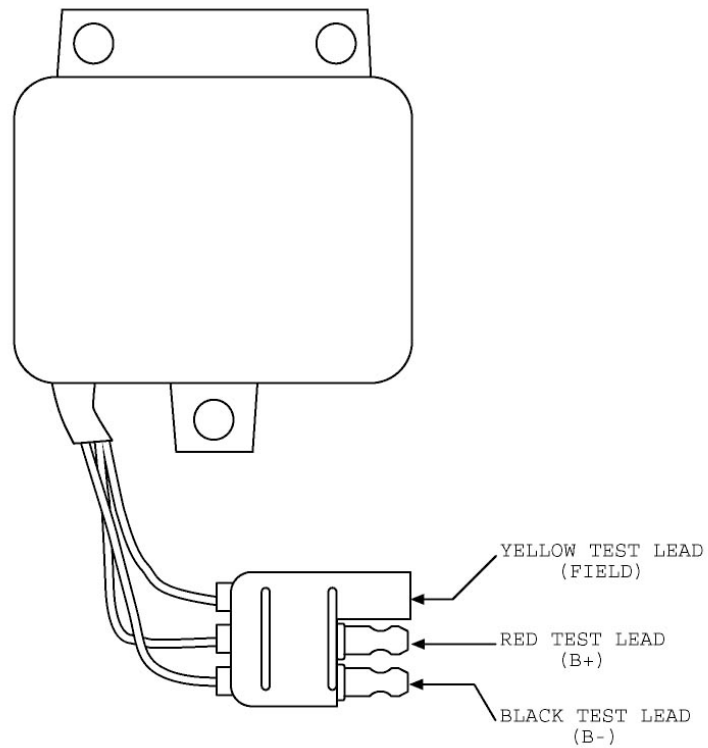
The voltage will drop when remove the stator lead.

## TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-61A	B	24	28.0	M5-136A	B	12	14.2
M5-74A	B	32	39.2	M5-147A	B	12	15.00
M5-79A	B	12	14.2	M5-148A	B	24	28.0
M5-94A	B	32	38.4	M5-154A	B	12	14.2

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB298	B	24	28.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

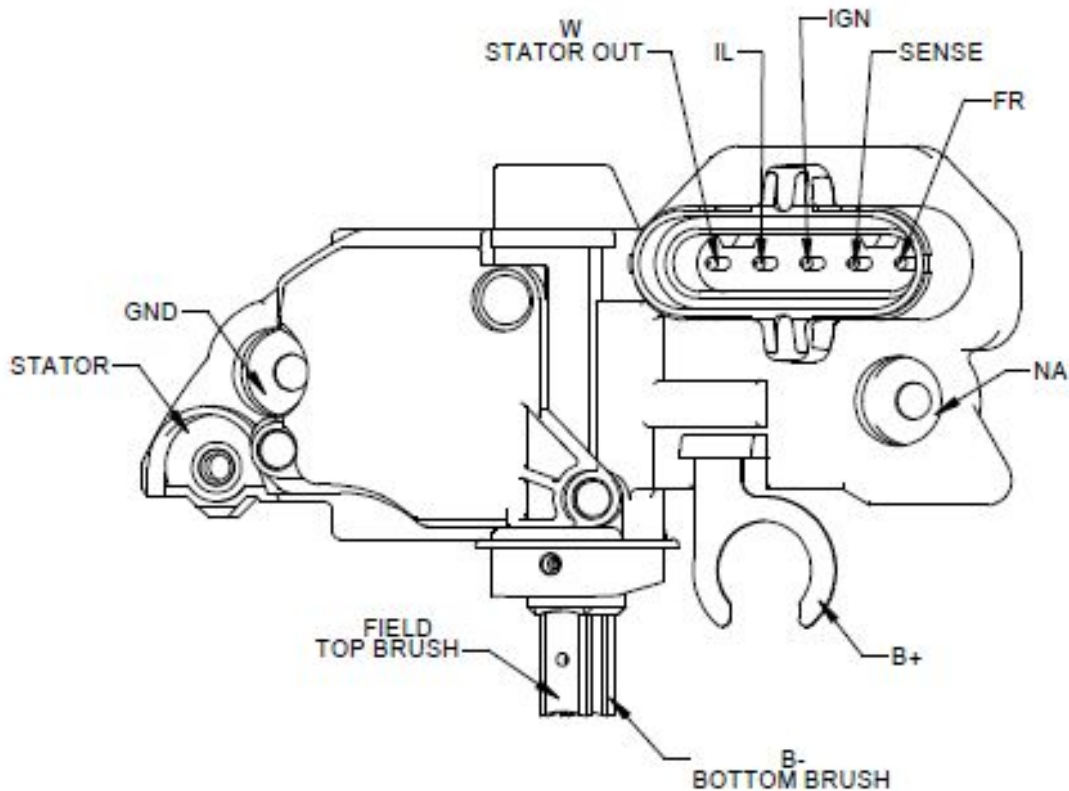
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove White test Lead from Stator Light comes on. Reconnect Stator.

Remove Green test Lead from Lamp, voltage remains same. Reconnect Light.

Remove White test Lead from Stator, Light and Ignition voltage goes to 24 volts.



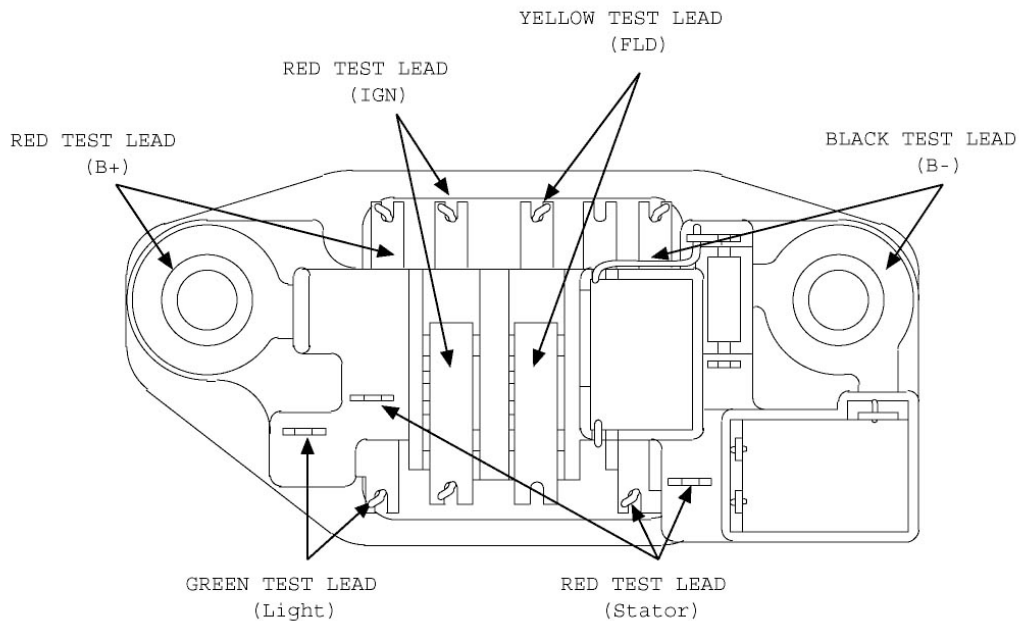
- Note: IB298 without Loss of Sense Lamp Indication
- W-L-15-S-DFM Terminals • OE Compliant Circuit Protection & Functions... 'With Stator Start,

# TRANSCO TESTER INSTRUCTIONS

for SAWAFUJI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IW700	A	24	28.5				
IW701	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Remove test lead from Stator terminal and light will come on; reconnect test lead to Stator terminal. Remove test lead from Ignition terminal, field light will stop flashing and voltage goes to default. (see note)



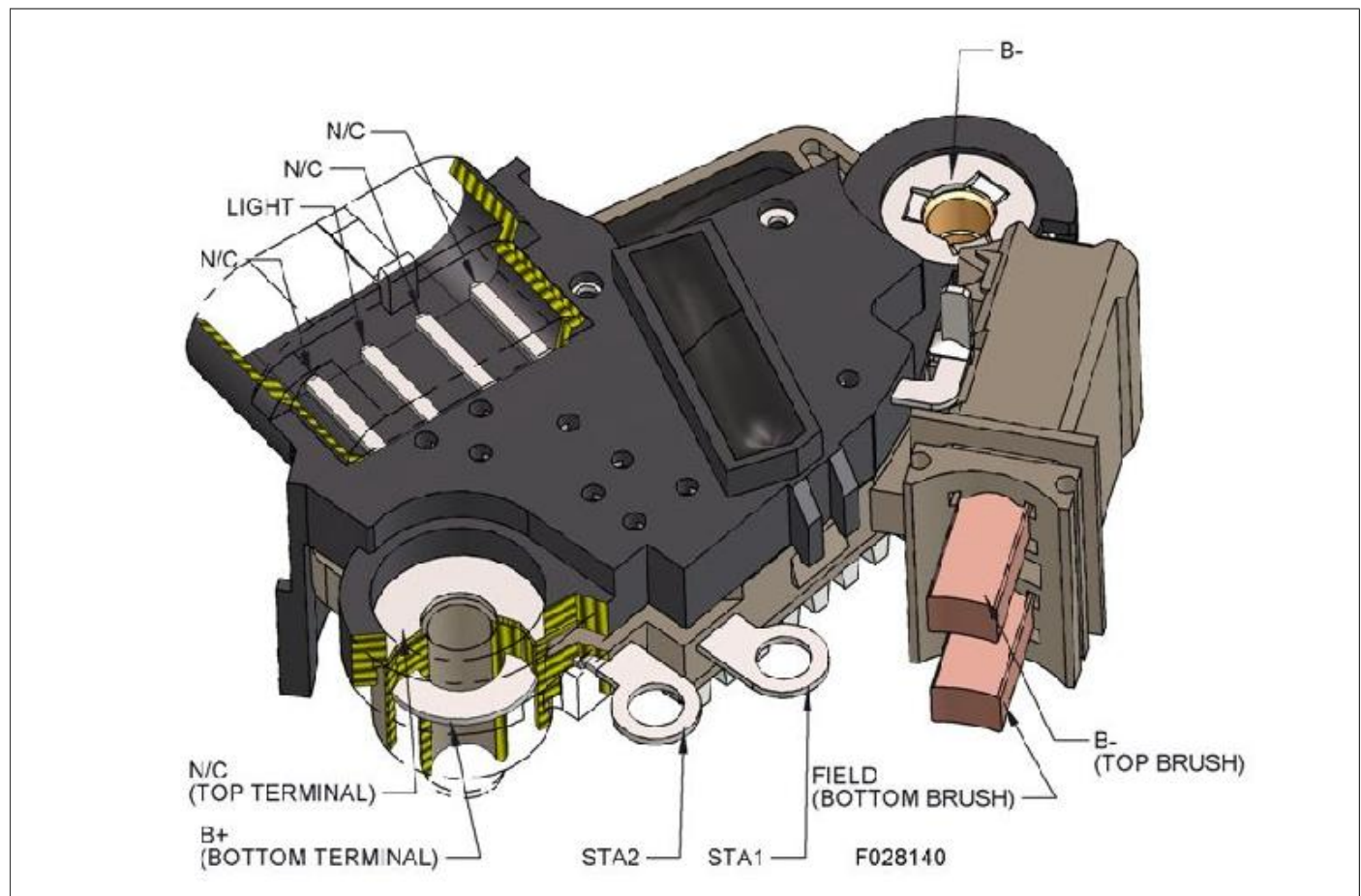
Note: Remove test lead from Ignition terminal, field light will stop flashing and voltage goes to 12V for (IW701) and 24V (IW700).

# TRANSCO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M515	B	12	14.8				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM529	A	12	*14.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

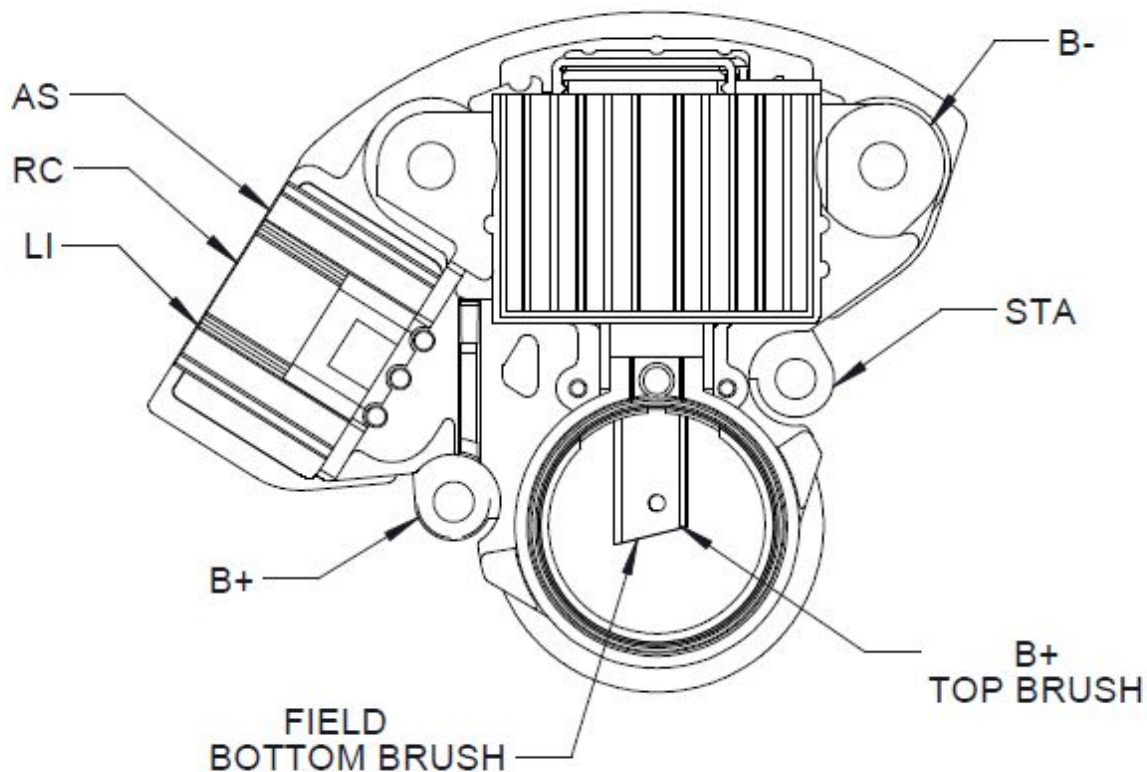
Use VRC2010 tester to complete RC voltage setpoint testing, Connect RC terminal to VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 12.9V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 14.8V.

\* The 14.0V Set Point indicate above is the 'default VSet' (no vehicle PCM input).



## TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D3587	B	12	13.8*				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect RVC terminal of D3587 to RCV terminal on tester. Connect FR terminal of D3587 to LI terminal on tester.

2. Adjust Comm Voltage switch to position 13, Setpoint is 11.8V.

3. Adjust Comm Voltage switch to position 14, Setpoint is 13.3V.

4. Adjust Comm Voltage switch to position 15, Setpoint is 14.7V.

- This is GM RCV type, 'Regulated Voltage Control' system regulator.
- Regulated Voltage Control is provided by the vehicle's PCM / ECU or GBCM (Generator Battery Control Module) via a digital 'PWM' signal applied to the regulator L-terminal.

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN369	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

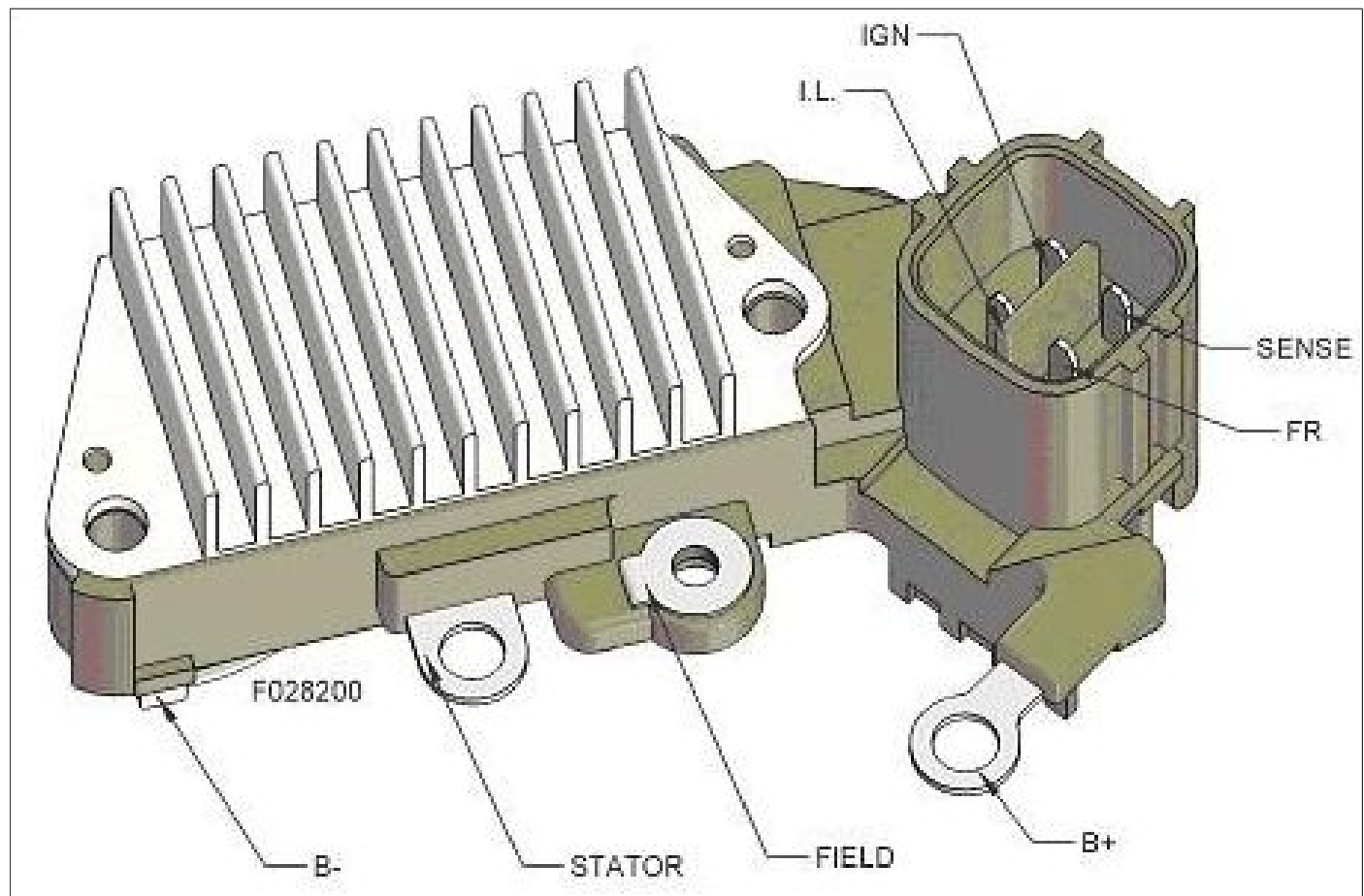
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

The FR terminal is not connected.

Disconnect the Sense terminal, the light should be ON, and the set point will read approximately 14.5 volts.

Push the Over Voltage button, the set point should read approximately 17.3 volts.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN317	A	12	14.35				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

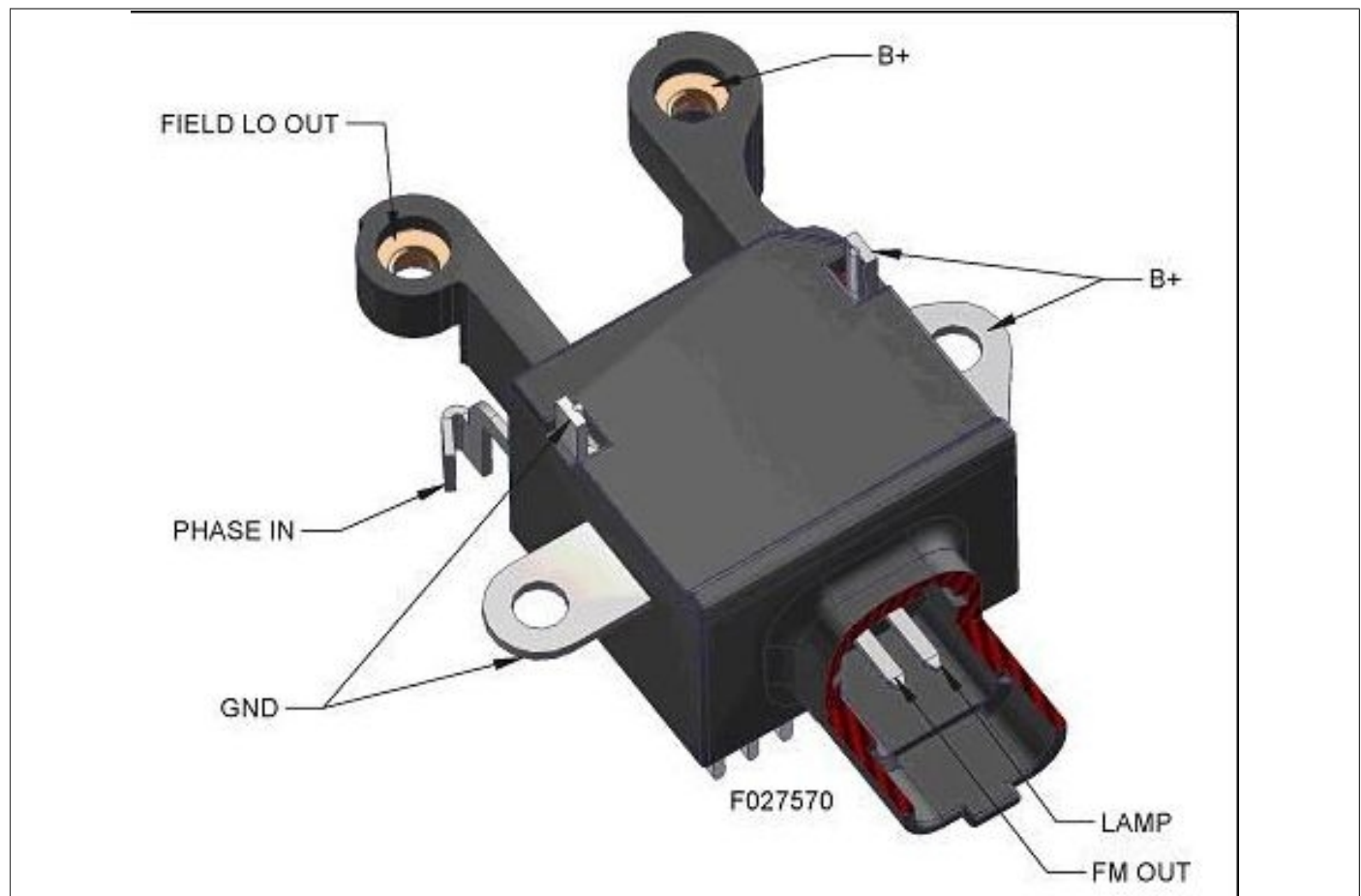
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

No connection to the FM Out terminal.

Push Over Voltage button, Light should turn ON, set point is approximately 17.2 volts.

Push Choke button, Choke Light should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM545	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

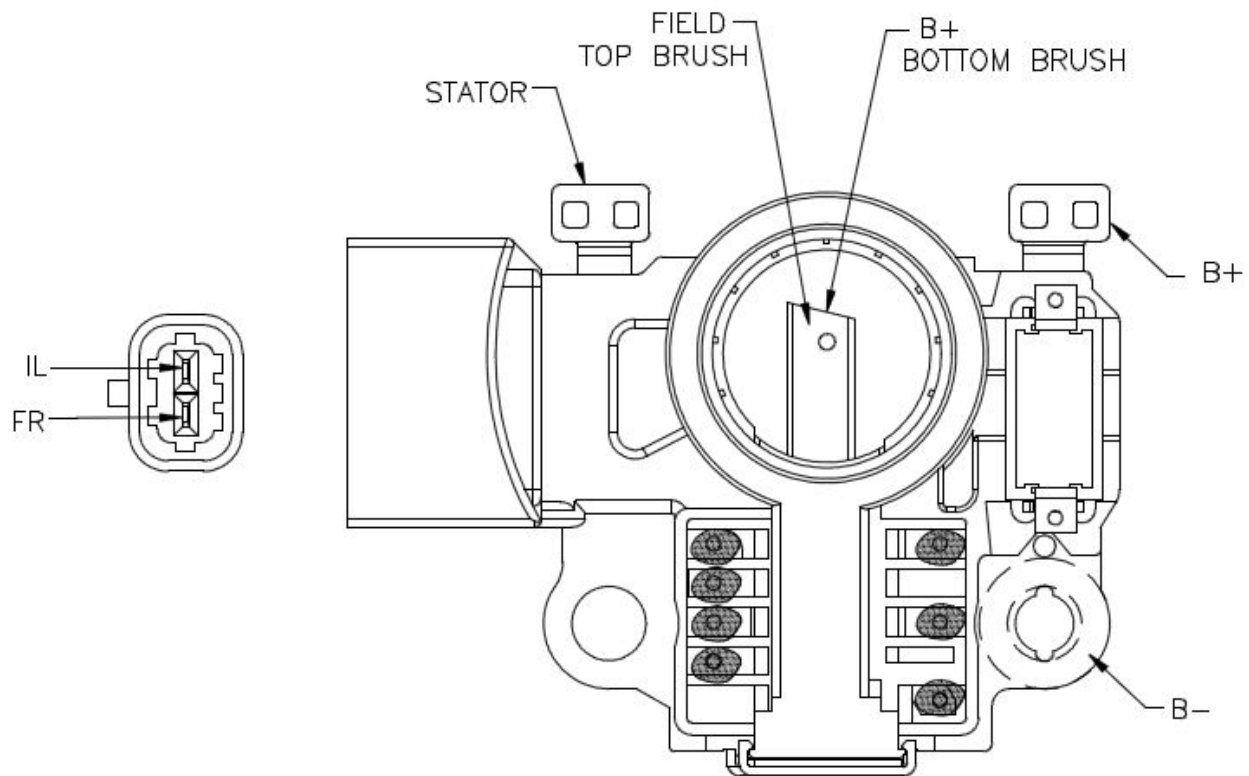
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Disconnect the Stator terminal and the Light should turn ON.

Reconnect the Stator terminal, push the Over Voltage button, the light should turn ON, the set point will be approximately 17.2 volts.





# TRANSPO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M526	B	12	14.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

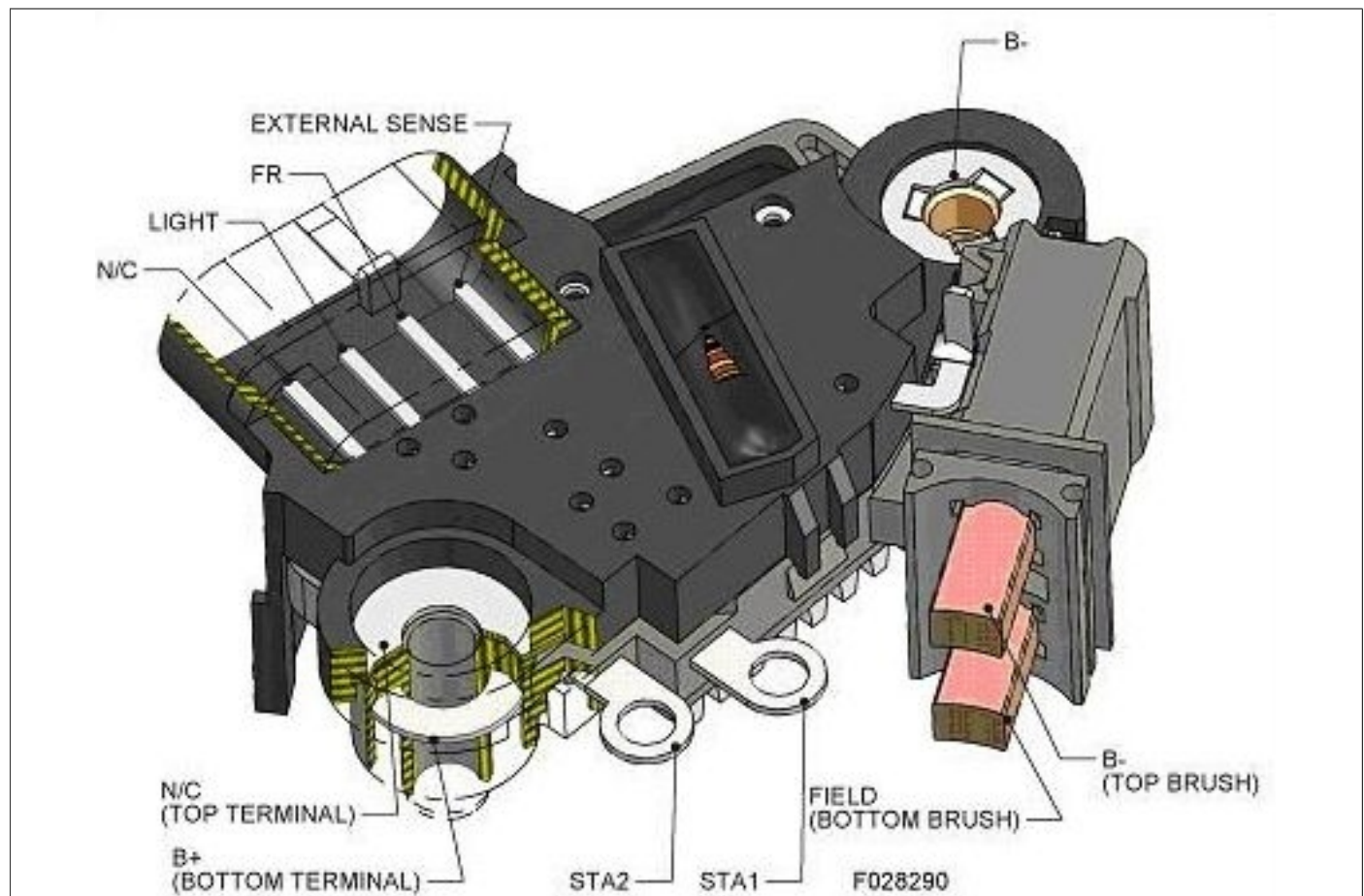
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

After applying power part requires about 10 seconds to start regulating. Must install a 1.5uF capacitor between Stator terminal #2 and B-. Attach VRC2010 Stator lead to Stator terminal #1.

Disconnect Sense lead and light turns ON. Push Choke button, choke light will turn ON.

Reconnect Sense lead and push Over Voltage button, light should turn ON, set point is approximately 17.3 volts.

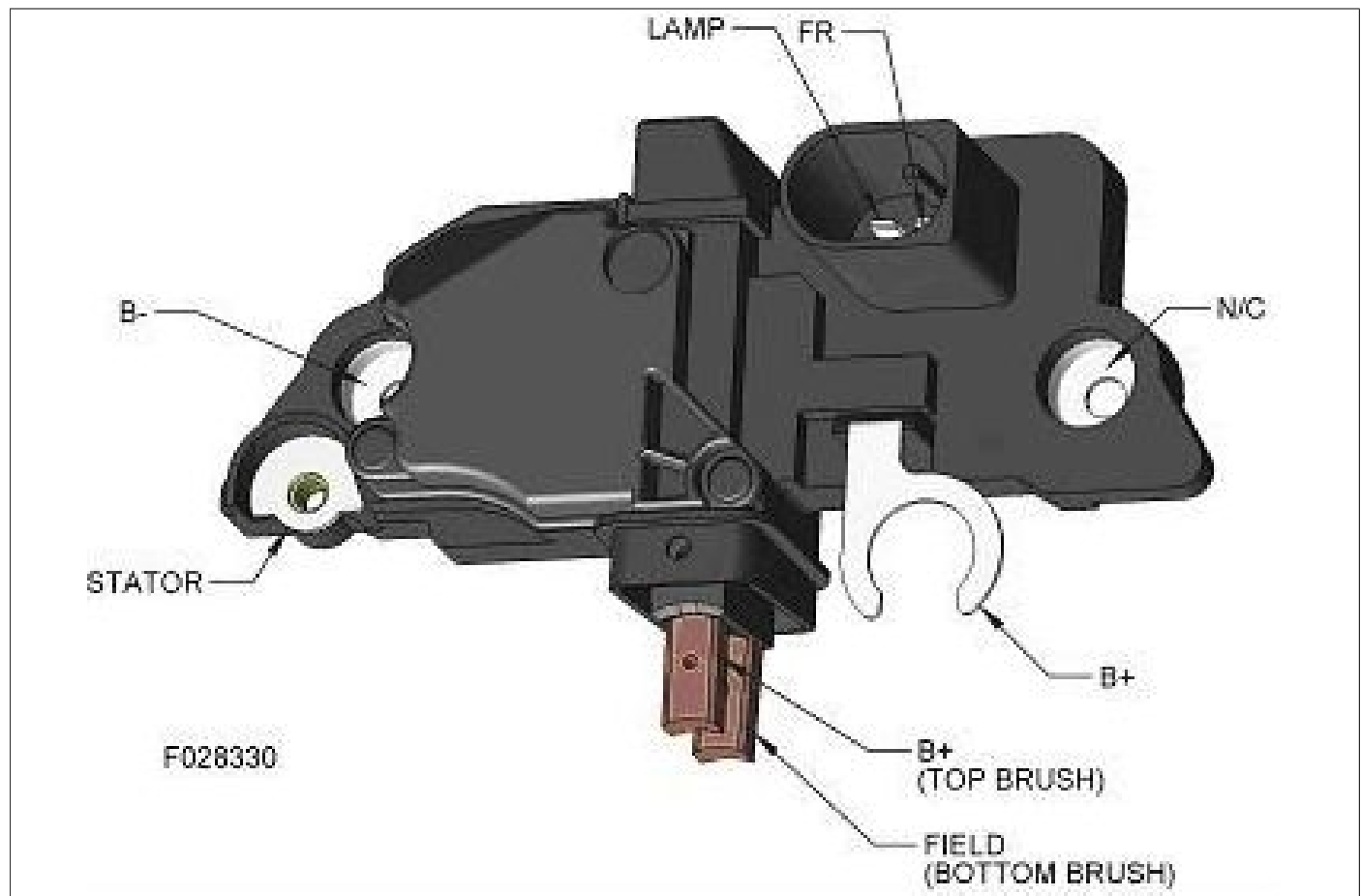


## TRANSCO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB206	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**
  - Do not connect FR terminal.
  - Push Choke button and Choke light should be ON.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM476	A	12	14.6				

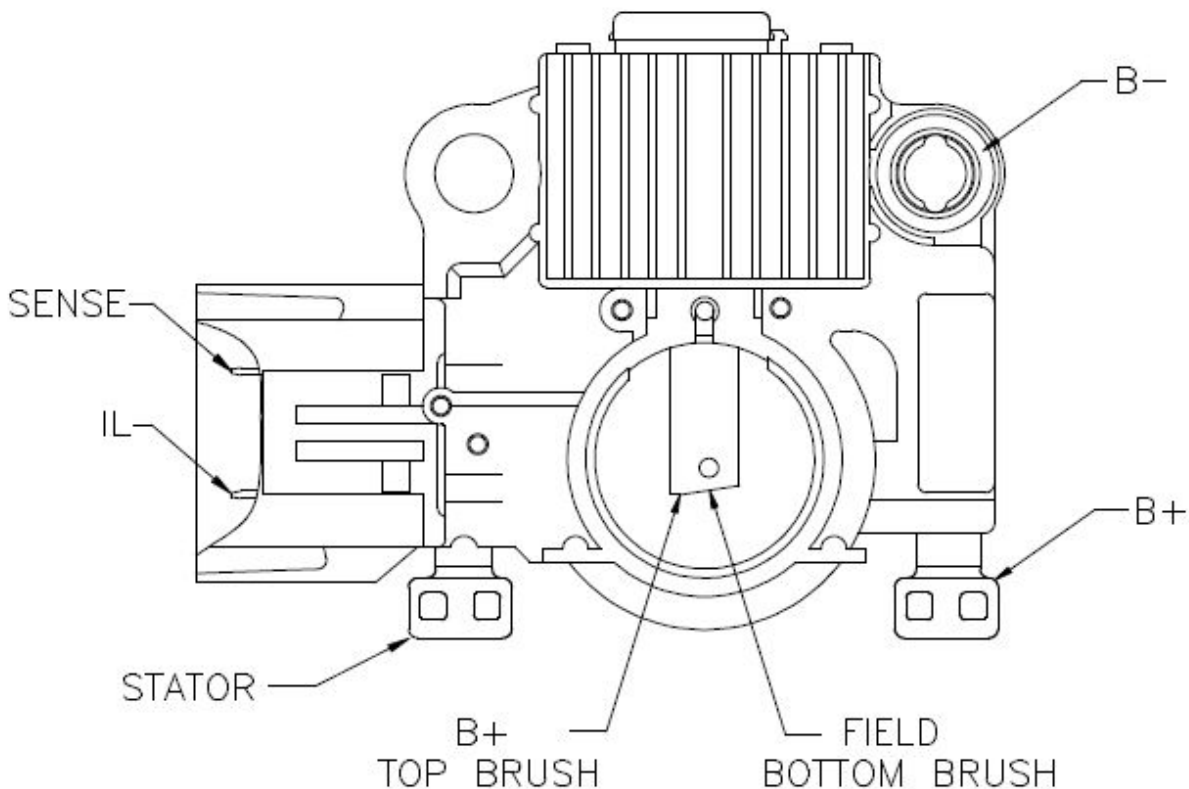
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect Sense lead and Light should turn ON. Set Point will be approximately 15.6 volts.

Reconnect the Sense lead and press the Over Voltage button. The light should be ON, and the set point will be approximately 17.3 volts.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN258	A	12	14.4				

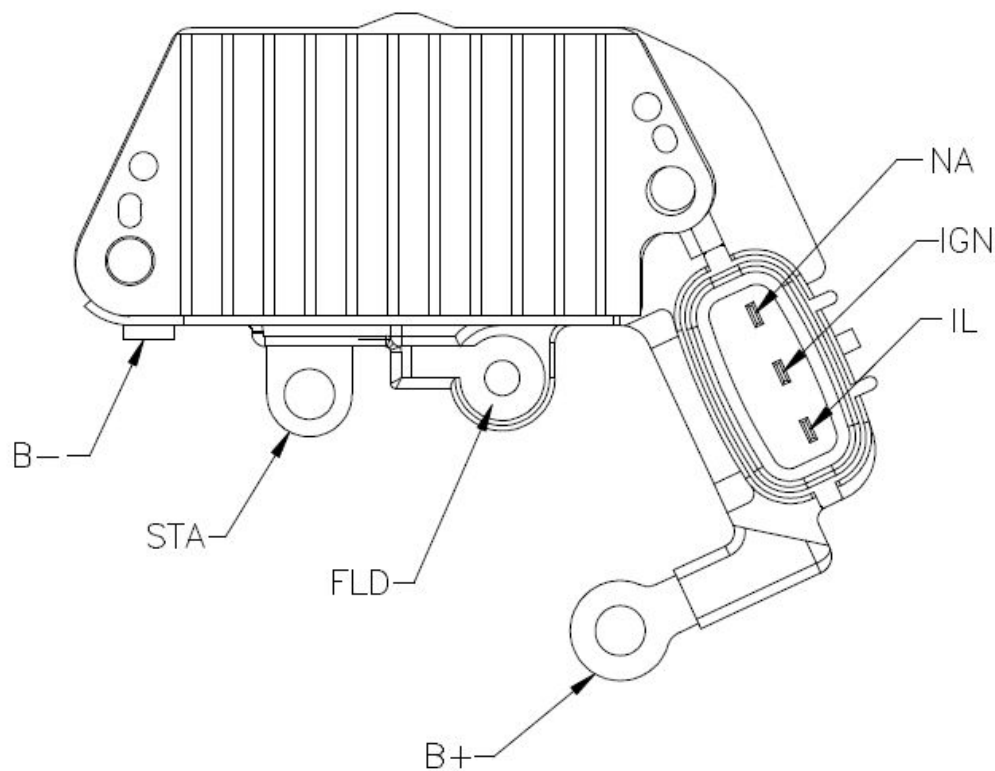
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

- When Ignition wire is disconnected from the regulator, VSet reading drops to default 12V.
- When both the Field and Stator connections are disconnected from regulator, lamp illuminates.

Note: This regulator's light circuit functions when a combined condition exists ... Loss of the Stator signal and B+ Voltage drops below 14.0V (approx).



- IN258 is an "A" circuit, low side drive regulator.
- D-IG-L Terminals (D = dummy / no function)
- VSet 14.4V (+/- 0.2V).
- Field rating 5-Amps.
- Ignition activated.

## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
in257	A	12	14.4				

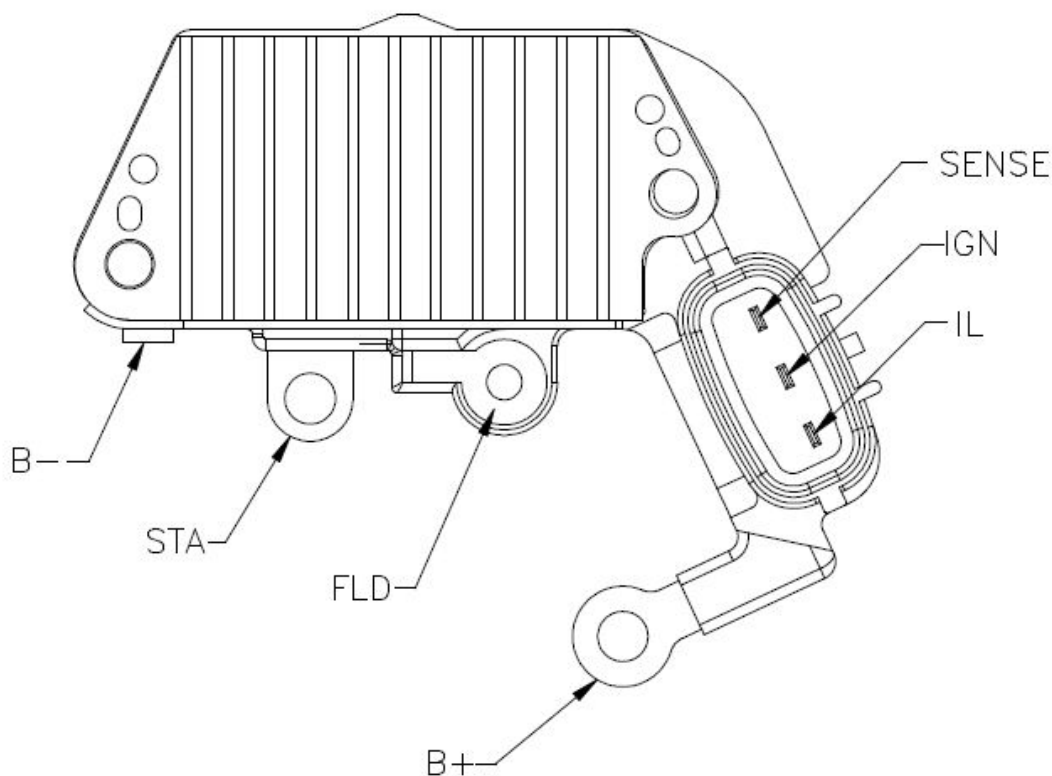
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove test lead from the terminal marked "\*\*". The indicator light will turn on and the meter will indicate approximately 12V and the field lamp will remain fully on (this is the soft start mode of the regulator).

**Using VRC2010:** To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.



NOTE on Stator: Transpo (White test lead) / OE (Red test lead)

**REFER TO PRODUCT GROUP IN-29, PAGE 341-A FOR REGULATOR'S DIAGRAM**

## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

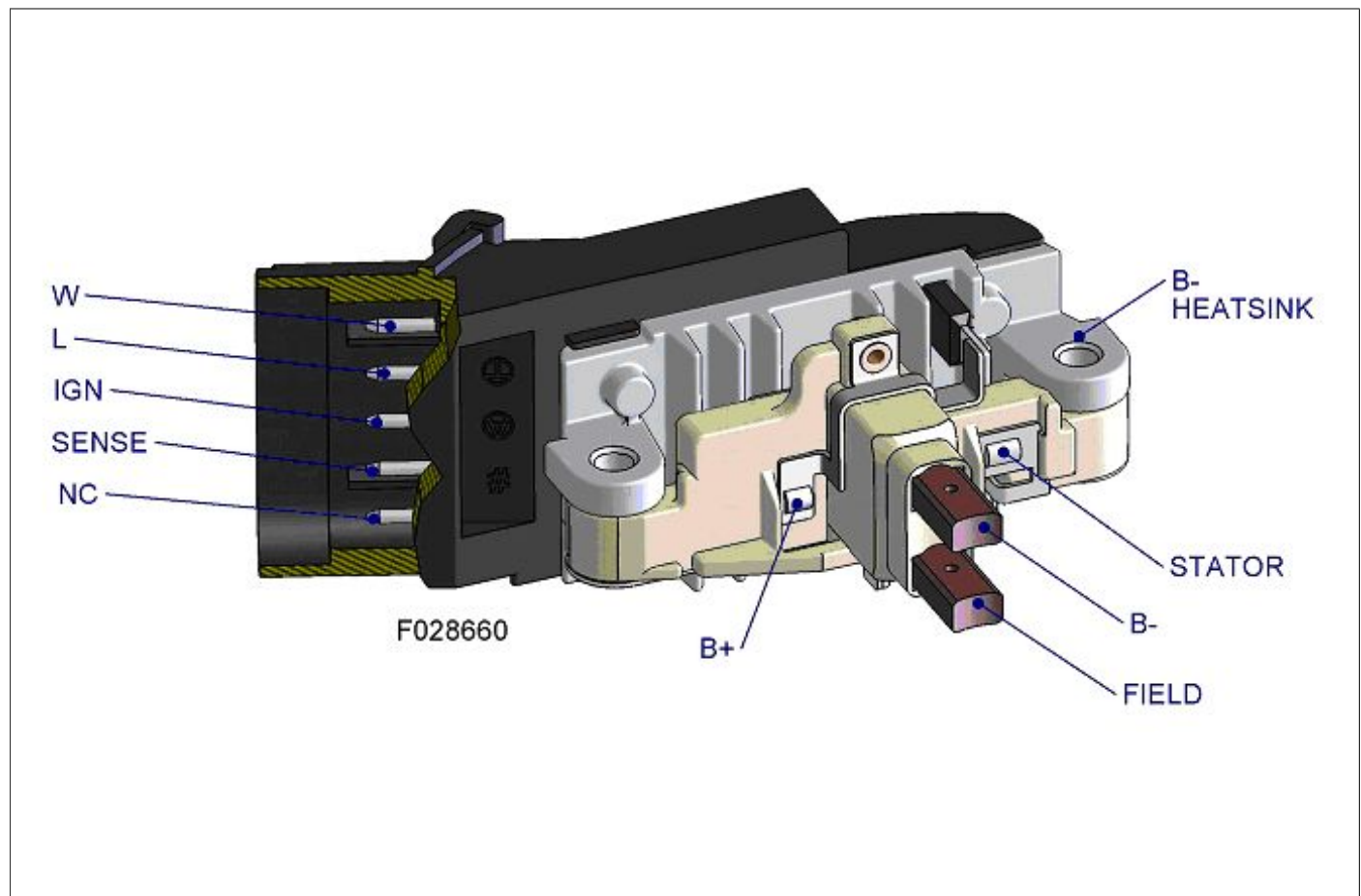
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB558	B	24	25.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Power On: Note Set Point on VRC2010 digital display; Disconnect Sense terminal and note set point reading should rise to approximately 28.5 volts.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

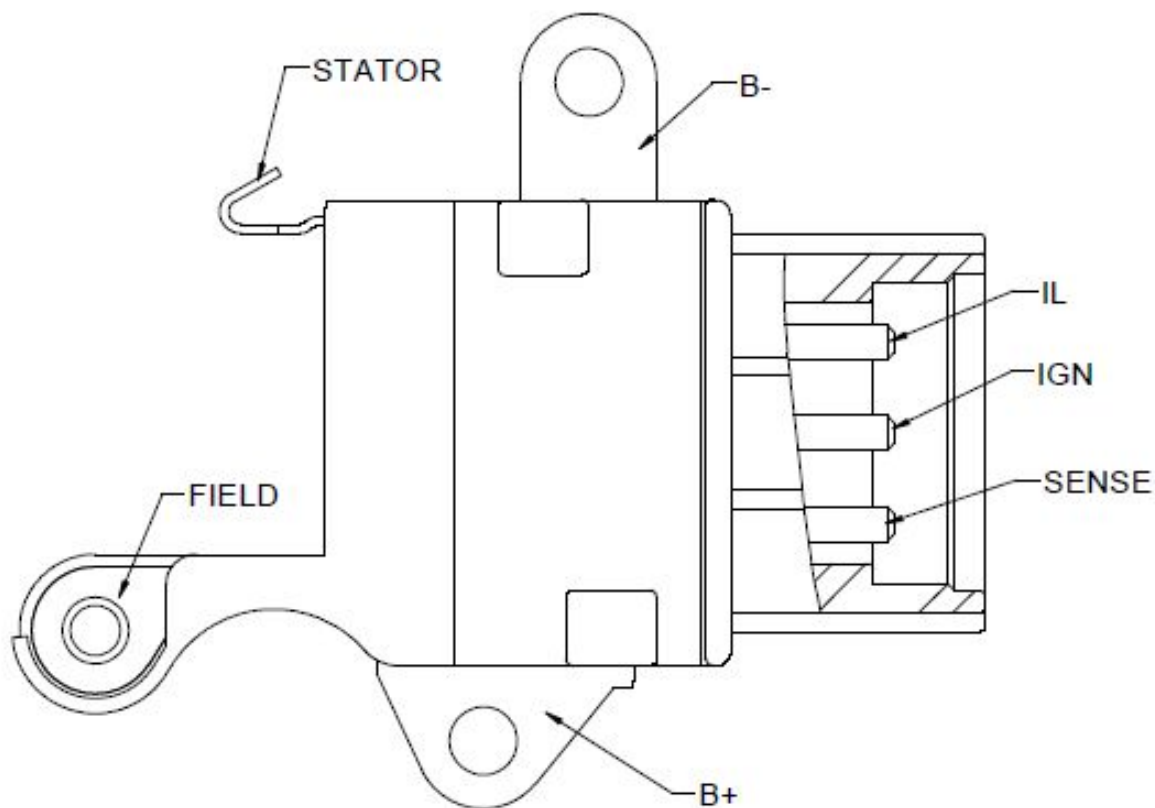
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6002	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

- Set Field Load Switch to 0.5 Amp only.
- Disconnect the Sense Lead and verify Light Turns On.
- No over voltage lamp



- S-IG-L Terminals
- Ignition Activated
- Without LRC
- Standard Lamp – No Output

## TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

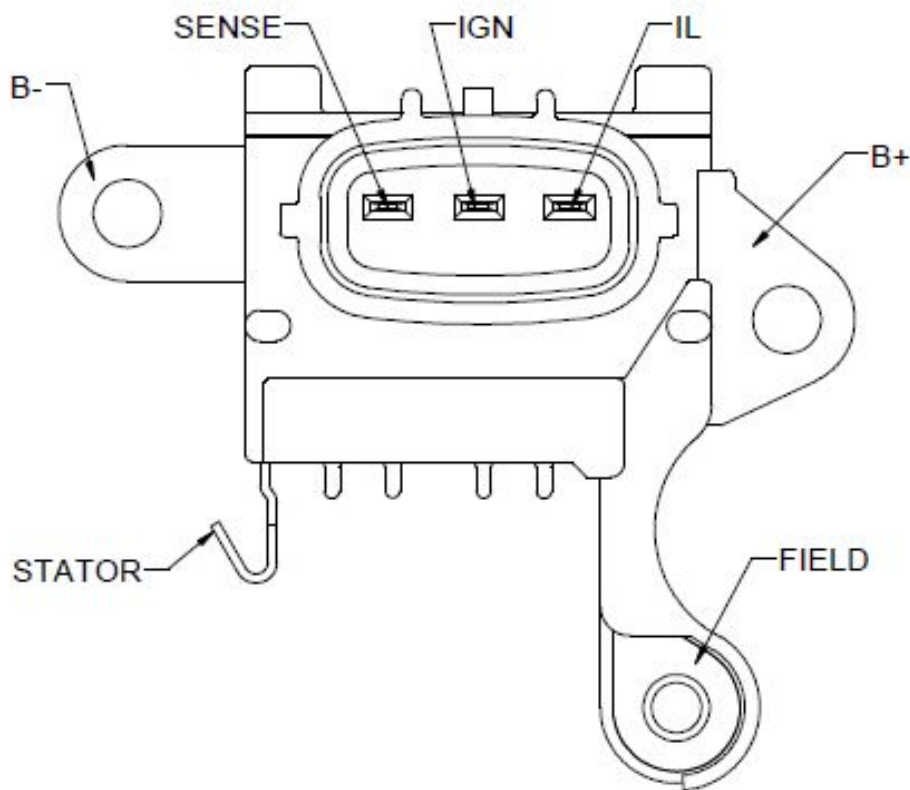
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6001	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- Set Field Load Switch to 0.5 Amp only.
- Disconnect the Sense Lead and verify Light Turns On.



- S-IG-L Terminals
- Ignition Activated.
- Without LRC
- Active Lamp – With Output

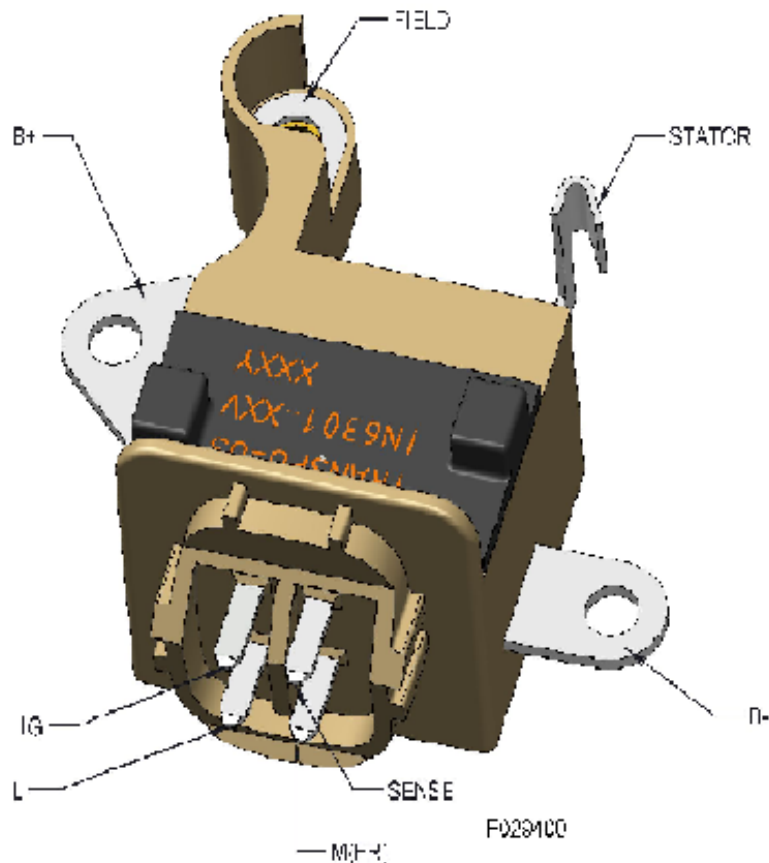


# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6301	B	12	14.1				
IN6301CN	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**
  - Set Field Load Switch to 0.5 Amp only.



- IG-S-L-M(FR) Terminals
- Ignition Activated
- LRC 6-Seconds, Full Range
- Multi-Step TempCo
- Standard Lamp – No Output

## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

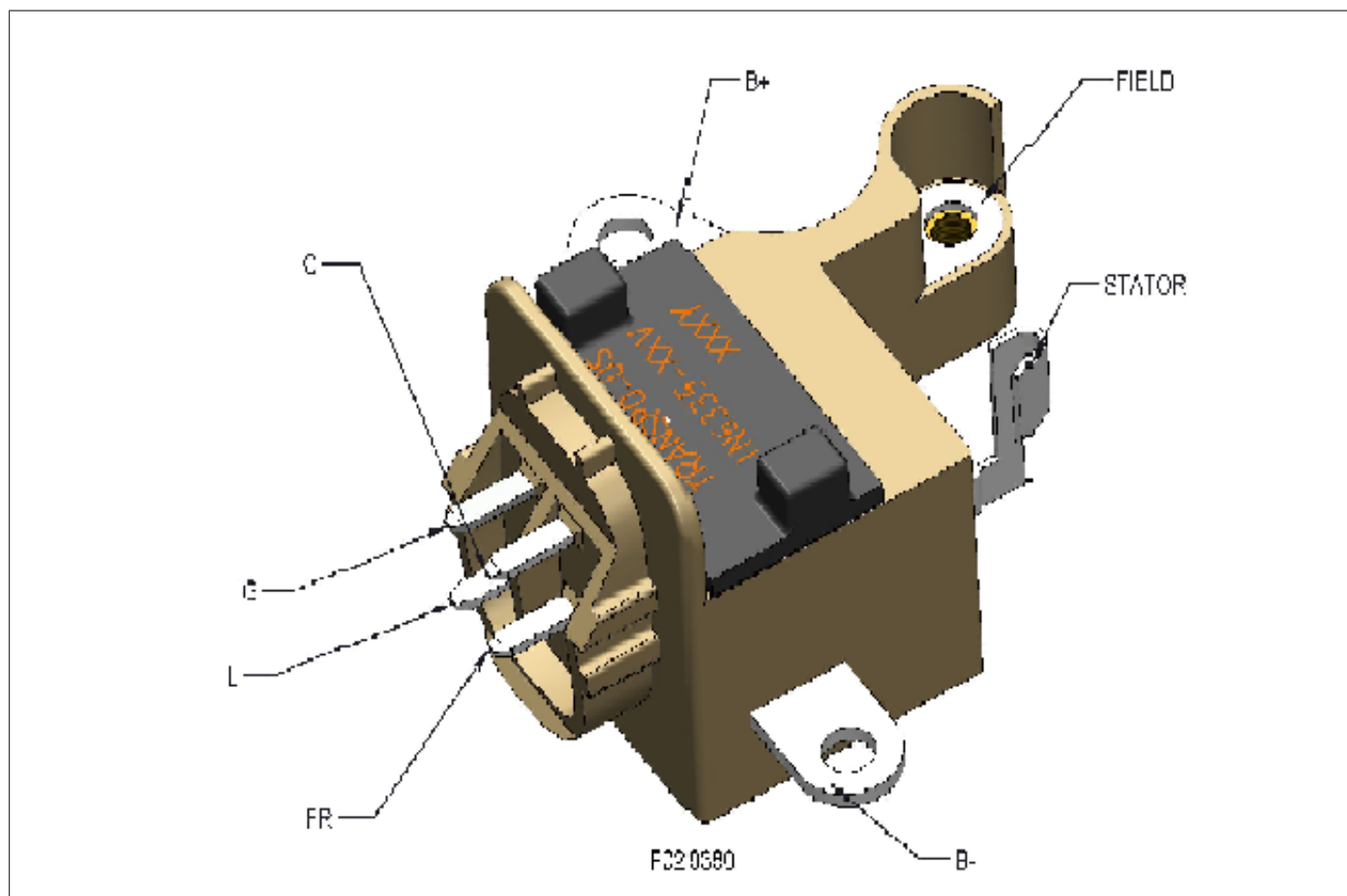
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6335	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- Set Field Load Switch to 0.5 Amp only
- Connect the C Terminal to B-, the set point should drop to 12.7 Volts
- Remove Stator wire and the Light should turn ON



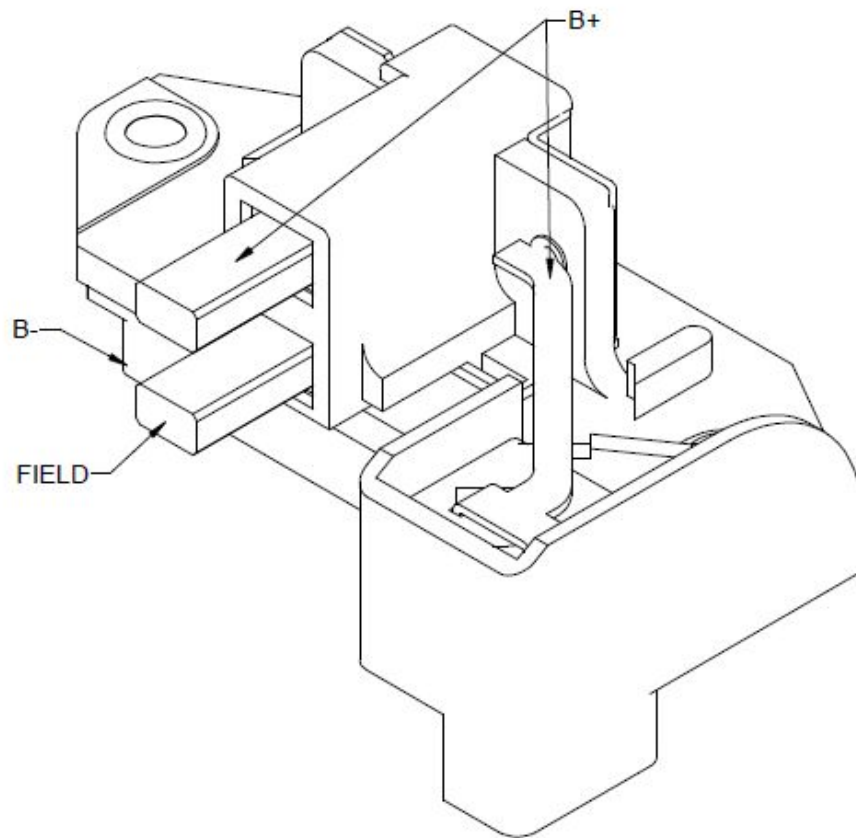
- IG-C-L-FR Terminals • Ignition Activated • LRC 11-Seconds (to 400HZ)
- Standard Lamp – No Output
- Due to the long delay, automatic spin bench testers should be setup to be in the 'Wait Always' mode. Not doing so may result in an inaccurate performance reading.

## TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX110CN	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

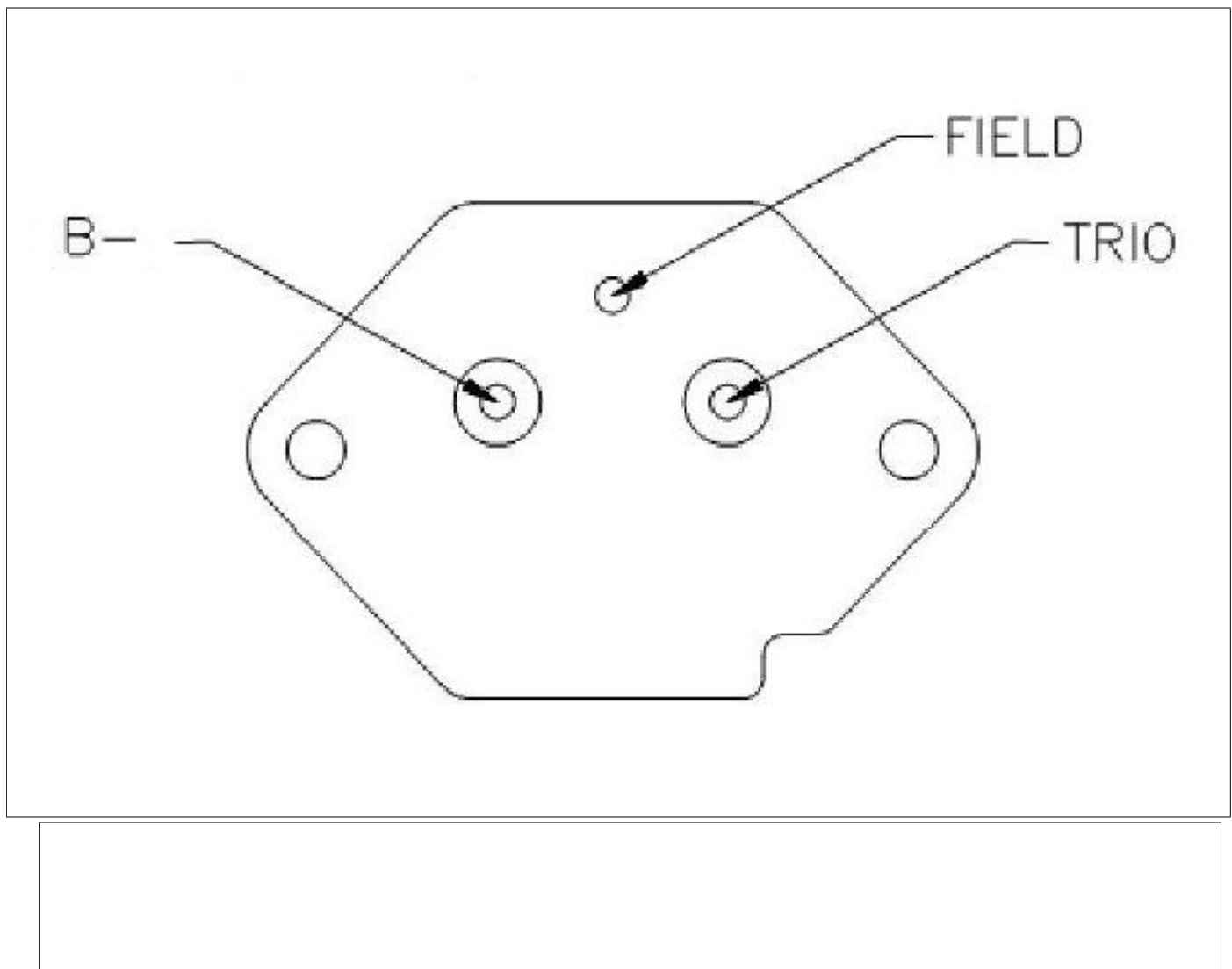


## TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M3118C	A	24	28.5				
M3118	A	24	28.0				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB236	A	12	14.4				

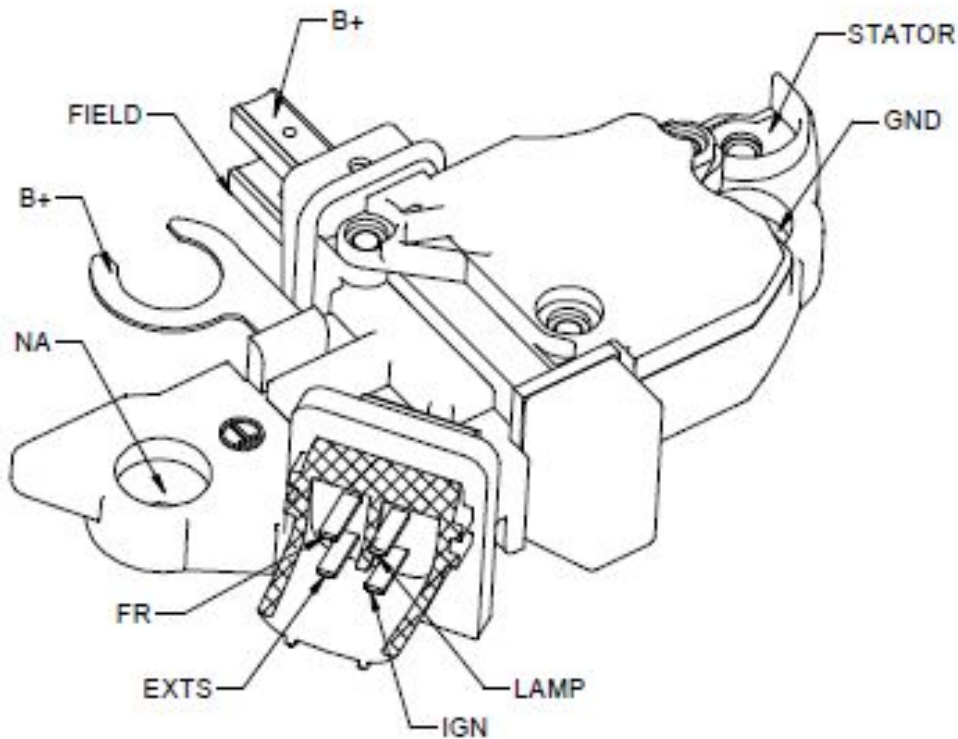
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove White Test Lead from Stator, Lamp Light comes on and Field Light stay on.

Remove Green Test Lead from Light terminal, Lamp Light and Field Light turn off.



•IG-S-L-DFM Terminals • With LRC 5-Seconds • External Sense(EXTS) • Ignition Activated but will Lamp Activate and Stator Start • Active Lamp Function -With Output • Field, Lamp, Choke Short Circuit Protection

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

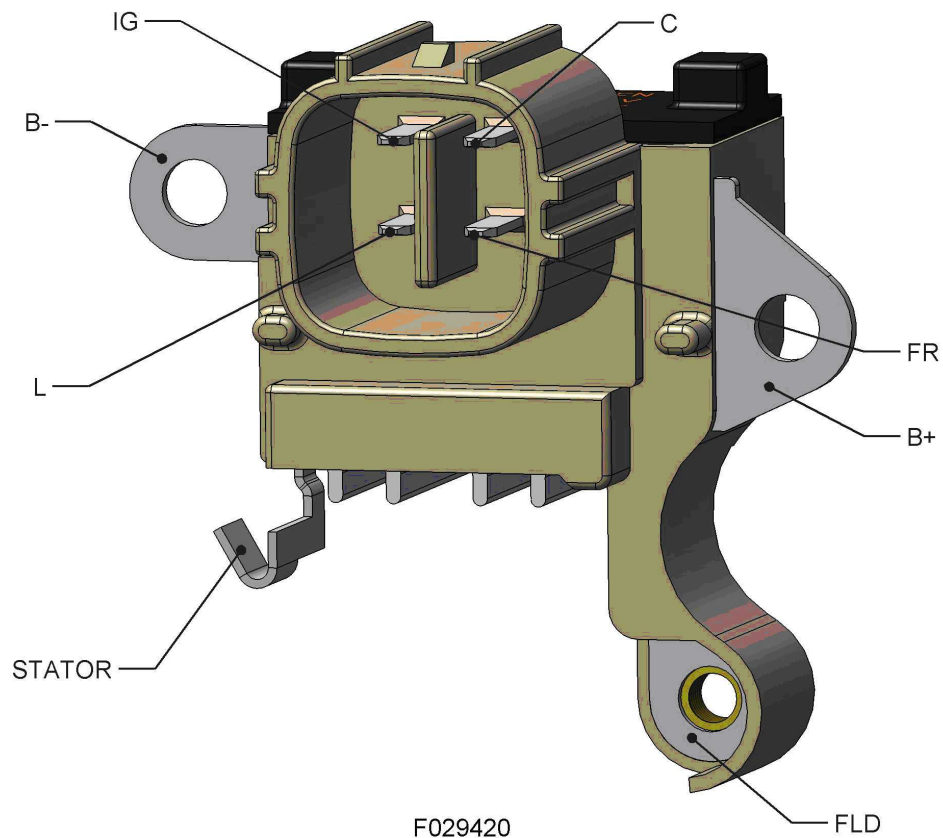
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6004	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- Set Field Load Switch to 0.5 Amp only
- \* Connect C terminal to B-, verify Set-Point is 12.8 V +/- 0.2V



F029420

- IG-C-L-FR Terminals
- Standard Lamp Function - No Output
- No Output LRC

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

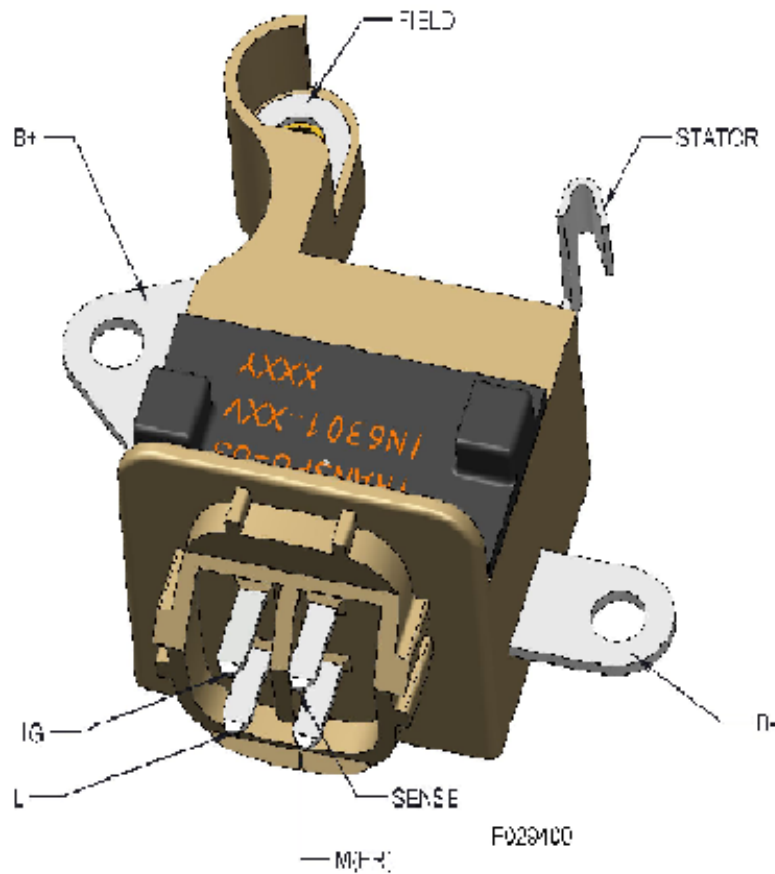
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6302	B	12	14.1				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

- 1.Set Field Load Switch to 0.5 Amp only.
- 2.This regulator is not tested for Over Voltage Lamp or Loss of Sense
- 3.The RLO Function is similar to the RC control function found in PCM controlled Ford 6G systems and GM RVC systems. When the vehicle ECM takes command of the regulator's RLO circuit, the alternator Voltage follows the PWM signal duty cycle; the regulation Voltage will range between 11.80V and 14.99V as needed



- IG-RLO-L-M Terminals
- Ignition Activated
- LRC 6-Seconds, Full Range
- Multi-Step TempCo (unless in RLO mode)

# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D4476	B	24	28.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

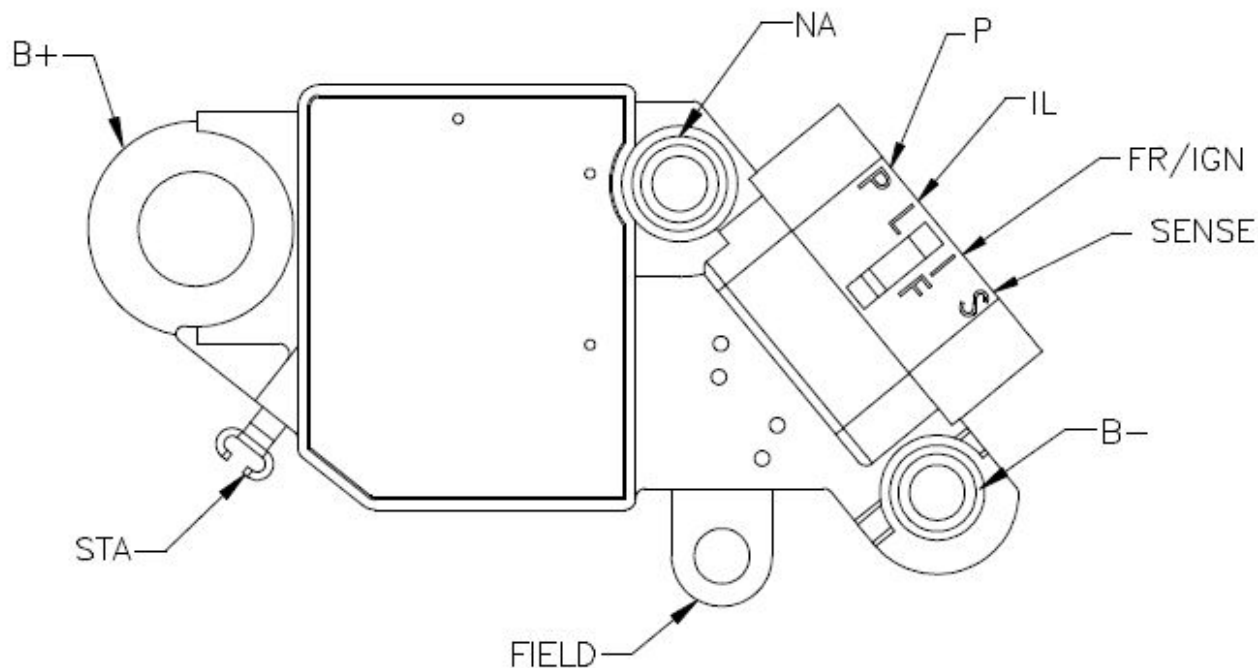
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect Sense Lead, verify the setpoint is 28.0+/-0.2v, also verify the the Light is on.

Disconnect Stator Lead, verify the Light is on and the part stops function.

Push the OVER VOLTAGE button and verify the Light is on.



D4476 is Stator Activated.

Load AMP switch is 0.5 position only.



# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D4152	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

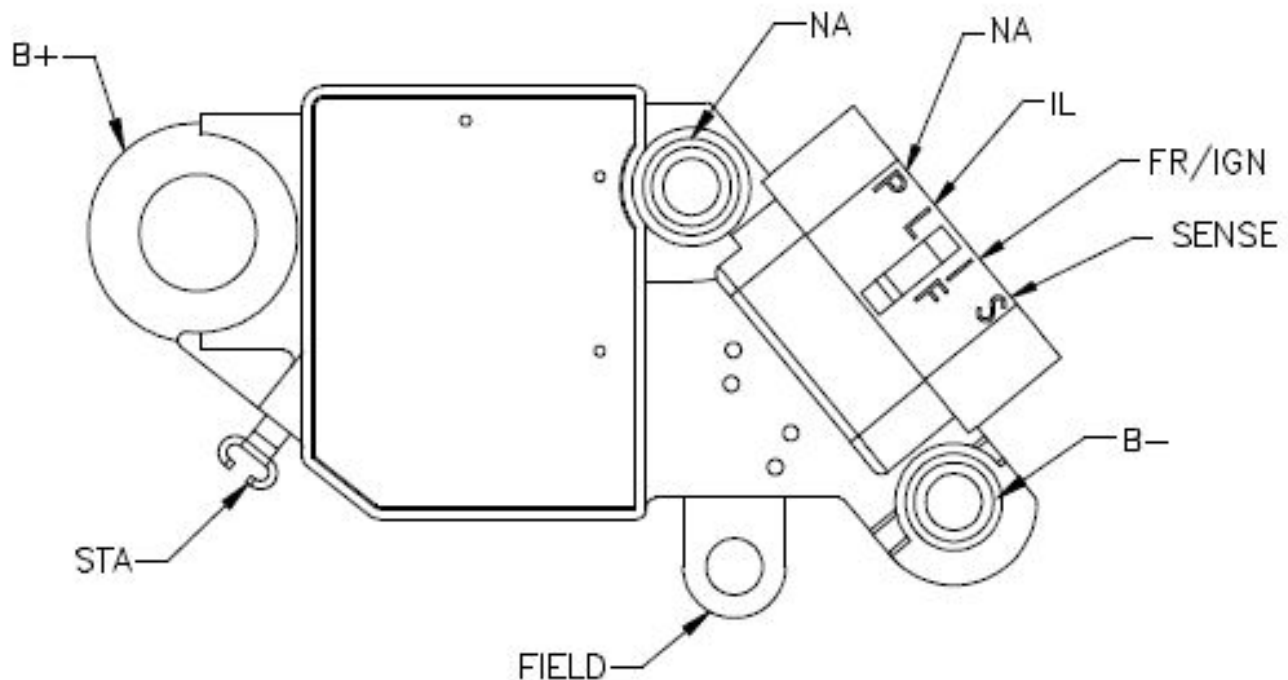
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect Sense Lead and verify the setpoint is 14.2+/-0.2v.

Disconnect Stator Lead and verify the Light is on.

Push the OVER VOLTAGE button and verify the Light is on.



D4152 is Stator Activated.  
Load AMP switch is 0.5 position only.

# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB520	A	12	14.1				

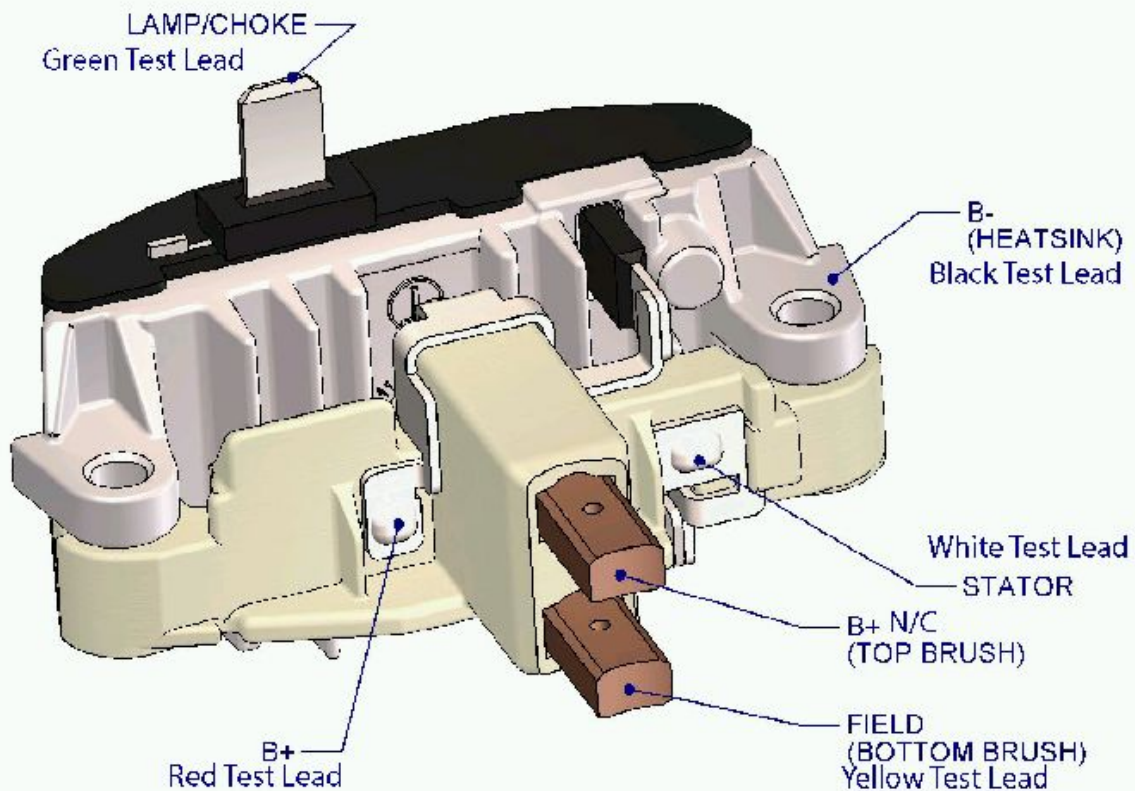
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect Stator Lead and verify the Light is on.

Push the CHOKE DRIVE button and verify the CHOKE DRIVE lamp is on.



IB520 is Stator Activated.

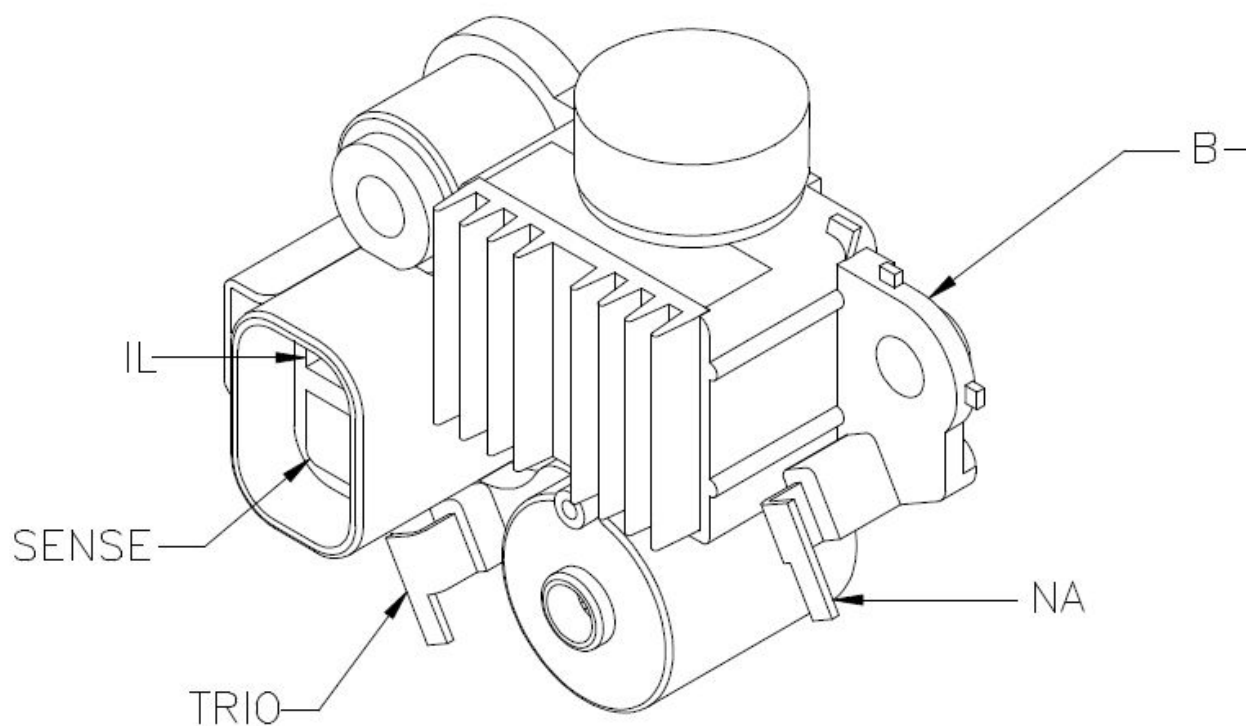
Load AMP switch is 0.5 position only.

# TRANSCO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY028	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

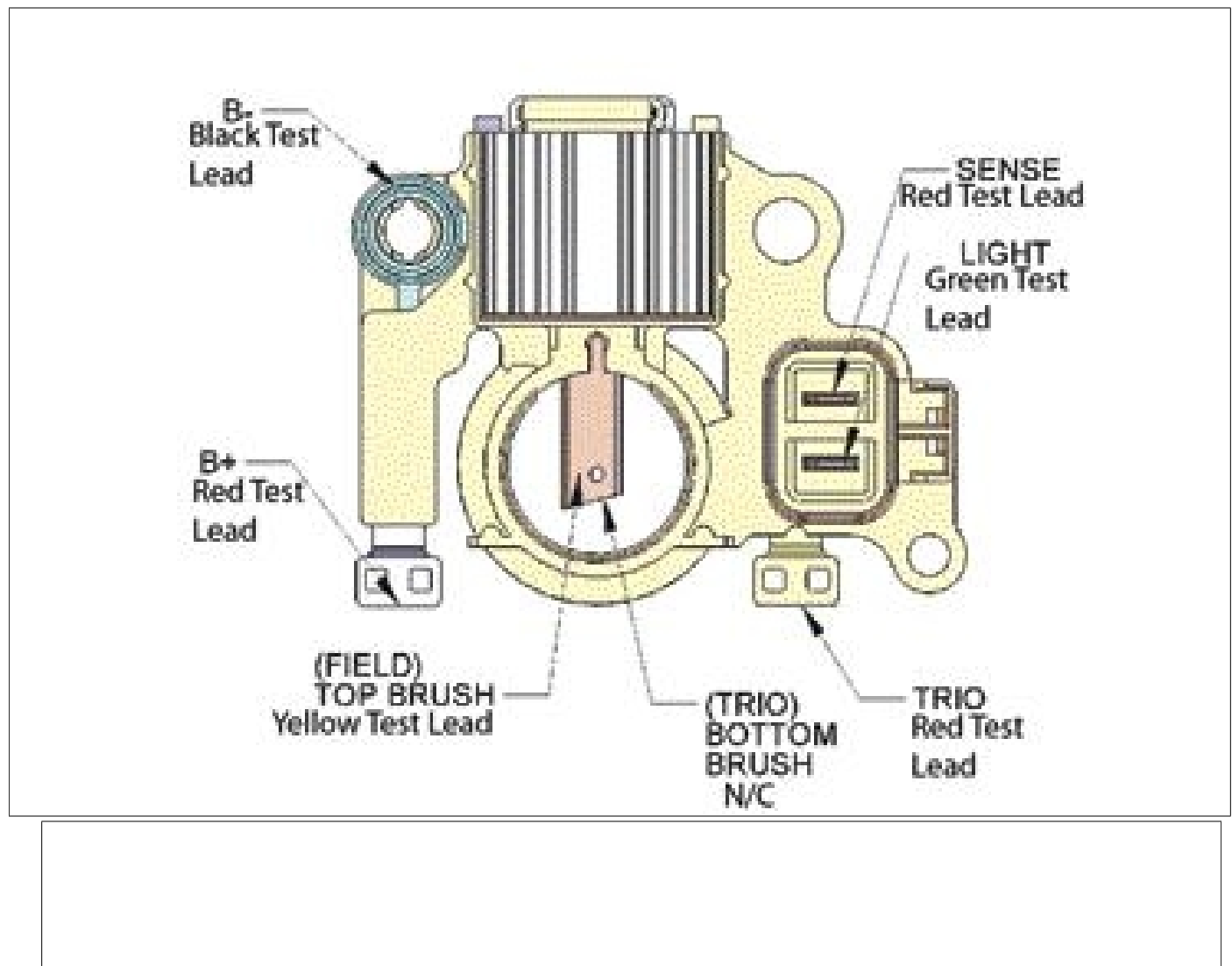


## TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM854	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnecting Sense turns light on.

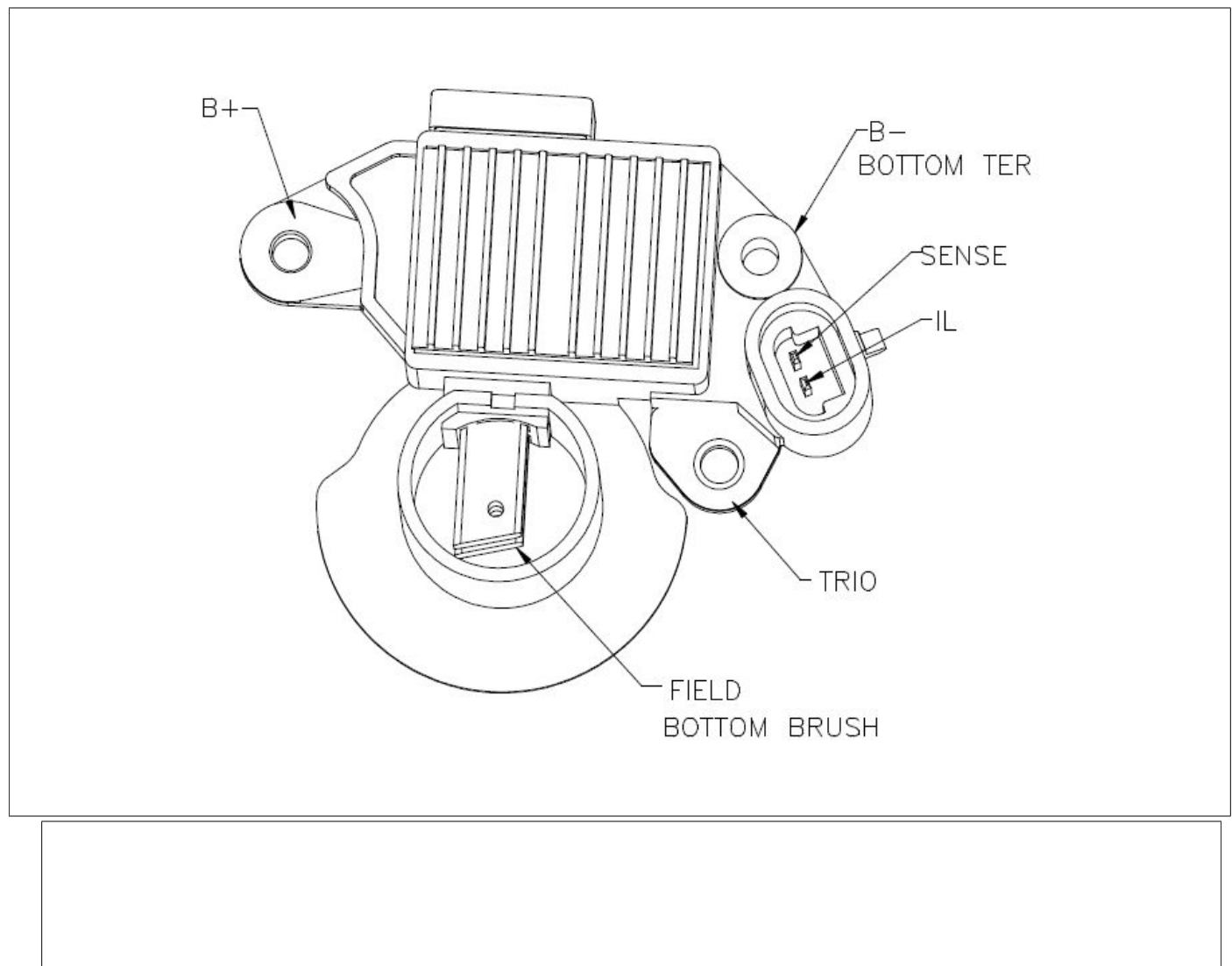


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D840	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**
  1. Disconnect Sense, the part stops regulating and the voltage goes down to 12.0v.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

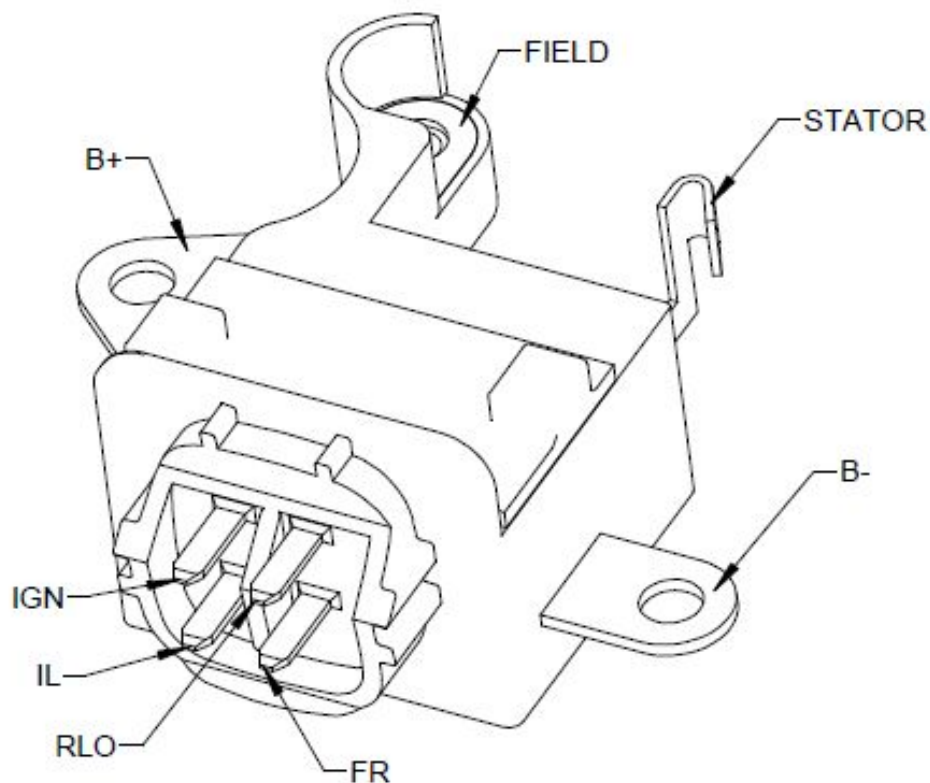
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6322	B	12	14.1				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- Set Field Load Switch to 0.5 Amp only.
- No Over Voltage Lamp
- No RLO terminal test default voltage test only



- IG-RLO-L-M Terminals
- Ignition Activated
- LRC 6-Seconds, Full Range
- Multi-Step TempCo (unless in RLO mode)

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

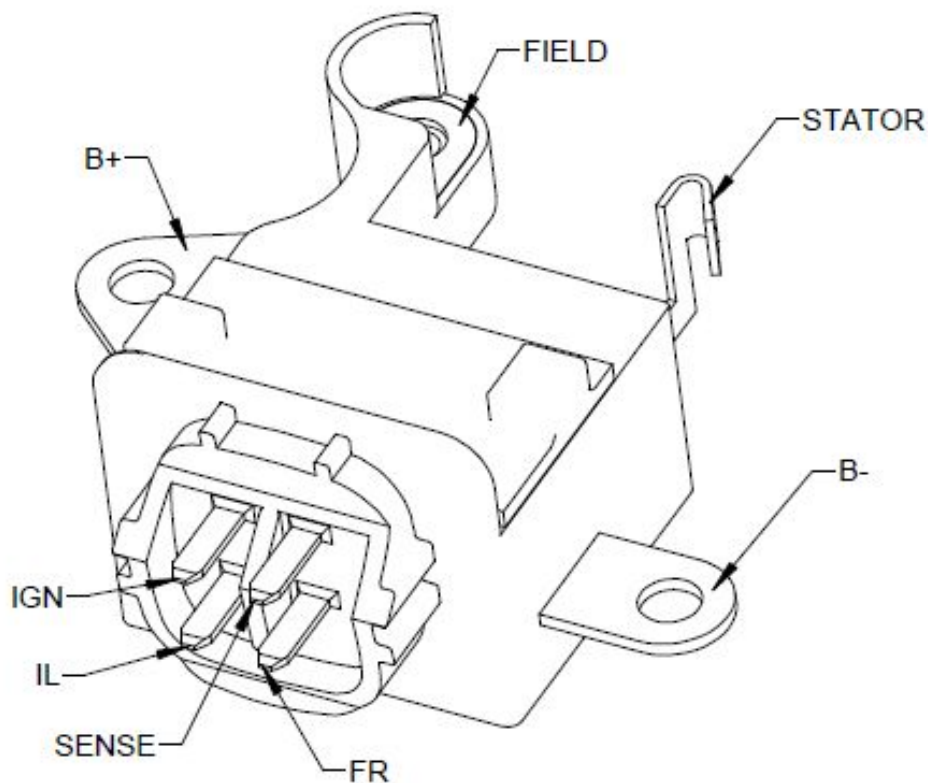
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6304	B	12	14.1				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- Set Field Load Switch to 0.5 Amp only.
- Disconnect the Sense Lead and verify Light Turns On (slight delay), reconnect Sense Lead.
- Disconnect Ignition Lead, voltage goes to 12 volts, Field Light turns off and Lamp Light turns off.



- IG-S-L-M(FR) Terminals
- Ignition Activated
- LRC 6-Seconds, Full Range
- Multi-Step TempCo
- Standard Lamp – No Output

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

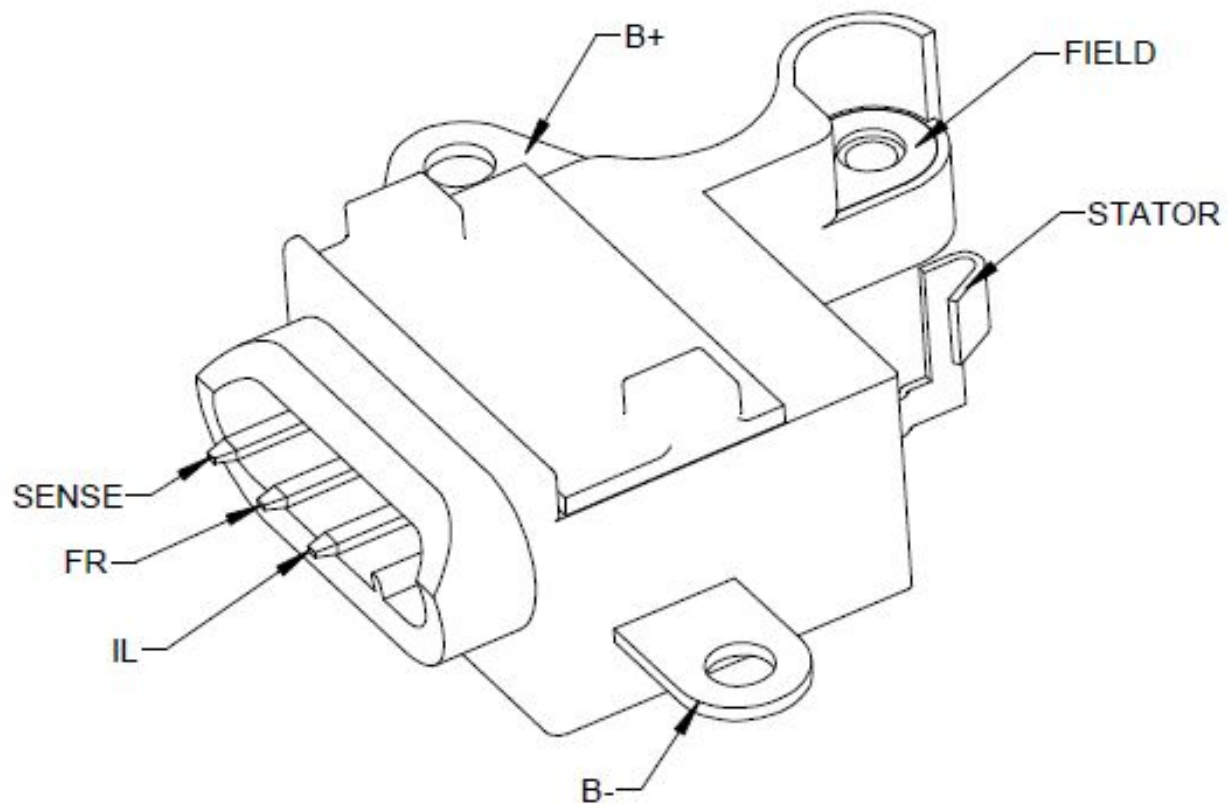
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6003	B	12	15.0V				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- Set Field Load Switch to 0.5 Amp only
- Disconnect the Sense Lead and verify Light Turns On with Delay
- This Regulator without Over Voltage Lamp Indication



- S-F-L Terminals
- Stator Activated.
- LRC 9-Seconds (to 400HZ)
- Standard Lamp – No Output



## TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

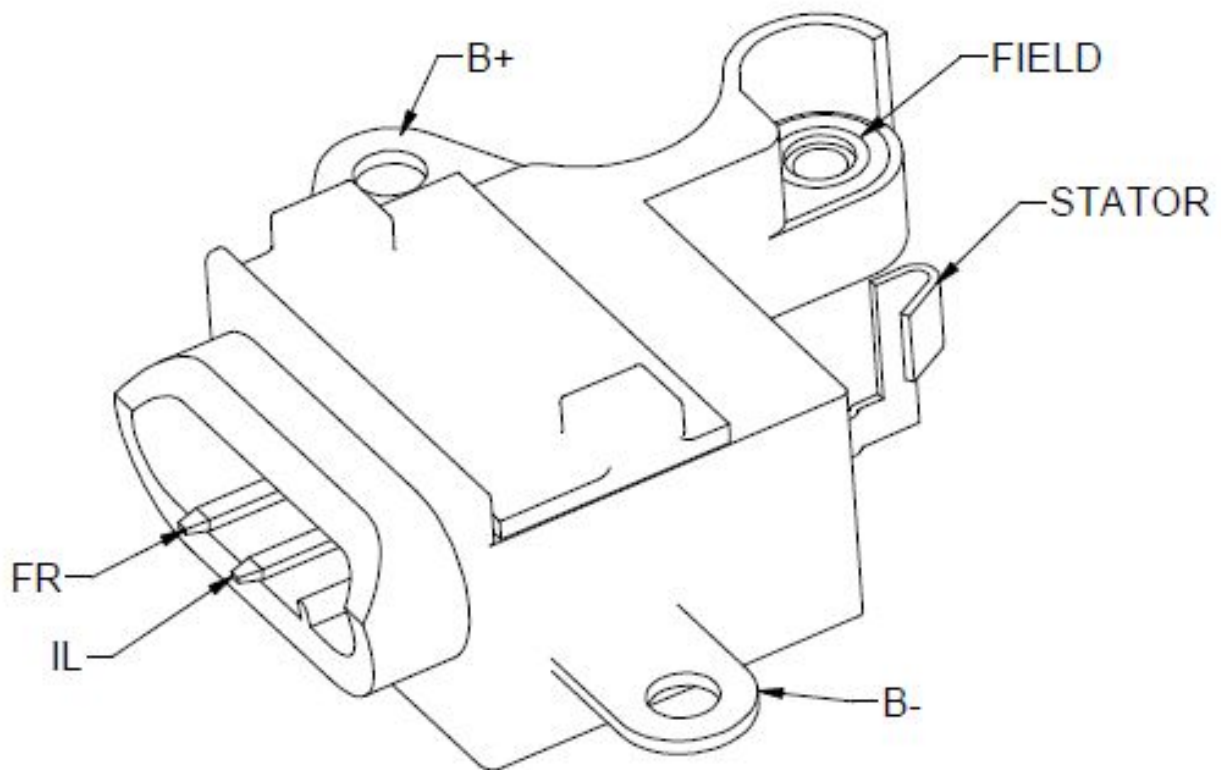
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6009	B	12	14.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- Set Load Amperage Switch to 0.5 Position Only
- No over voltage lamp
- Regulator without Over Voltage Lamp Indication



- F-L Terminals
- Lamp Activated.
- LRC 2-Seconds (to 400HZ)
- Standard Lamp Function – No Output

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6304	B	12	14.1				

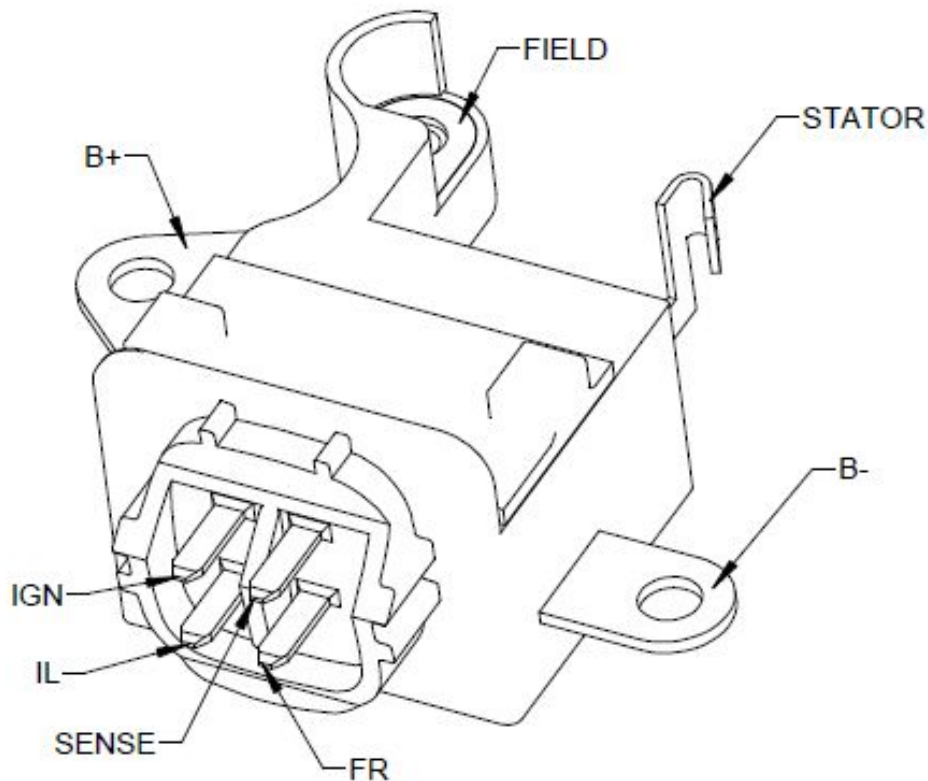
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- Set Field Load Switch to 0.5 Amp only.
- Disconnect the Sense Lead and verify Light Turns On

*... Need to verify all !!!!*



- IG-S-L-M(FR) Terminals
- Ignition Activated
- LRC 6-Seconds, Full Range
- Multi-Step TempCo
- Standard Lamp – No Output

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB314	B	12	13.8*				
IB696	B	12	13.8*				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

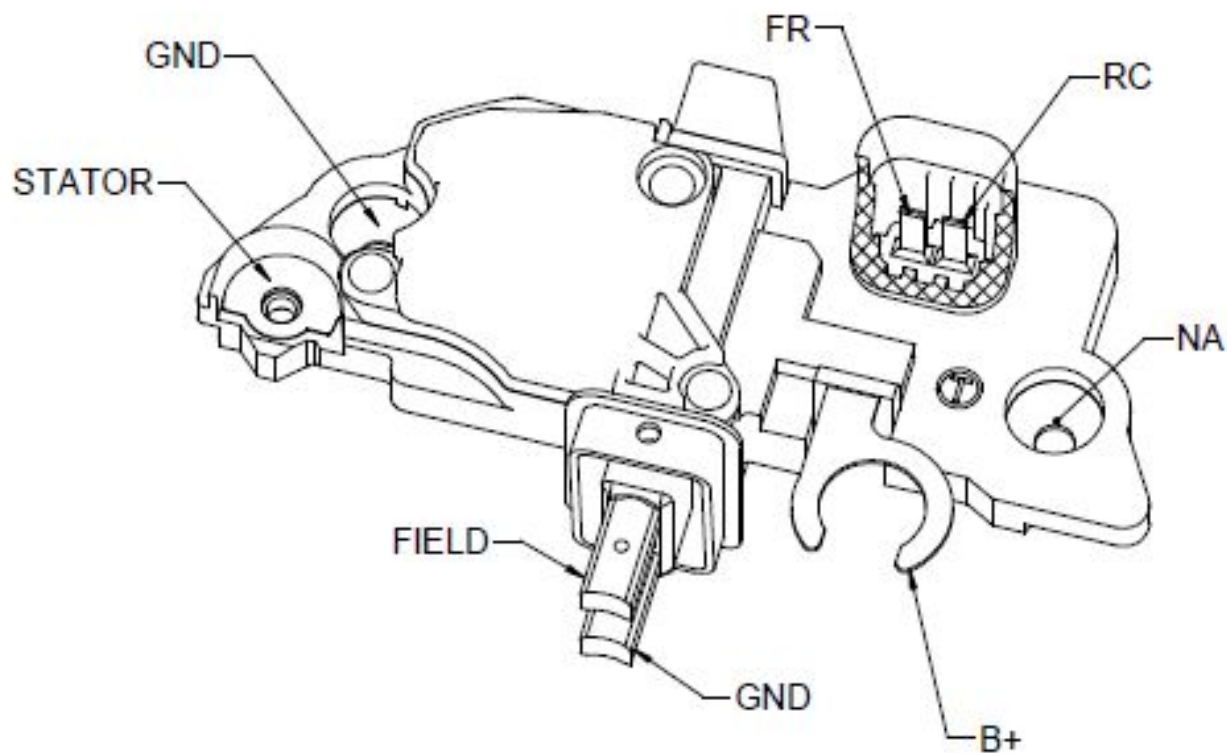
Use VRC2010 tester to complete RC voltage setpoint testing, Connect RC terminal to VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 11.8V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 13.3V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 14.4V.

Note: The Voltages listed above are approximate and may not exactly match your meter read out.



- This is an RVC type, 'Regulated Voltage Control' system regulator.
- Regulated Voltage Control is provided by the vehicle's PCM / ECU or GBCM (Generator Battery Control Module) via a digital 'PWM' signal applied to the regulator L-terminal.

# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB231	A	12	14.5				

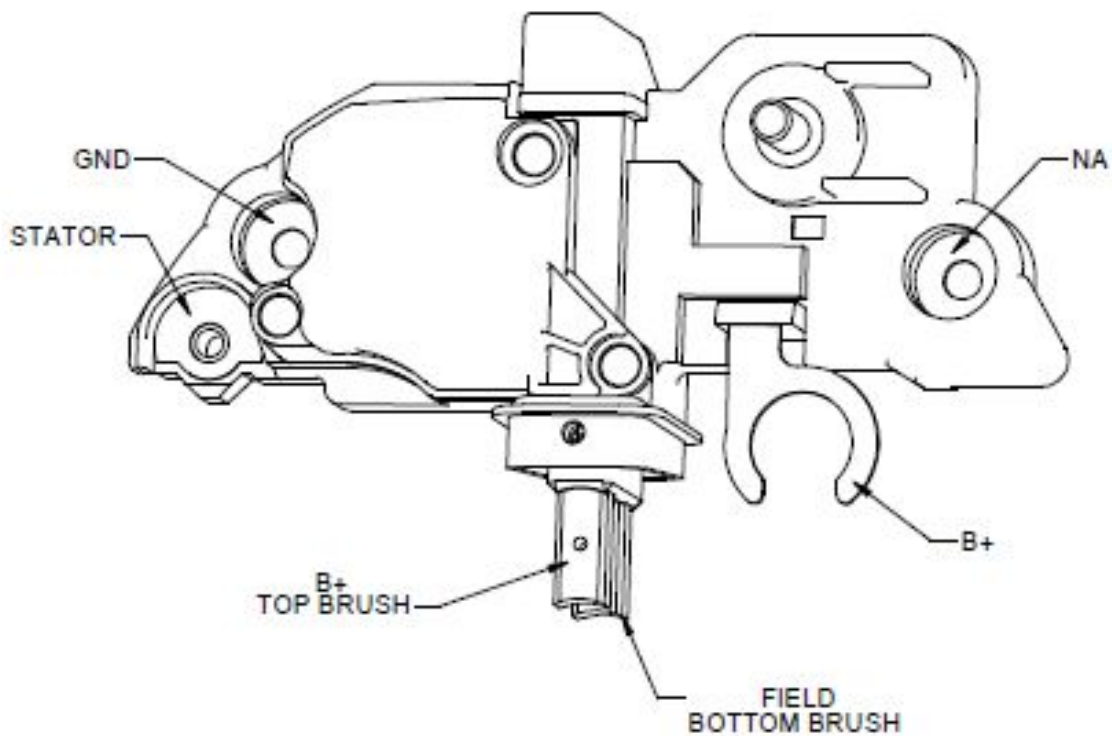
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

VRC2010 Tests:

- To check for presence of Active Lamp function - Press 'Choke Drive' button, choke lamp will illuminate
- To check for presence of Over Voltage function - Press 'Over Voltage' button, indicator lamp will illuminate



IB231

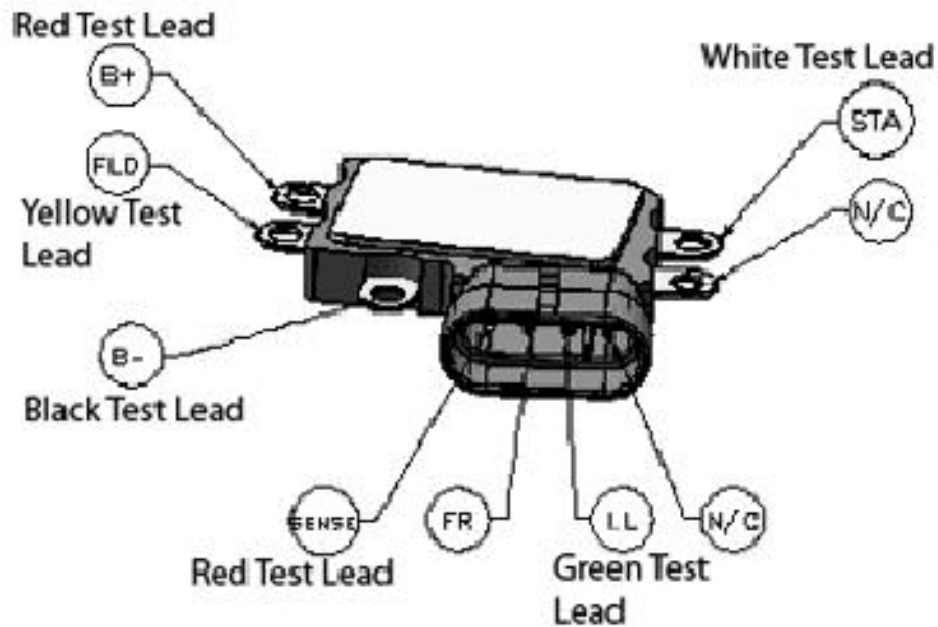
- With LRC and Soft Start
- L (D+) Terminal M5

# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D907	B	12	14.0				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect Stator Lead and verify the Light is on.



B-Circuit, Volt Set 14.0V

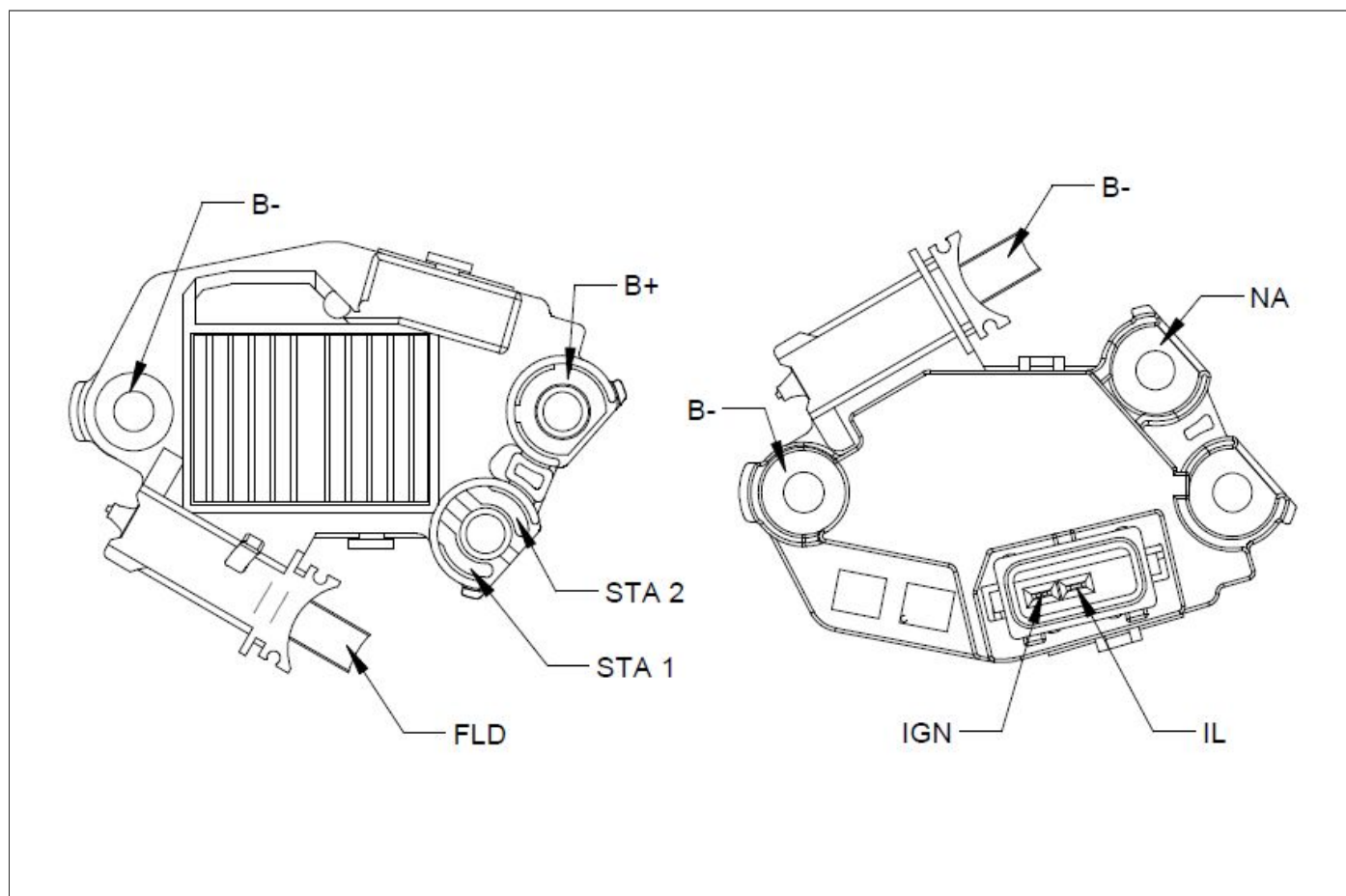
- S-F-L-P Terminals
- Stator Activated
- Full Short Circuit Protection
- Excellent Choice for 1-Wire System

# TRANSPO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M523	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ



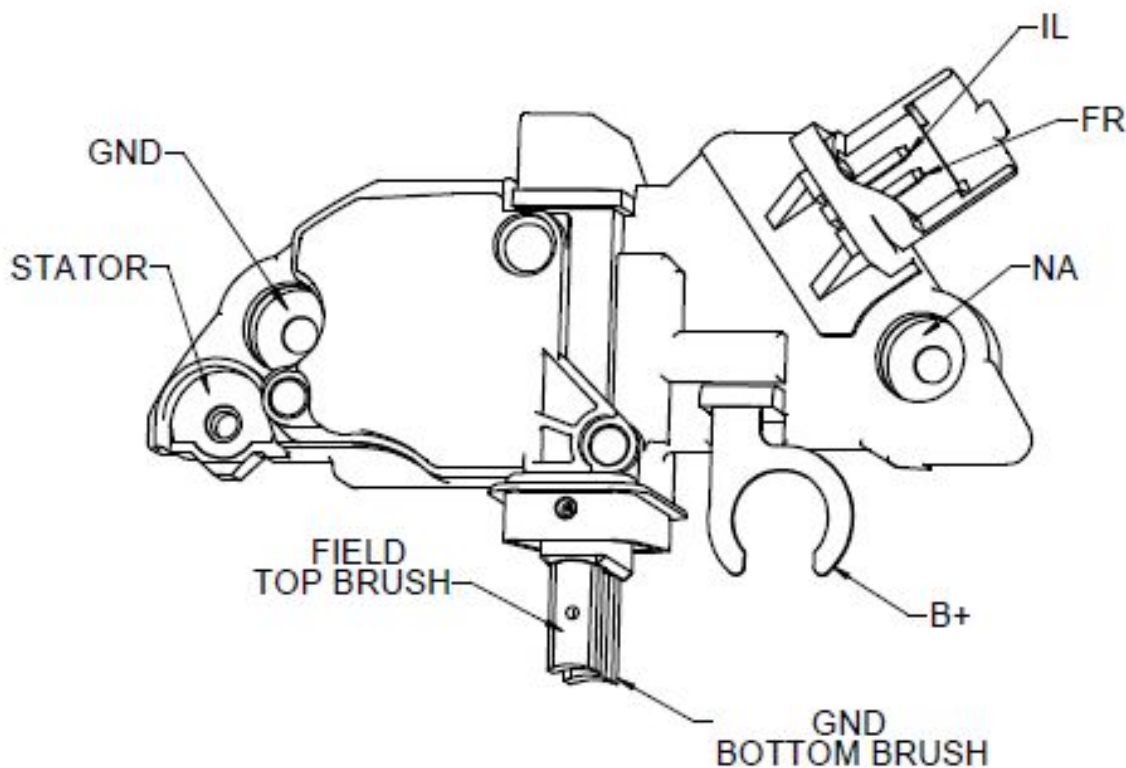
- Terminal Designation 16E-15 (Lamp-Ignition) • Stator Activated • LRC 5-Seconds • OE Compliant Soft Start • Lamp-Choke, Field Short Circuit Protection

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB286	B	12	14.4				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**
  - To check for presence of Active Lamp function - Press 'Choke Drive' button, choke lamp will illuminate



• L-DFM Terminals • LRC 2.5 Seconds, w/ Soft Start • Active Lamp Function – With Output  
 NOTE: VRC101-34 adapter shown for enhance stator signal, not all late model regulators need enhance signal



# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB261	B	12	14.5				
IB261S-B40	B	12	14.5				

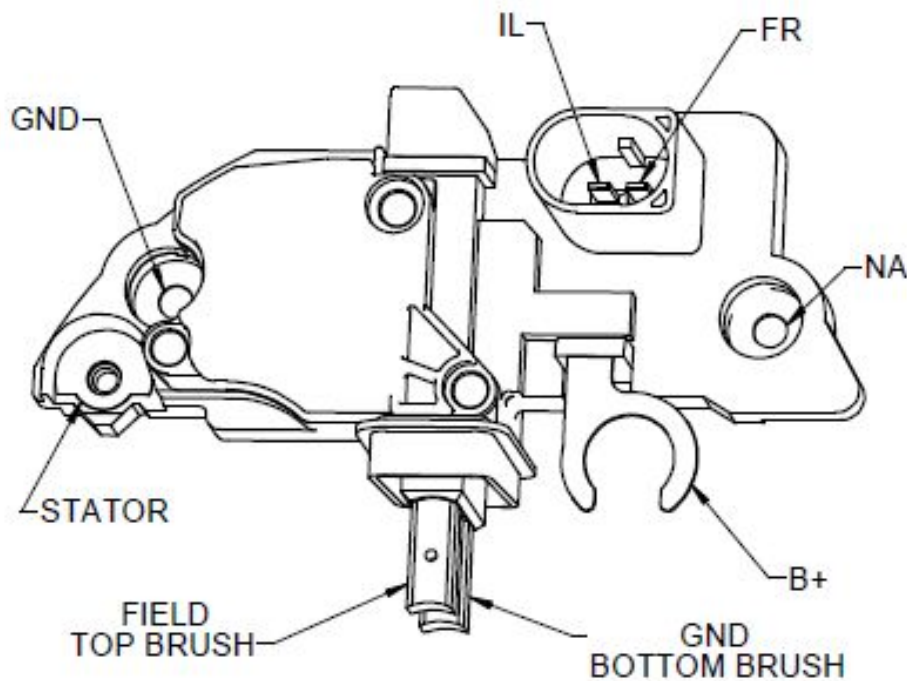
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Do not connect the FR terminal.

- Push the Choke switch and the "Choke Drive" will turn on.
- Remove white test lead from terminal marked "Stator" - the Lamp will come on and Voltage will show 12 volts.
- Remove green test lead from "light" terminal, field light will go out and voltage stays at 12 volts.



• L-FR Terminals • Stator Activated • With Soft Start & LRC • TC -10mV/C • Active Lamp Circuit -With Output



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

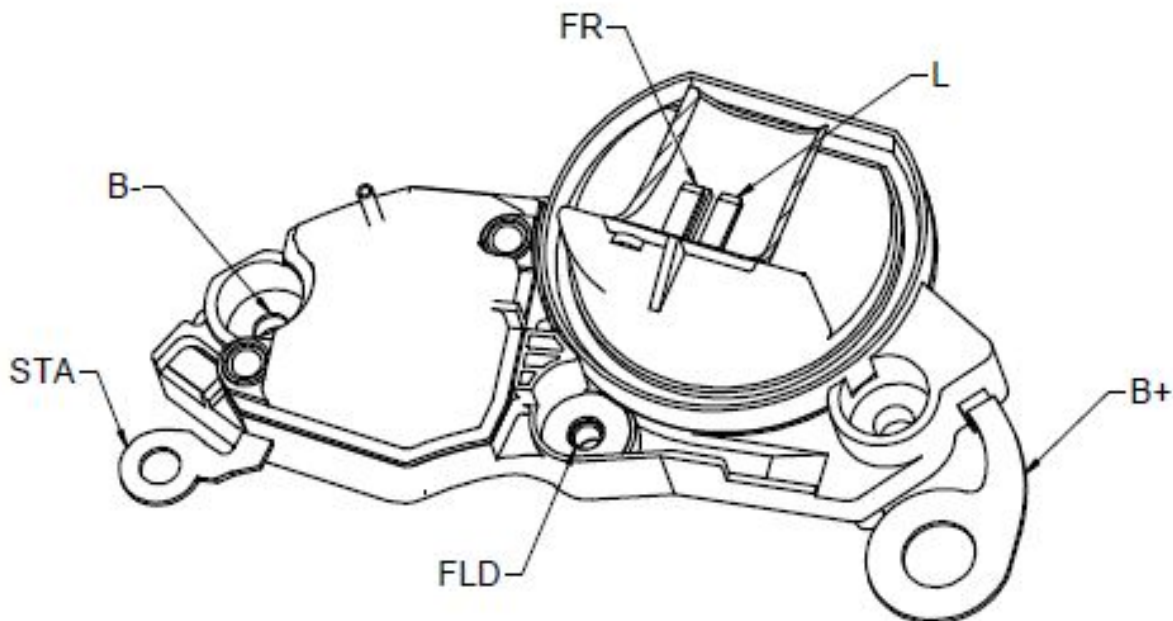
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB201	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

- 1 Remove white test lead from terminal marked "Stator" - the Field light and Lamp will come on and Voltage will show 12 volts.
- 2 Remove green test lead from "light" terminal , field light will go out and voltage stays at 12 volts.
- 3 No Over Voltage and Lamp.
- 4 Push choke drive button and choke drive lamp should be on.



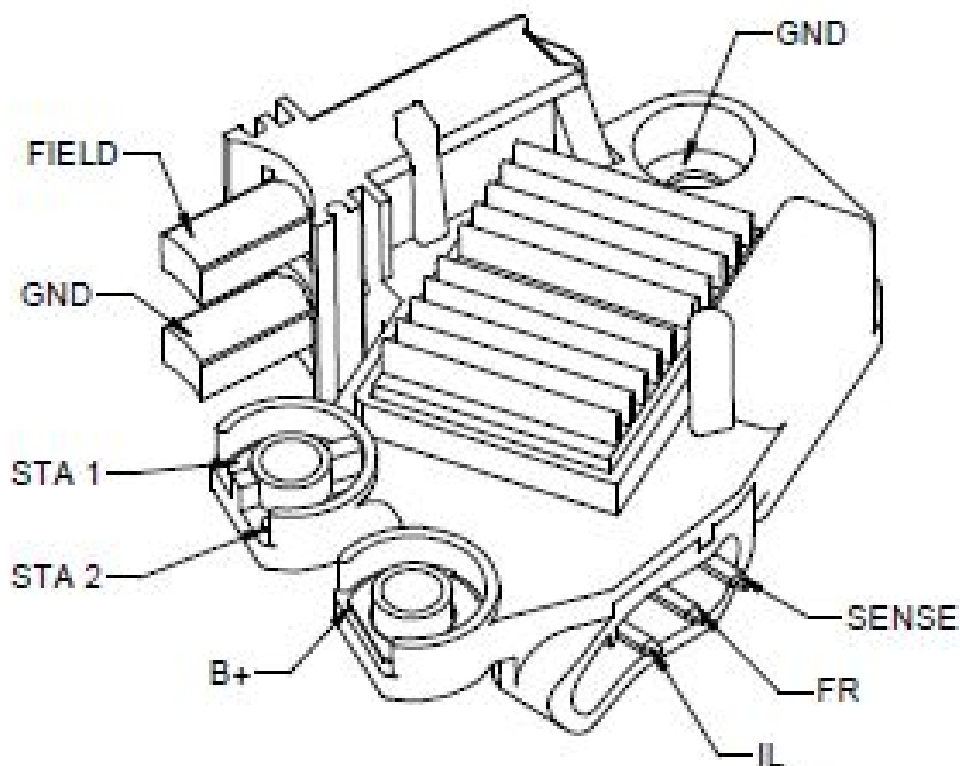
- VSet 14.4 +/- 0.2
- L-DFM Terminals
- 2.5 Second LRC
- Active Lamp Circuit - With Output
- Ref. F-00M-225-401, 0-122-1AA-5BO, 0-122-9AA-0X0

## TRANSPO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M520	B	12	14.6				
T8520	B	12	14.6				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**  
Connect STA1 and STA2 to VRC2010. Turn the STATOR swith to 150HZ



# TRANSPO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

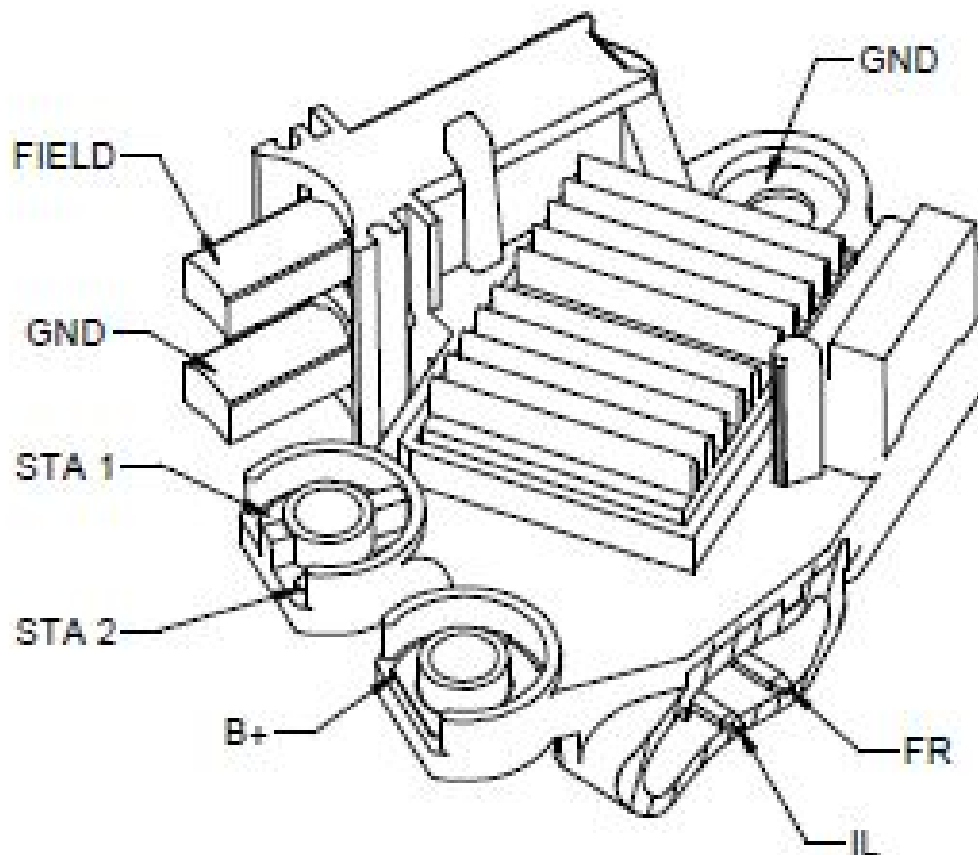
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M524	B	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect STA1 and STA2 to VRC2010. Turn the STATOR switvh to 150HZ



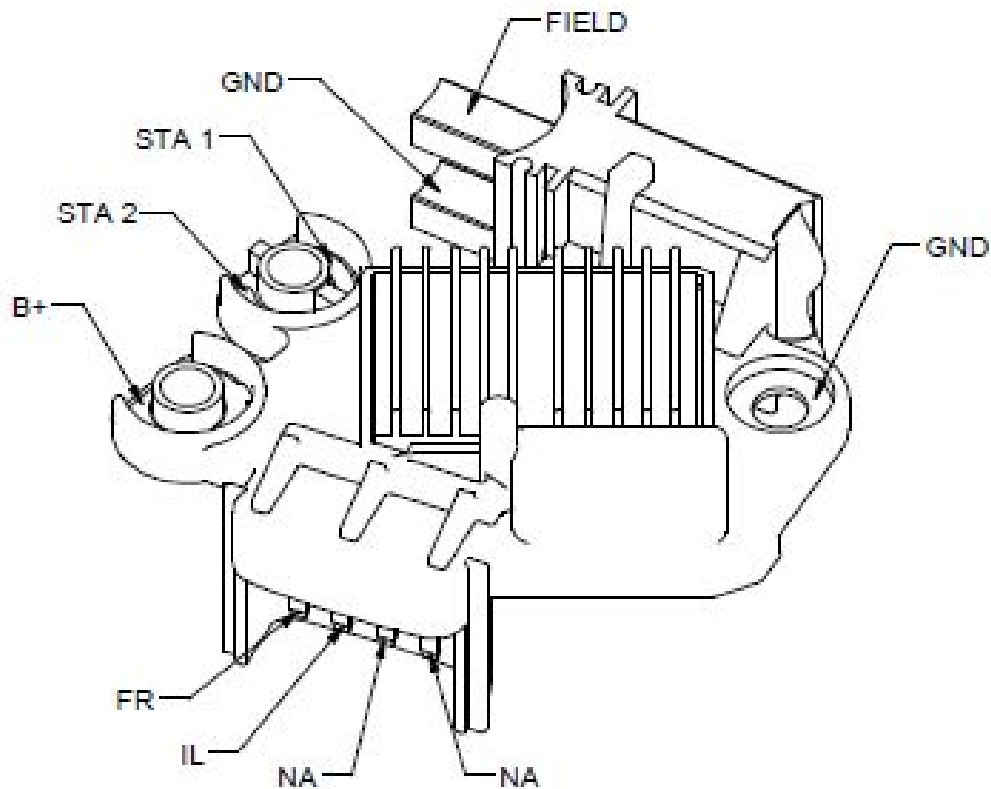
- F-L terminals
- Lamp Activated
- With FR Resistor

## TRANSPO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M536	B	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB252	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

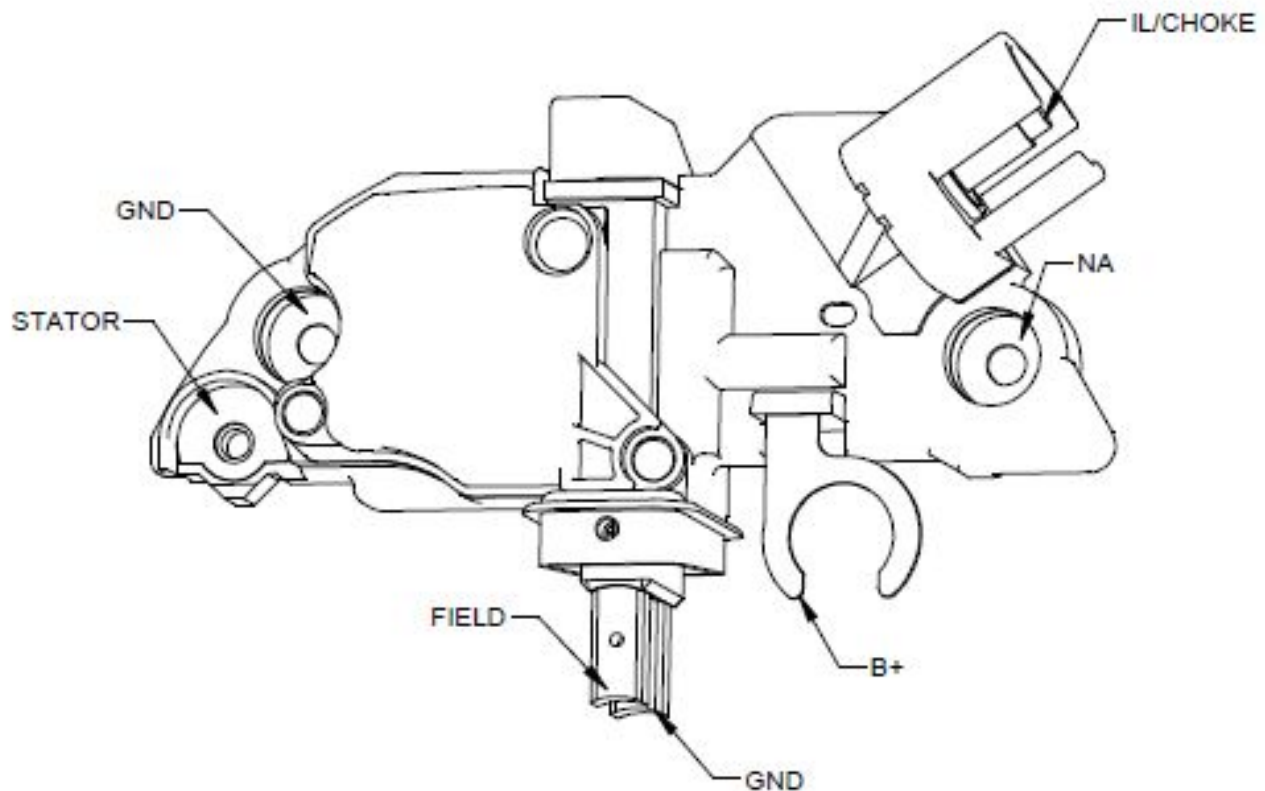
**3. Amendments or Additional Tests:**

Remove White test Lead from Stator Light comes on. Reconnect Stator.

Remove Red test Lead from Sense, Light comes on. Reconnect Sense.

Remove Green test Lead from Lamp, voltage remains same. Reconnect Light.

Remove White test Lead from Stator, Light and Ignition voltage goes to 12 volts.



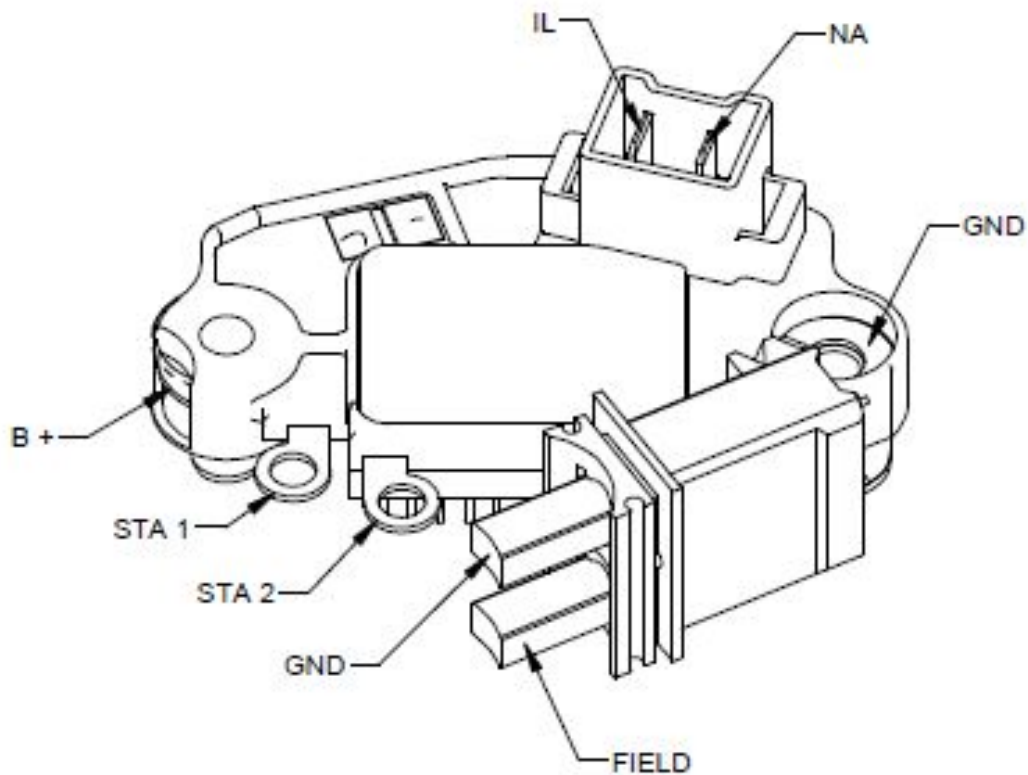
- L-Terminal M5
- Active Lamp Function - With Output
- Lamp, Field, Choke Drive Short Circuit Protection

## TRANSPO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M528	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ



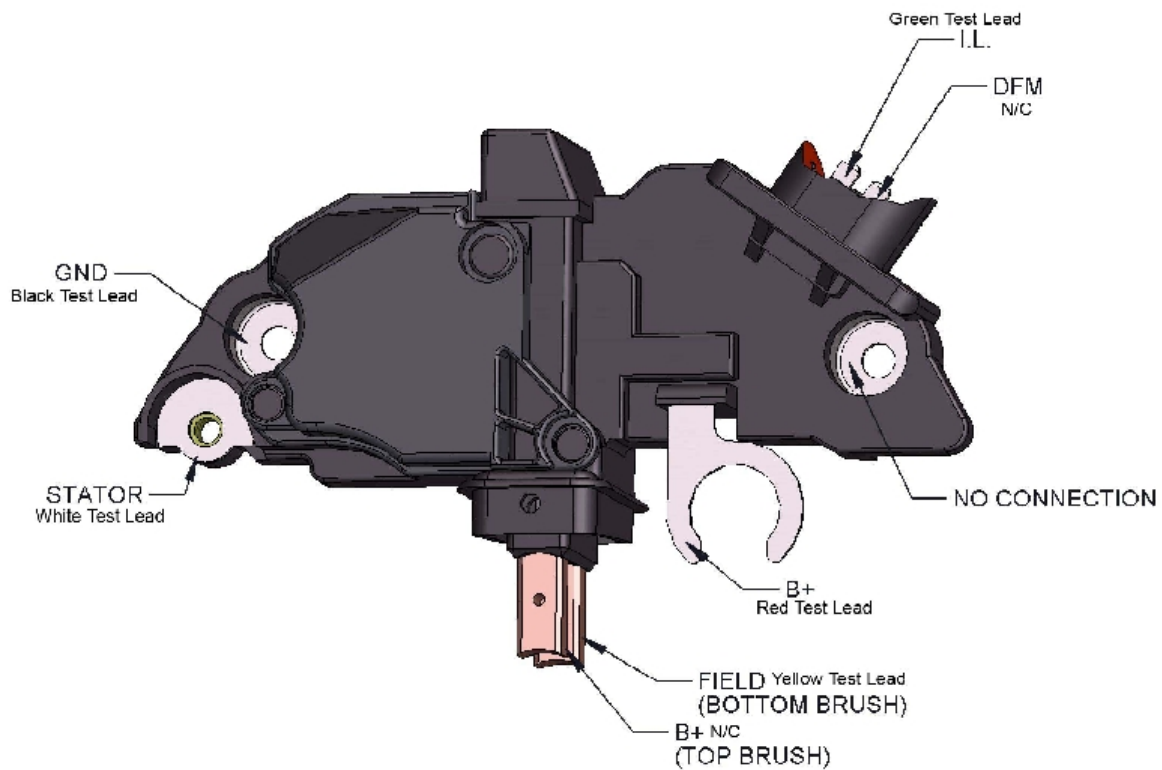
Stator Activated • OE Compliant Soft Start • Under Voltage Lamp • Field, Lamp, Choke - Short Circuit Protection

# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB226	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

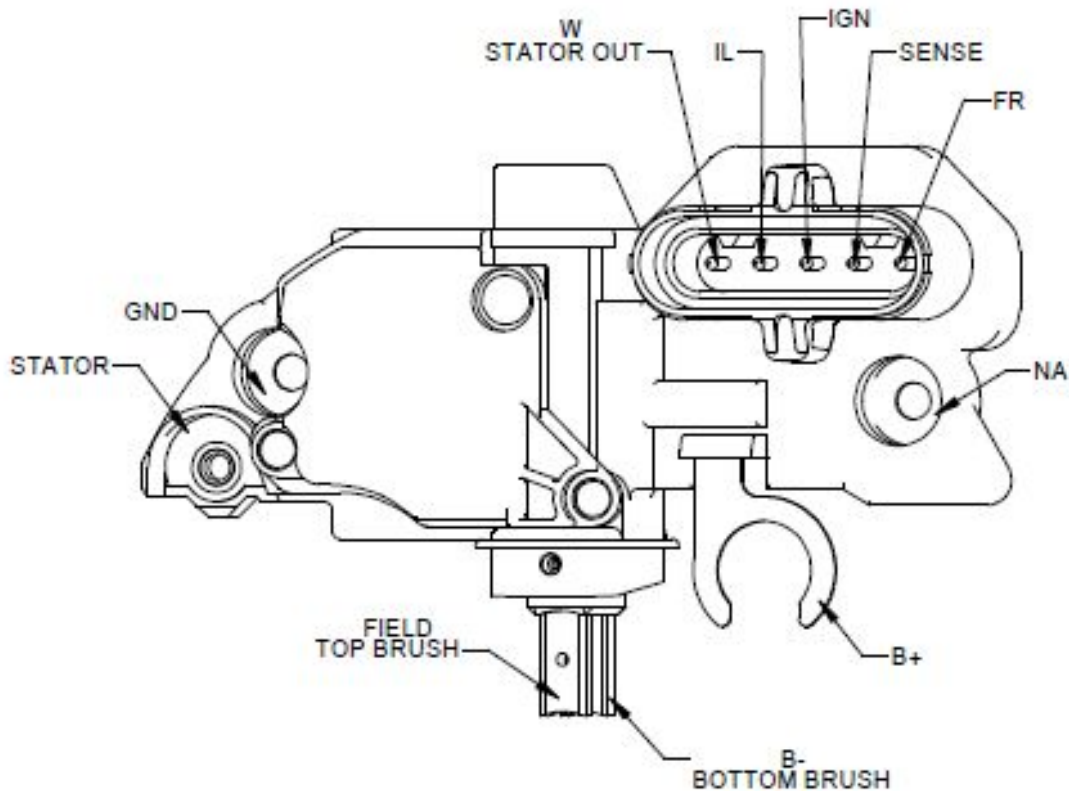


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB297	B	24	28.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect FR to tester "LI", Grey.



Remove White test Lead from Stator Light comes on. Reconnect Stator.  
 Remove Red test Lead from Sense, Light comes on. Reconnect Sense.  
 Remove Green test Lead from Lamp, voltage remains same. Reconnect Light.  
 Remove White test Lead from Stator, Light and Ignition voltage goes to 12 volts.  
 • W-L-15-S-DFM Terminals • OE Compliant Circuit Protection & Functions... 'With Stator Start.



# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

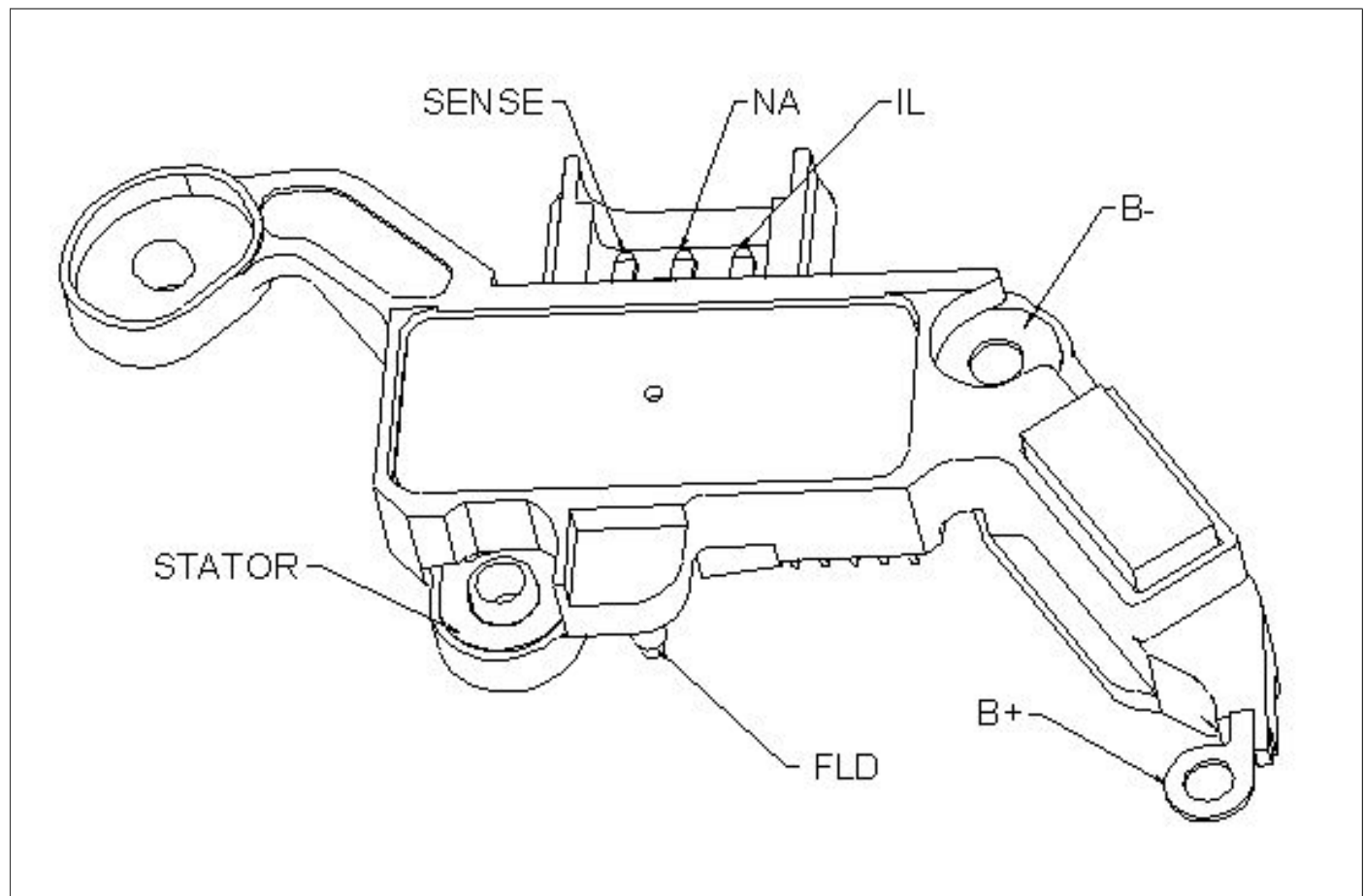
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F610	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

To Check for presence of over voltage function-Press "over-voltage button"



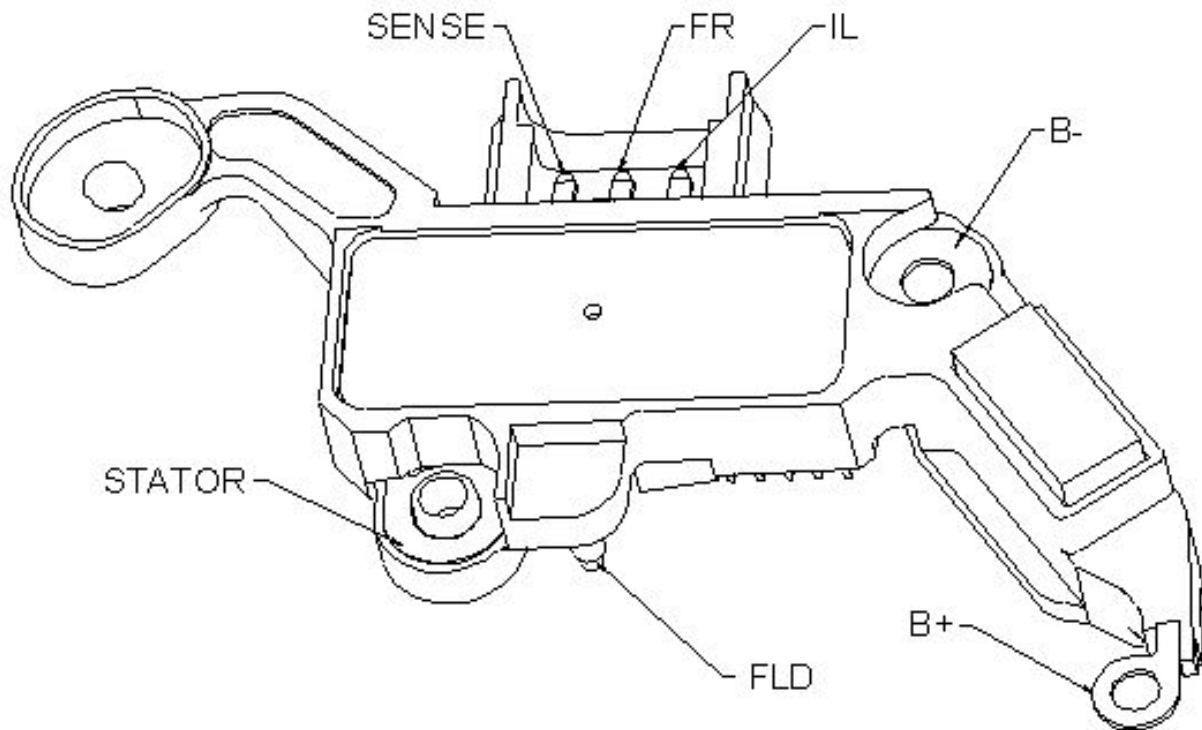
- S-D-L Terminals (Sense-N/C-Light)
- M3 Field Post
- F610 noted to replace OE regulators having a white insert surrounding the heat sink.

# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F613	A	12	14.45				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
To check presence of over voltage function- Press O.V. button



- AS-FR-IL Terminals
- Soft Start
- Over-Voltage Lamp Function
- F613 noted to replace OE regulators having a green insert surrounding the heat sink.

# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

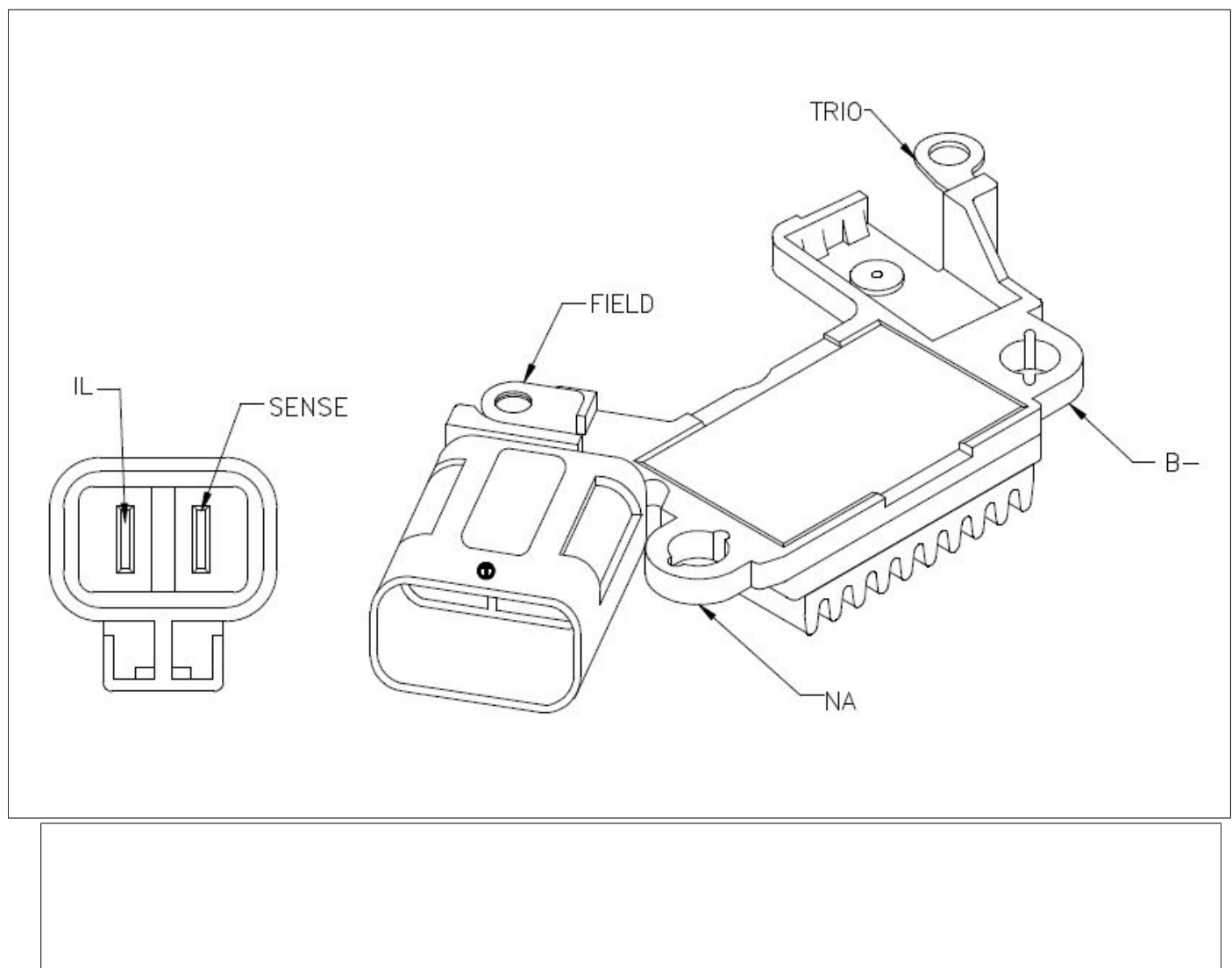
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH768	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove red test lead from terminal marked "S". Filed lamp should still blink and the meter will indicate approximately 15.5 volts.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

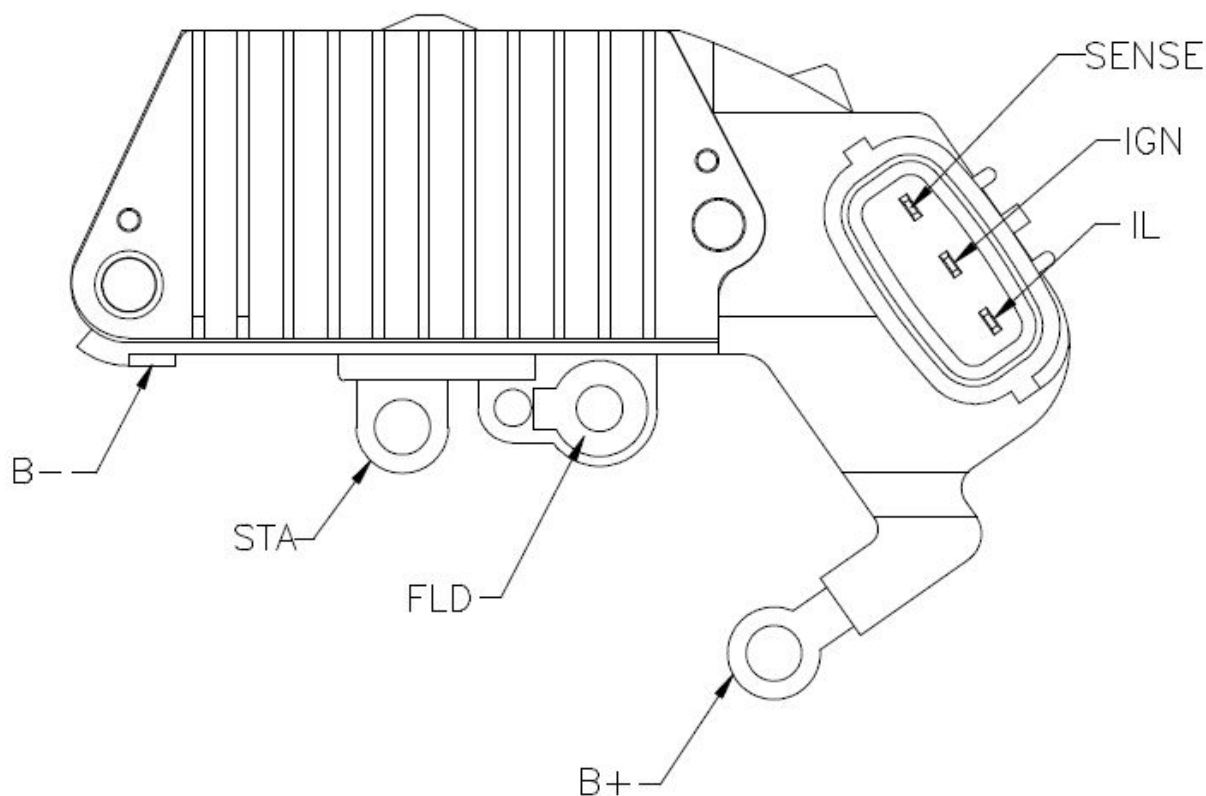
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN460	A	24	28.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

- Remove white lead from stator connection and note the following:  
... Indicator lamp should light and voltage stay the same
- Using **VRC2010** to check for 'Over Voltage':  
... Push the 'Field Diode' switch and the 'Field Diode Lamp' will turn on.



- Ignition (IGN) activated.
- Stator input turns off the Light.
- Standard Lamp Circuit - No Output
- Field Rating 3-Amps.
- Typical Vsat 1.20-Volts. @ 3-Amps. 24-Volts.

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6324	B	12	13.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

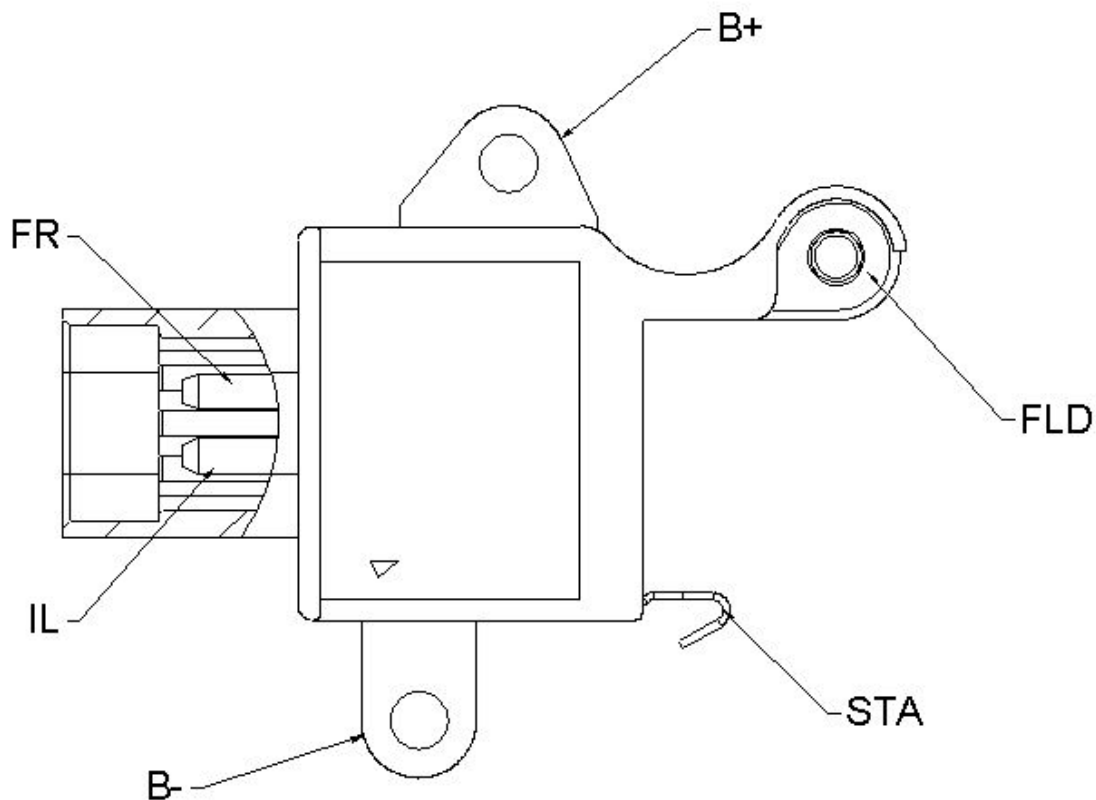
Use VRC2010 tester to complete RC voltage setpoint testing, Connect RC terminal to VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 11.8V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 13.3V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 14.4V.

\* The 13.8V Set Point indicate above is the 'default VSet' (no vehicle PCM input).



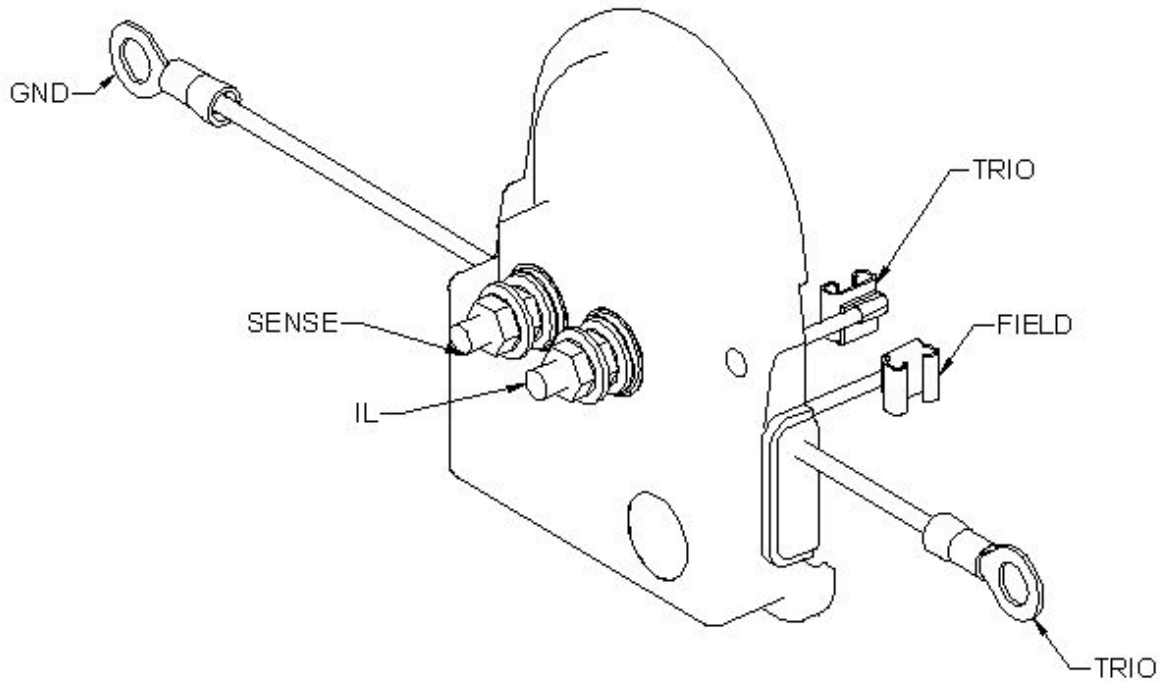
Stator or RVC Activated.

# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-313	A	12V	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
disconnect Sense, check the secondary voltage, it is 15.4+/-0.2V.



Light Activated.

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

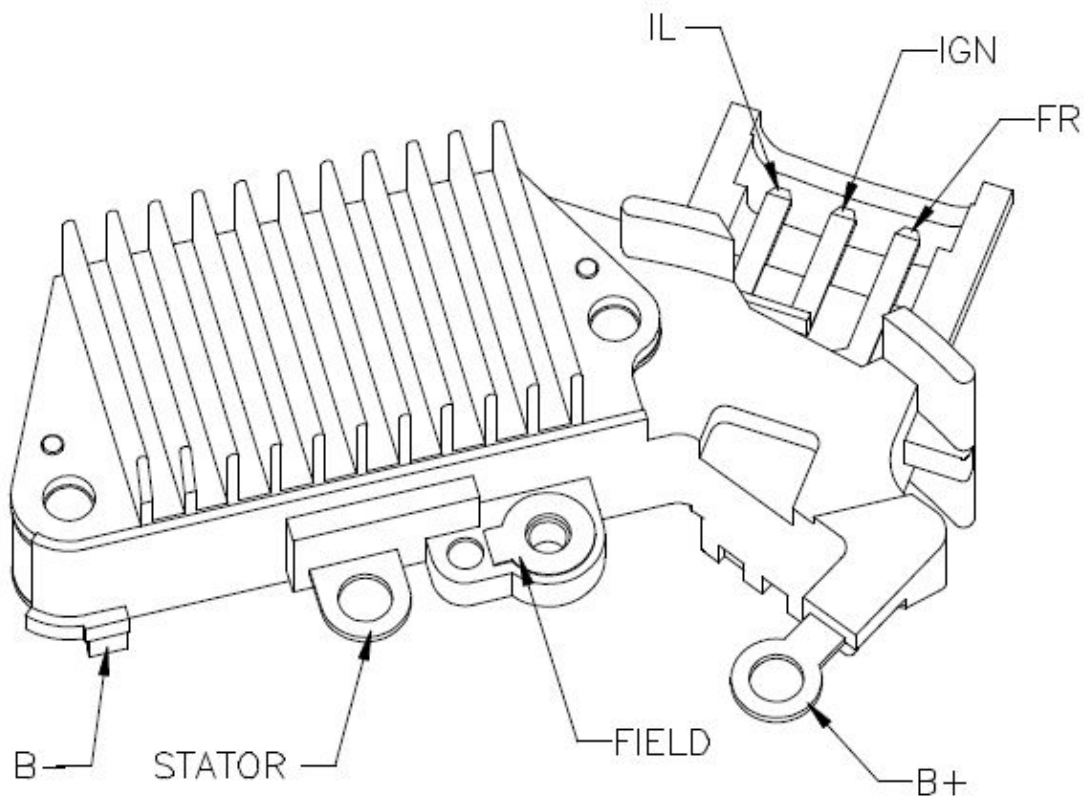
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN447HD	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

1. Disconnect stator, the light is ON and the regulator is function.
2. Push the Over Voltage Button on the panel, the light will be ON.
3. Push the Field Diode Button on the panel, the field diode LED will be ON.



Ignition Activated.

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

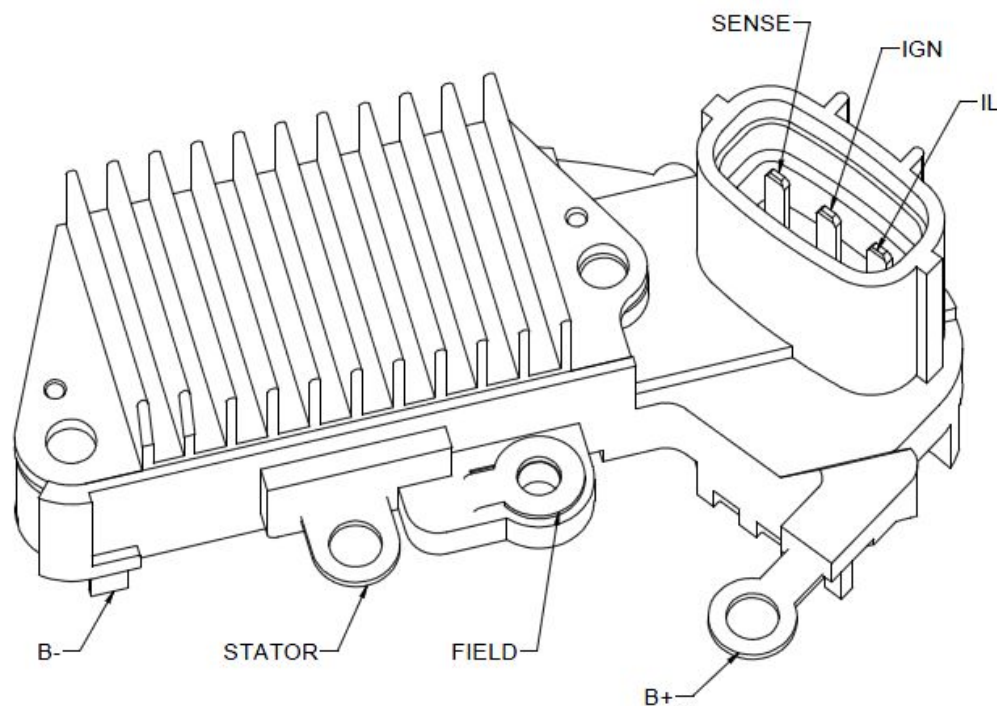
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN453HD	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

1. Disconnect stator, the field light is ON and the regulator goes to 12V. Reconnect stator.
2. Disconnect Sense, the setpoint is 14.5+/-0.2V and light comes on. Reconnect Sense.
3. Push the Over Voltage Button on the pannel, the light will be ON.
4. Push the Field Diode Button on the pannel, the field diode LED will be ON.



Ignition Activated. Remove Ignition, voltage goes to 12V and light is off.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

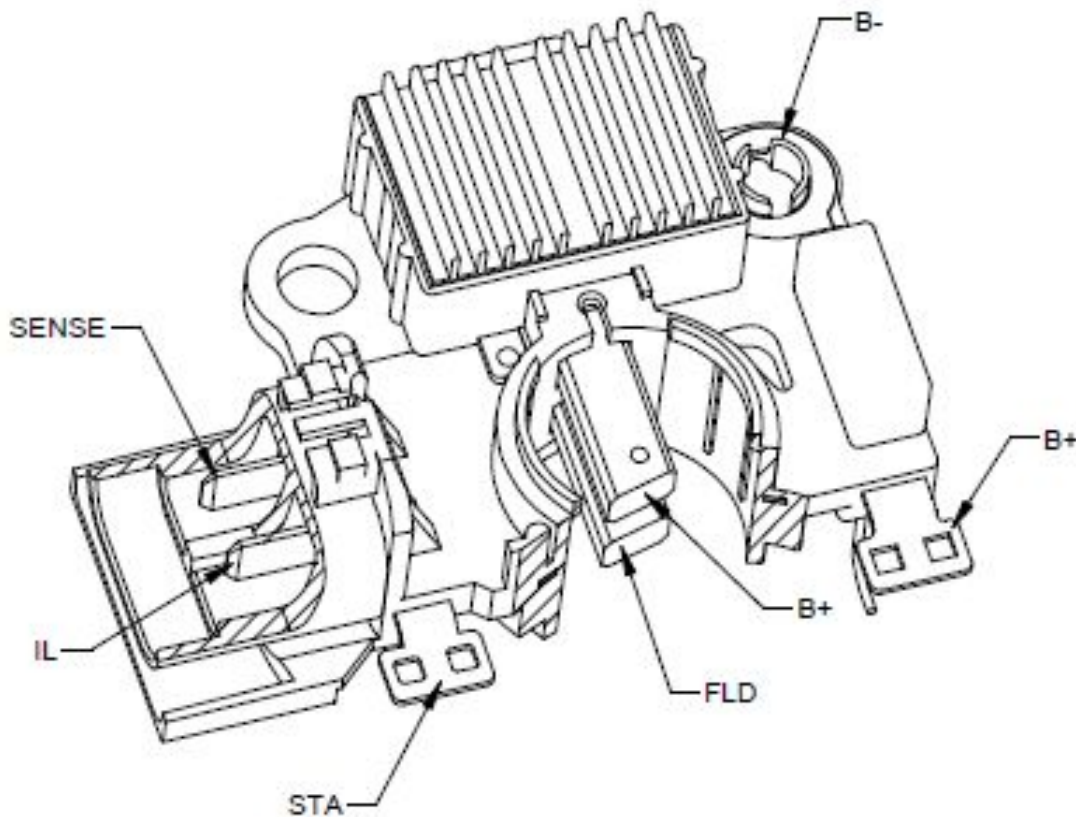
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM342	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect SENSE, the set point is 15.6+/-0.2V.
2. Disconnect Stator, the lamp light comes on, field light stays on and volts go to 12 volts..
3. Disconnect Light, the part stops regulation.
4. Push the Field Diode Button on the panel, the Field Diode LED is on.



Light Activated.

# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

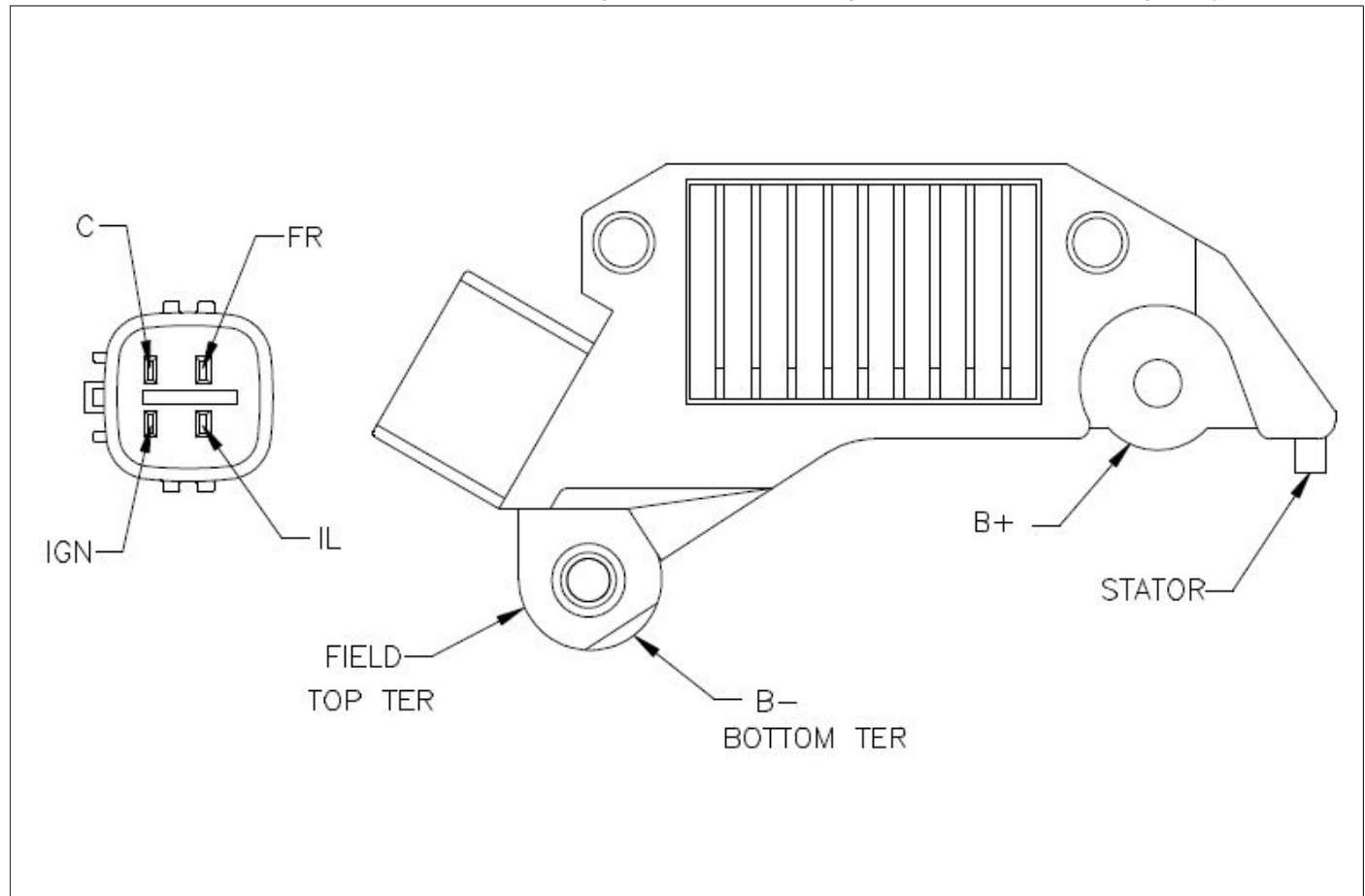
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D9715	B	12	14.70				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

1. POWER OFF: Set "Voltage Range" and "FLD" switches to desire settings; Connect the voltage regulator as indicated in the diagram below, except for the "Computer" terminals.
2. POWER ON: Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. Connect black test lead to "Computer" terminal voltage goes to approx. 13.2 volts, Disconnect black test lead from "Computer" terminal. Disconnect "Stator" terminal, light comes on and voltage reads 12.0 volt and field light stays on.



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

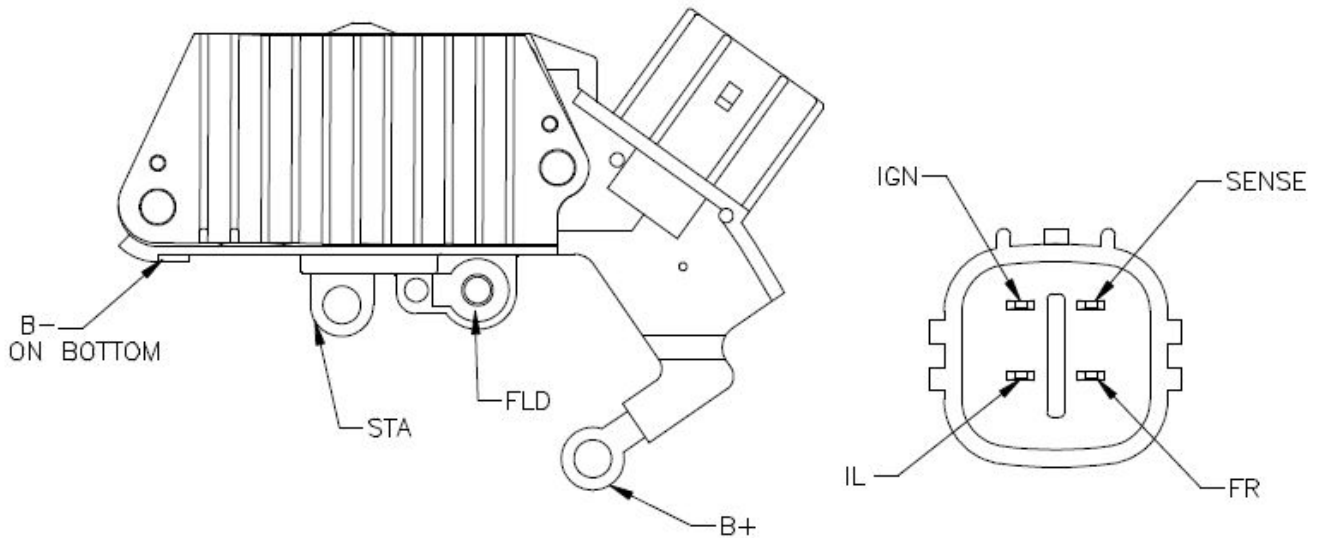
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN3054	B	12	14.1				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the field lamp should blink, check the reading on the meter, it should be 13.9+/-0.2v.
2. Disconnect Stator, the light should be ON, and voltage reads 12.0 volt and field light stays on.
3. Disconnect Ignition, the part should stop regulation.
4. Push the Field Diode Button on the panel, the Field Diode lamp should be on.



Ignition Activated.

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN302	A	12	14.3				

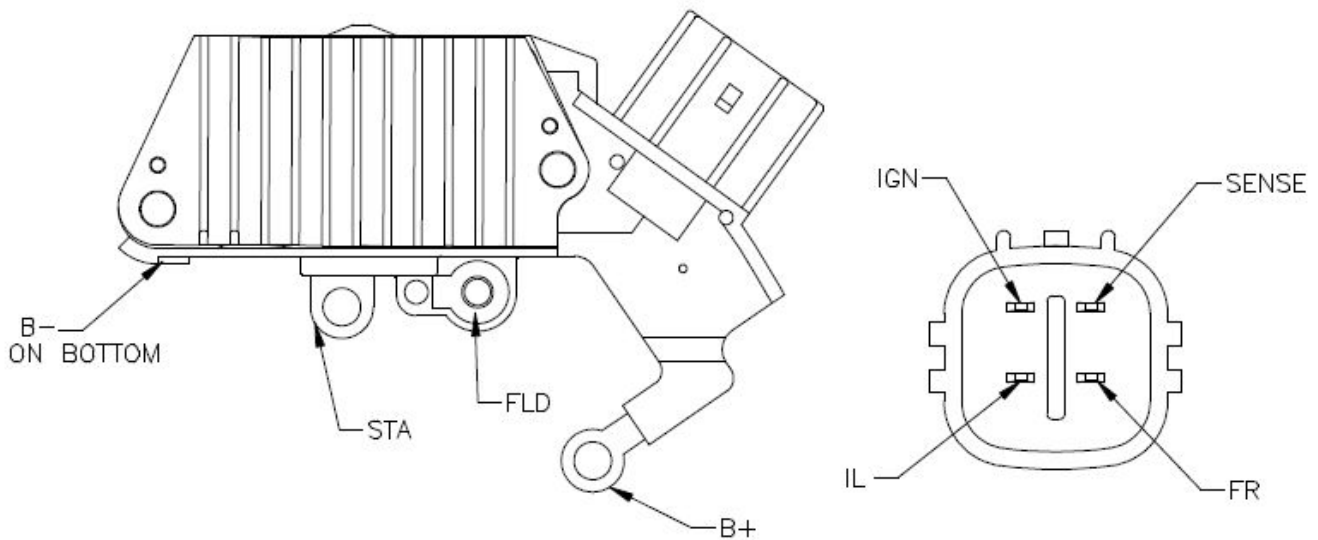
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S", lamp turns on and voltage remains the same. Reconnect.

Remove white test lead from terminal marked stator, lamp light turns on an voltage goes to 12 volts with field light on.

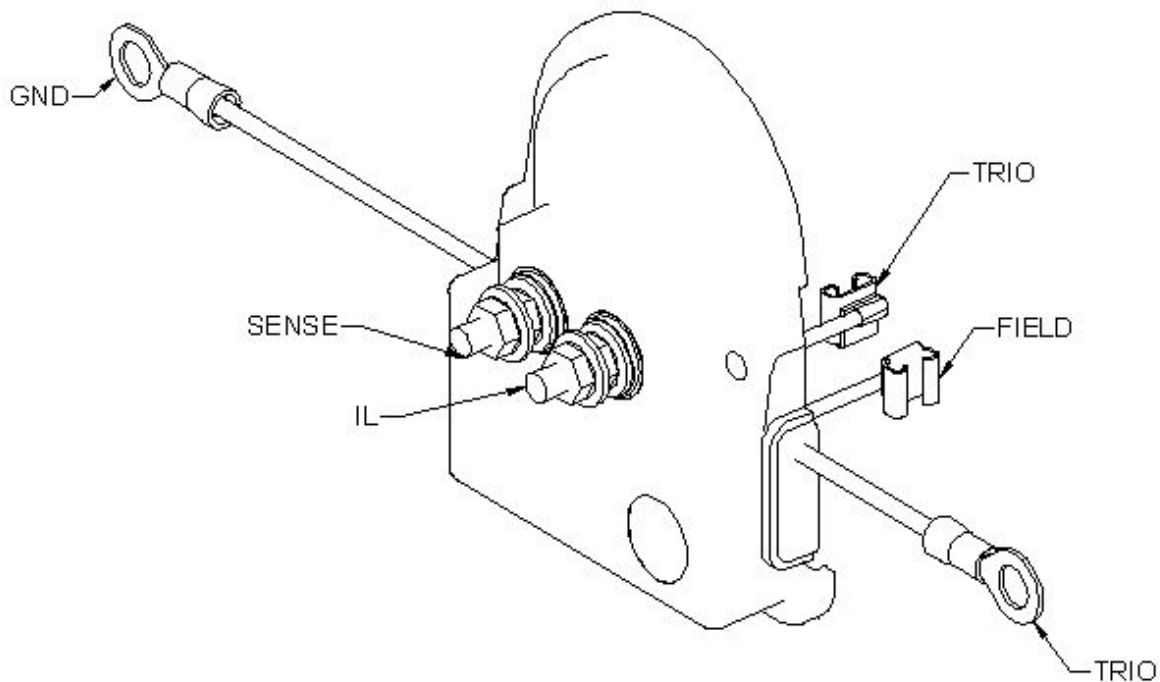


# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-313CN	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**
  1. Disconnect Sense, the set point should be 15.4+/-0.2V.



Light Activated.

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

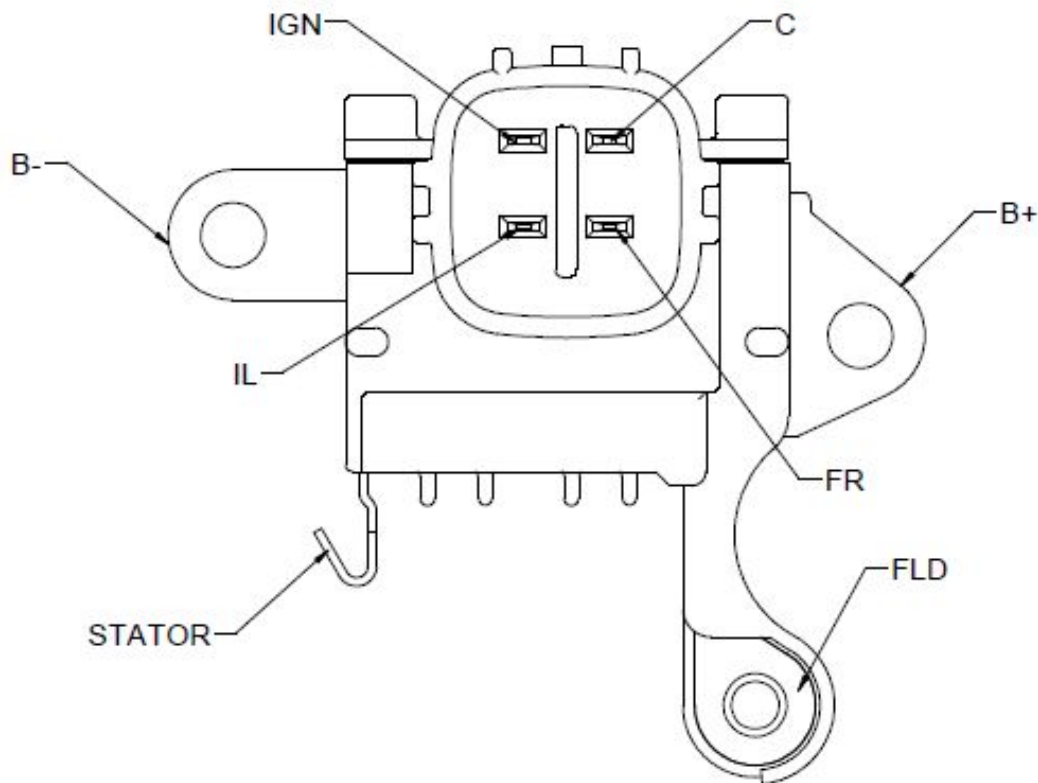
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6315	B	12	14.35				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Connect C terminal to the B- of VRC2010, the set point should be 12.7+/-0.2V.
2. Remove C, disconnect Stator, the Light should be on, the regulator continues regulating.
3. Connect Stator, disconnect Ignition, the regulator stops regulating.



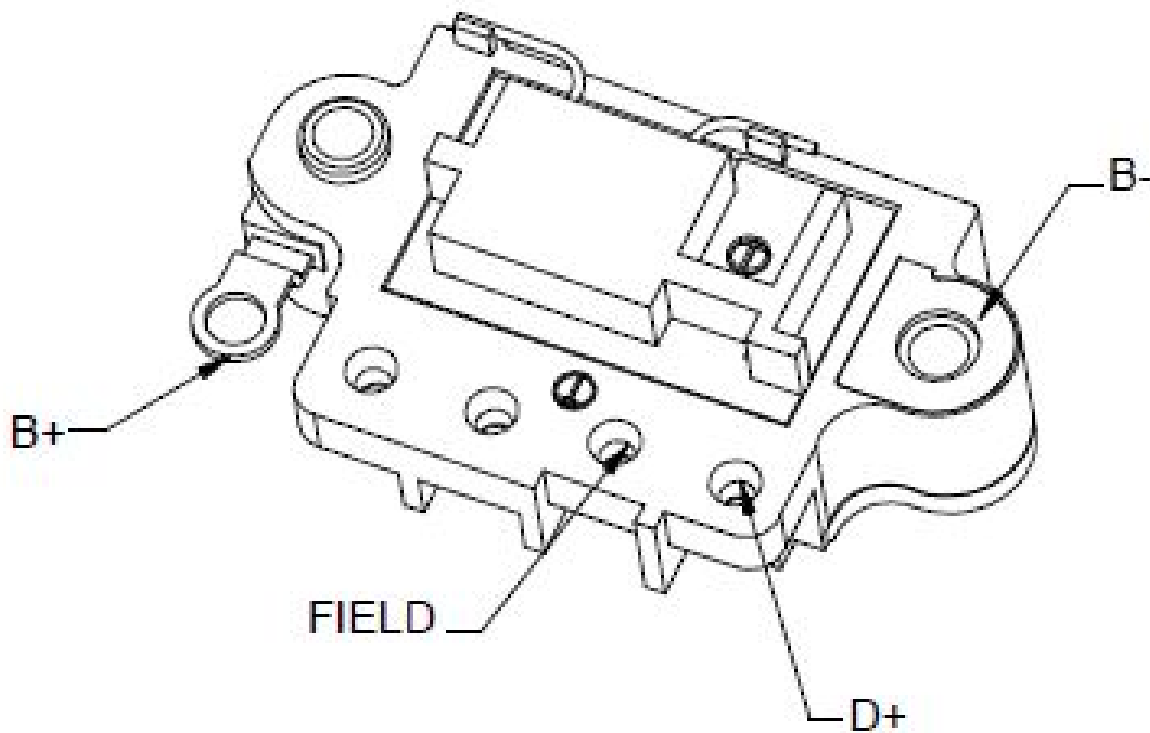
Ignition Activated.

## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN9252	A	12	14.2				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



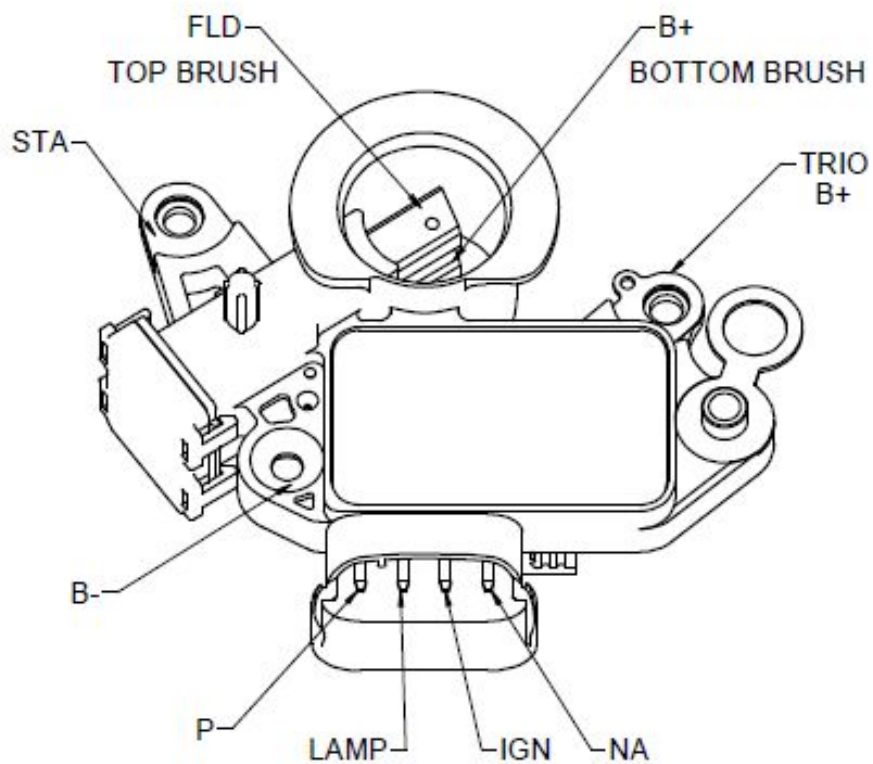
D+ Activated/Excited.

# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D2198	A	12	14.35				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



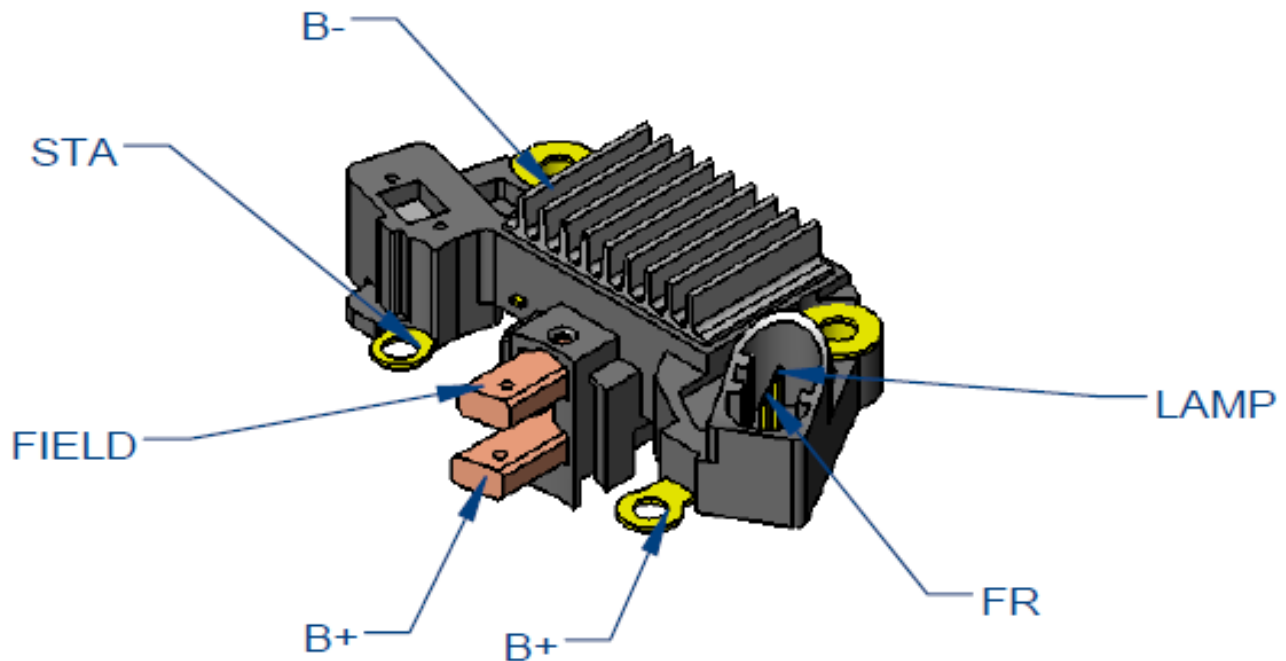


## TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH701	A	12	14.5				
IH701V	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect Stator, the light should come on.



Light Activated

# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

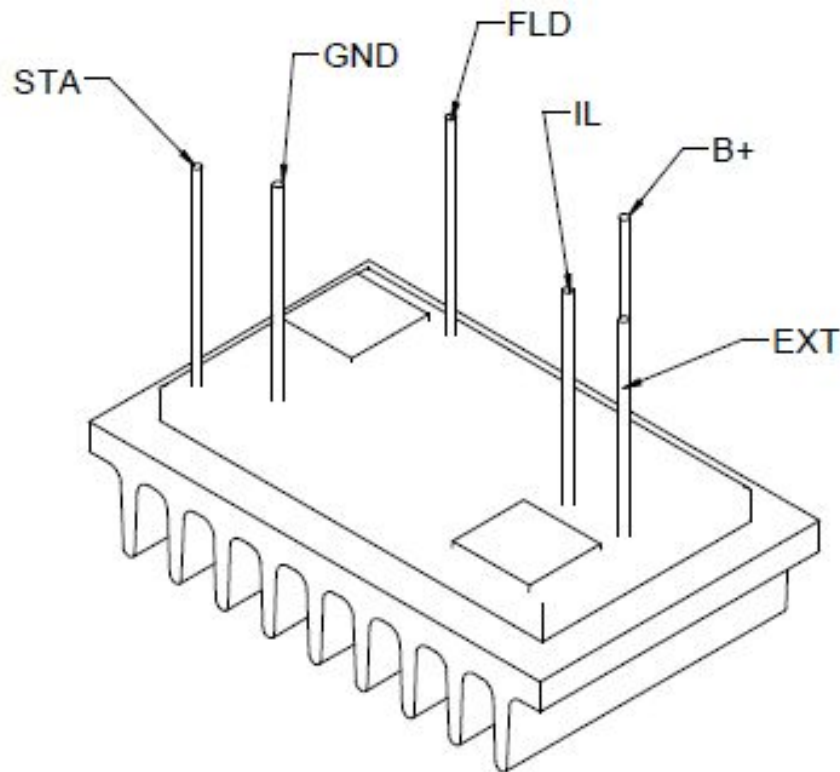
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI744	A	12	14,4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the set point should be 15.3+/-0.2v.
2. Reconnect Sense, remove Stator, the Lamp comes on and the voltage goes to 12.0V.
3. Reconnect Stator and push the 'Over Voltage' button on the panel, the Lamp comes on.



Stator Activated

# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

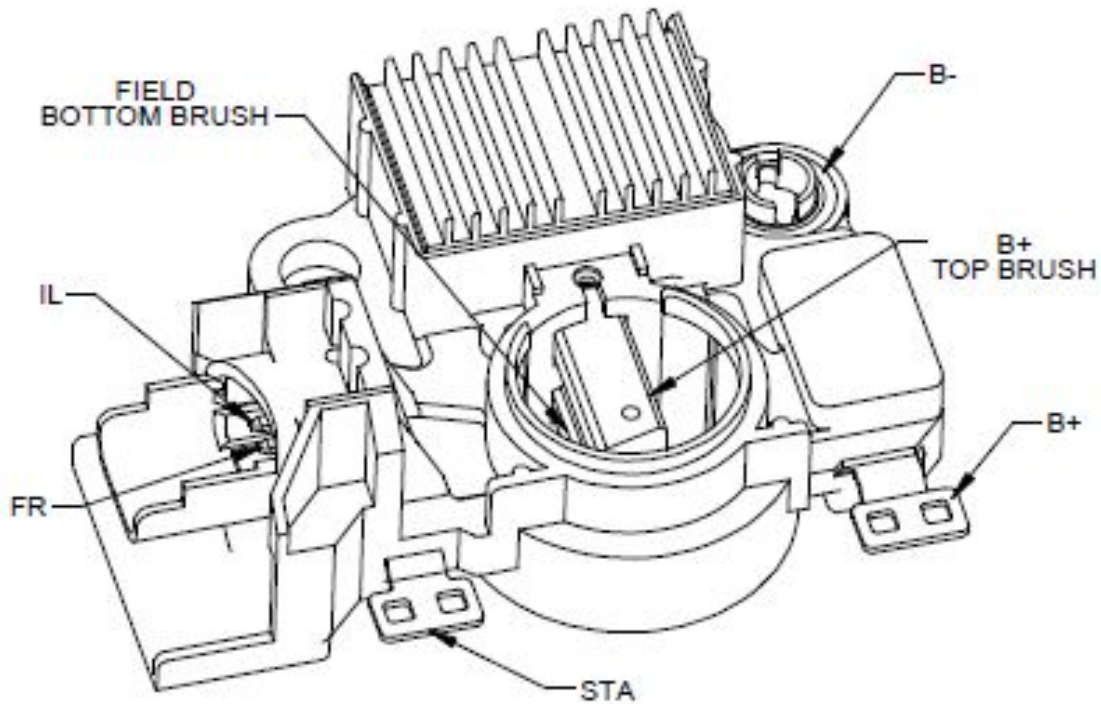
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM498	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp comes on.
2. Reconnect Stator, push the 'Choke Drive' button on the panel, the Lamp comes on.



Light Activated.

## TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

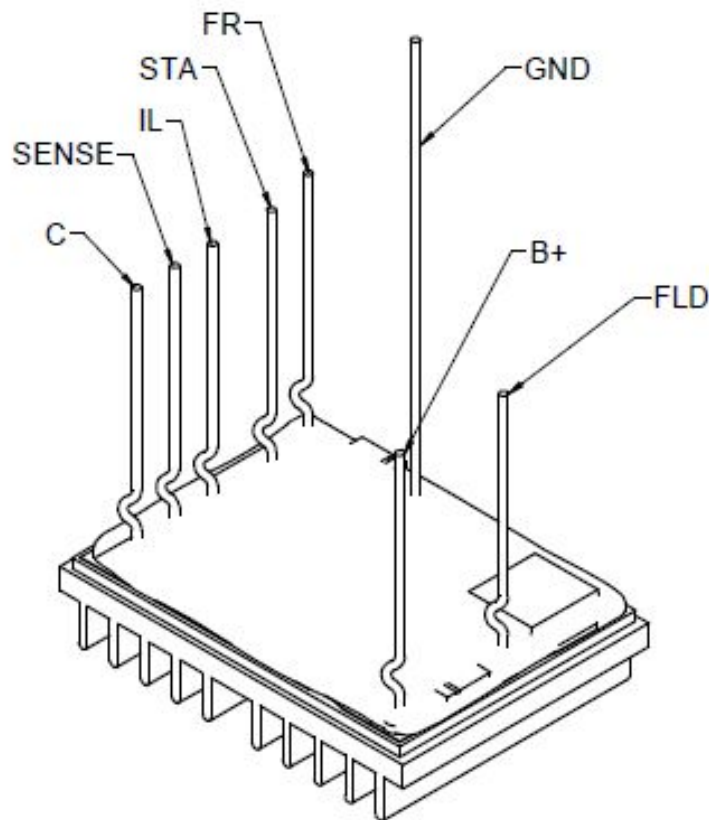
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI341	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the set point should be 15.5+/-0.2v.
2. Reconnect Sense, remove Stator, the Lamp comes on and the voltage goes to 12.0V.
3. Reconnect Stator and push the 'Over Voltage' button on the panel, the Lamp comes on.



\*Connect Black Test Lead to terminal marked "C", voltage will drop to approximately 12.5v.

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

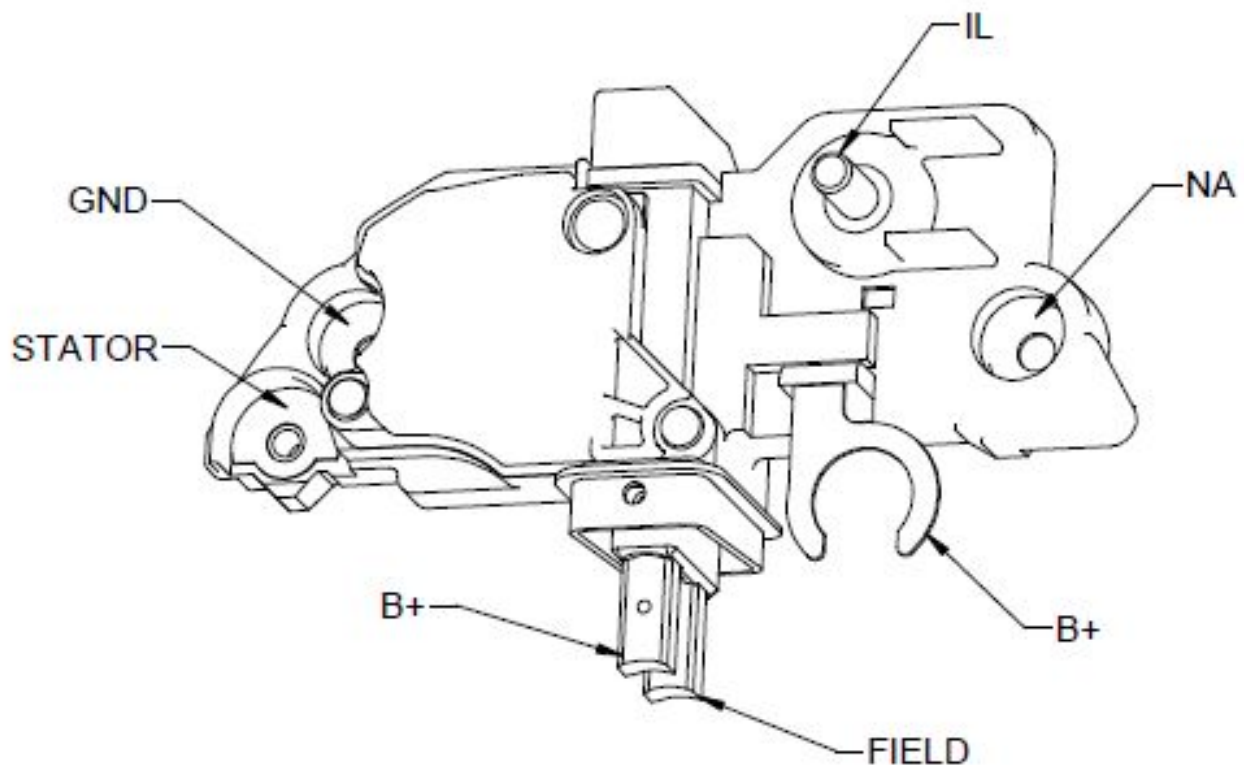
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB248	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove White Test lead from Stator Terminal, Lamp will come on, display will show 12 volts and field light will stay on. Remove Green Test lead and field light will turn off.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

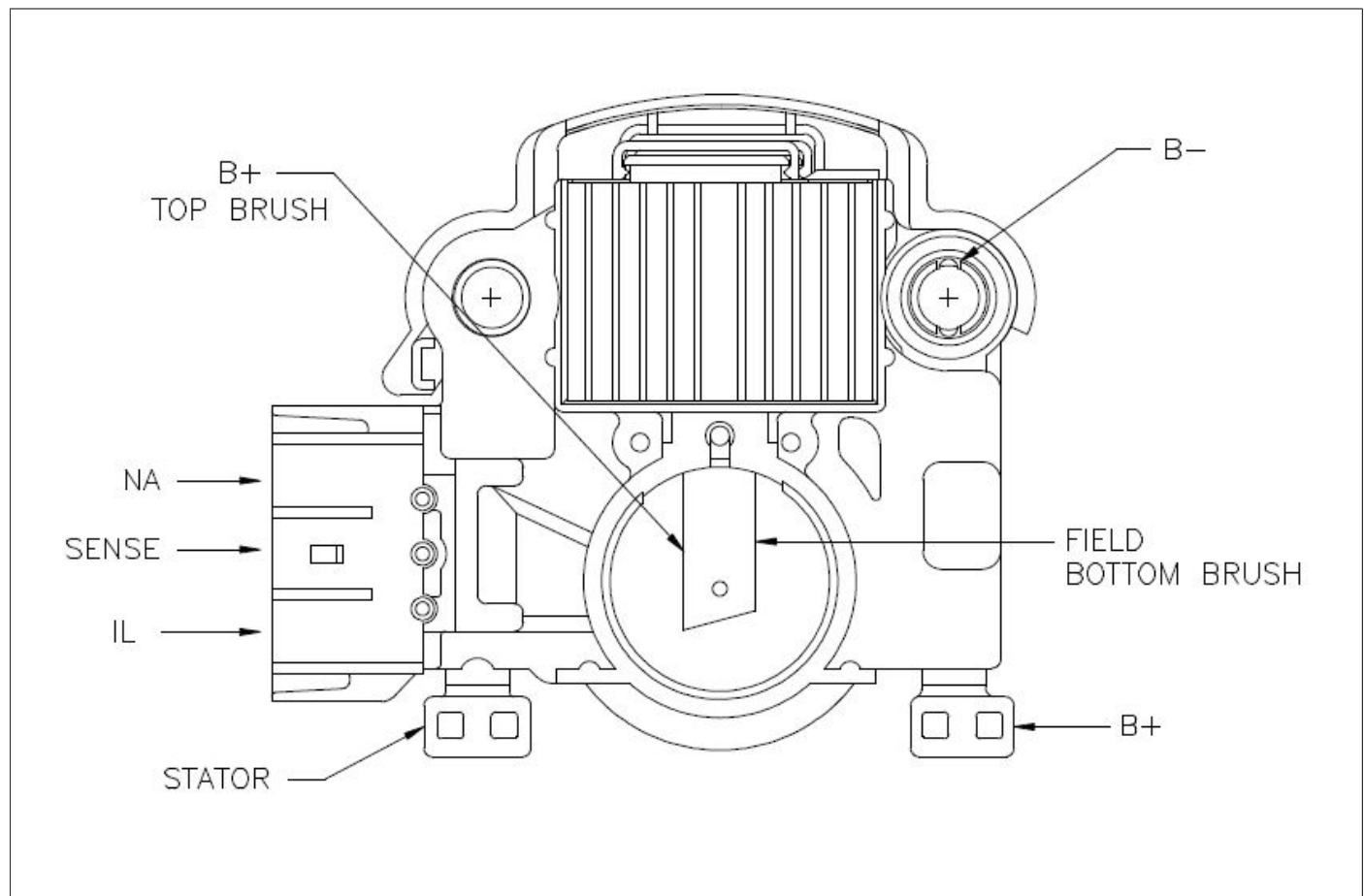
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM480	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect SENSE, the set point should be 15.6 +/- 0.2V, and the Light comes on.
2. Reconnect SENSE, disconnect STATOR, the Light comes on.



Light Activated.

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6343	B	12	13.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect Sense, the setpoint should be 13.85+/-0.2V, then reconnect.

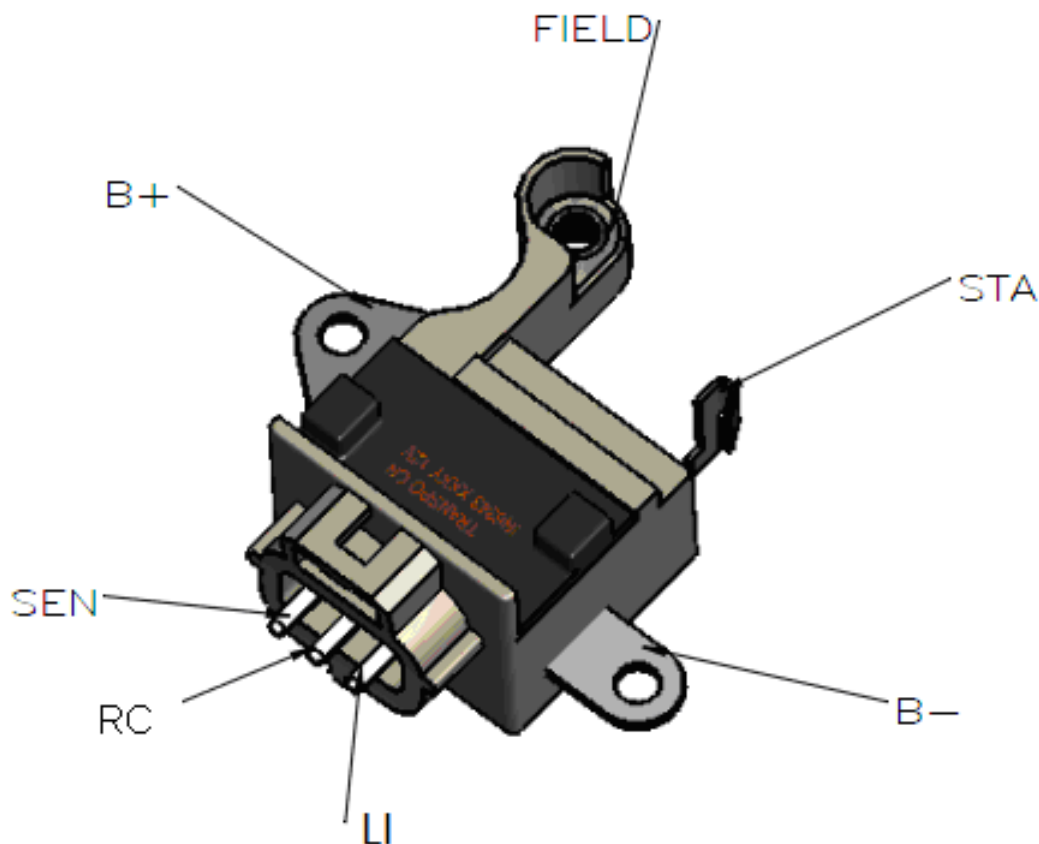
Use VRC2010 tester to complete RC voltage setpoint testing, Connect RC terminal to VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 12.9V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 14.8V.

\* The 13.5V Set Point indicate above is the 'default VSet' (no vehicle PCM input).



RC or STATOR activated

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6349	B	12	13.5				
IN6368	B	12	13.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect Sense, the setpoint should be 13.85+/-0.2V, then reconnect.

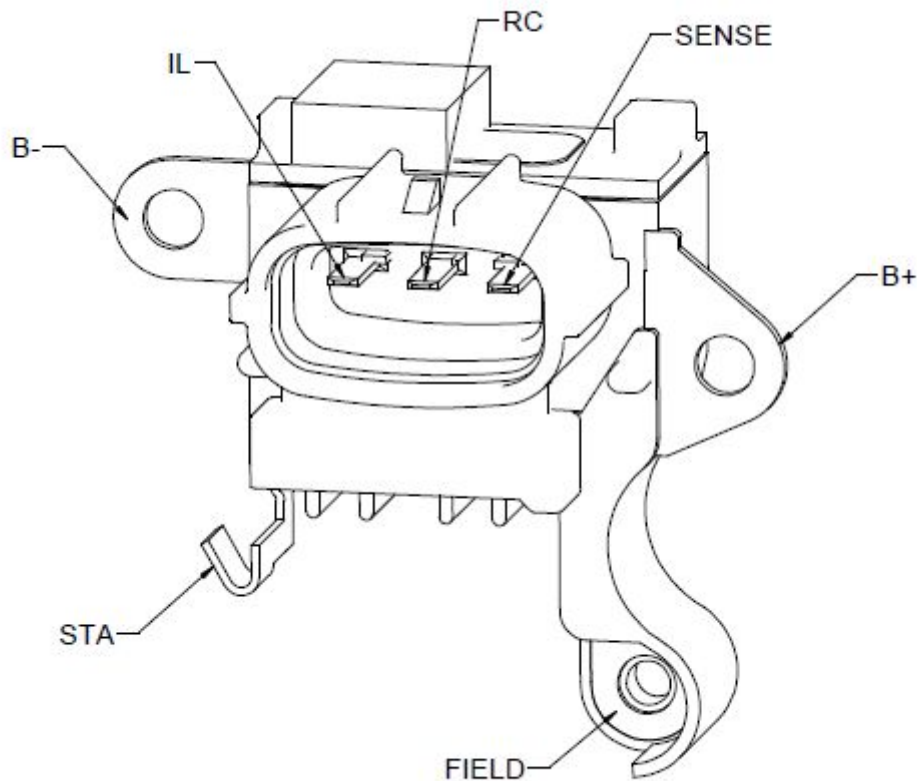
Use VRC2010 tester to complete RC voltage setpoint testing, Connect RC terminal to VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 12.9V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 14.8V.

\* The 13.5V Set Point indicate above is the 'default VSet' (no vehicle PCM input).



RC or STATOR activated



# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

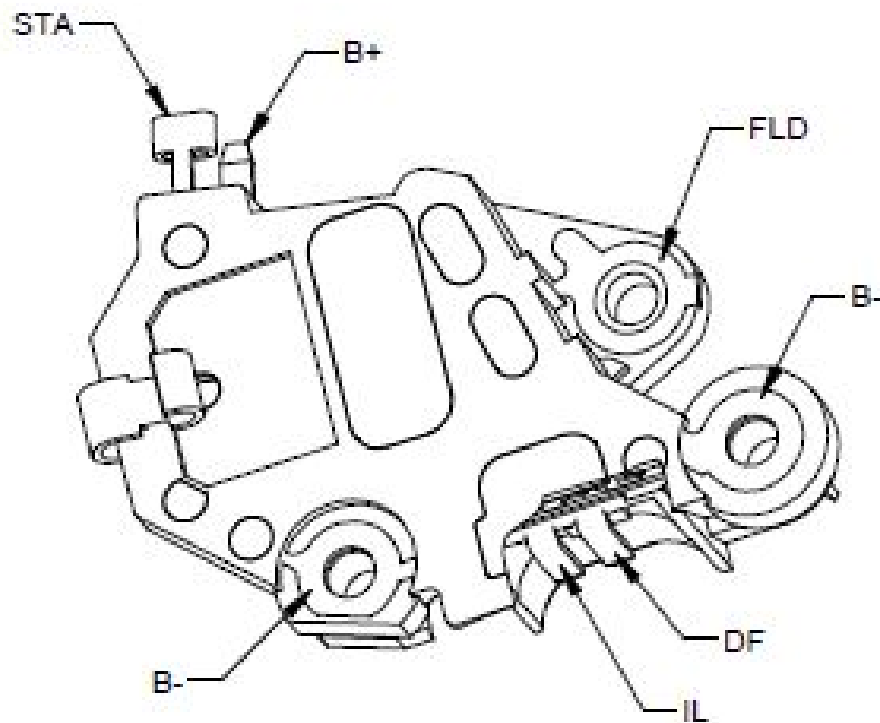
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
DE1650	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Push the Over Voltage button on the panel, the Lamp Light comes on.
2. Push the Choke Drive button on the panel, the Choke Light comes on.



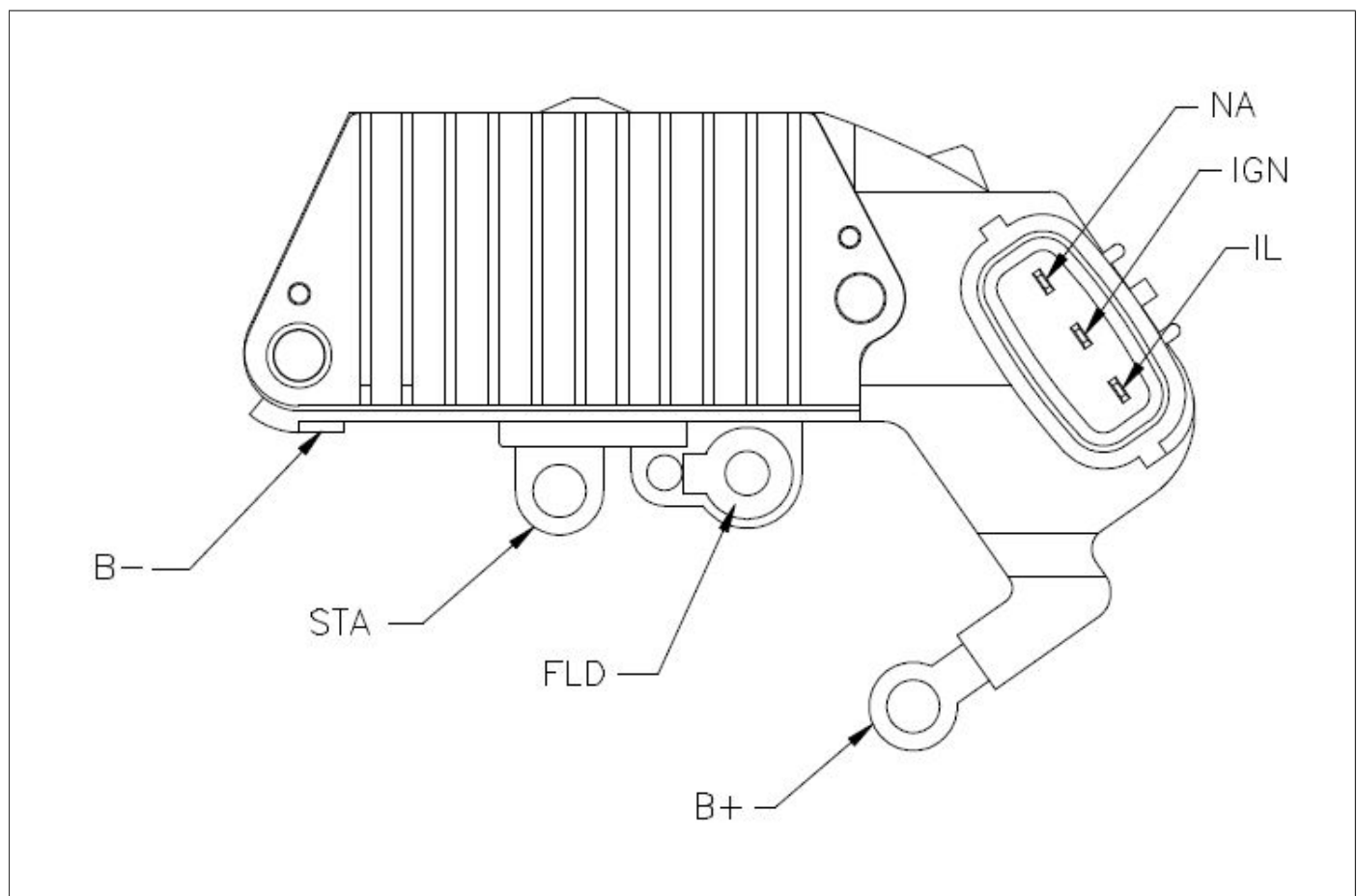
Stator Activated.

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN248	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**
  1. Push the Choke Drive button on the panel, the Choke light comes on.



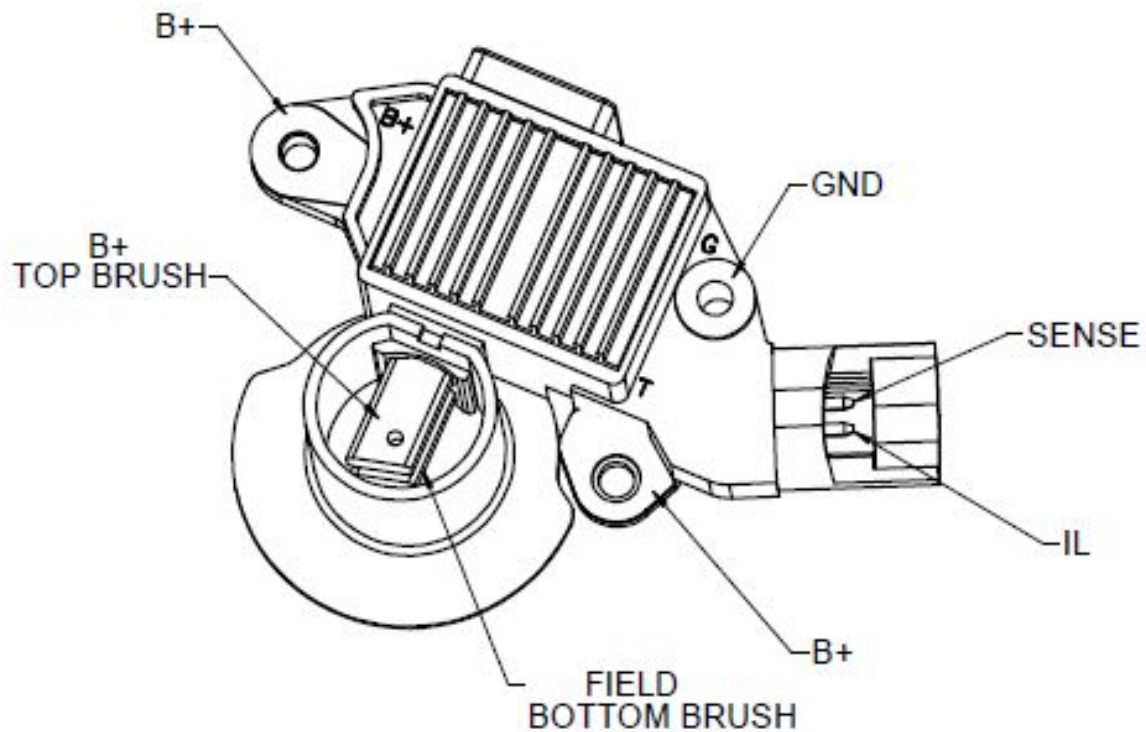
Ignition Activated

# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D850							

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

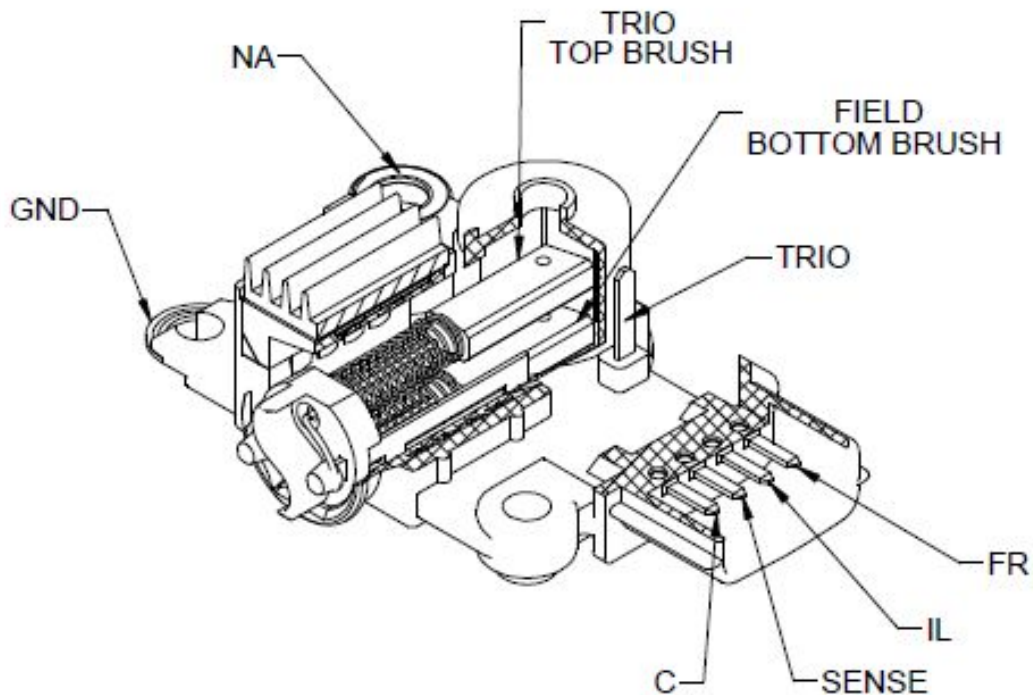
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY146	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect SENSE, the setpoint should be  $15.3 \pm 0.2V$ ,
2. Reconnect SENSE, then connect C terminal to the B-, the setpoint should be  $12.7 \pm 0.2V \pm 0.3V$ .



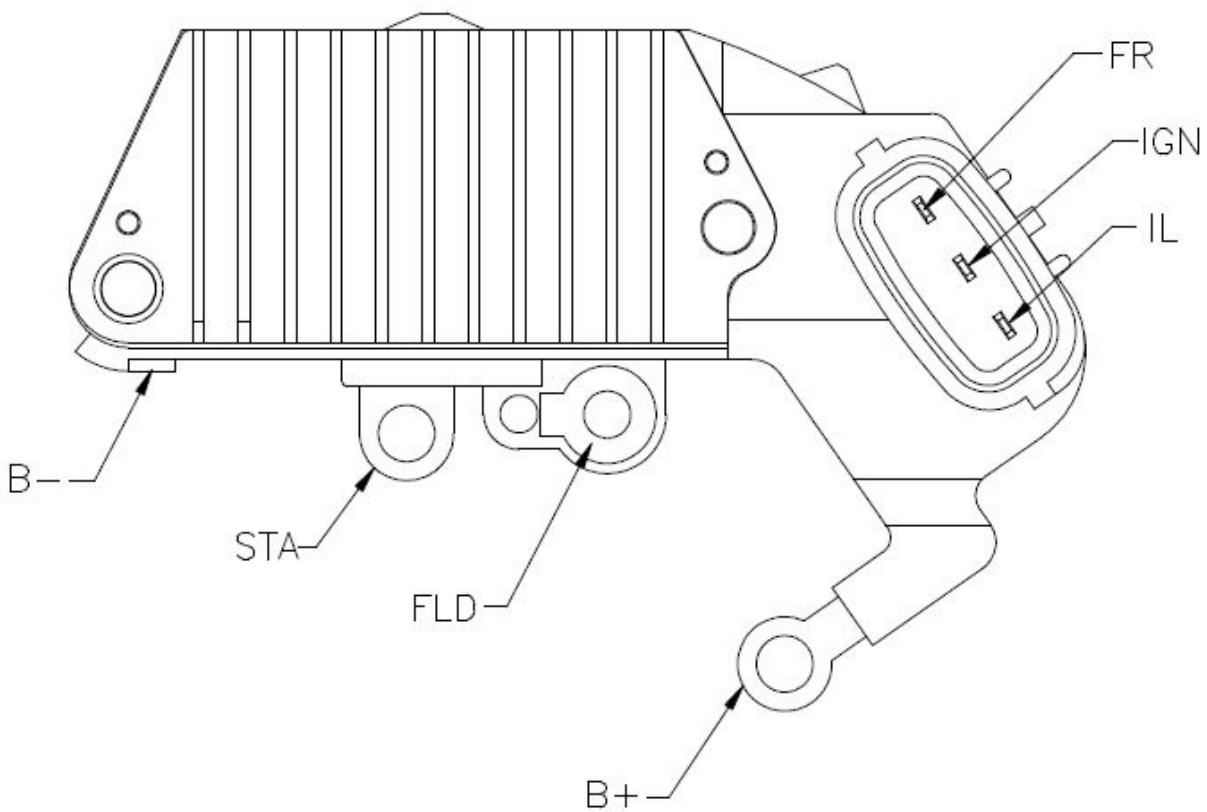
Light Activated.

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN330	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



Ignition Activated.

# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

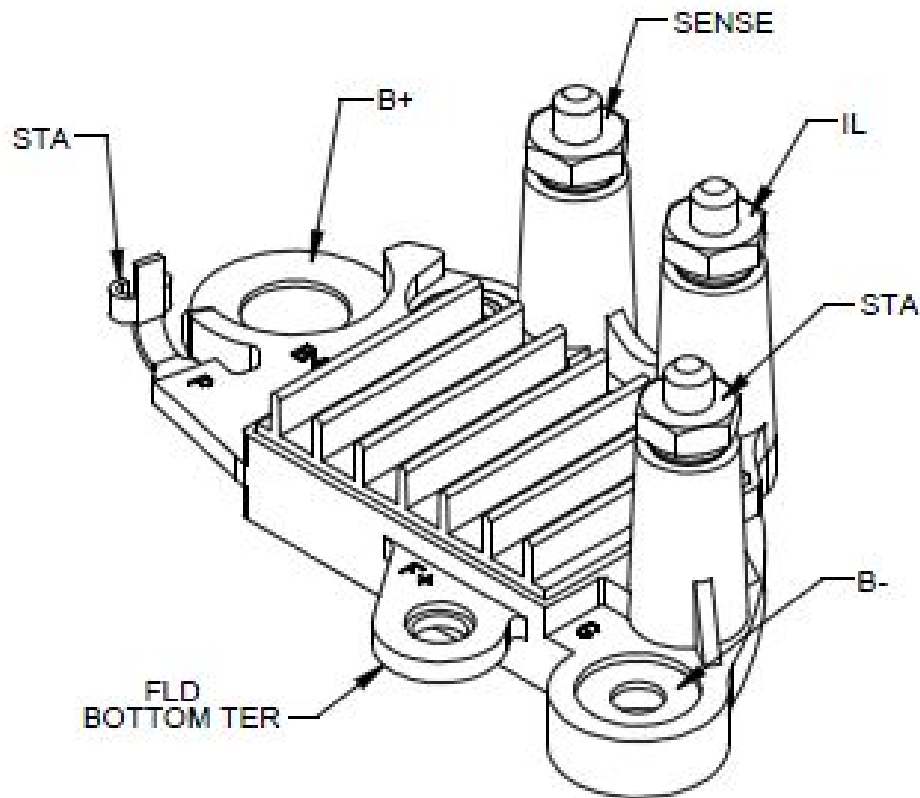
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D1332	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the set point should be 14.5 +/-0.2V.
2. Reconnect Sense and disconnect Stator, the Light Lamp comes on, and the Field Lamp dims.
3. Reconnect Stator, push the Over Voltage button on the panel, the Light Lamp comes on.
4. Push the Choke Drive button on the panel, the Choke Lamp comes on.



- Stator Activated
- Over Voltage Lamp
- Under Voltage Lamp
- Field, Lamp short circuit protection
- Active Lamp – With Output

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

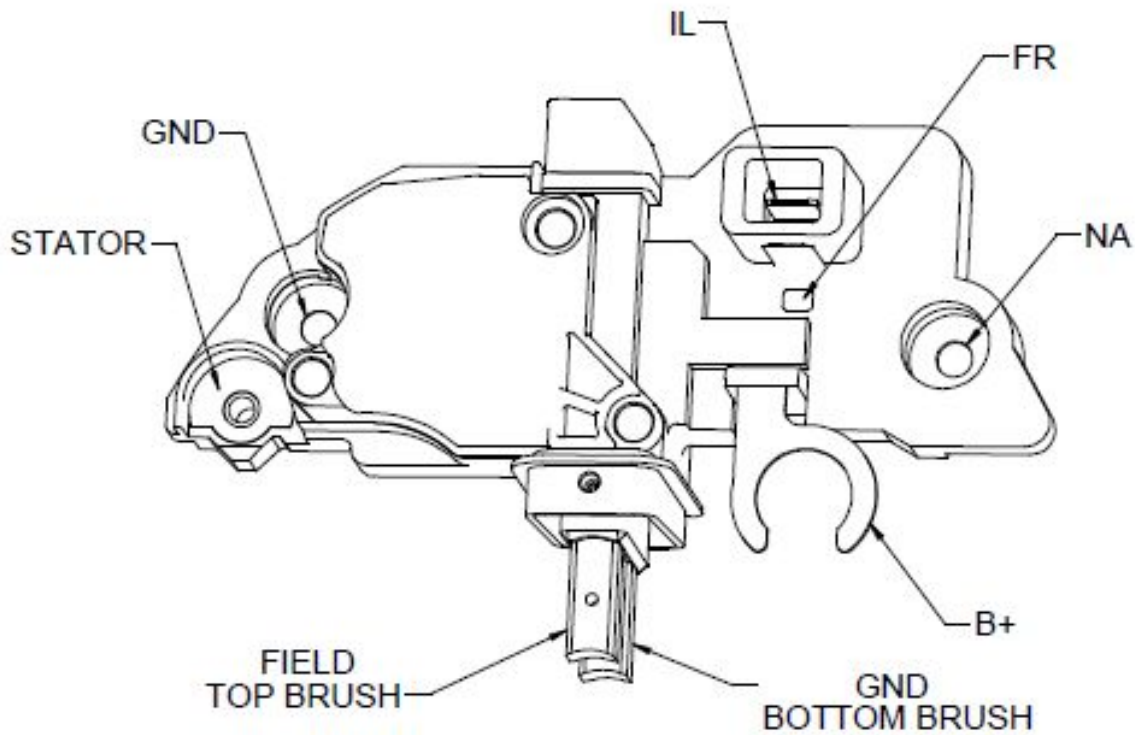
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5369	B	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Push the Choke Drive button on the panel, the Choke Light comes on.
2. Disconnect Stator, the Lamp Light comes on, the Field Lamp is dim.



Stator Activated

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

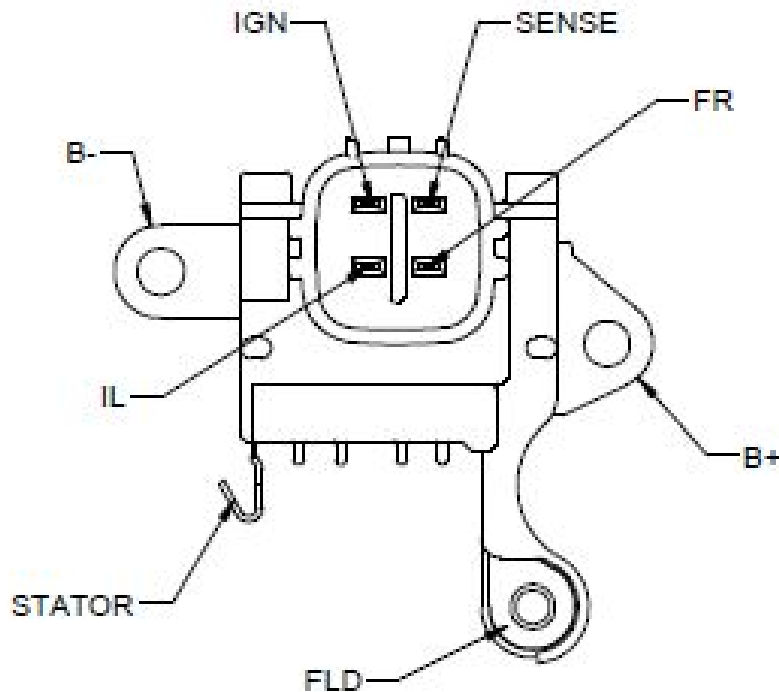
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6015	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint should be 13.9+/-0.2V and the Lamp Light comes on.
2. Reconnect Sense, and disconnect Stator, the Lamp Light comes on, and the field Light is dim.



Ignition Activated.

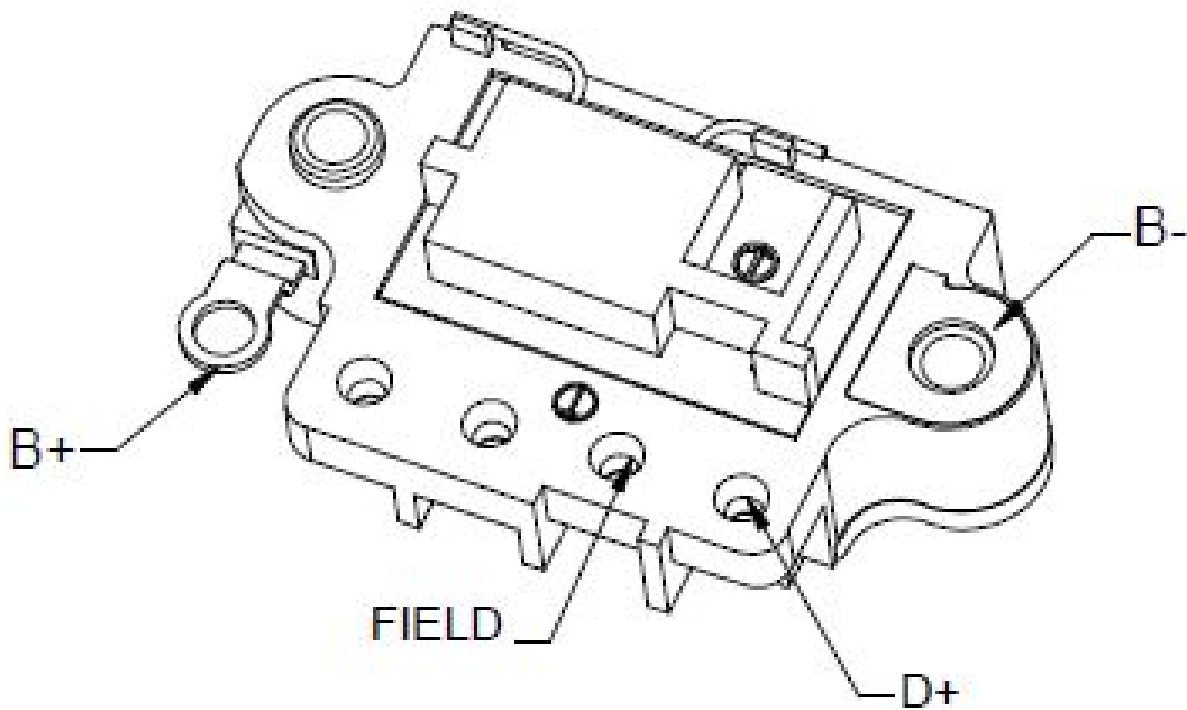


## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN9254	A	24	27.9				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



D+ Activated/Excited.

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

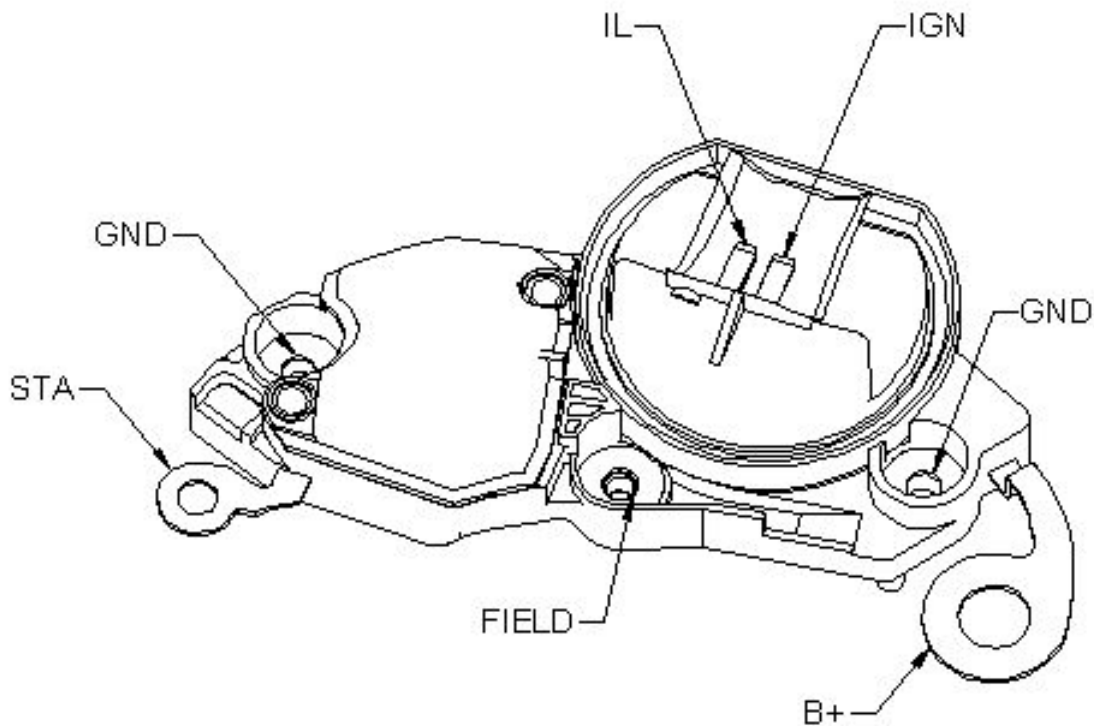
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB200	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator comes on and the Field Circuit LED should be dim.
2. Reconnect Stator, push the Over Voltage button on the panel, the Lamp Indicator comes on.
3. Push the Choke Drive button on the panel, the Choke Drive Indicator comes on.



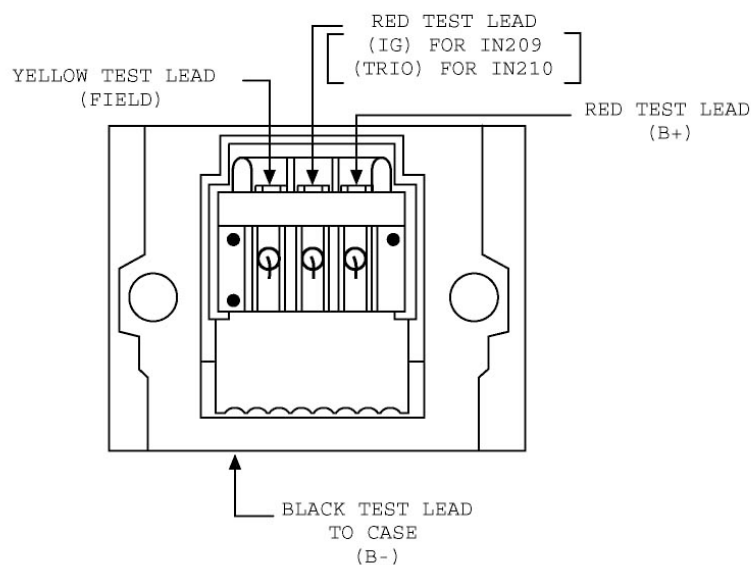
- VSet 14.4 +/- 0.2
- 15-61E Terminals (15=IGN, 61E=IL/Lamp)
- With Soft Start & LRC
- Ignition, Lamp, or Stator Activated
- Active Lamp - With Output

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN209	A	12	14.5				
IN210	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

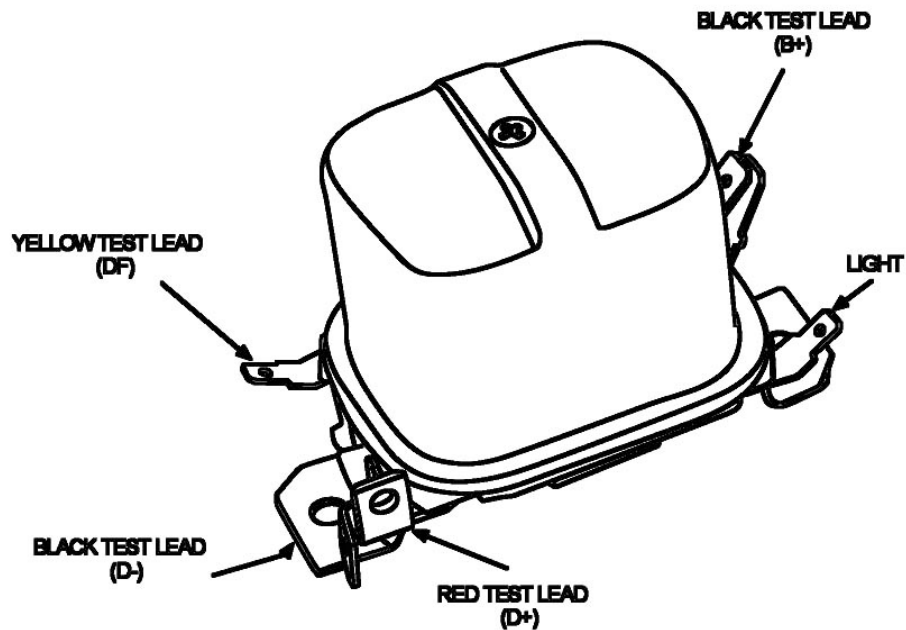


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB390	A	A	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

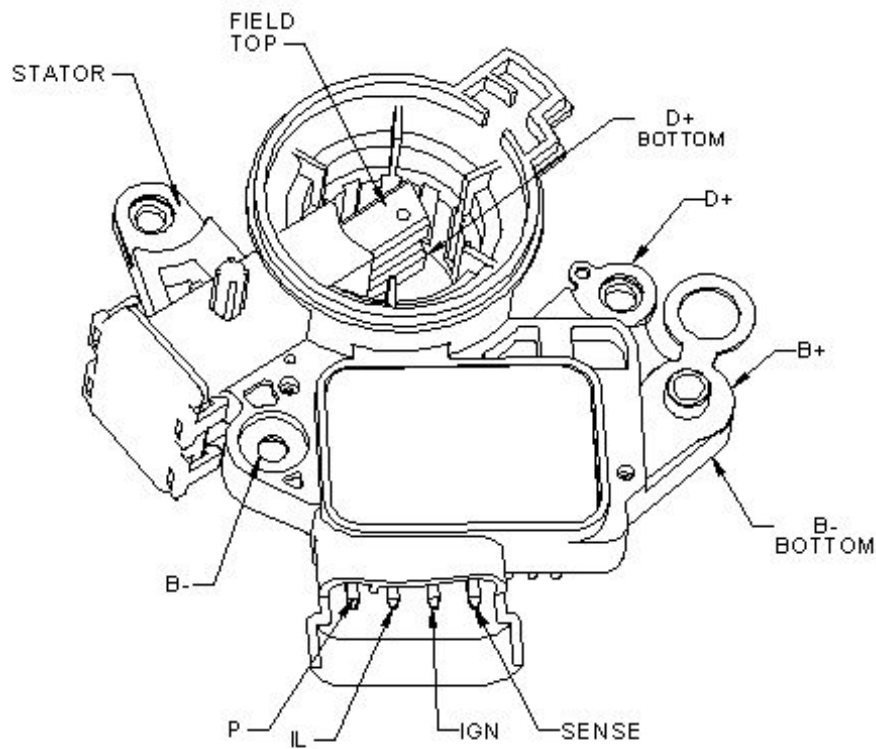


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D2295	A	12	14.7				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**
  1. Disconnect Sense, the set point should be 15.55+/-0.2V.



Light or Ignition Activated.

# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI851HD	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

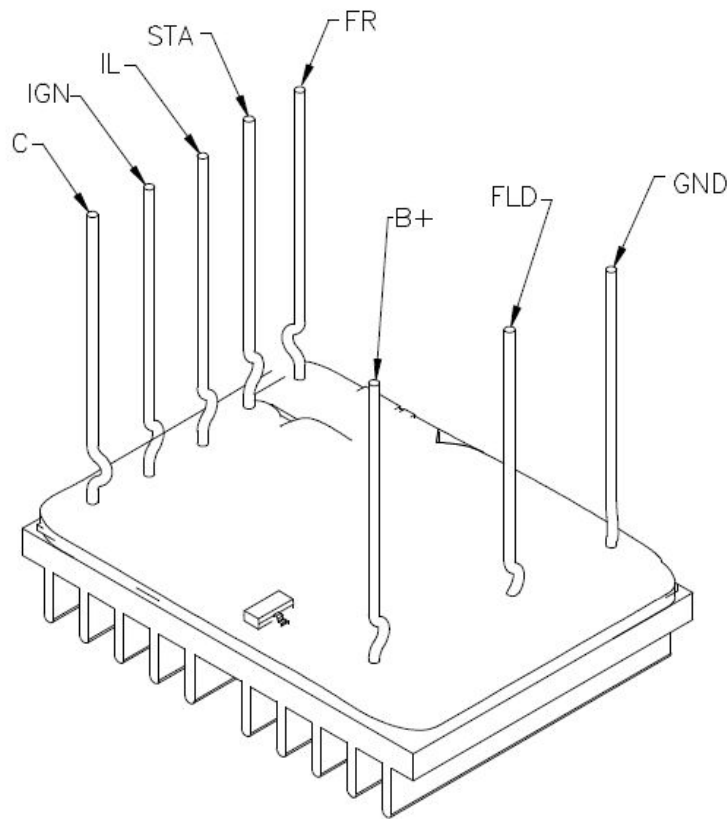
### 3. Amendments or Additional Tests:

Do not connect FR and C.

1. Disconnect Stator, the Lamp Indicator comes on and the Field Circuit LED should be dim.

2. Reconnect Stator, and connect the C terminal to B-, the set point should be 12.6+/-0.2V.

3. Disconnect C terminal, push the Over Voltage button on the panel, the Lamp Indicator comes on.



- Lamp Activated
- With soft start and LRC
- Over Voltage Lamp function

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

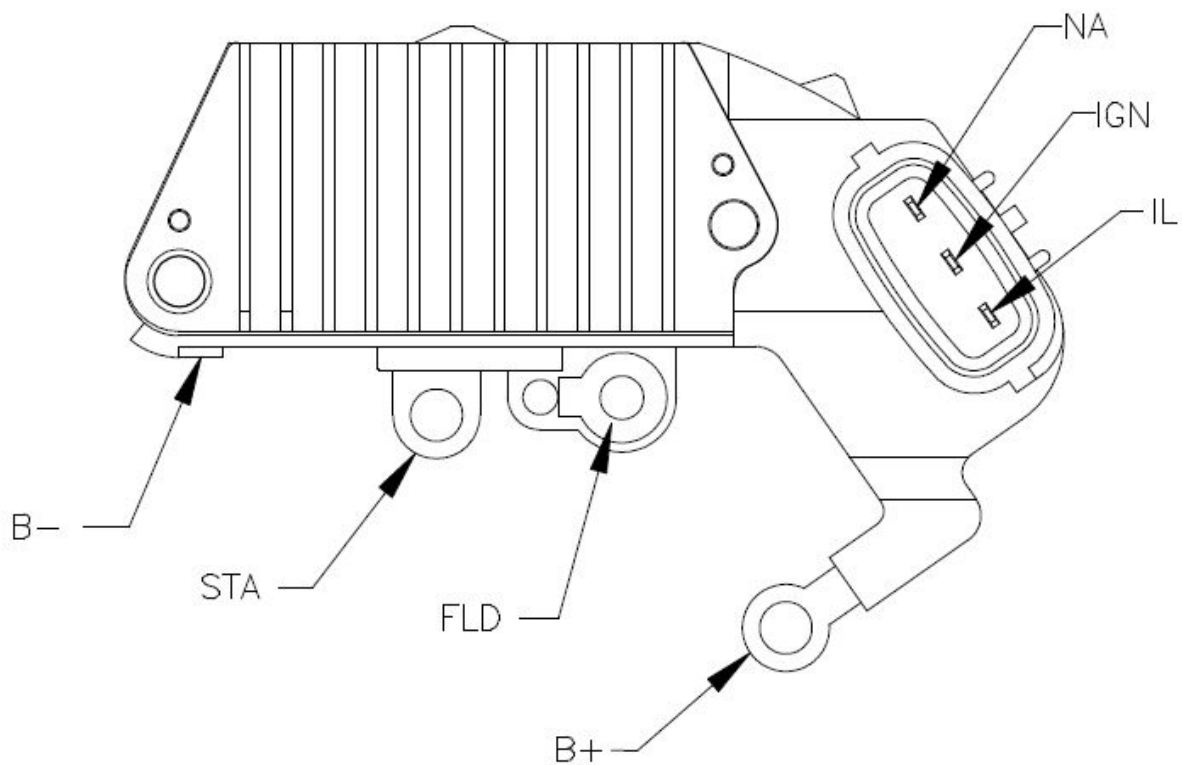
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN373	A	24	28.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator comes on, and the Field Circuit LED comes dim.
2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator comes on.



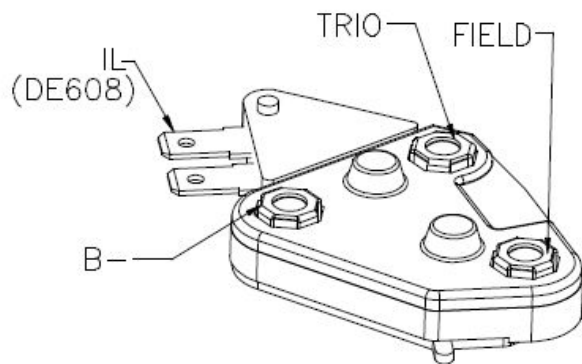
Ignition Activated  
Active Lamp -- With Output  
With Soft Start

# TRANSPO TESTER INSTRUCTIONS

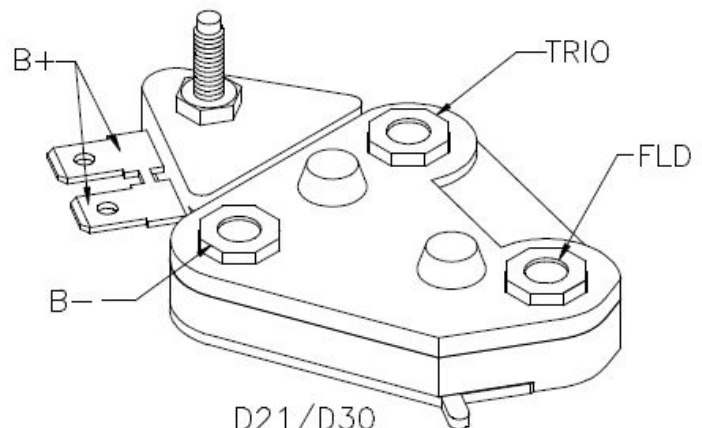
for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D10	A	12	14.8	D21	A	12	14.0
D10SE8	A	8	9.6	DE610	A	12	14.7
D10SE24	A	24	27.5	D30	A	24	27.5
DE608	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



D10/D10SE8/D10SE24/DE610



D21/D30

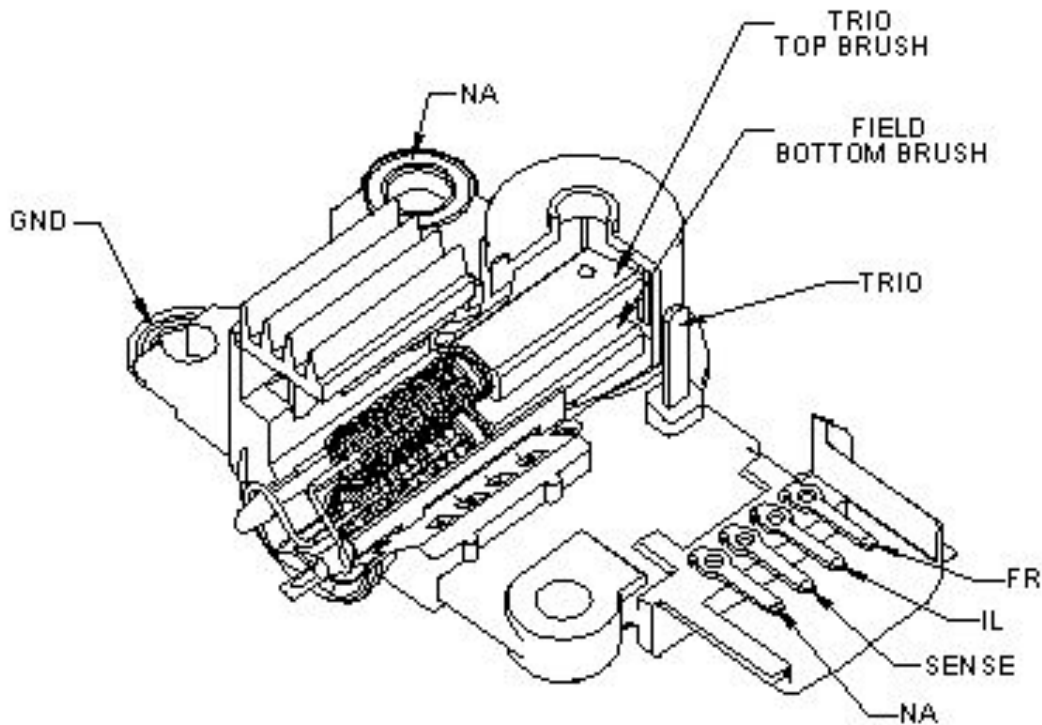


# TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY145	A	12	14.4				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**
  1. Disconnect Sense, the setpoint should be 15.3+/-0.2v.



Light Activated.

# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5353	A	12	14.4				

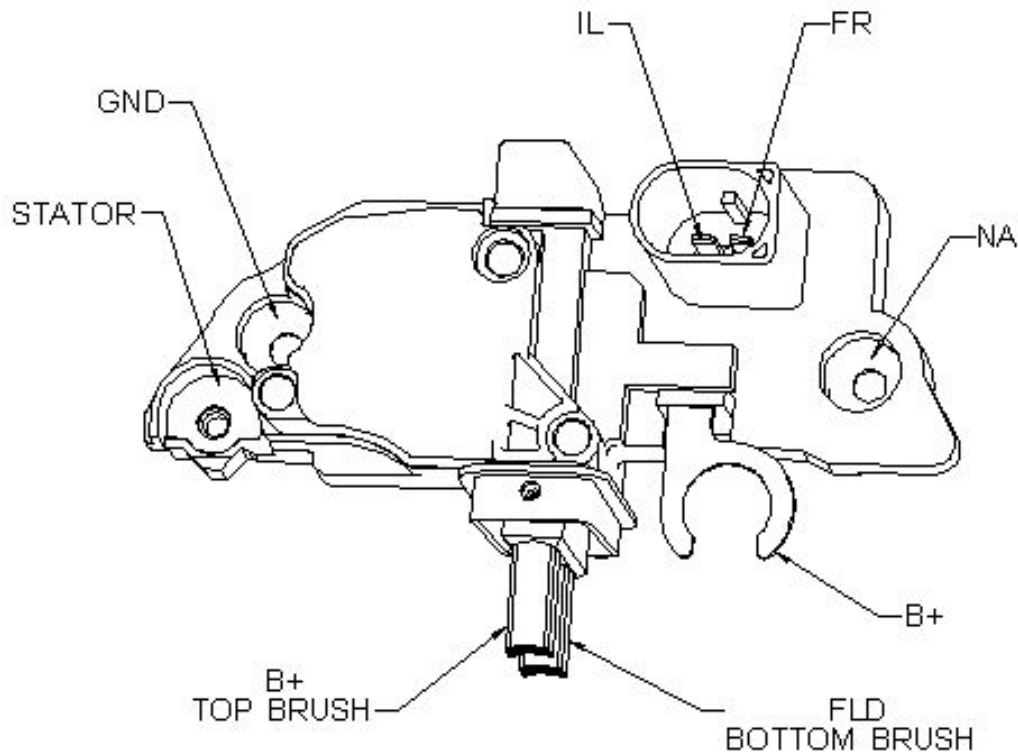
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove test lead from terminal marked "Stator" - the Field light and Lamp will come on and Voltage will show 12 volts.

Push the Choke Drive button on the panel, the Choke Drive Indicator will come on.



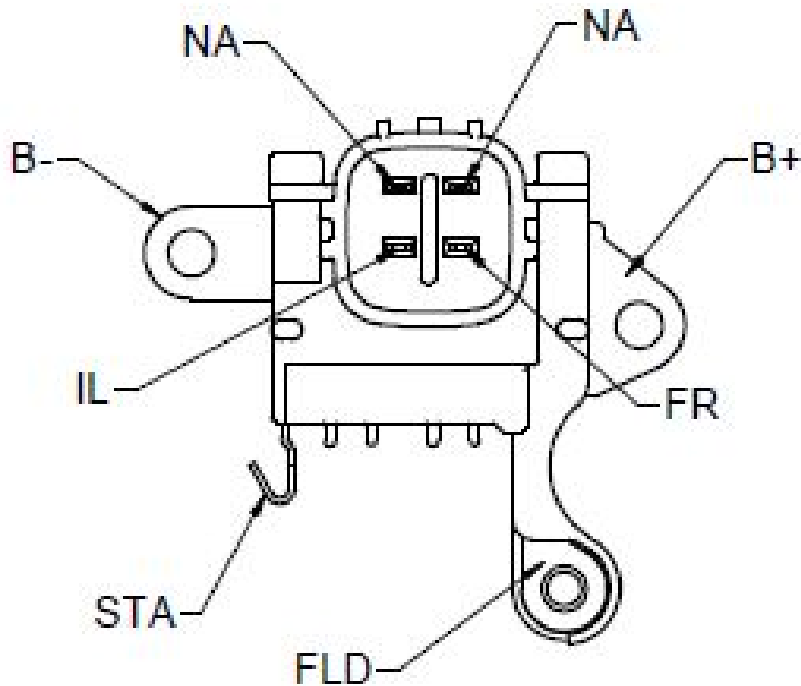
- L-FR Terminals
- With LRC and Soft Start
- Active Lamp Circuit - with Output
- VRC101-34 adapter shown for enhance stator signal, not all late model regulators need enhance signal

## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6308	B	12	14.45				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**
  1. Disconnect Stator, the Lamp Indicator comes on and the Field Circuit LED will dim.



Light Activated  
Soft Start  
2.2s LRC

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

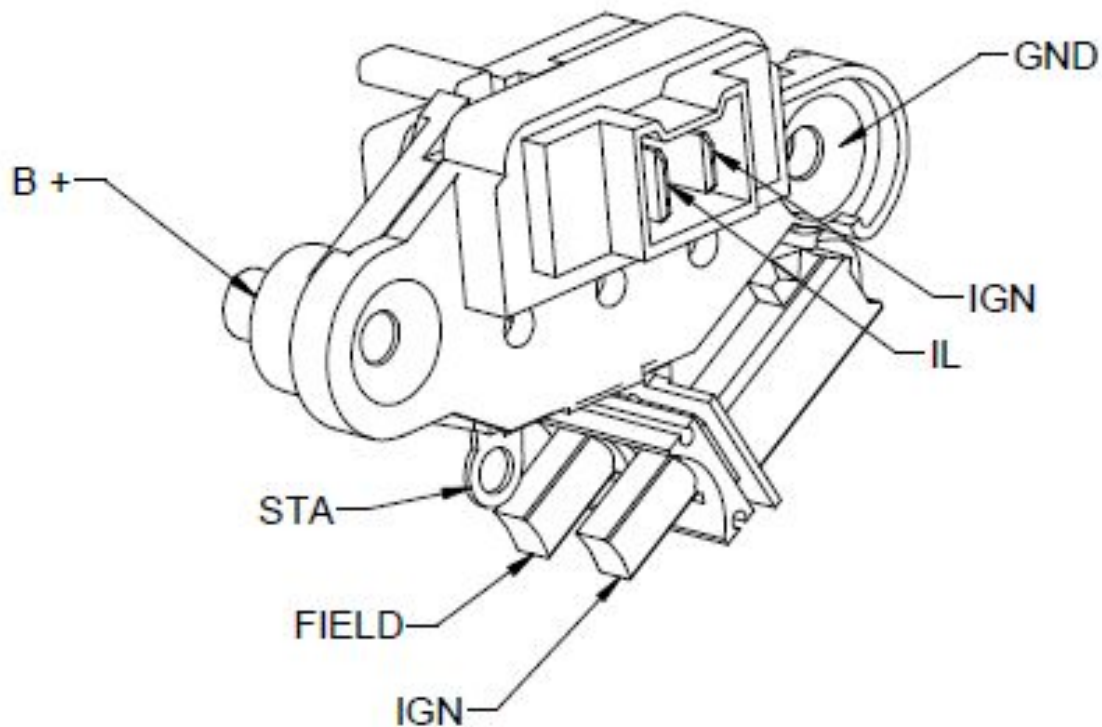
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M512HD	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Push the Over Voltage button on the panel, the Lamp Indicator comes on.
2. Disconnect Stator, the Lamp Indicator comes on.



Ignition Activated  
With Soft Start  
Over Voltage and Under Voltage lamp

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

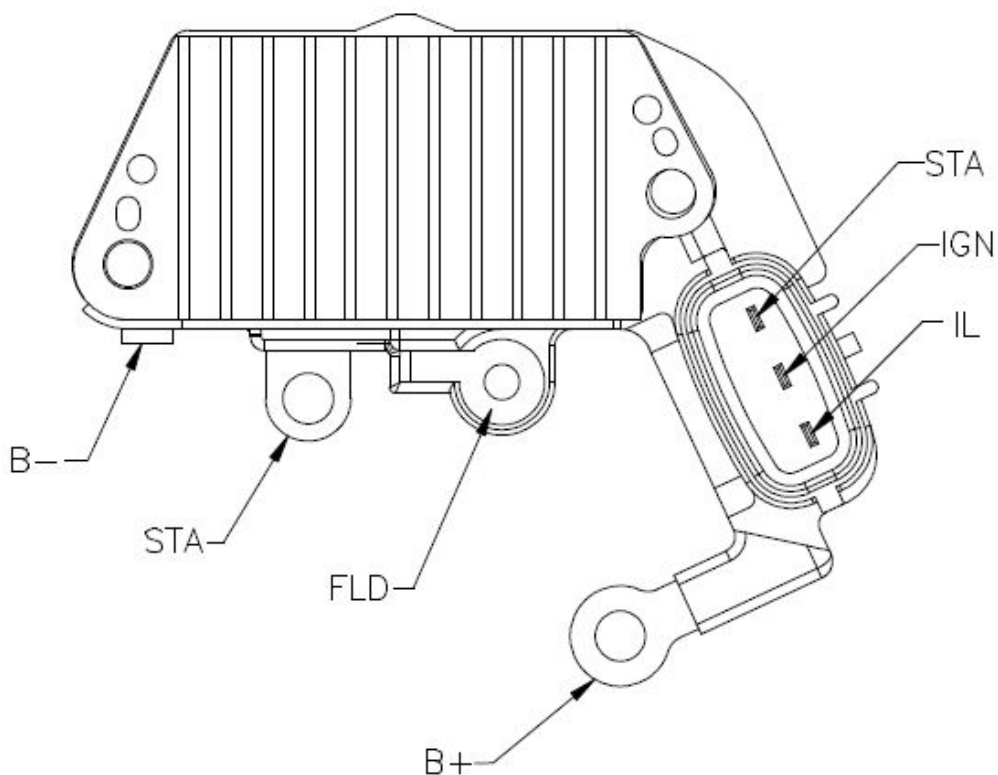
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN348	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

1. Disconnect Stator, the Lamp Indicator comes on.
2. Reconnect Stator, Push the Choke Drive button on the panel, the Choke Drive Indicator should be on.



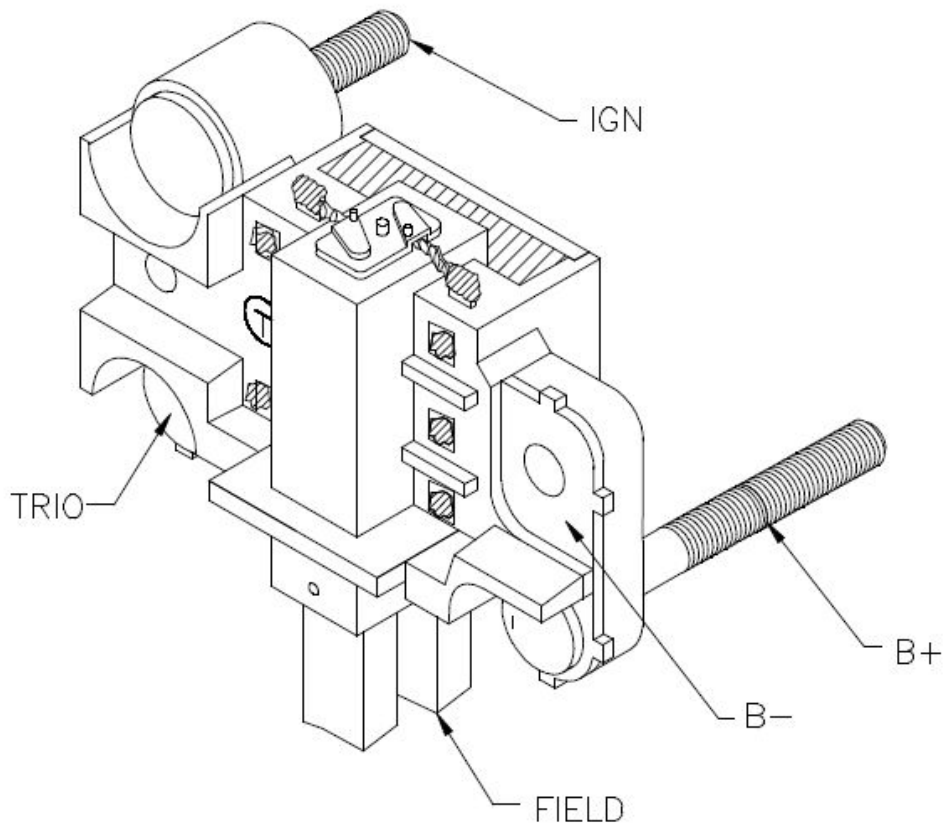
Ignition Activated  
Soft Start  
Under Voltage Lamp  
P-IG-L Terminal Function  
Active Lamp -- With Output

# TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY289	A	12	14.2				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**
  1. Disconnect Sense, the setpoint should be 15.6+/-0.2V.



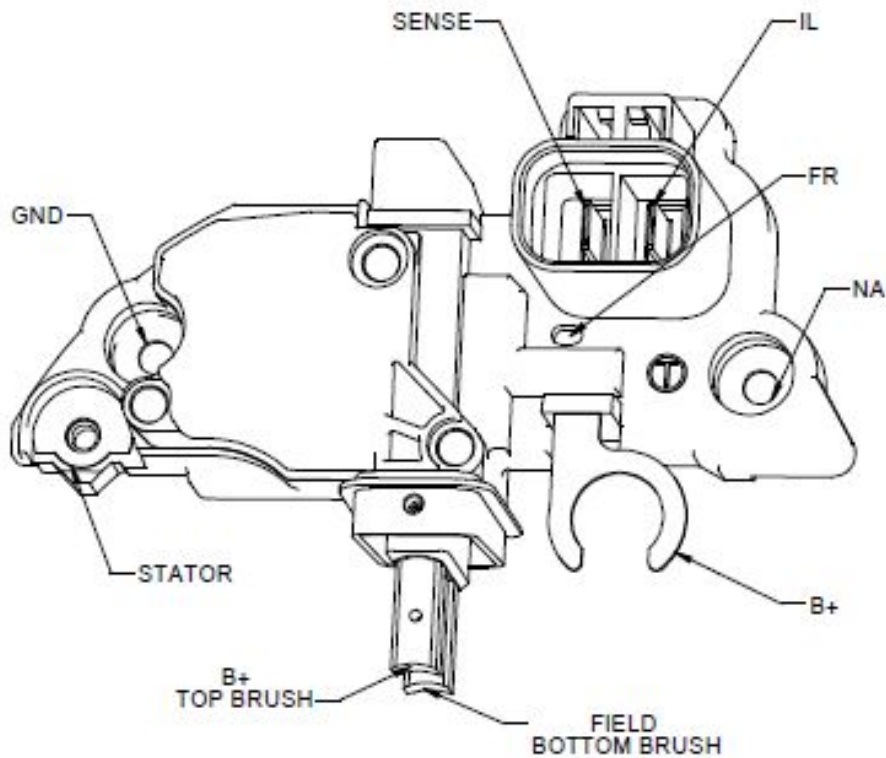
Ignition Activated.

# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB347	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

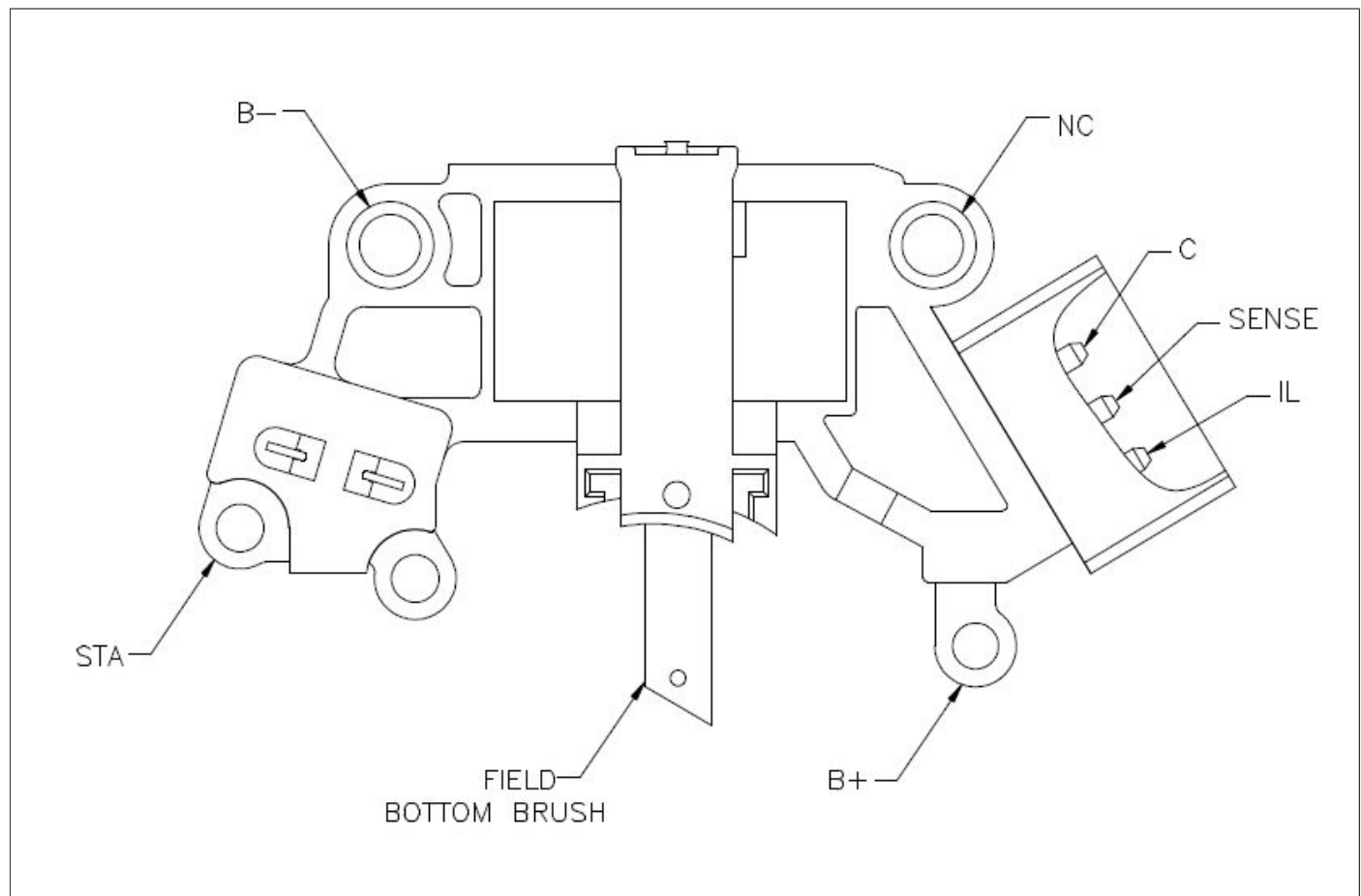
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH743	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint is  $15.3 \pm 0.2V$
2. Reconnect Sense, connected C to B-, the setpoint should be  $12.75 \pm 0.25 / -0.15V$ .
3. Disconnect C, disconnect Stator, the Lamp Indicator comes on.
4. Reconnect Stator, push the Over Voltage button on the panel, the Lamp Indicator comes on.



Lamp Activated.  
Over Voltage, Under Voltage Lamp.

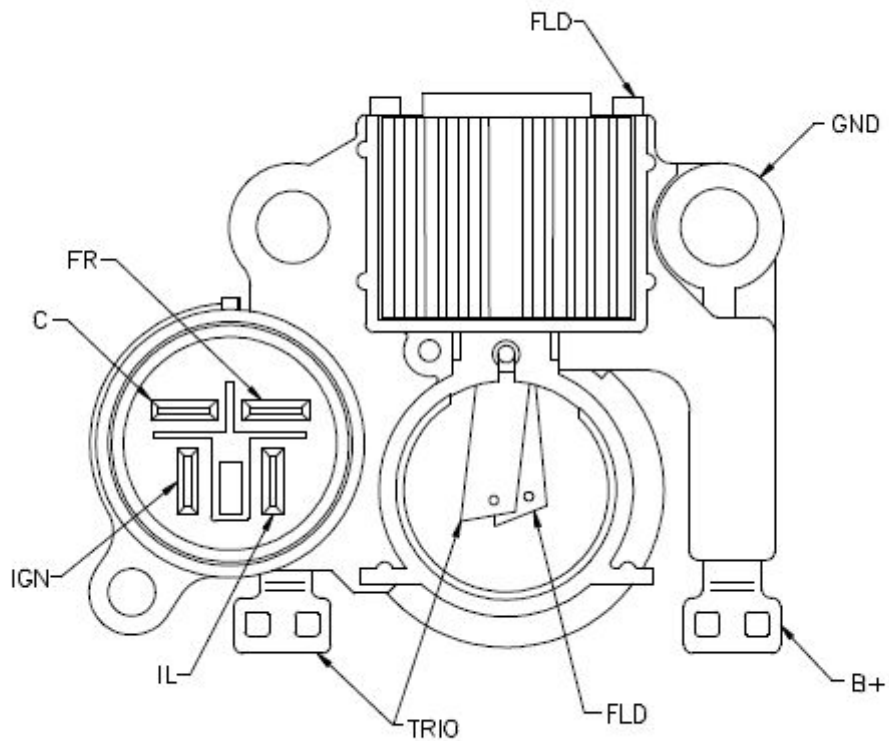


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM844	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**
  1. Connect C to B-, the setpoint should be 12.6-0.5/+0.4V.



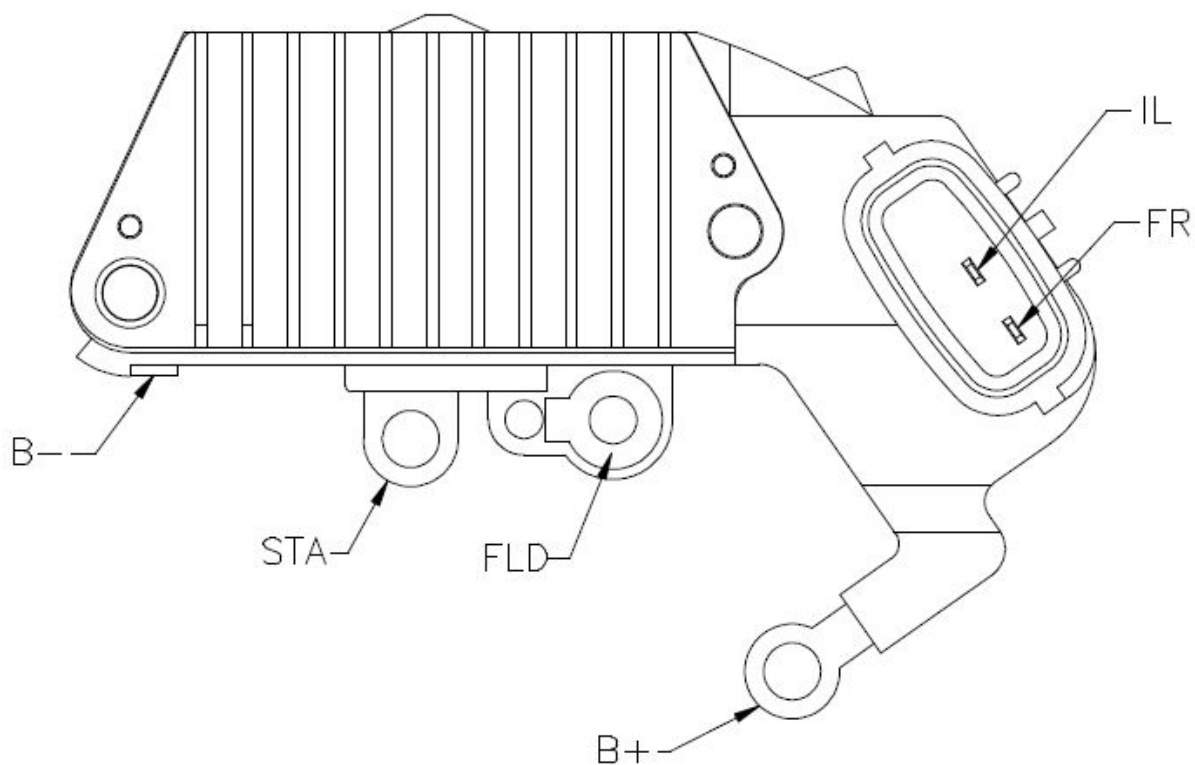
Ignition Activated.  
Trio input turns off charge indicator lamp.

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN454	B	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**
  1. Disconnect Sense, the Lamp Indicator comes on.



Stator or Light Activated.  
Under Voltage Lamp  
Soft Start & LRC function.

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M527	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

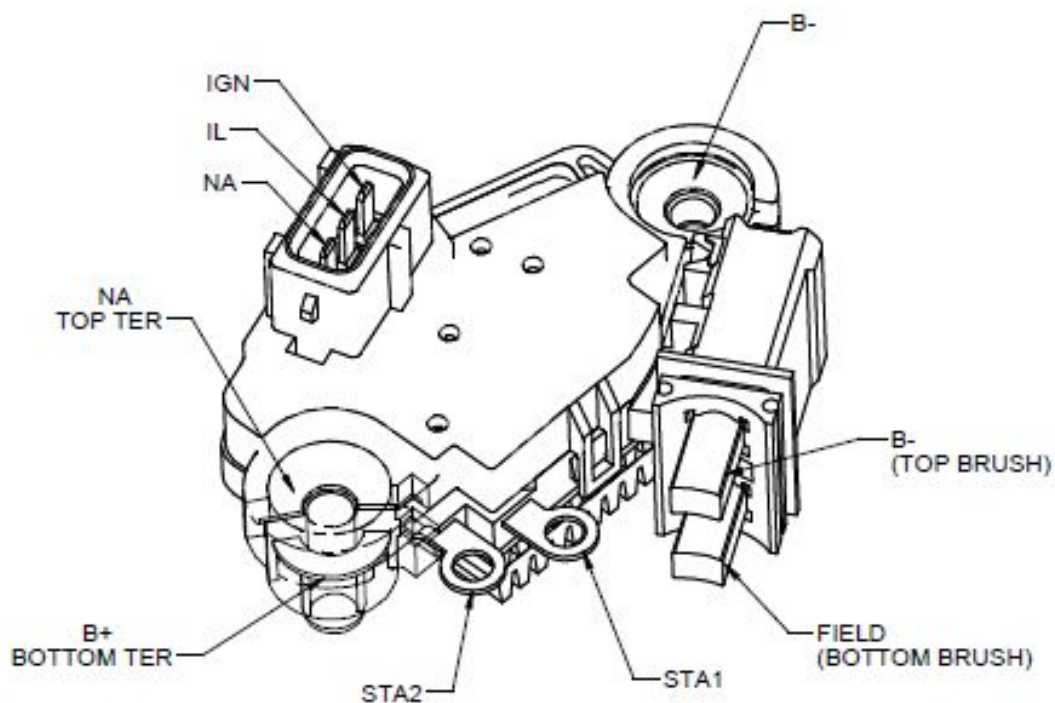
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. disconnect Stator, the Lamp Indicator comes on, and the Field Circuit led should be dim.

2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator comes on.



Stator Activated.  
Soft Start & LRC function  
Active Lamp -- With Output

# TRANSPON TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6329	B	12	13.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

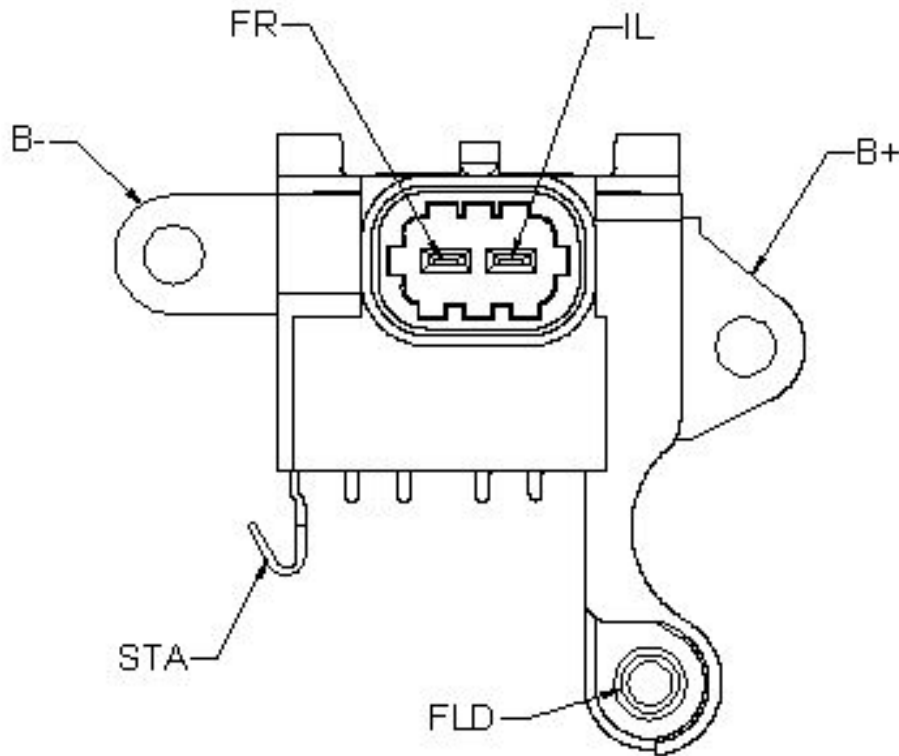
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Use VRC2010 tester to complete RC voltage setpoint testing:

1. Connect RC terminal to VRC2010 tester.
2. Adjust Comm Voltage switch to position 13, Setpoint is 11.8.
3. Adjust Comm Voltage switch to position 14, Setpoint is 13.3V.
4. Adjust Comm Voltage switch to position 15, Setpoint is 14.4V.

\* The 13.8V Set Point indicate above is the 'default VSet' (no vehicle PCM input).



Stator or RVC Activated

# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

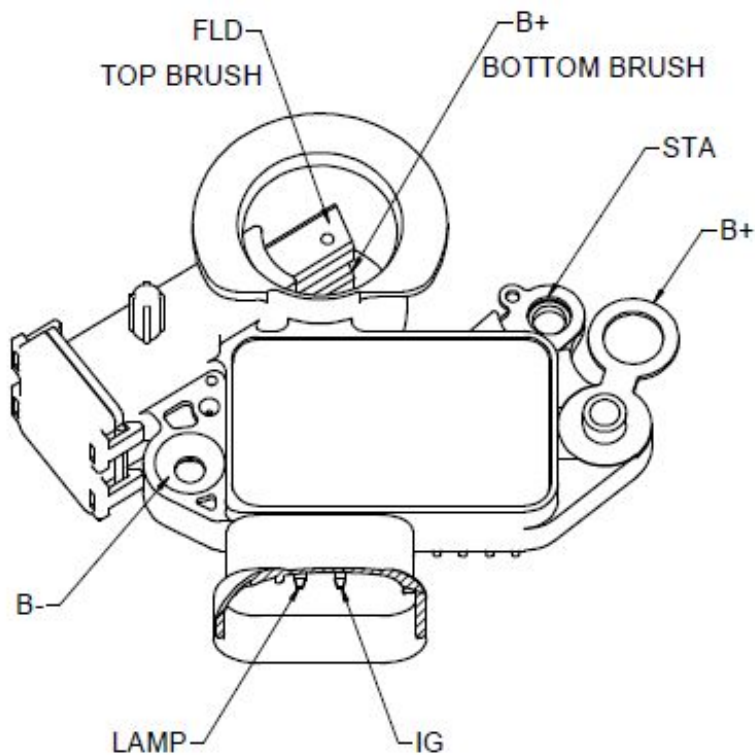
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D2206	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator comes on.
2. Reconnect Stator, push the Over Voltage button on the panel, the Lamp Indicator should be on.
3. Push the Field Diode button on the panel, the Field Diode LED should be on.



Soft Start & LRC function  
 Ignition or Light Activated  
 Over Voltage and Under Voltage Lamp  
 Standard Lamp -- Without output

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

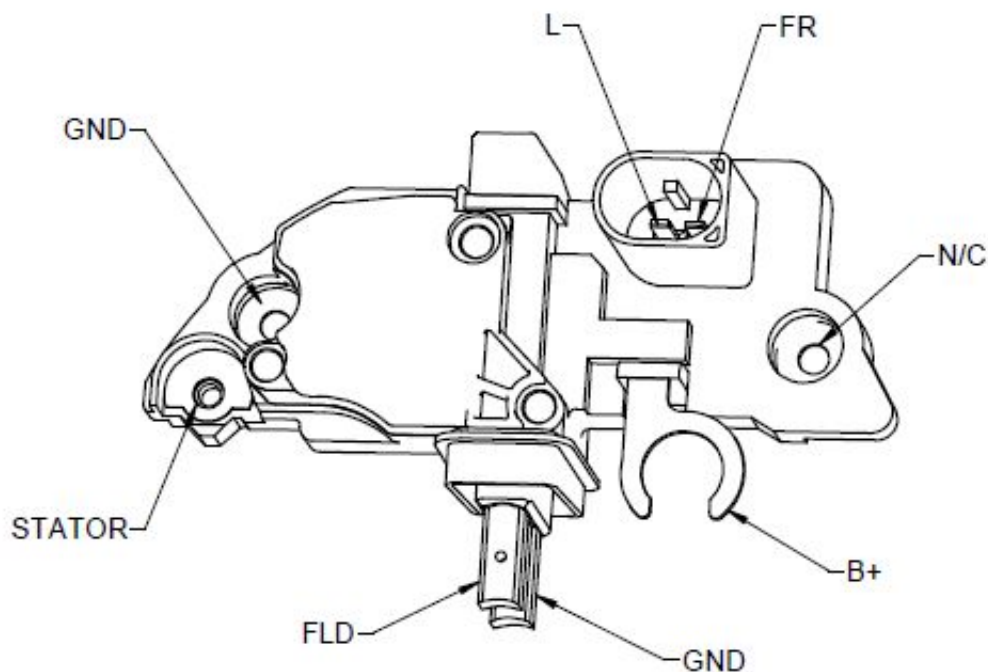
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB861	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator comes on.
2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator comes on.



Stator or Light Activated.  
Soft Start & LRC function  
Active Lamp -- With Output

# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

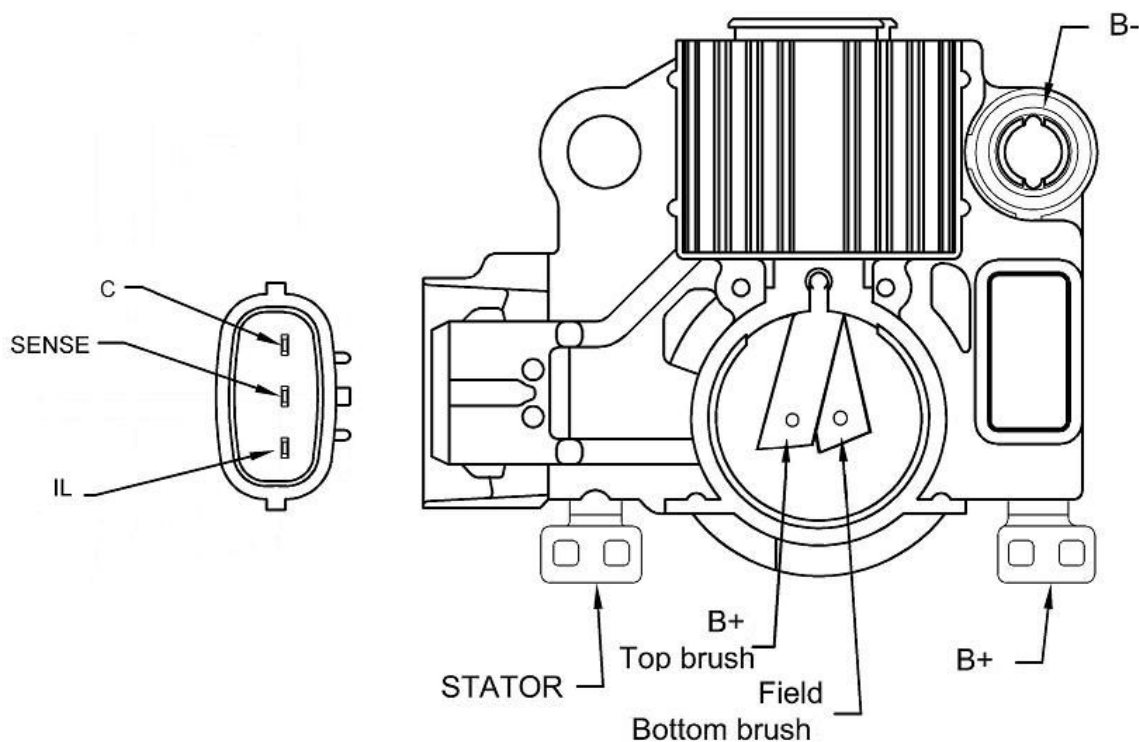
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM472HD	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

1. Disconnect Sense, the setpoint should be 15.6+/-0.2V.
2. Reconnect sense, and connect C to B-, the setpoint should be 12.7+/-0.2V.
3. Disconnect C, Disconnect Stator, the Lamp Indicator comes on.
4. Reconnect Stator, push the Over Voltage button on the panel, the Lamp Indicator should be on.



Light Activated  
Soft Start & LRC function  
With C-function  
Over Voltage Lamp  
Standard Lamp -- Without Output

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

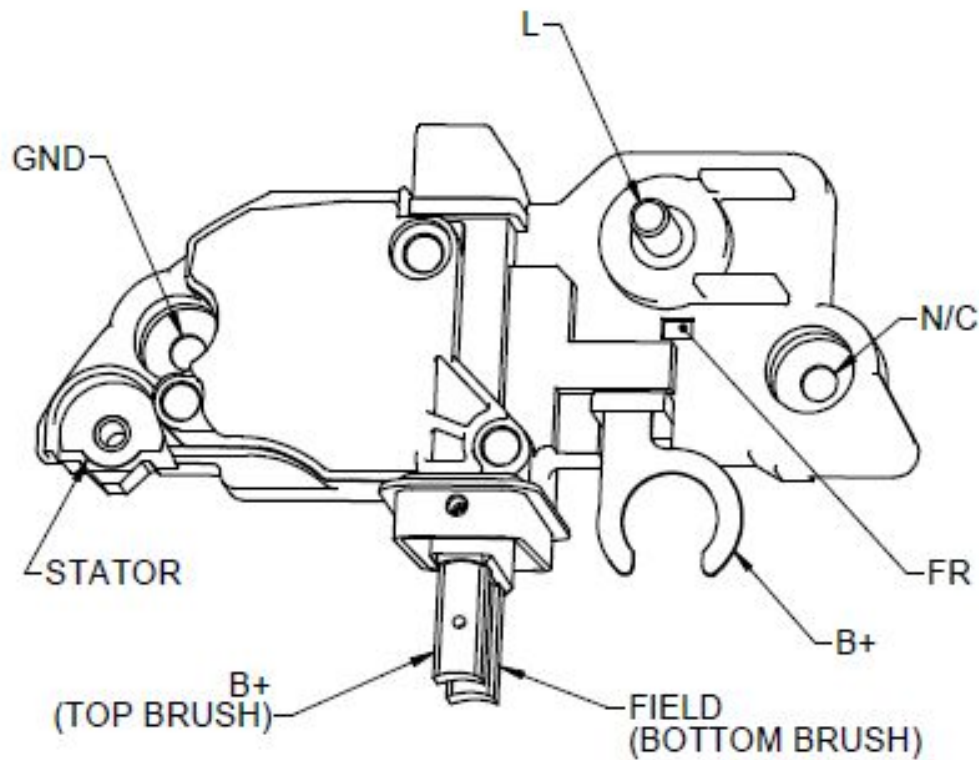
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB677	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator comes on.
2. Reconnect Stator, push the Over Voltage button on the panel, the Lamp Indicator comes on.
3. Push the Choke Drive button on the panel, the Choke Drive Indicator comes on.



Light or Stator Activated  
Soft Start  
2 seconds LRC  
Over Voltage Lamp  
Active Lamp -- With Output



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

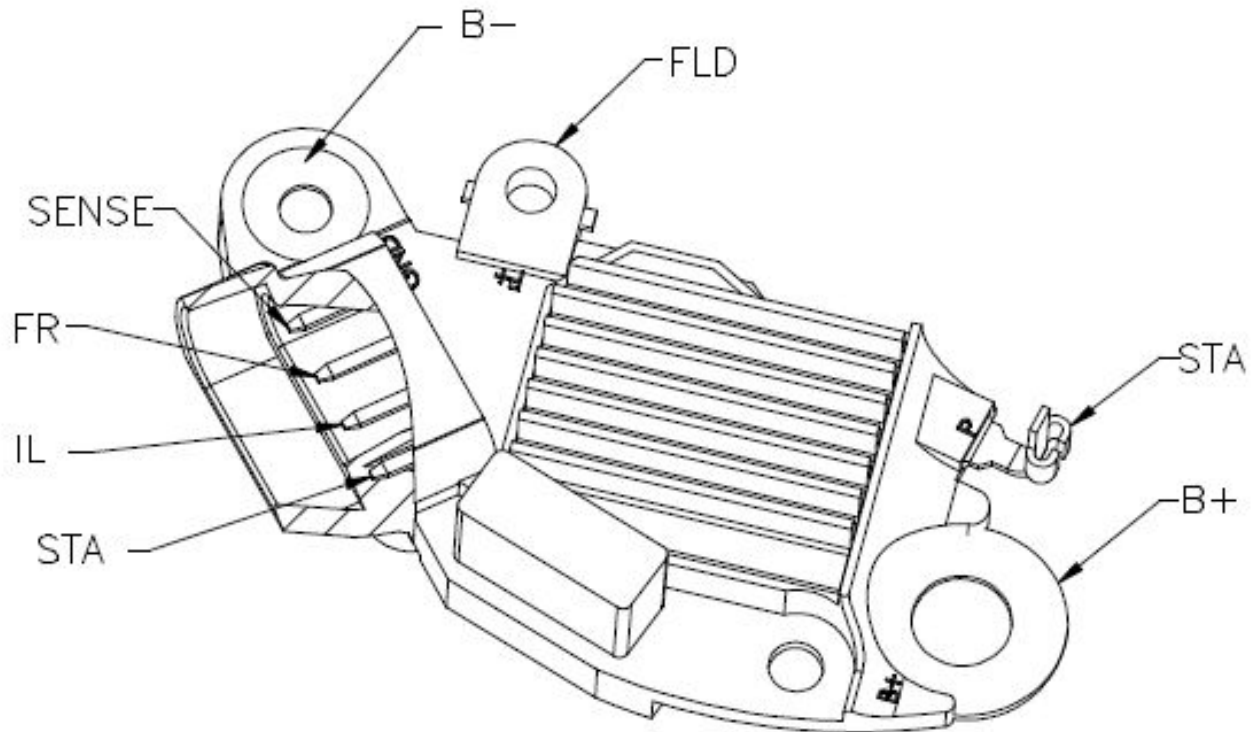
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D3232	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint should be 14.2+/-0.2V.
2. Reconnect Sense, disconnect Stator, the Lamp Indicator comes on.
3. Reconnect Stator, push the Over Voltage button on the panel, the Lamp Indicator comes on.



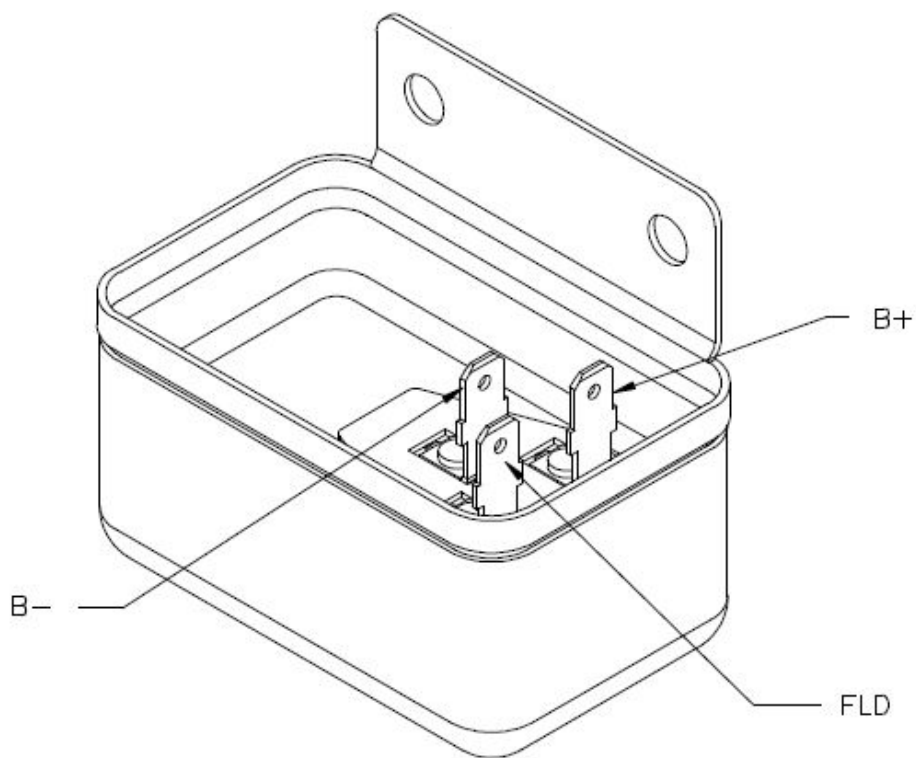
Light Activated  
Soft Start  
2.5s LRC function  
Over Voltage, Under Voltage Lamp  
Standard Lamp -- Without Output

# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB307BZ	B	24	28.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



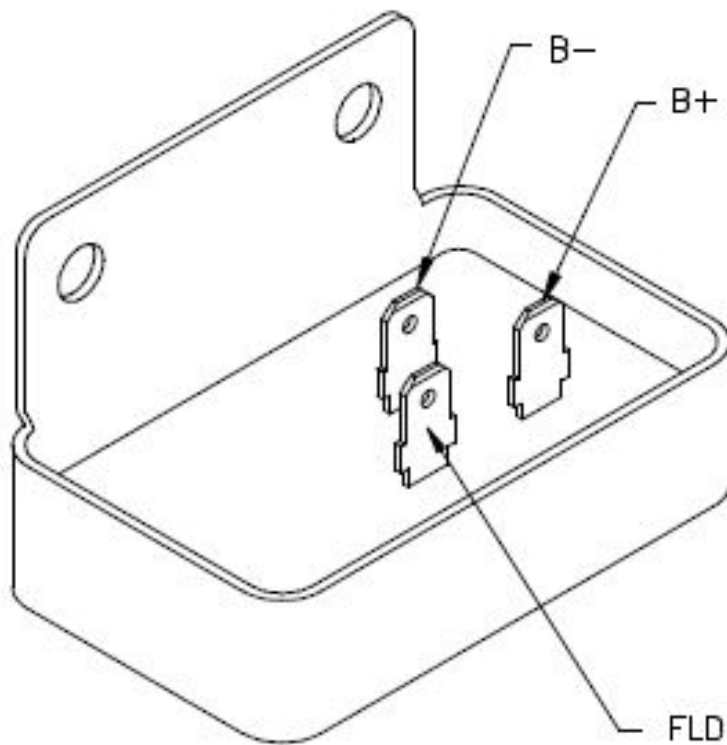
Trio Excited.  
Trio connected to Light

# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB308BZ	B	24	28.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



Trio Excited.  
Trio connected to Light.

# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH741	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

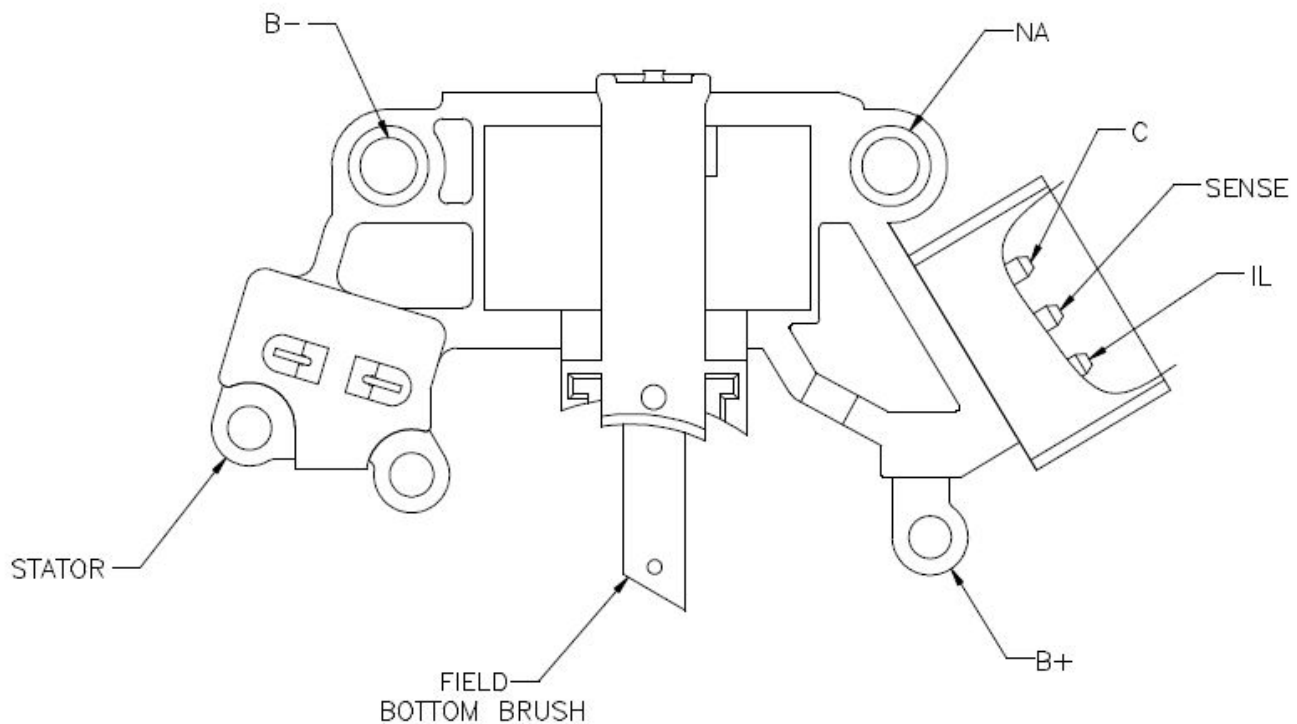
### 3. Amendments or Additional Tests:

Connect the C terminal to VRC2010, push the COMPUTER button to check the C function.

1. Disconnect Sense, the setpoint should be 15.2+/-0.2V

2. Reconnect Sense, disconnect Stator, the Lamp Indicator comes on.

3. Reconnect Stator, connect C to VRC2010, the setpoint should be 13.0+/-0.2V.



Light Activated.

Soft start

9s LRC

Field, Lamp short circuit protection

Standard Lamp. without output

# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

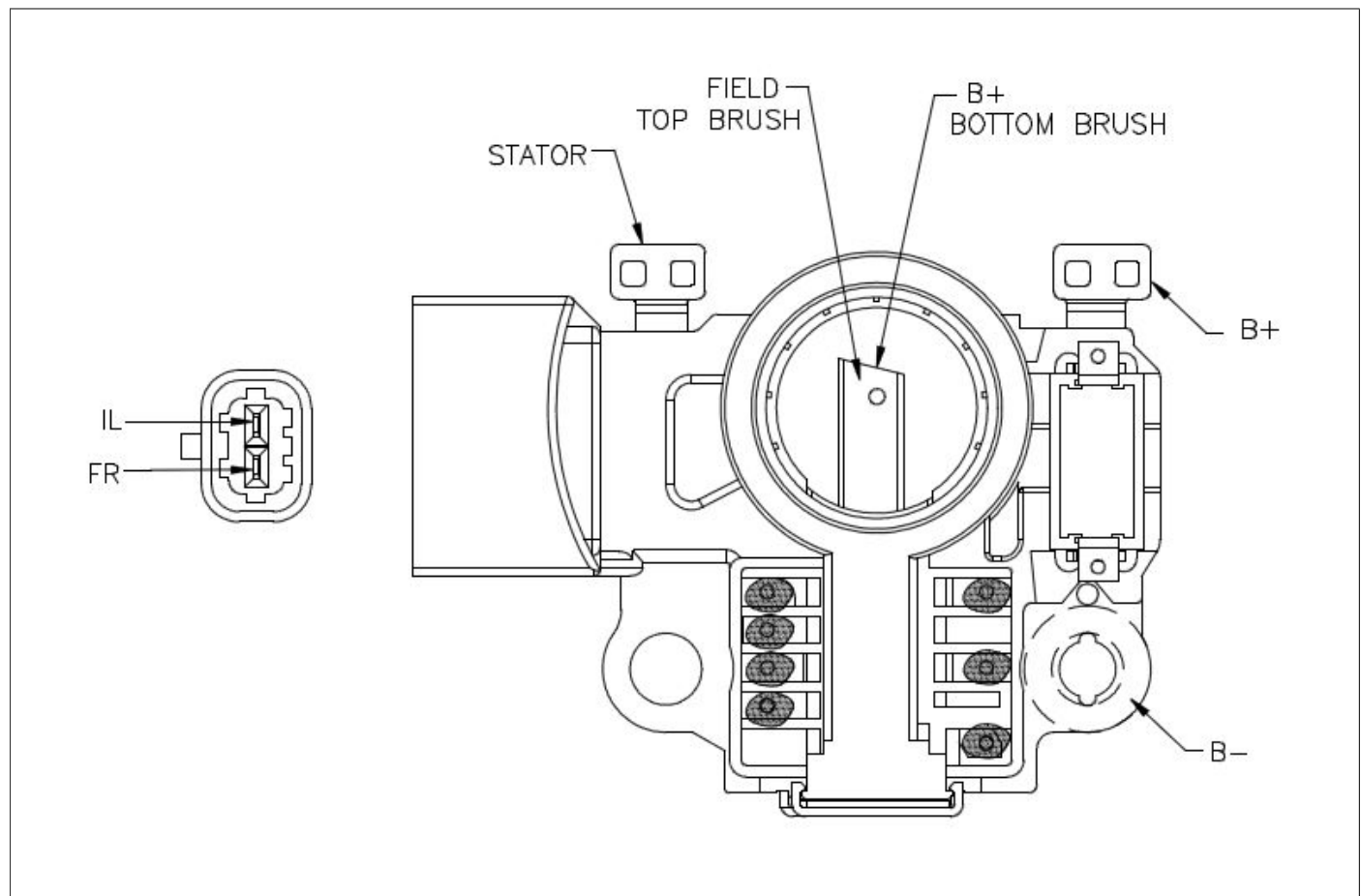
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM545	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator comes on.
2. Reconnect Stator, push the Over Voltage button on the panel, the Lamp Indicator comes on.



Soft Start  
2.5s LRC  
Light Activated  
Over Voltage, Under Voltage Lamp  
Standard Lamp -- Without Output

# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

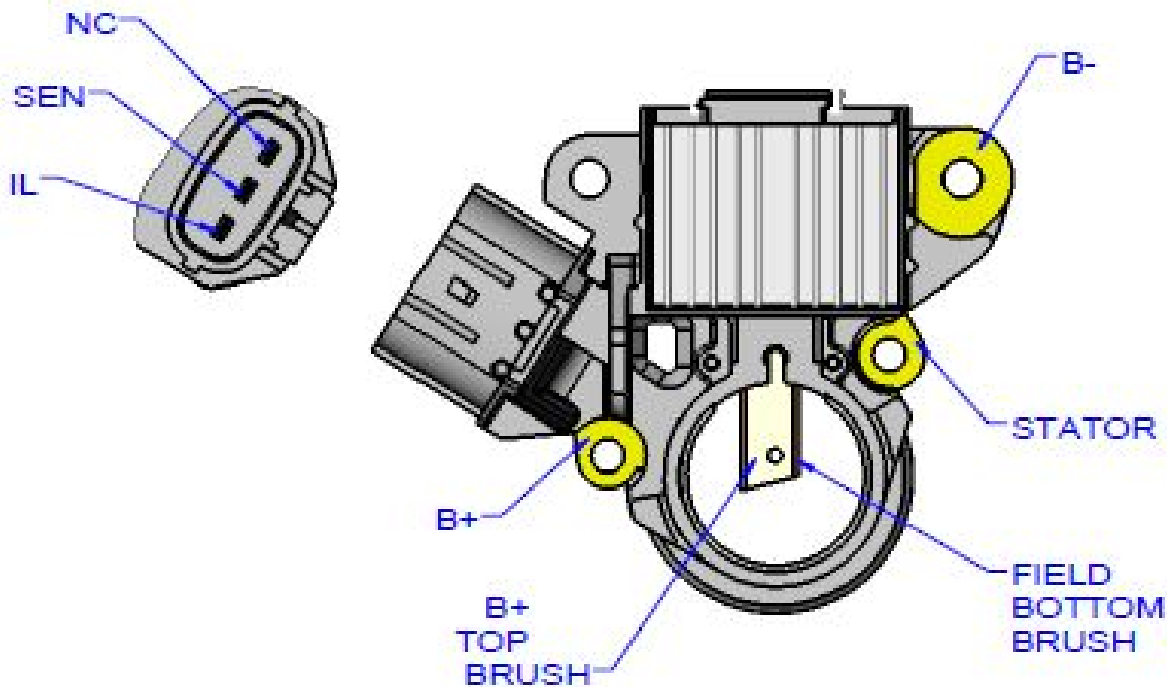
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM564	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

1. Disconnect Sense, the setpoint should be 15.6V+/-0.2v, the Lamp Indicator comes on.
2. Reconnect Sense, disconnect Stator, the Lamp Indicator should be on.
3. Reconnect Stator, push the Over Voltage button on the panel, the Lamp Indicator comes on.



Light Activated.  
Soft Start function  
5.5s LRC  
Over Voltage Lamp  
Standard Lamp -- Without output

# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

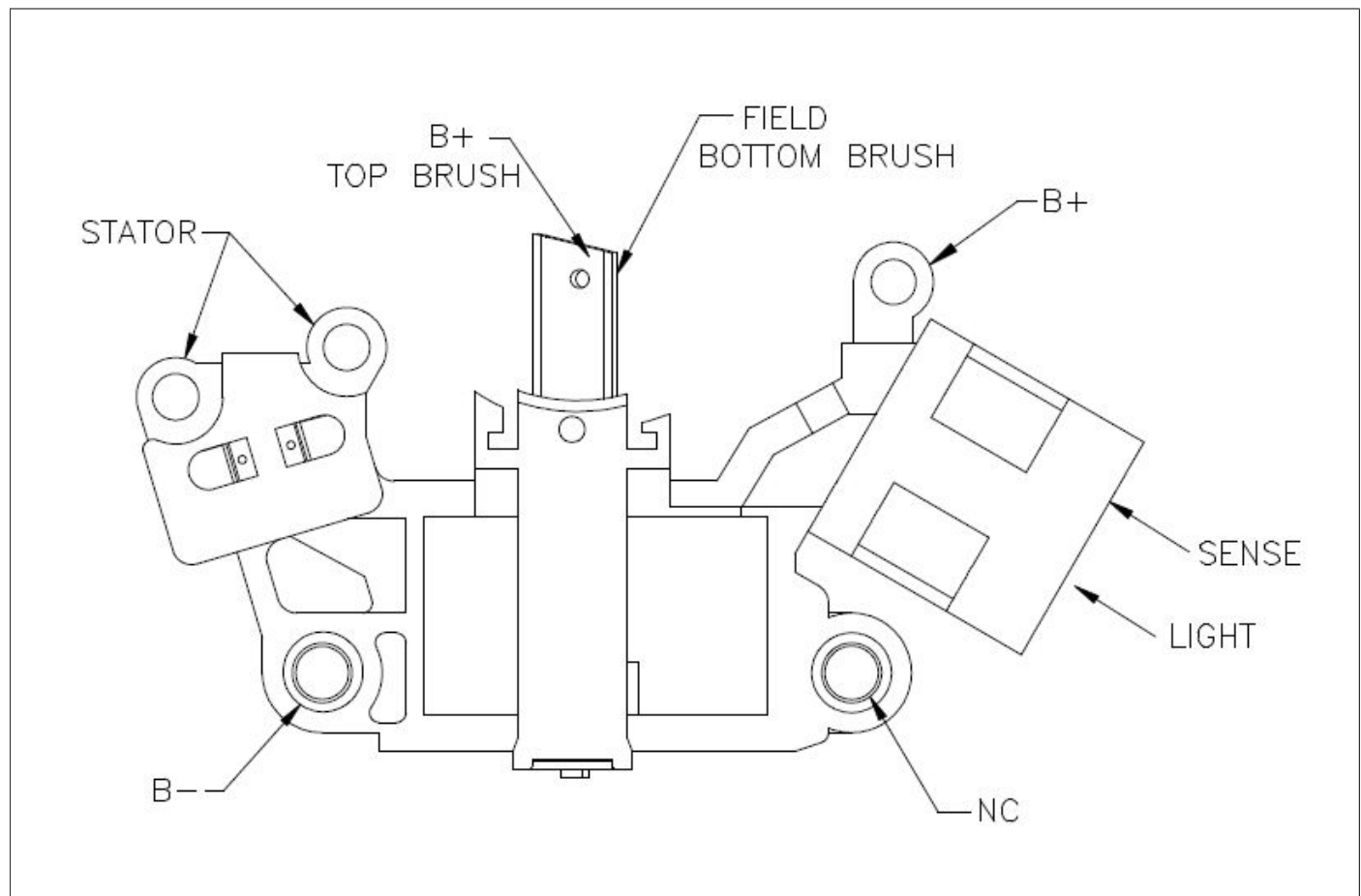
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH737	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint should be 15.3+/-0.2V.
2. Reconnect Sense, disconnect Stator, the Light should be on.



Light Activated.  
Soft Start  
9.2 seconds LRC  
Standard Lamp -- Without Output

# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

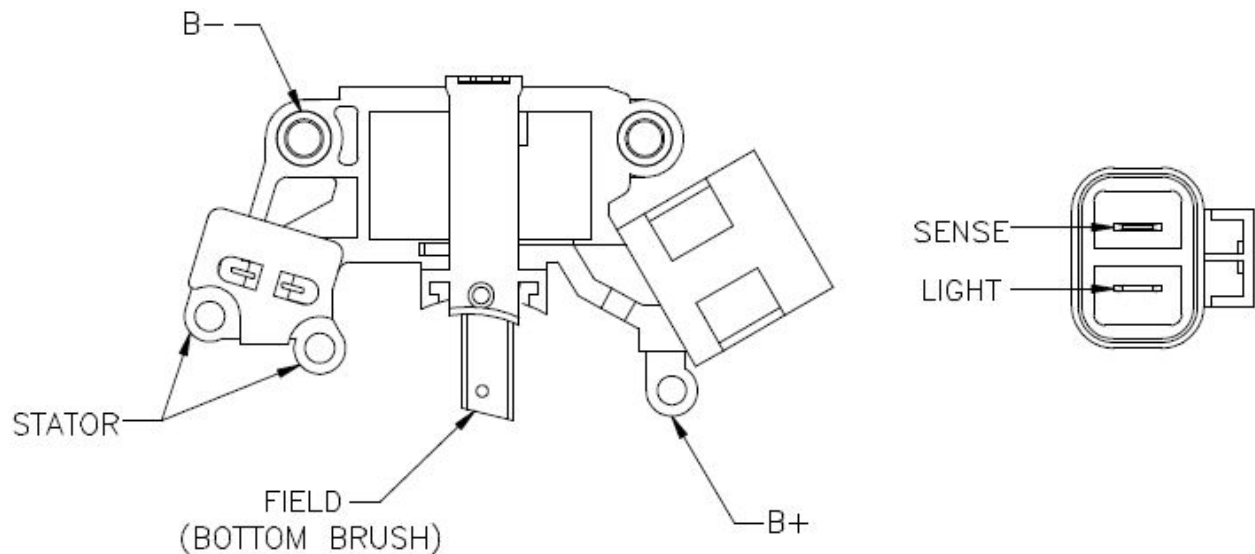
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH745	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint should be 15.3+/-0.2V.
2. Reconnect Sense, disconnect Stator, the Light should be on.



Light Activated.  
Soft Start  
9 seconds LRC  
Standard Lamp -- Without Output

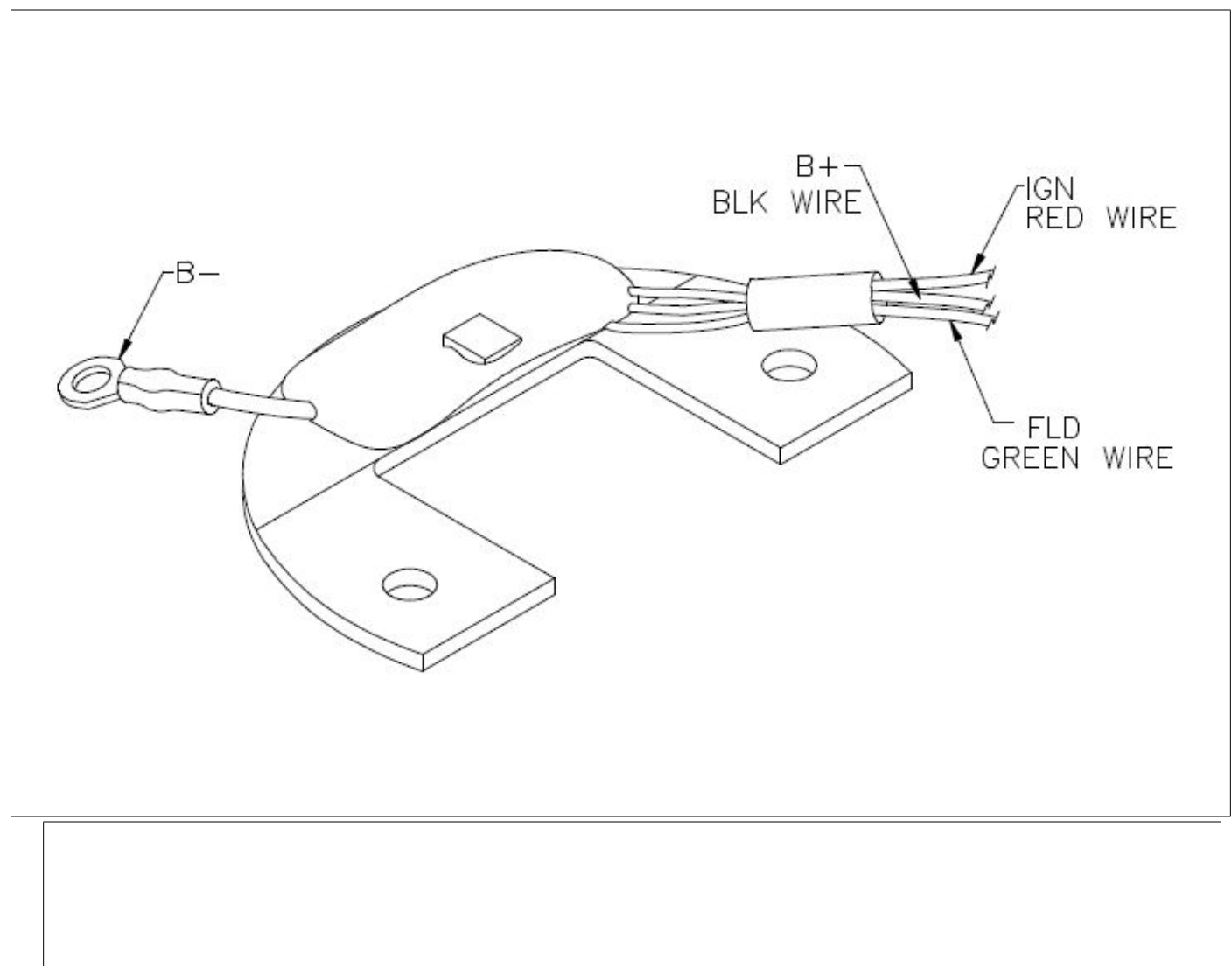


# TRANSCO TESTER INSTRUCTIONS

for HARLEY type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
H8615	A	12	15.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

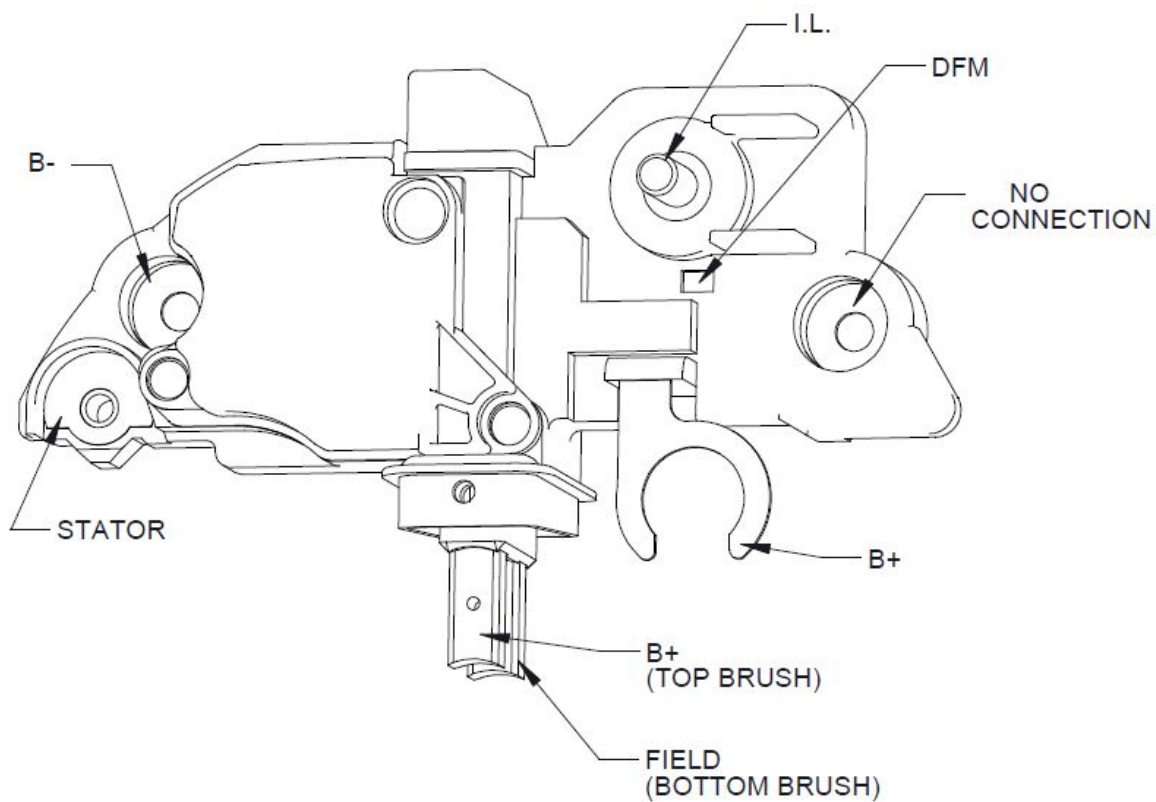
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB227	A	12	14.7				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Push the Over Voltage button on the panel, the Lamp Indicator comes on.
2. Disconnect Stator, the Lamp Indicator comes on.



Light Activated  
Soft Start  
3 seconds LRC  
OV, UV Lamp

# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

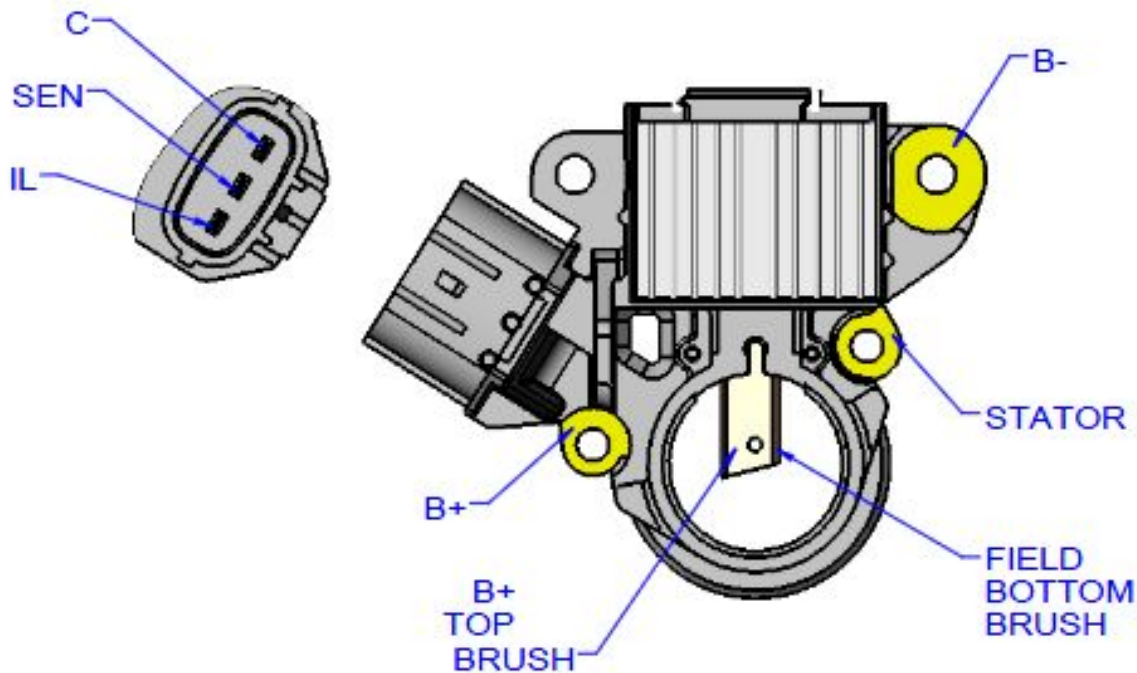
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM547	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint should be 15.5+/-0.2V.
2. Reconnect Sense, connect C to B-, the setpoint should be 13.1+/-0.2V.
3. Disconnect C, disconnect Stator, the Lamp Indication comes on.
4. Reconnect Stator, the Lamp Indication comes on



Light Activated.  
Soft Start function.  
6 seconds LRC  
Field, Lamp short circuit protection  
Standard Lamp -- Without Output

# TRANSCO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M550	B	12	14.45				

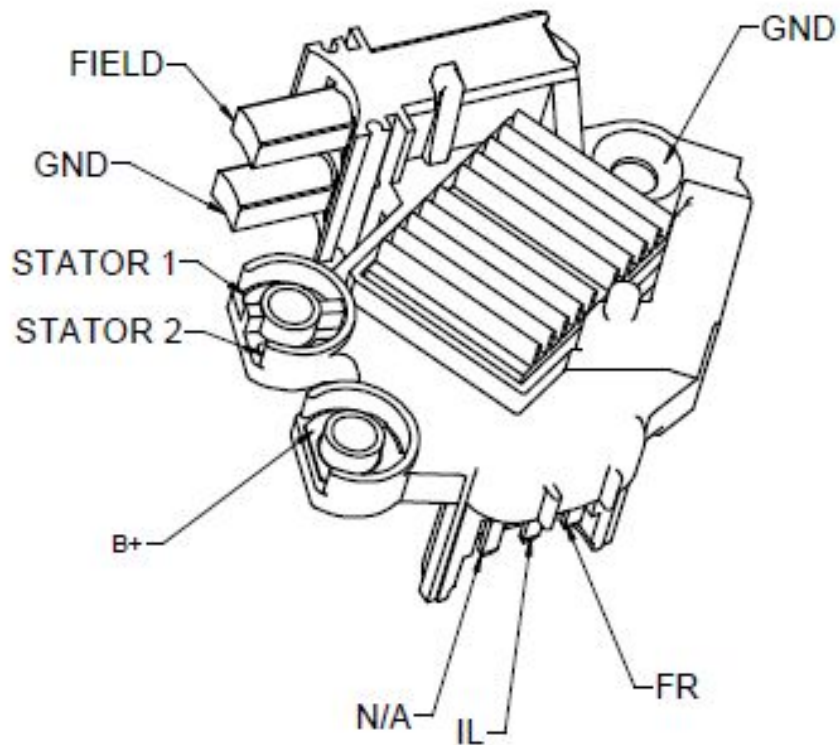
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. Disconnect Stator, the Lamp Indicator comes on.



Stator or Light Activated.

Soft Start function.

4 seconds LRC

Under Voltage Lamp

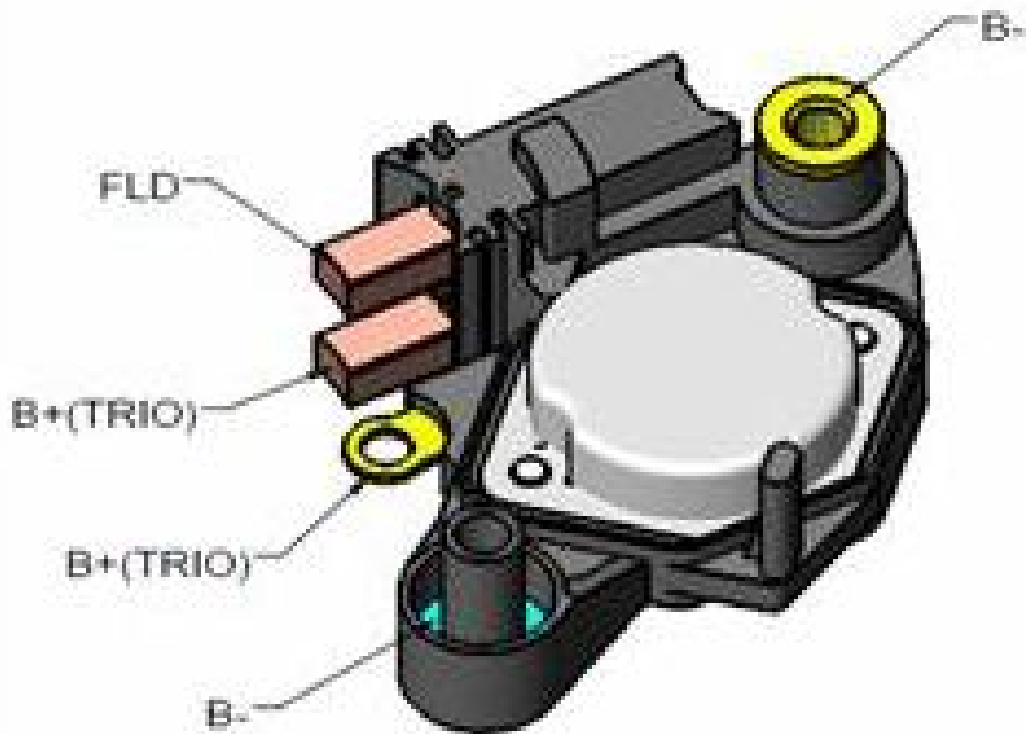
Standard Lamp -- Without Output

## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M511V	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



Trio Excited.

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

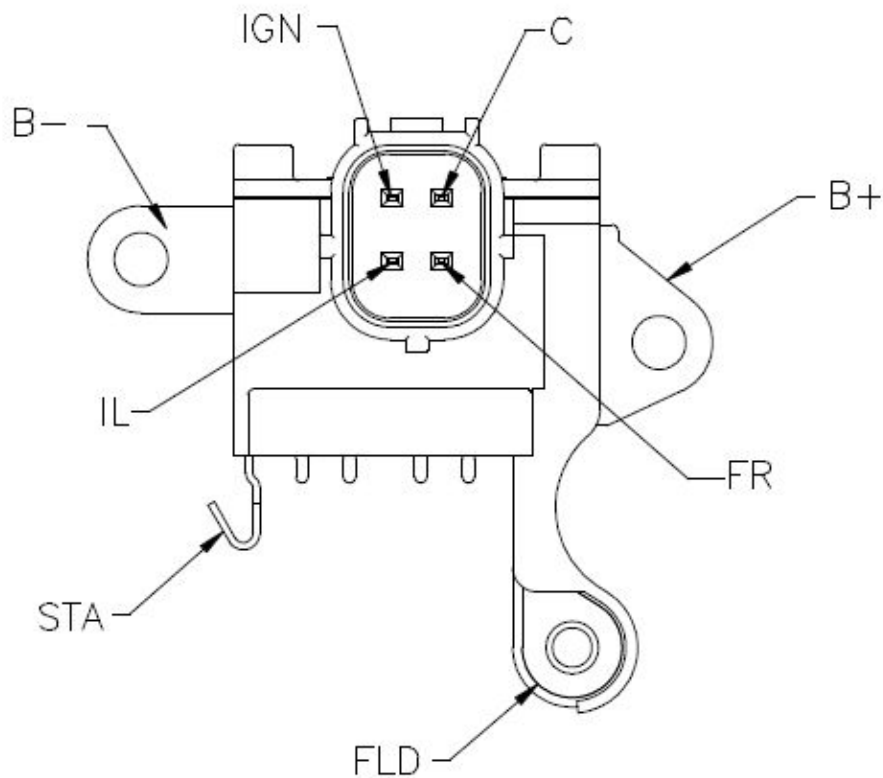
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6365	B	12	14.35				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator comes on.
2. Reconnect Stator, connect C terminal to B-, the setpoint should be 12.7+/-0.2V.



Ignition Activated.  
C function  
Standard Lamp Function -- Without Output.

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

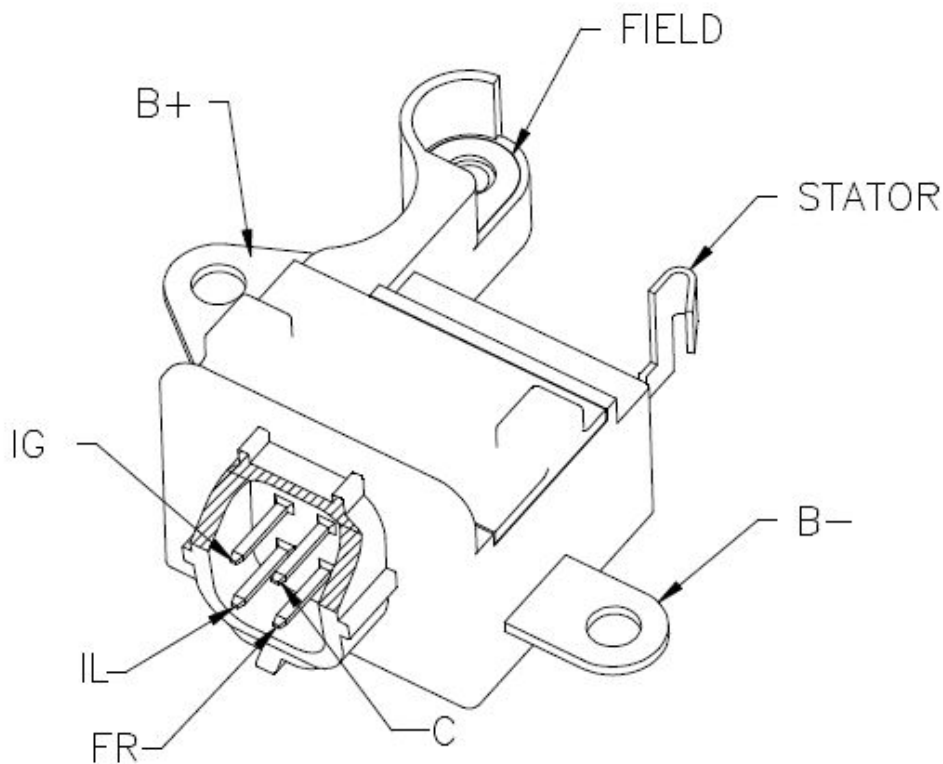
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6366	B	12	14.46				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator comes on.
2. Reconnect Stator, connect C terminal to B-, the setpoint should be 12.8+/-0.2V.



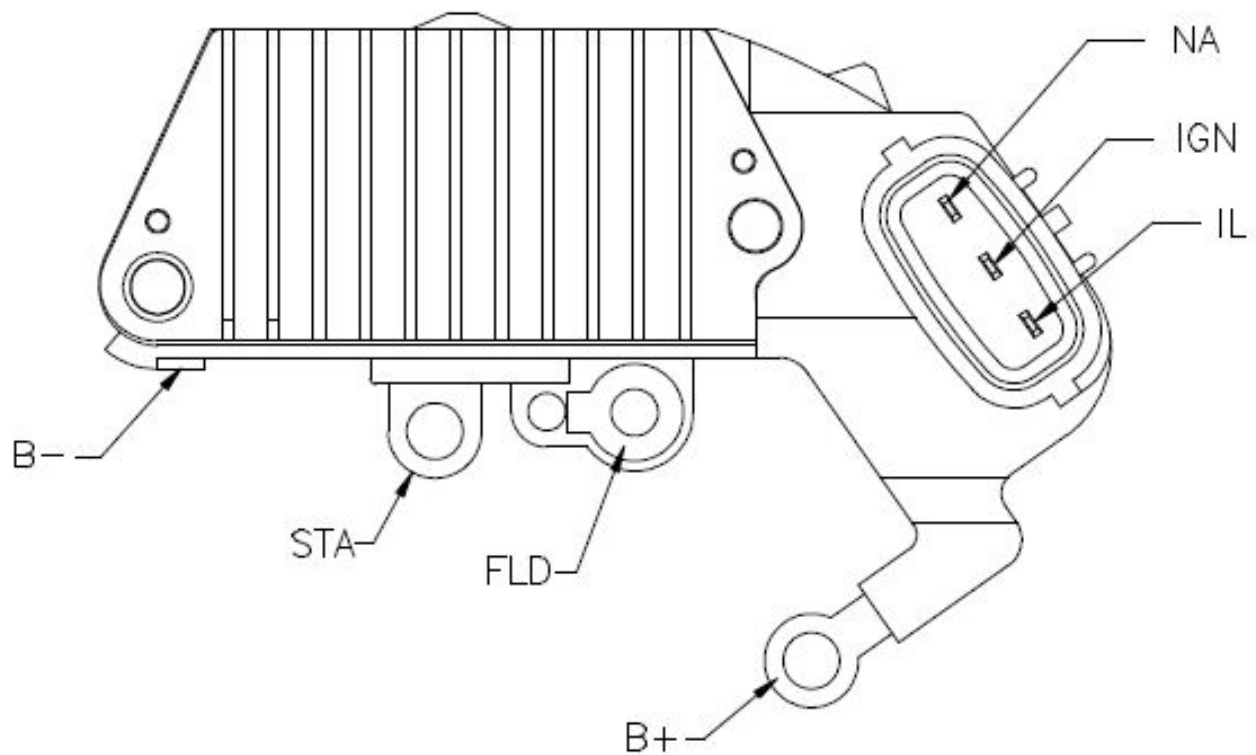
Ignition Activated.  
C function  
12 seconds LRC  
Standard Lamp -- Without Output

## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN332	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**
  1. Disconnect Stator, the Lamp Indication comes on.



Ignition Activated.  
Soft start.  
9 seconds LRC.  
Under voltage Lamp



# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

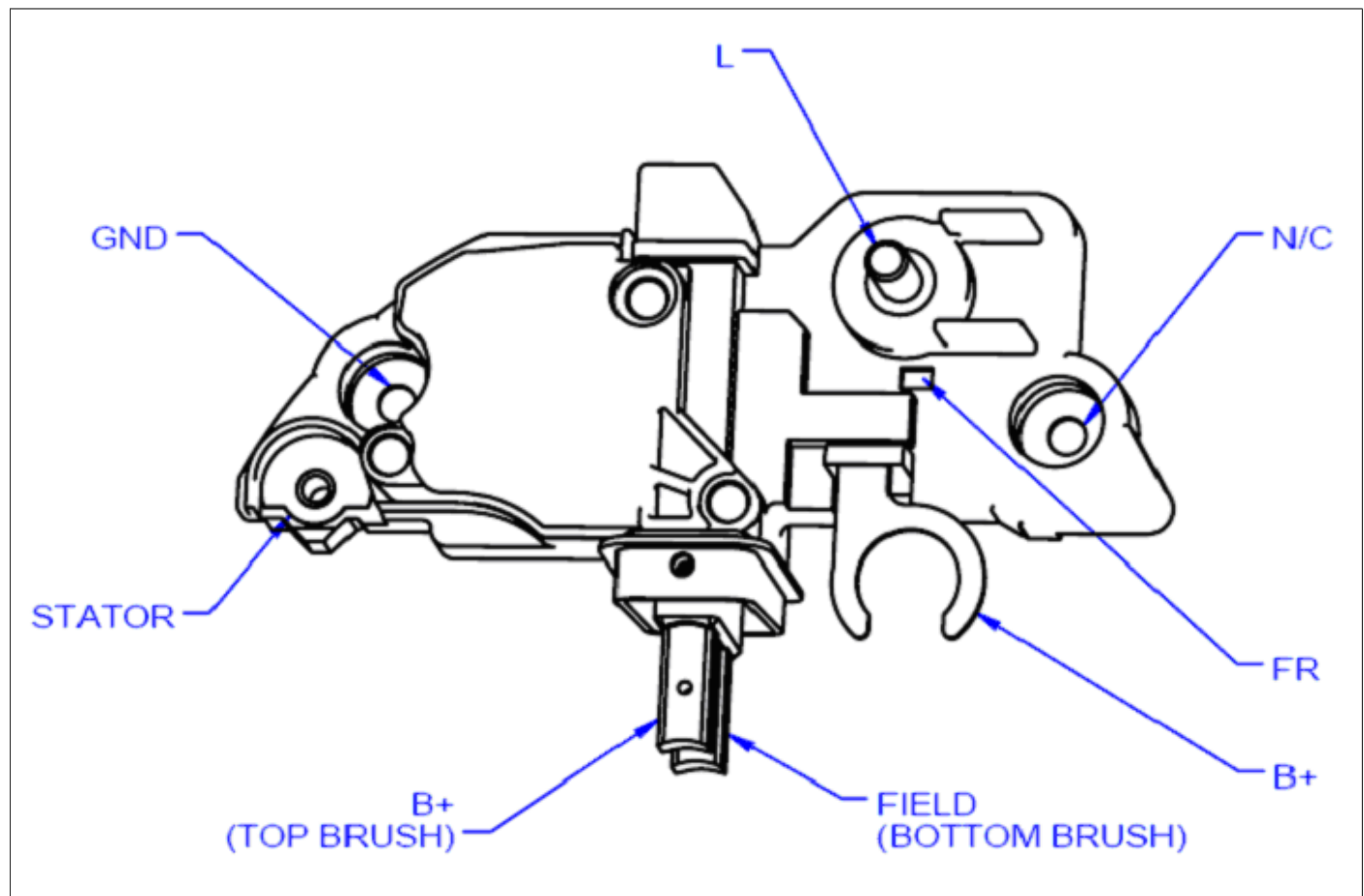
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB313	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indication comes on.
2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indication comes on.



Soft Start function  
 2 seconds LRC  
 Stator or Light Activated  
 Active Lamp function -- With Output

# TRANSCO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M544	B	12	14.5				
M535	B	12	14.5				

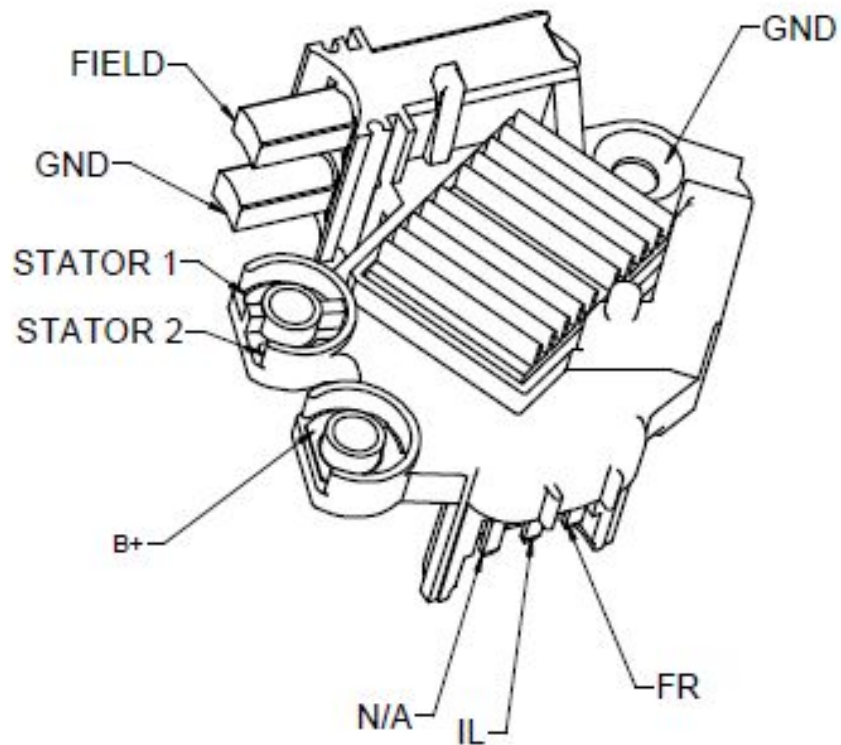
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. Disconnect stator, the Lamp Indication comes on.



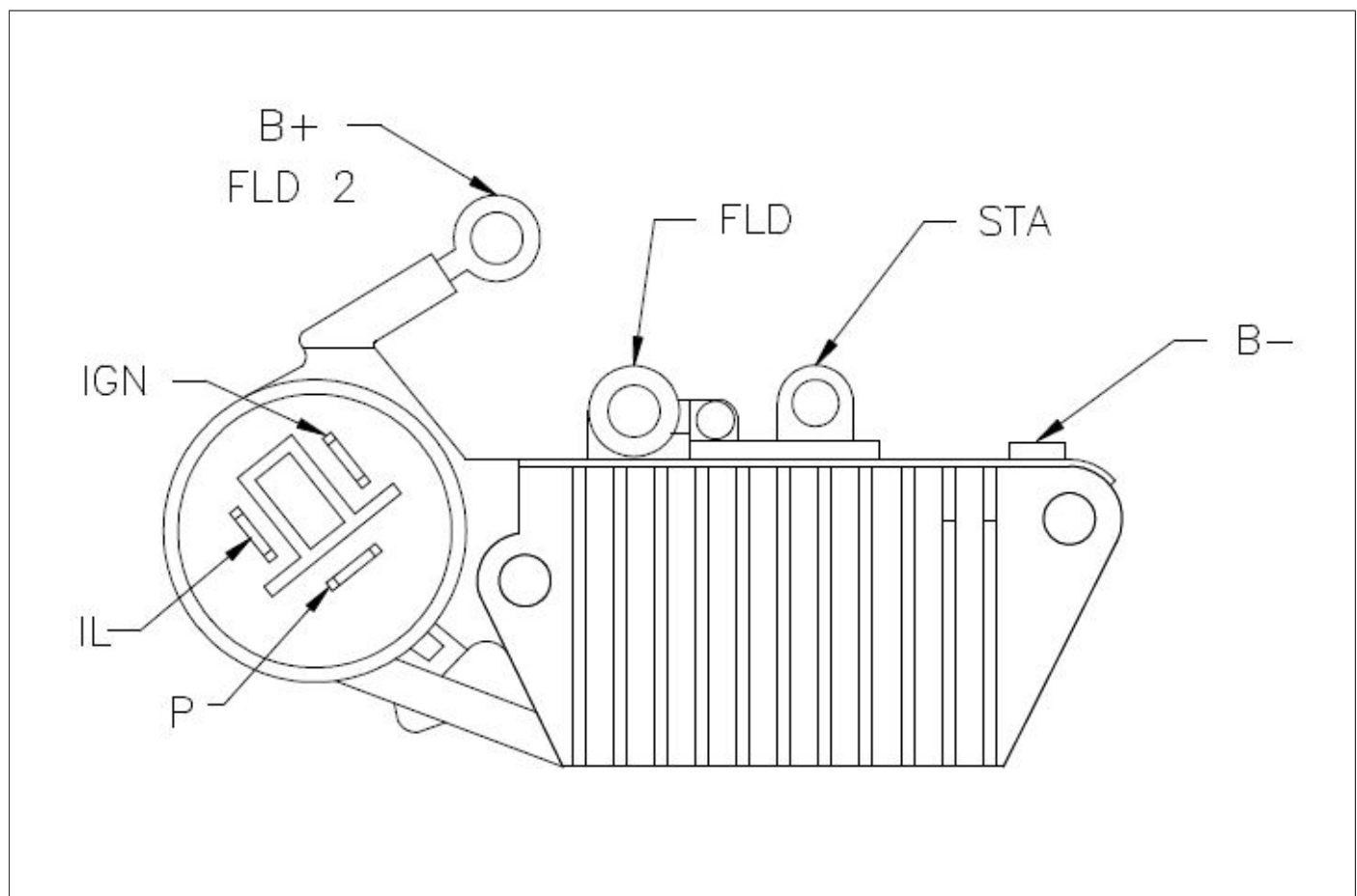
Stator Activated.  
Soft Start Function  
Under Voltage Lamp.

# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN265	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**
  1. Disconnect Stator, the Lamp Indication comes on.



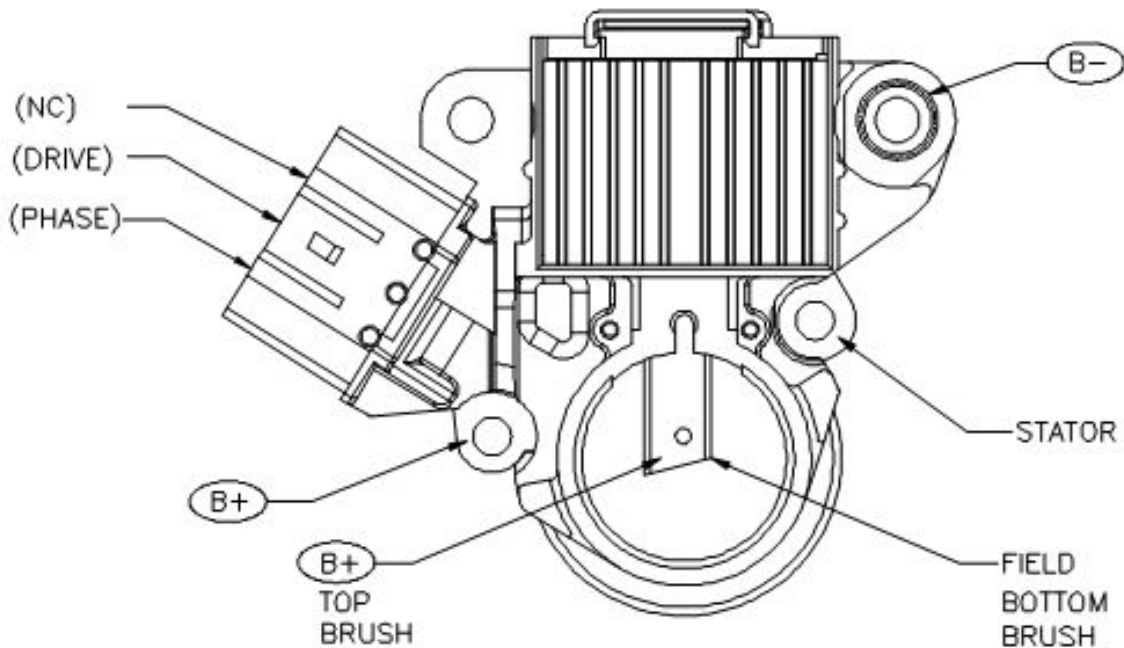
Ignition Activated.

## TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM505	A	12	14.4				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**  
Connect DRIVER to tester "PD"

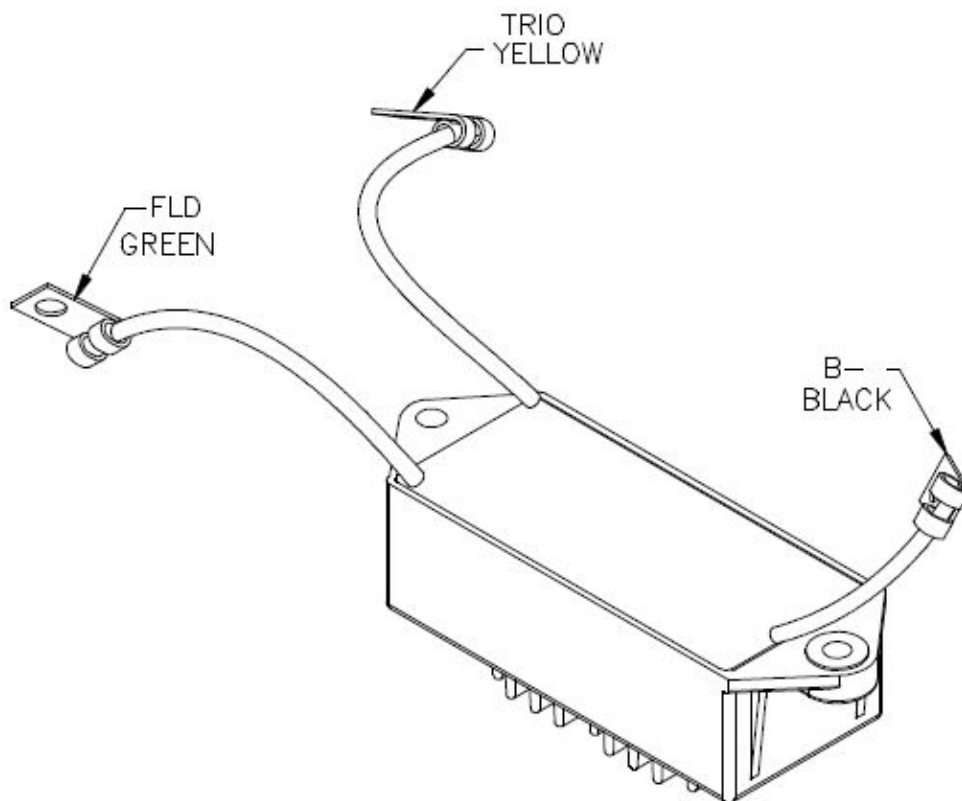


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL7020JMP	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



TRIO Excited.

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M564	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

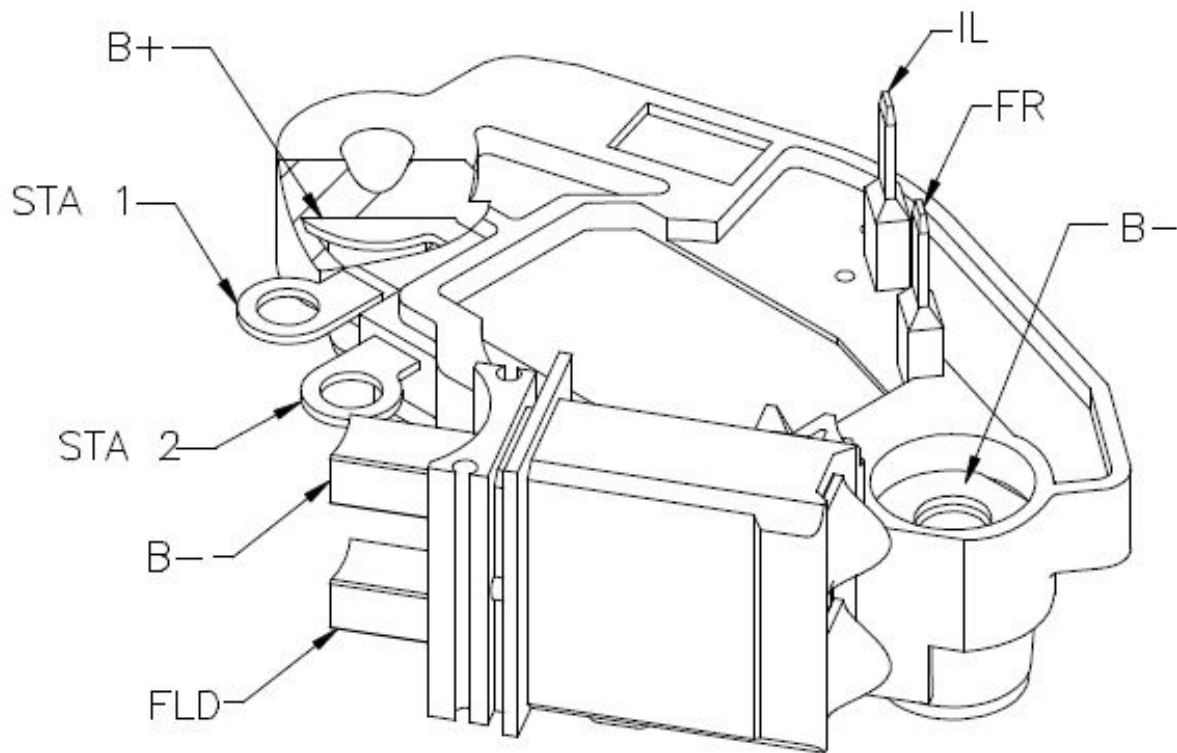
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. Disconnect Stator, the Lamp Indication comes on.

2. Reconnect Stator, Push "Choke Drive" on the panel, the Choke Drive Indication comes on.



Stator or Light Activated  
Soft Start Function  
5 seconds LRC  
Under Voltage Lamp  
Active Lamp -- With Output

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M546	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

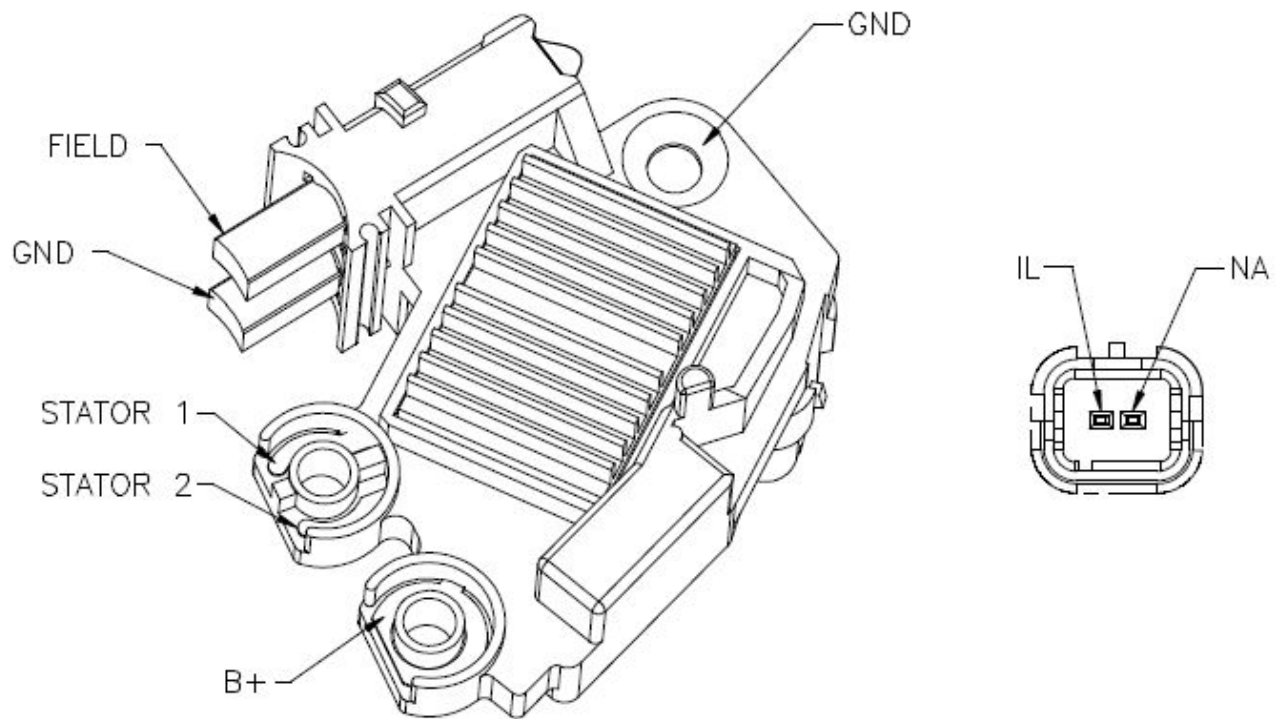
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. Disconnect Stator, the Lamp Indication comes on.

2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indication comes on.



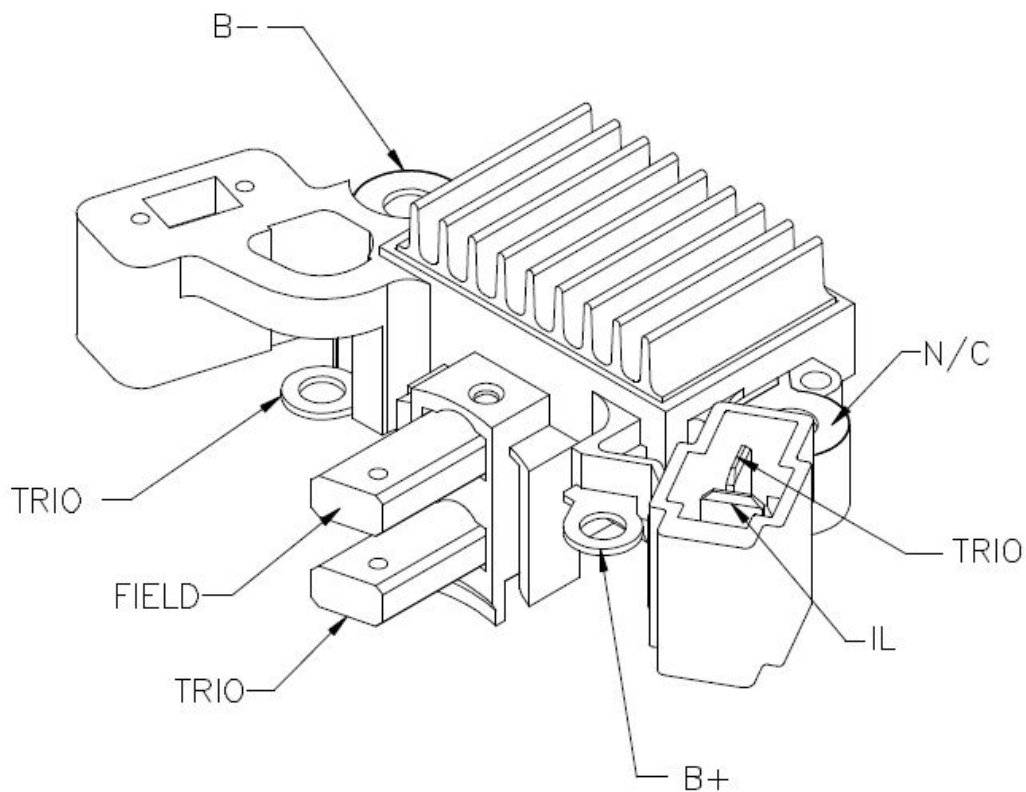
Stator or Light Activated.  
Soft Start Function  
9 seconds LRC  
Under Voltage Lamp  
Active Lamp -- With Output

# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH784	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



TRIO EXCITED

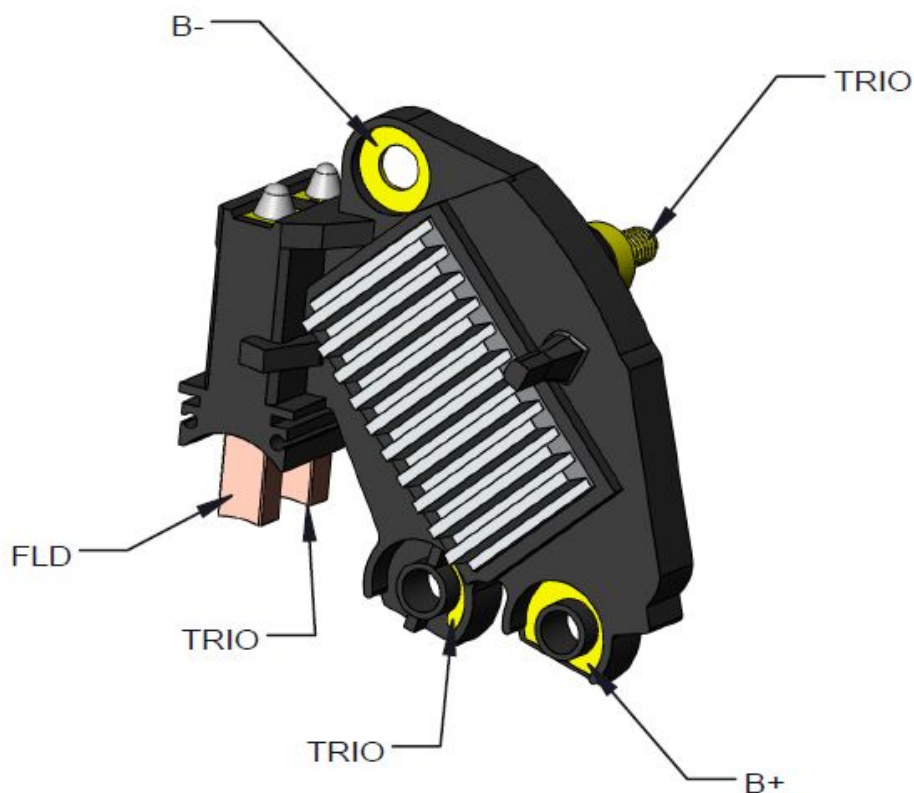


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M6120	A	12	14.65				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



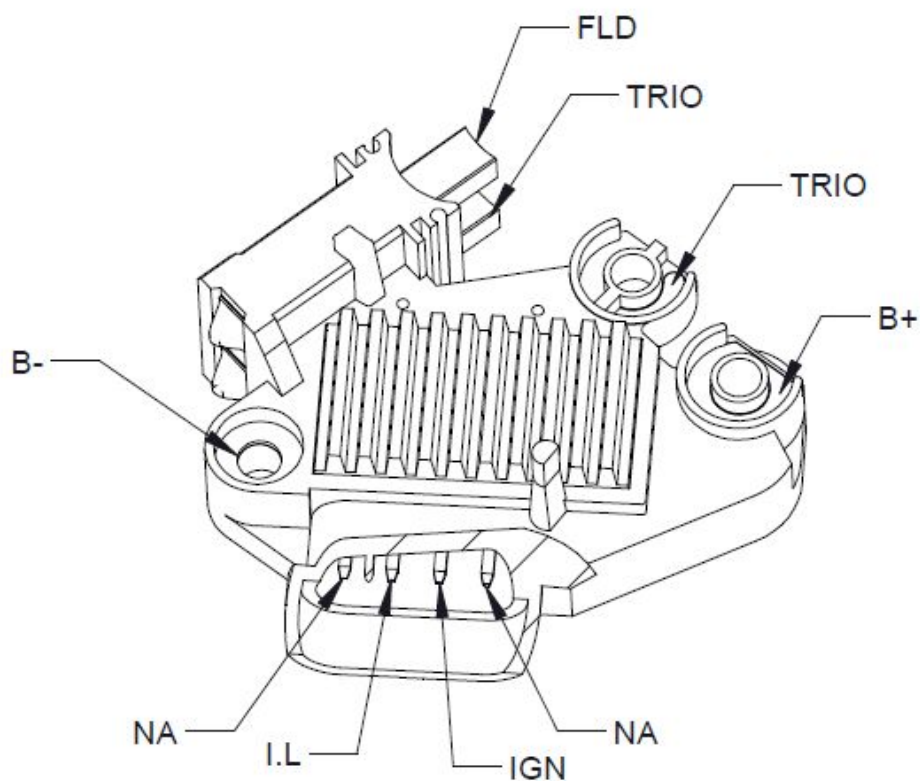
TRIO excited.

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M6132	A	12	14.65				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



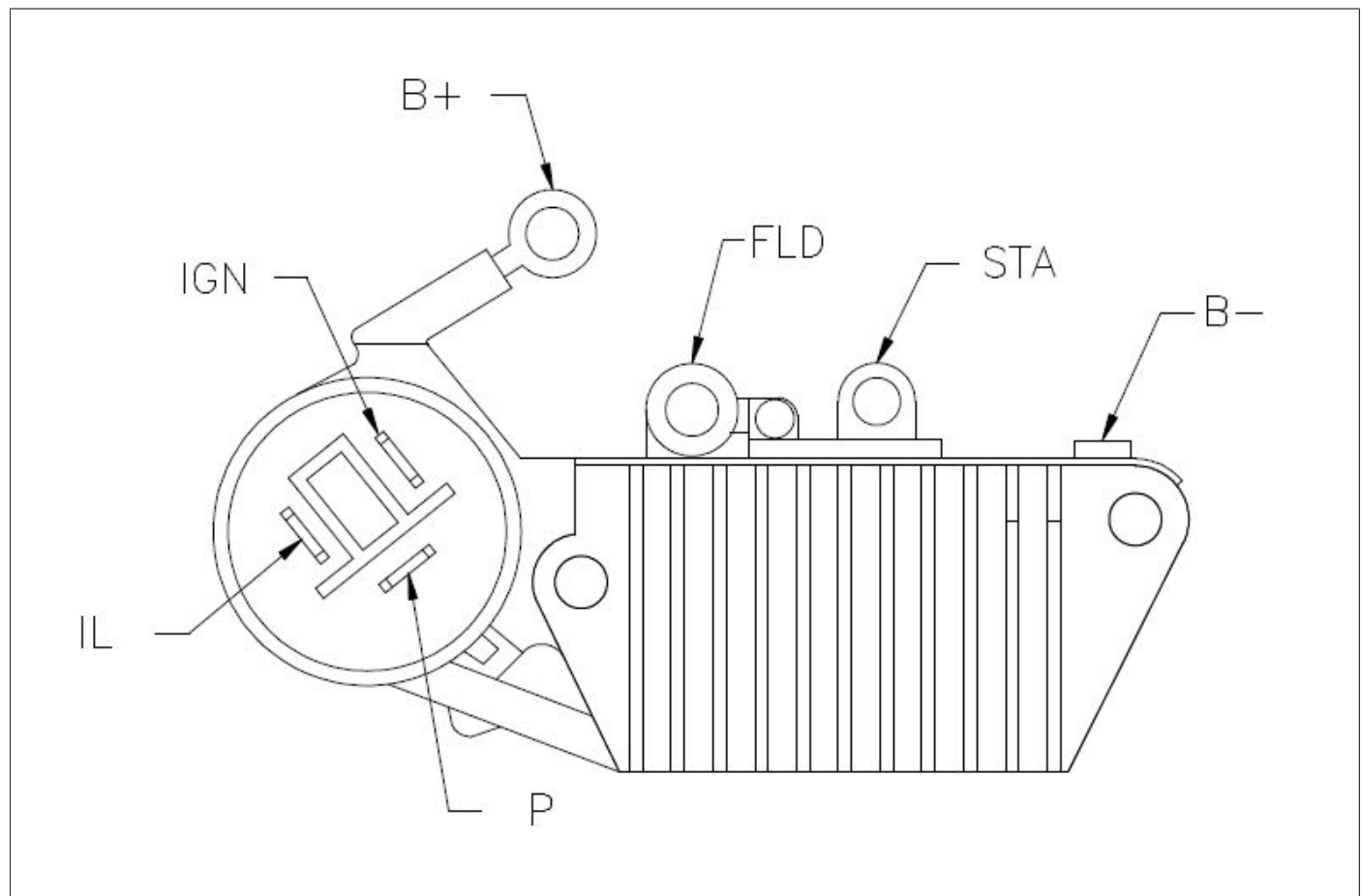
TRIO excited

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN266	A	24	28.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



Ignition Activated.

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M549	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

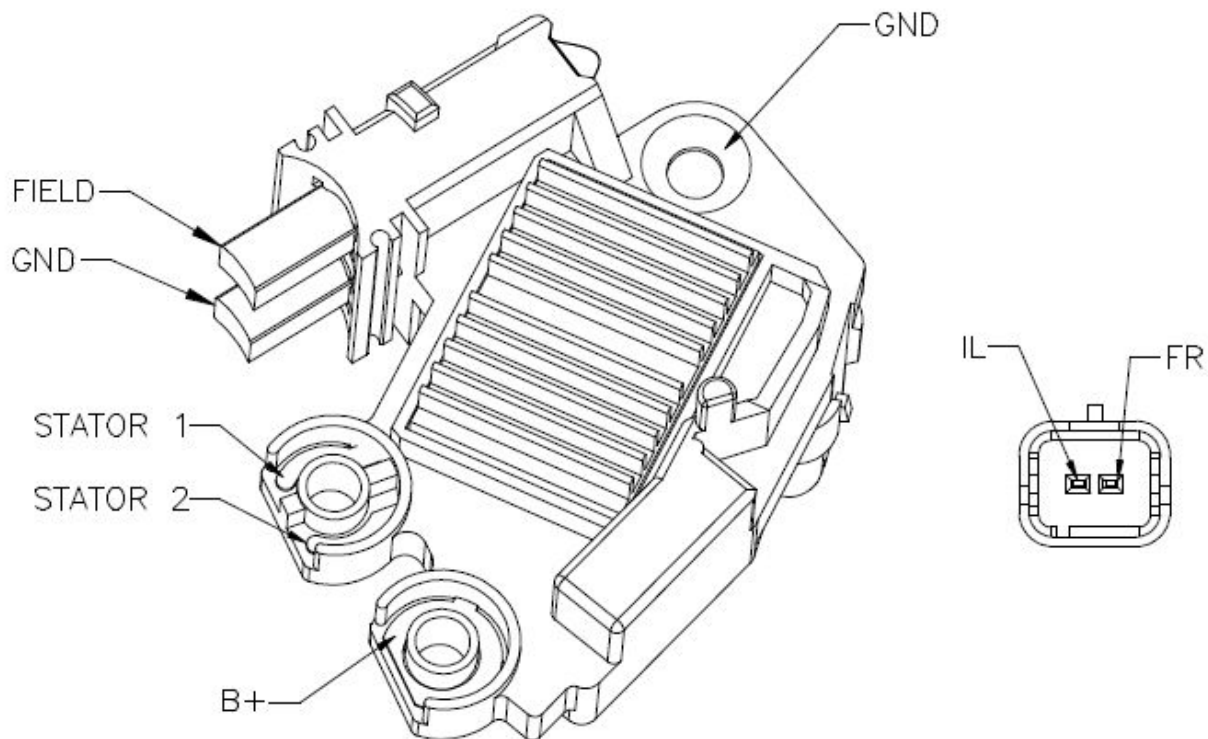
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. Disconnect Stator, the Lamp Indication comes on.

2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indication comes on.



Stator or Light Activated.  
Soft Start Function  
9 seconds LRC  
Under Voltage Lamp  
Active Lamp -- With Output

## TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

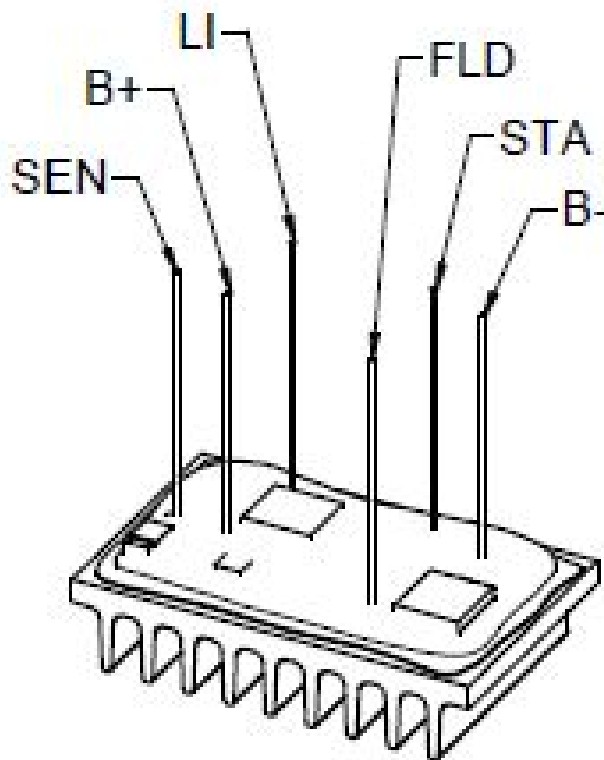
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI738	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint should be 15.3+/-0.2V.
2. Reconnect Sense, disconnect Stator, the Lamp Indication should be on.
3. Reconnect Stator, push the Over Voltage button on the panel, the Lamp Indication should be on.



Soft Start Function  
3 seconds LRC  
Over Voltage, Under Voltage Lamp.

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M564	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

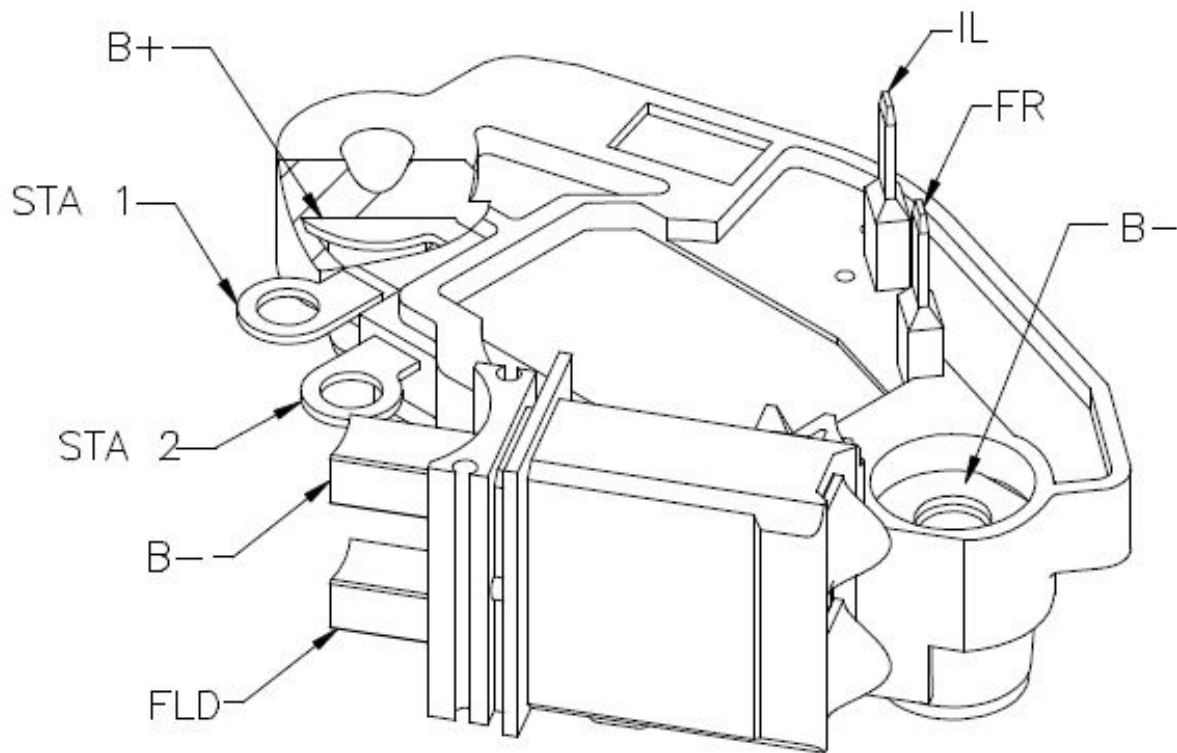
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. Disconnect Stator, the Lamp Indication comes on.

2. Reconnect Stator, Push "Choke Drive" on the panel, the Choke Drive Indication comes on.



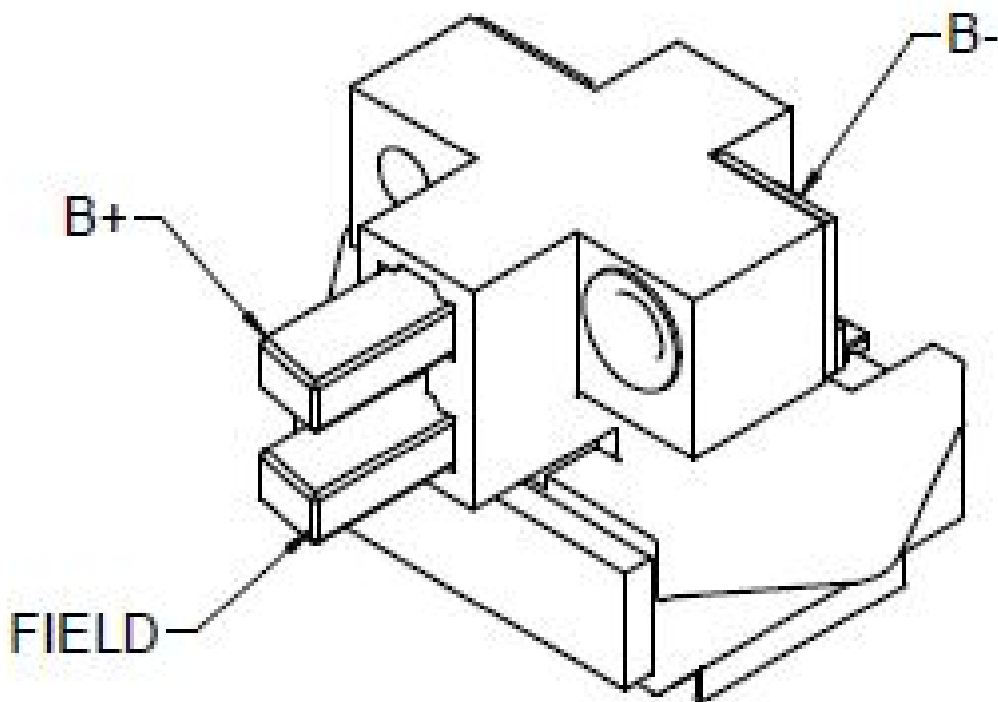
Stator or Light Activated  
Soft Start Function  
5 seconds LRC  
Under Voltage Lamp  
Active Lamp -- With Output

## TRANSPO TESTER INSTRUCTIONS

for       LUCAS       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL7044JMP	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



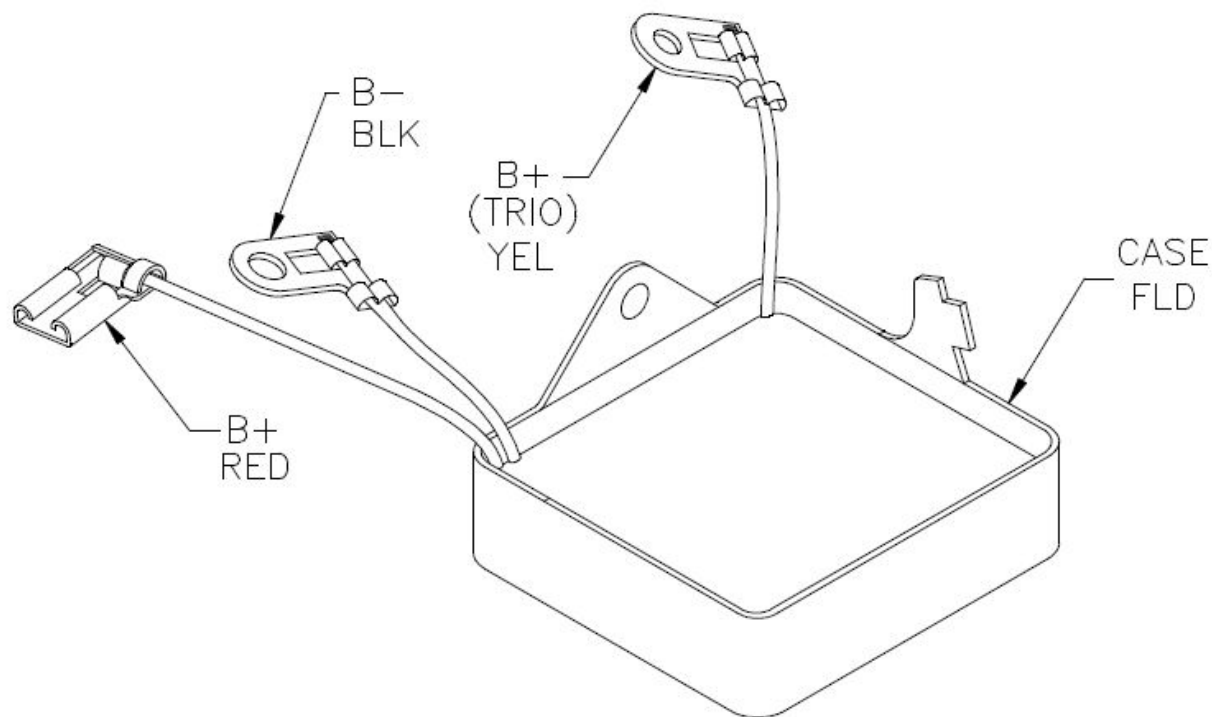
Trio Excited.

# TRANSCO TESTER INSTRUCTIONS

for LUCAS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL217	A	12	14.25				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



Trio Excited.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M534	B	12	14.4				
T8534	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

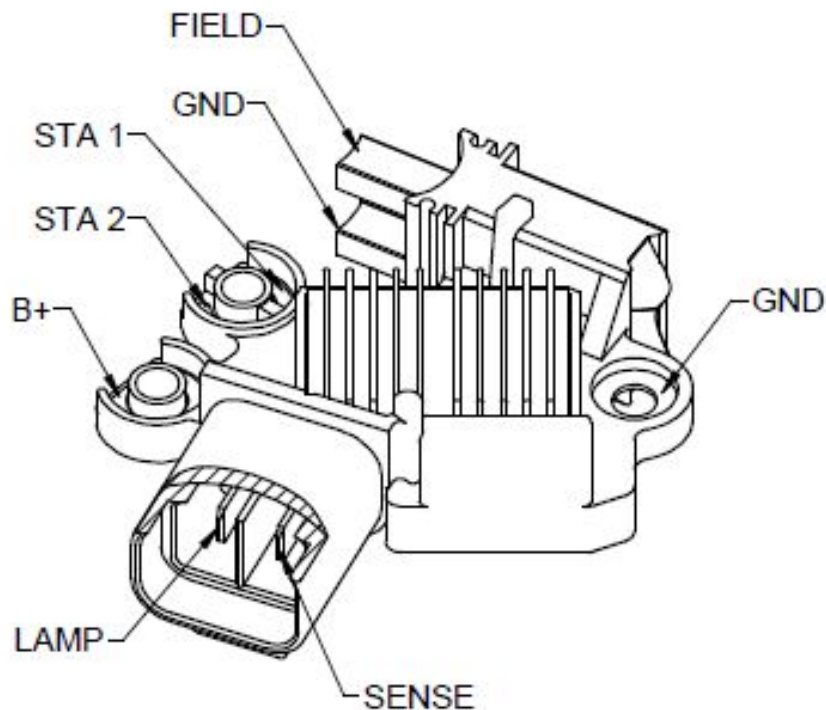
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. Disconnect Sense, the set point should be 14.3V, the Lamp Indication should be on.

2. Reconnect Sense, Disconnect Stator, the Lamp Indication should be on.



Stator Activated  
Soft Start Function  
6s LRC  
Under Voltage Lamp

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M540	B	12	13.8				
T8540	B	12	13.8				

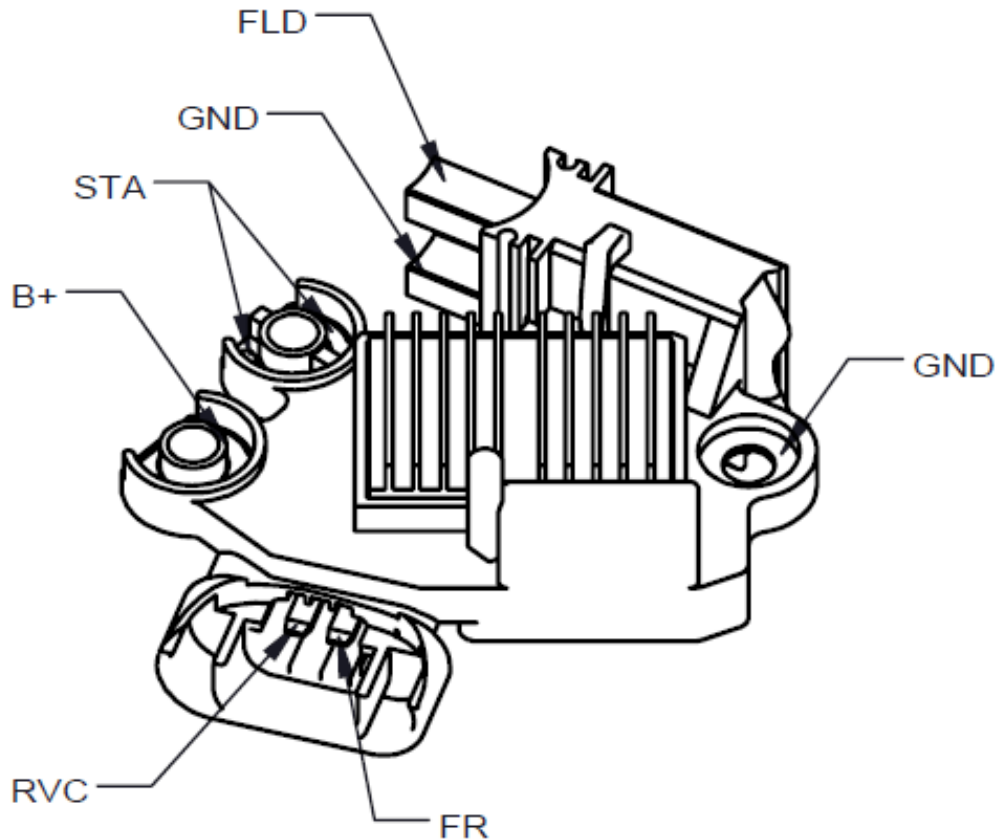
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Use VRC2010 tester to complete RC voltage setpoint testing, Connect RVC terminal to VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 11.8V.
2. Adjust Comm Voltage switch to position 14, Setpoint is 13.3V.
3. Adjust Comm Voltage switch to position 15, Setpoint is 14.4V.



RC or Stator Activated.  
Soft Start Function  
VSet controlled by vehicle RVC system

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M558	B	12	14.65				

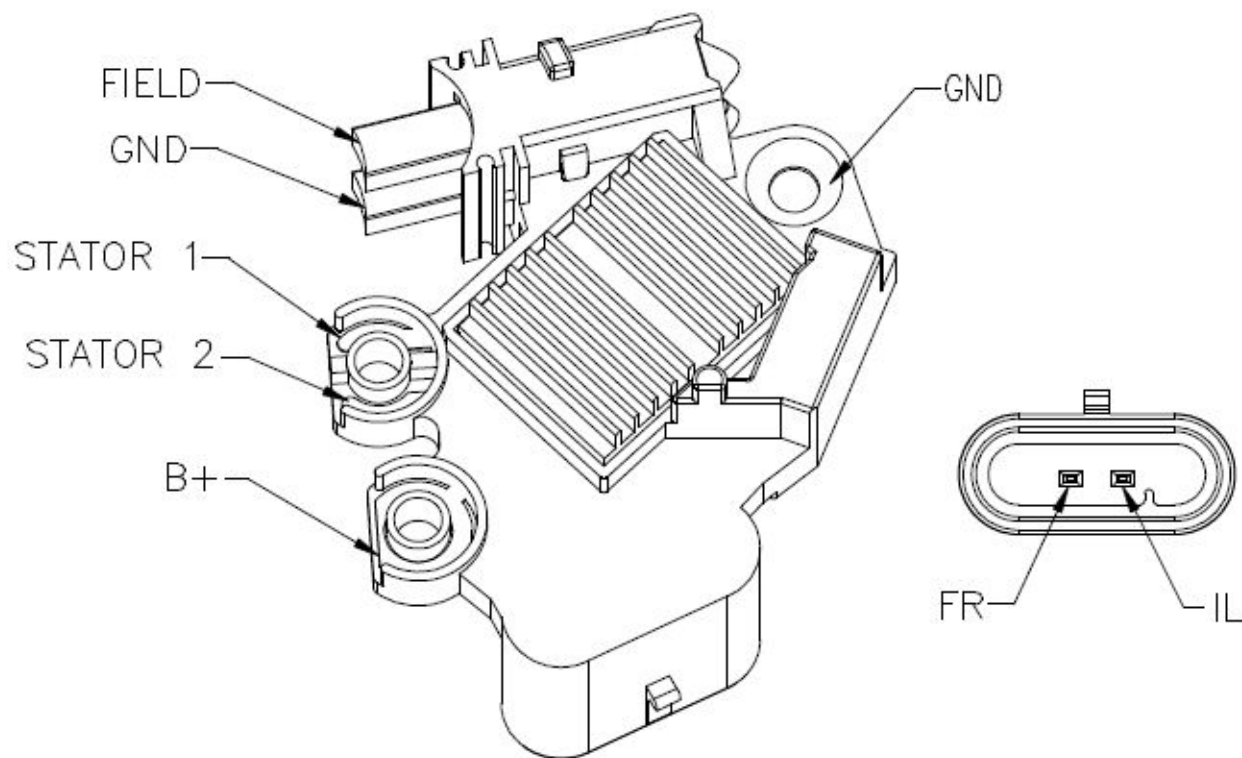
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. Disconnect Stator, the Lamp Indication should be on.



- B-Circuit, High side drive regulator
- Stator or Lamp Activated
- Soft Start
- 3 seconds LRC
- Under Voltage Lamp

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

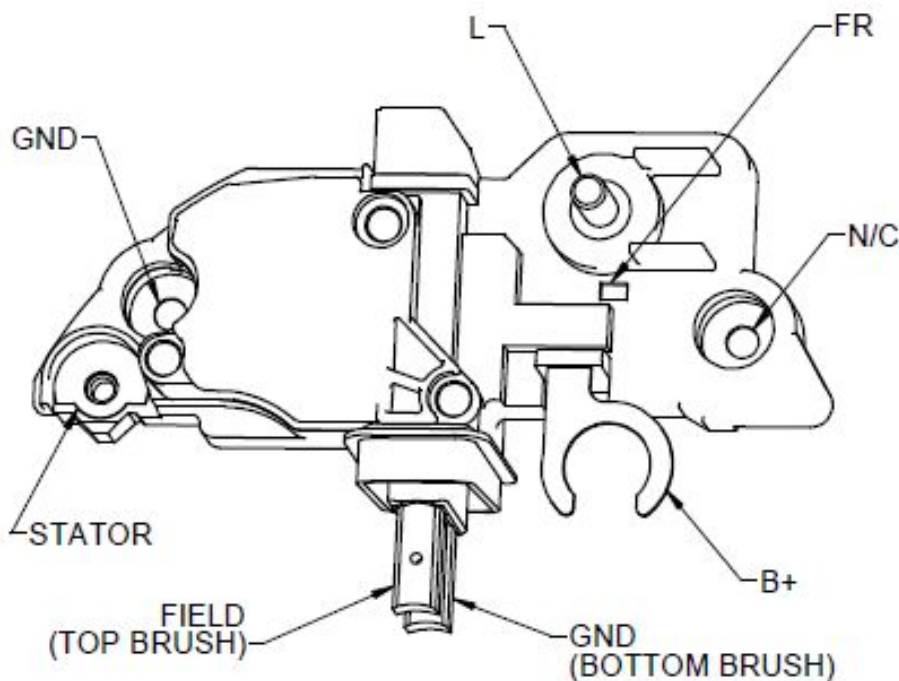
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB680	B	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

## 3. Amendments or Additional Tests:

1. Push the Choke Drive button on the panel, the Choke Drive Indicator comes on.
2. Disconnect Stator, the Lamp Light comes on, the Field Lamp is dim.



soft start function  
 8 seconds LRC  
 Active Lamp function -- With Output  
 Stator or Light Activated.

# TRANSPO TESTER INSTRUCTIONS

for MAGNETI MARELLI type regulators

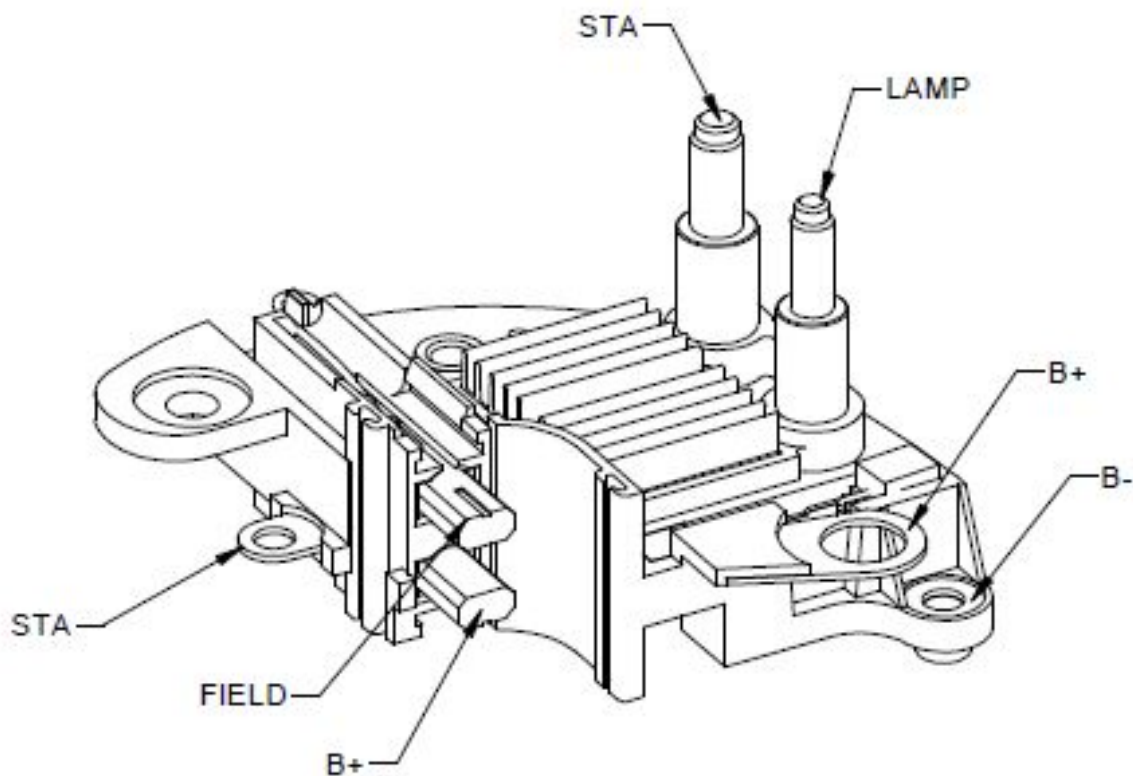
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX124	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator should be on.
2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator should be on.



IL or Stator Activated.  
Active Lamp -- With Output

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M531	B	12	14.45				

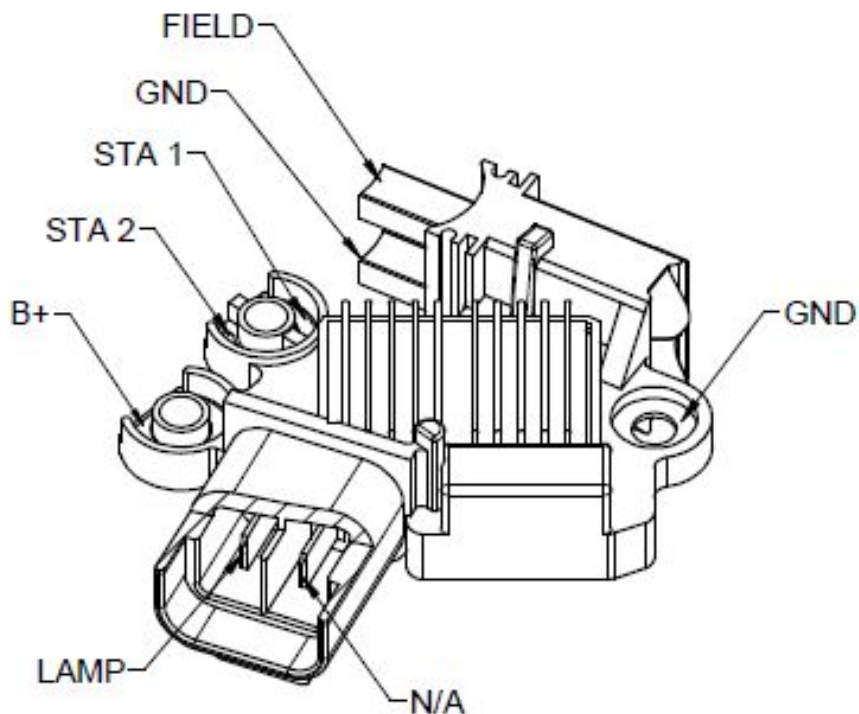
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. Disconnect Stator, the Lamp Indicator should be on.



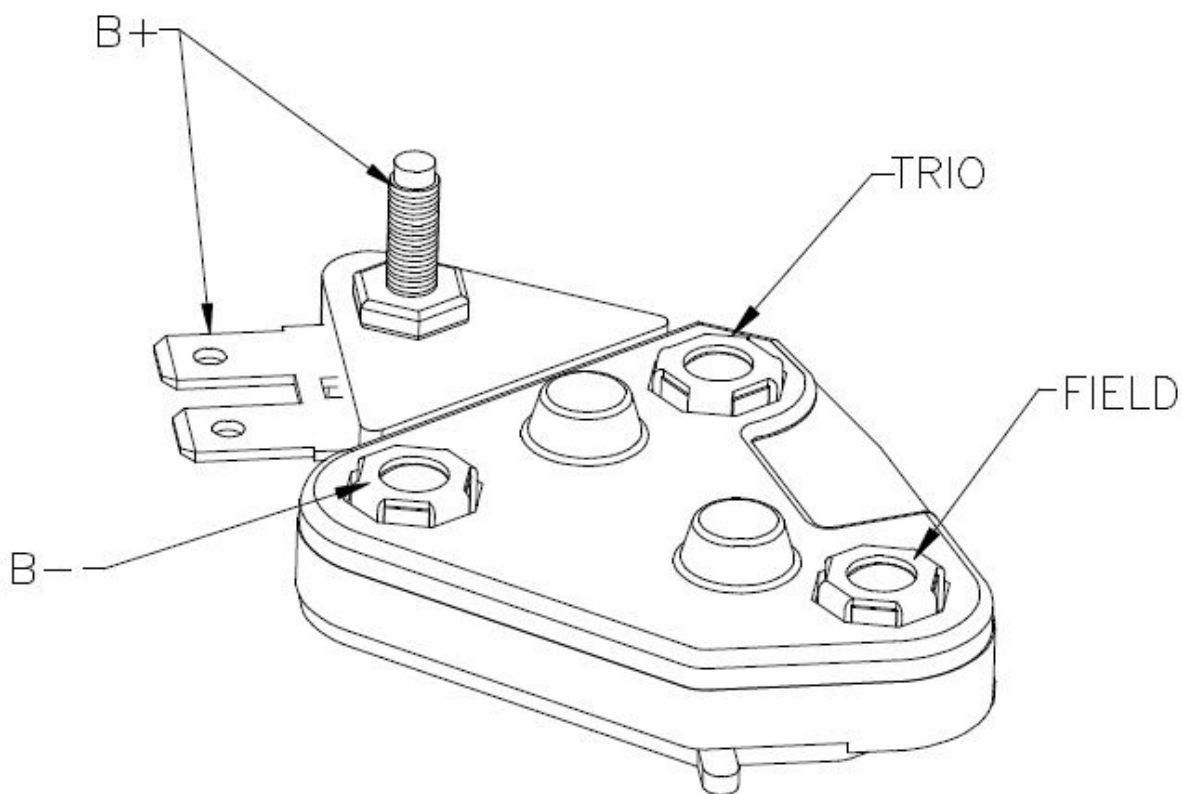
Soft Start Function  
5 seconds LRC  
Under Voltage Lamp  
Stator Activated.

# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D104HD-264	A	24	26.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

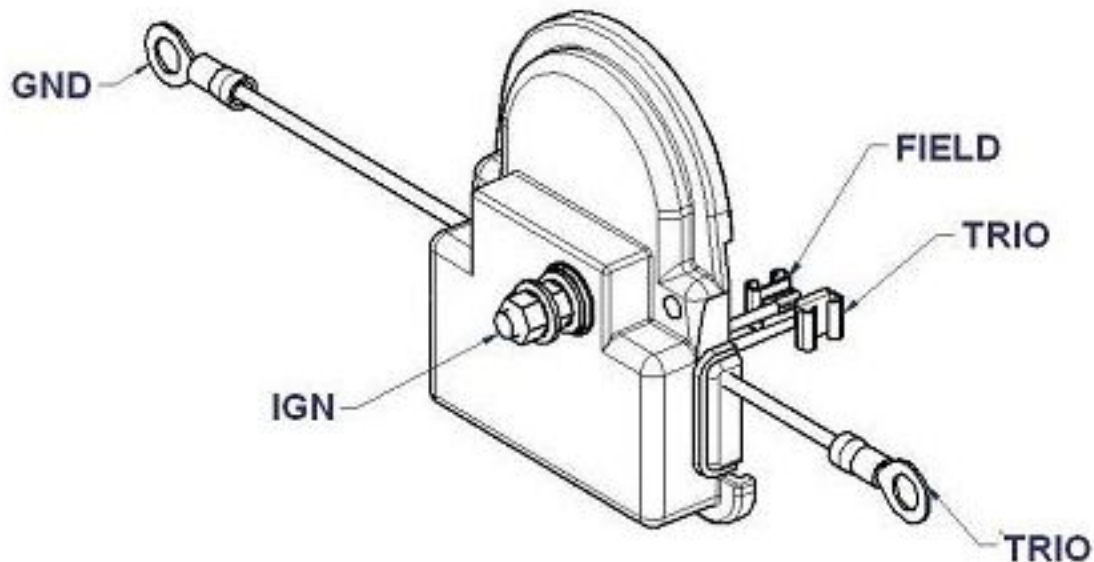
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-332	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. test with VRC2010 disconnect sense, the set point(DMM) is about 15.4V, the Lamp indicator is on



A circuit



# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

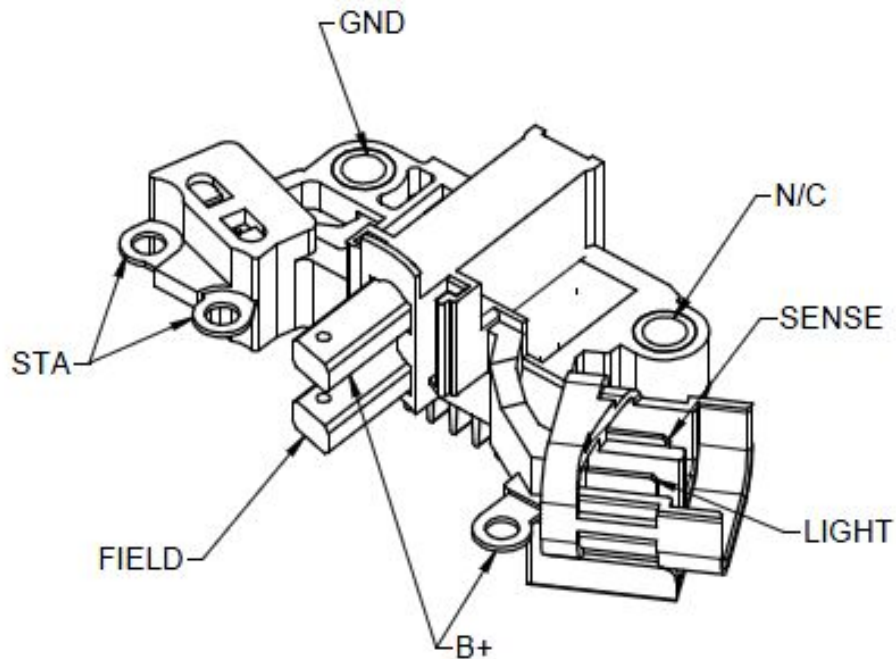
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH746	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint should be 15.3+/-0.2V.
2. Reconnect Sense, disconnect Stator, the Light should be on.



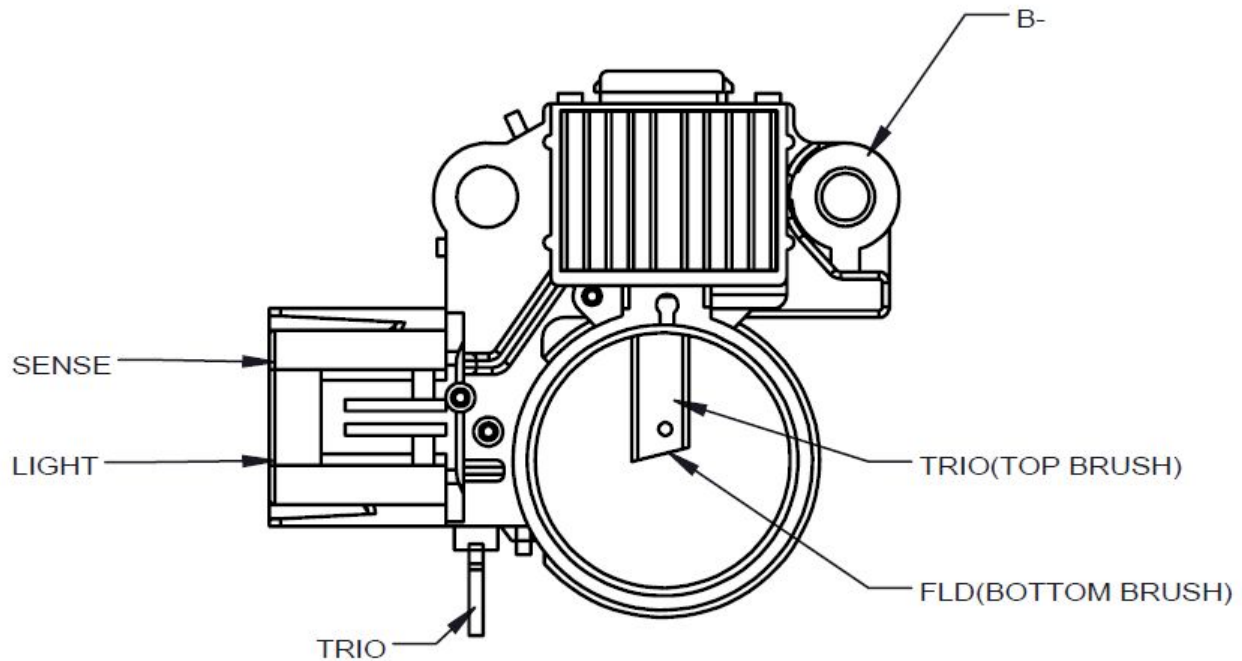
Light Activated.  
Soft Start  
9 seconds LRC  
Standard Lamp -- Without Output

# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM264-2	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
disconnect the SENSE, the setpoint(DMM reading) is about 15.2V



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

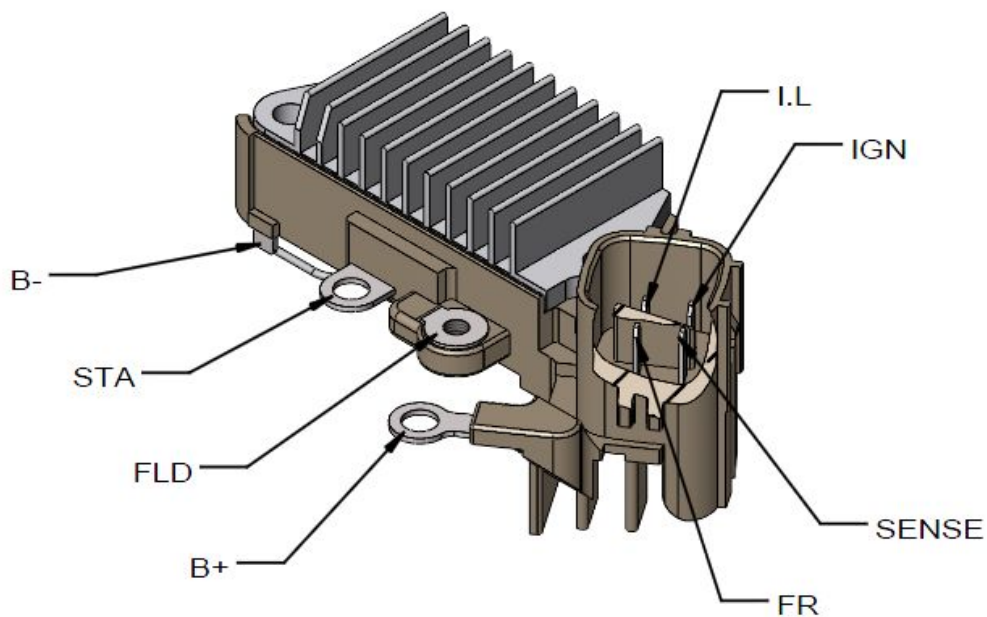
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN289	A	12	13.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

1. Disconnect Sense, the setpoint should be about 14.5V. lamp on
2. Reconnect Sense, disconnect Stator, the Light should be on.



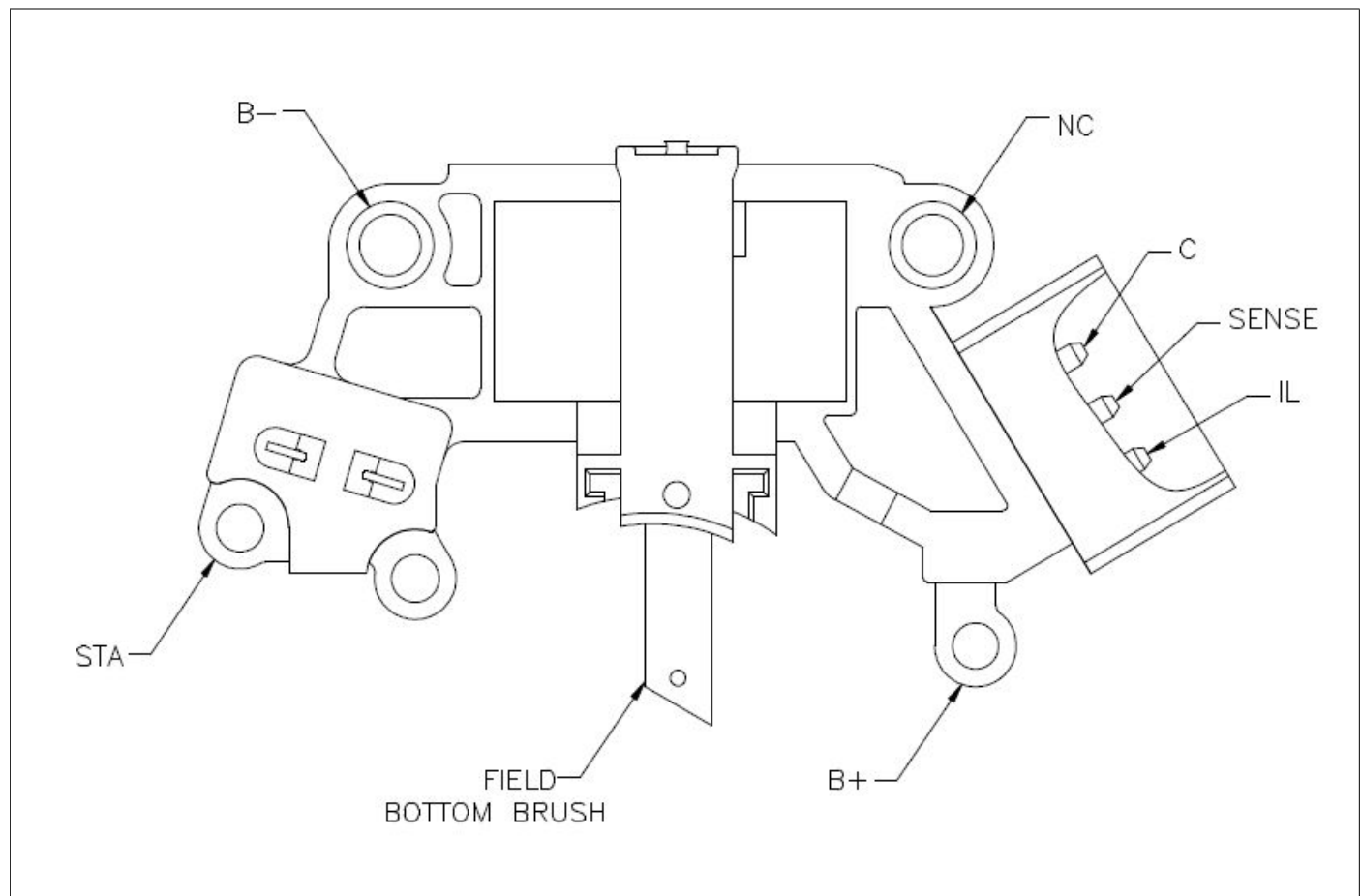
A circuit, low side drive  
with softstart  
with LRC  
IGN actived

# TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH747	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
disconnect the SENSE, the setpoint is about 15.2V, lamp is on



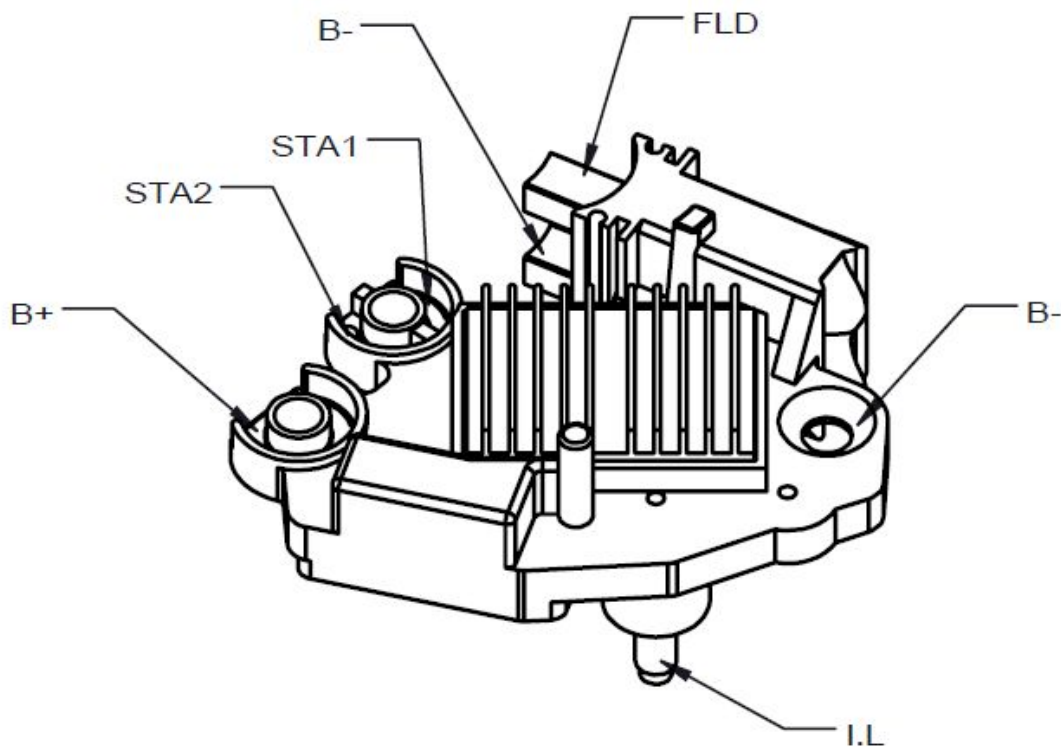
A circuit, low side drive  
light activated  
with LRC  
with soft start  
with C function

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M557	B	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
disconnect the stator, lamp is on



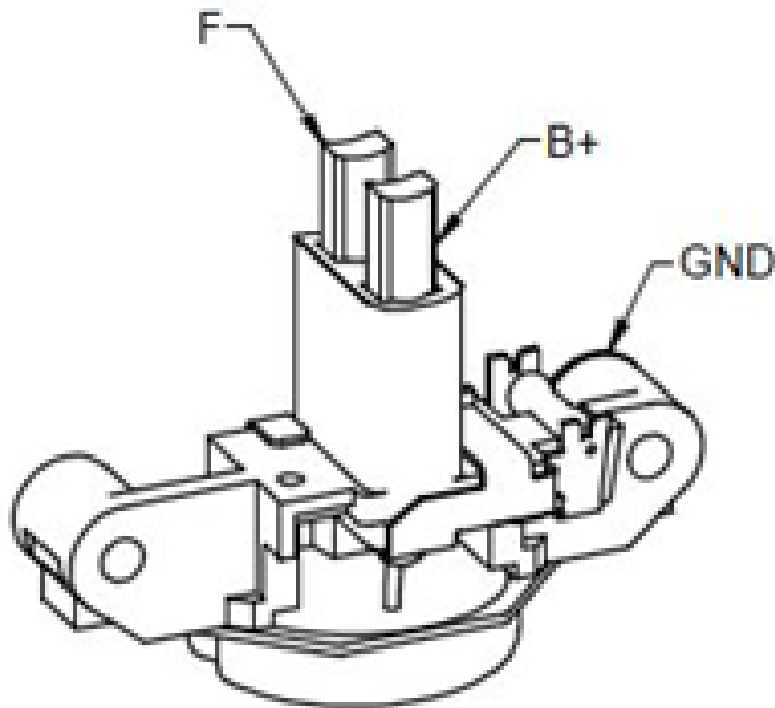
B circuit, high side drive  
with soft start  
with under voltage

## TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB389	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



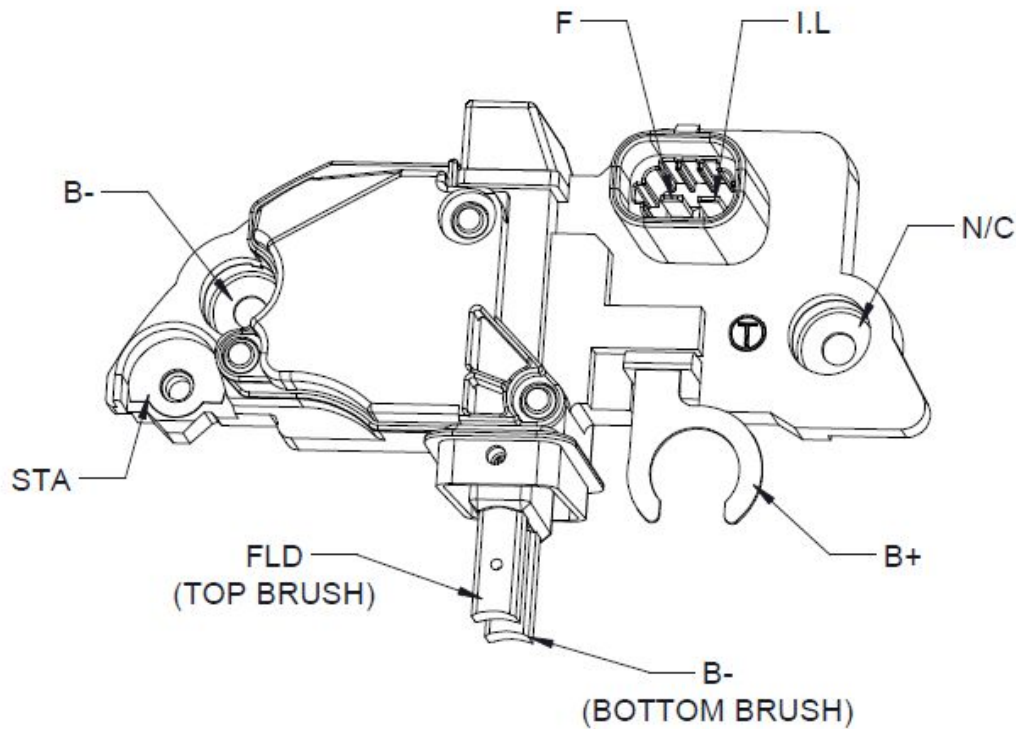
A circuit  
with LRC

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB160	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



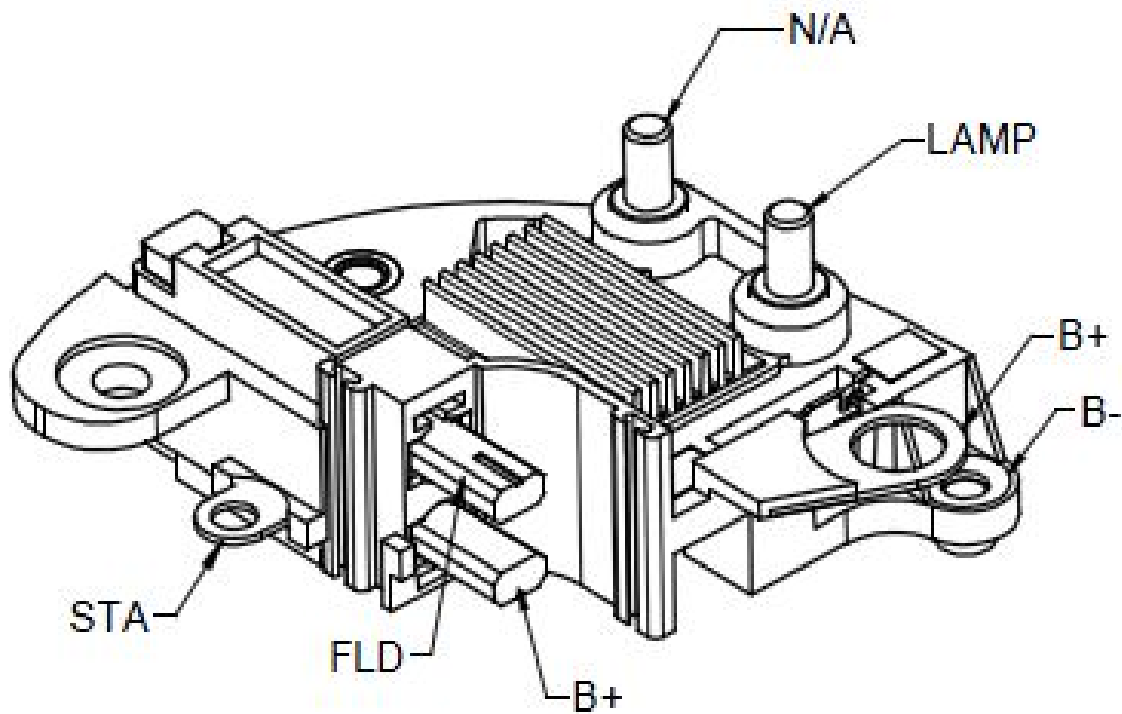
B circuit, low side drive  
 STA activated and light activated to softstart  
 without LRC  
 with softstart  
 with F function

## TRANSPO TESTER INSTRUCTIONS

for MAGNETI MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX597	A	12	14.2				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



A circuit  
without LRC  
with choke drive

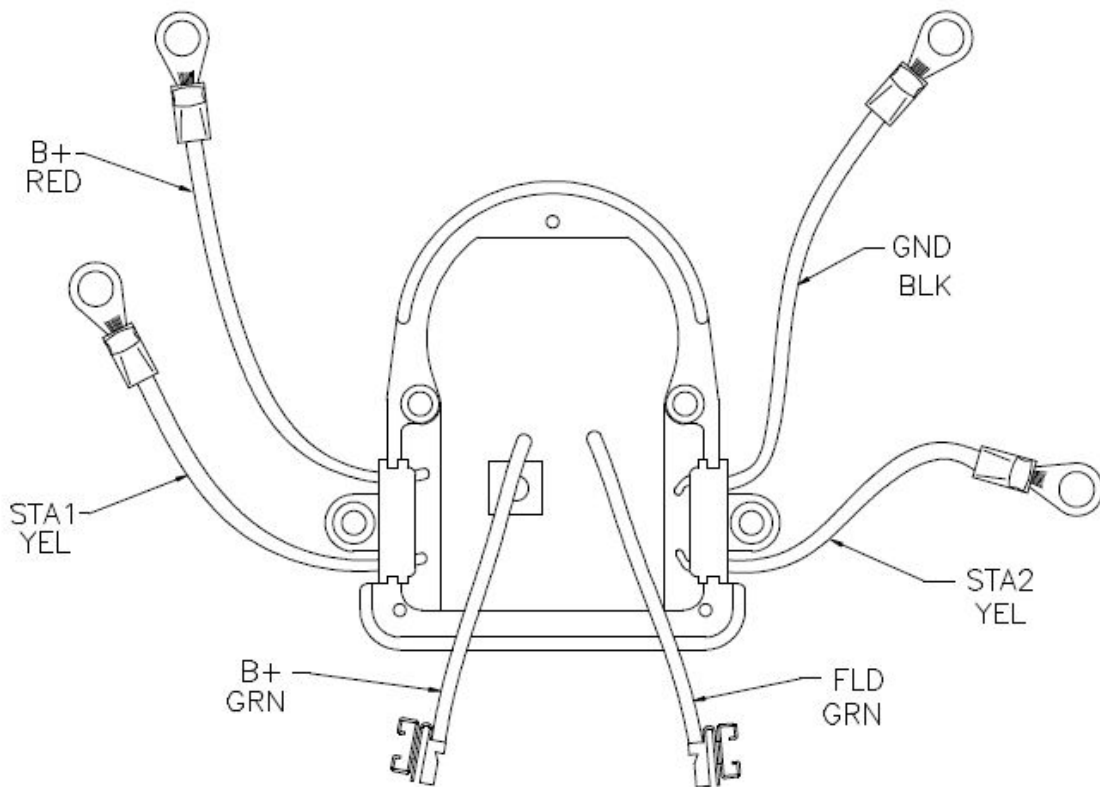


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-2471	A	24	27.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



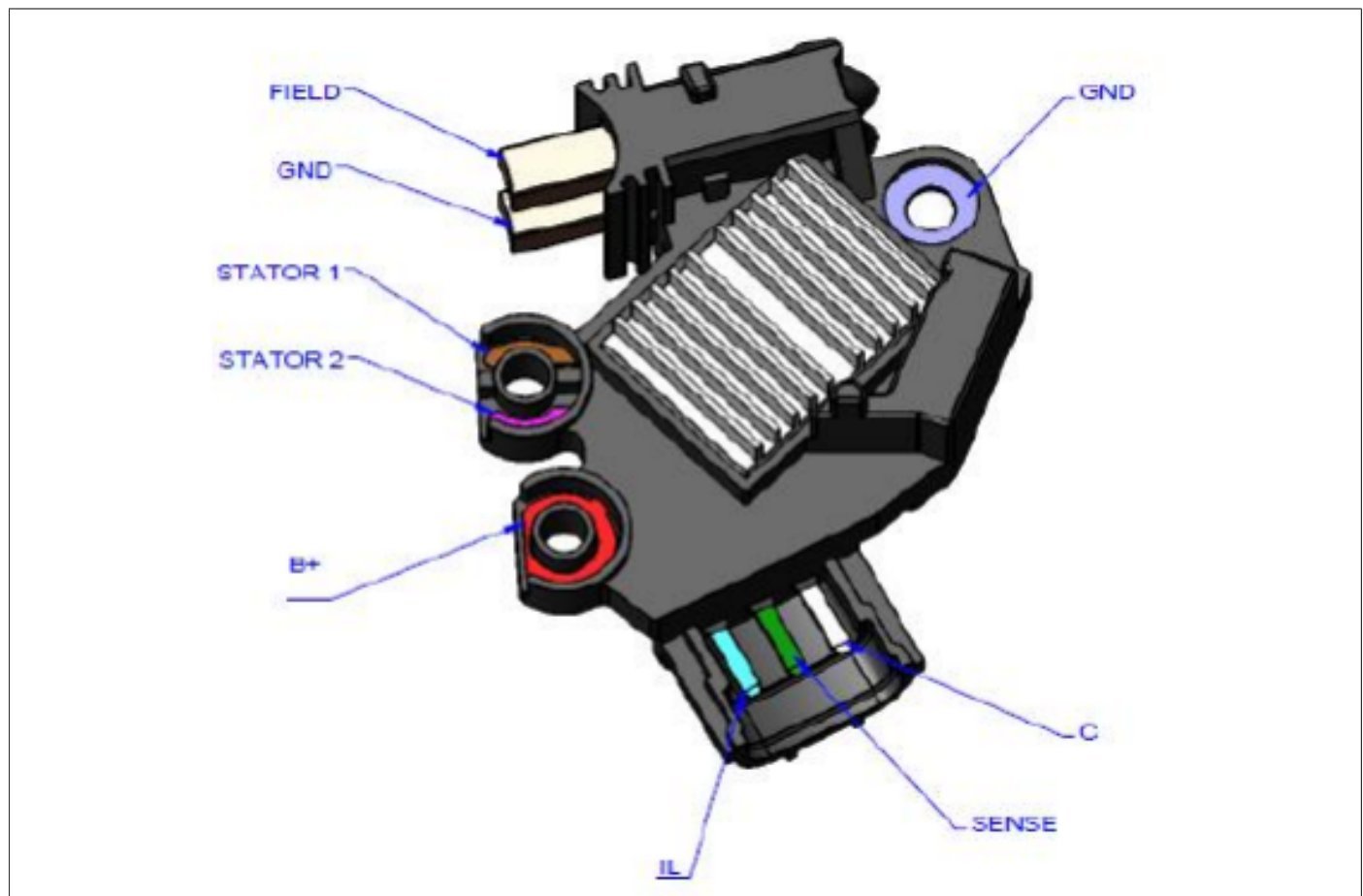
A circuit, low side drive  
STA activated

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M556	B	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
disconnect the SENSE, the setpoint is about 15.0V.



B circuit, high side drive  
light/stator activated  
with LRC  
with C function  
with soft start

# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB266	A	12	14.2				
IB266V	A	12	14.2				

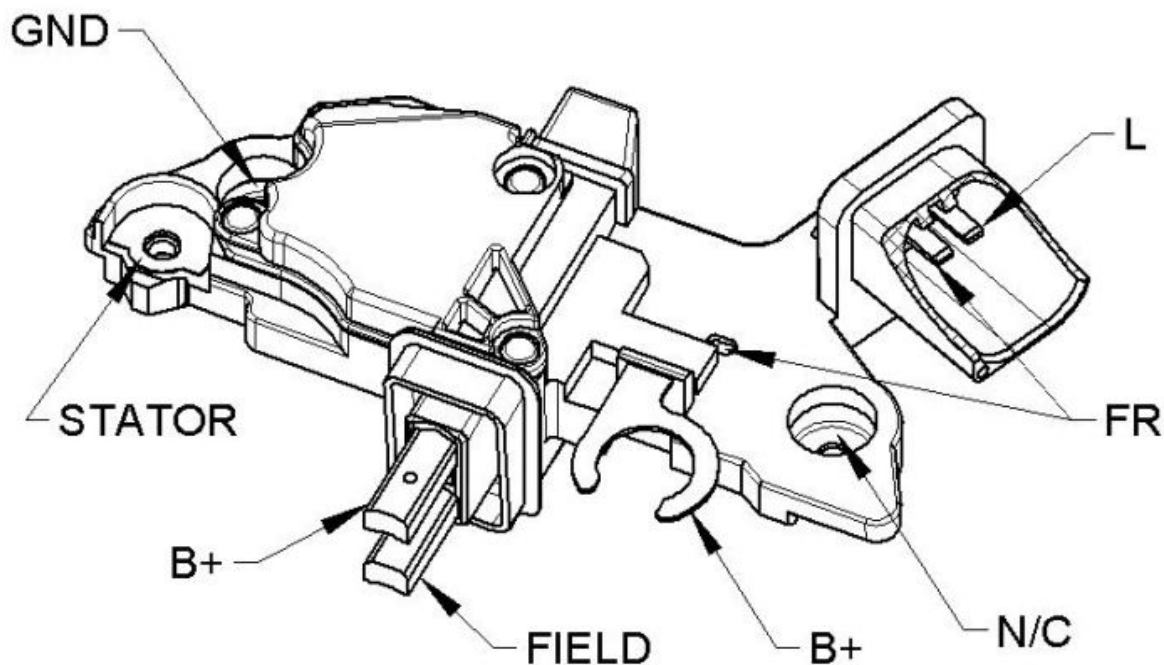
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.



A circuit, low side drive  
Light/Stator activated  
with softstart  
with LRC  
with FR function

# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F611	A	12V	14.0*				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

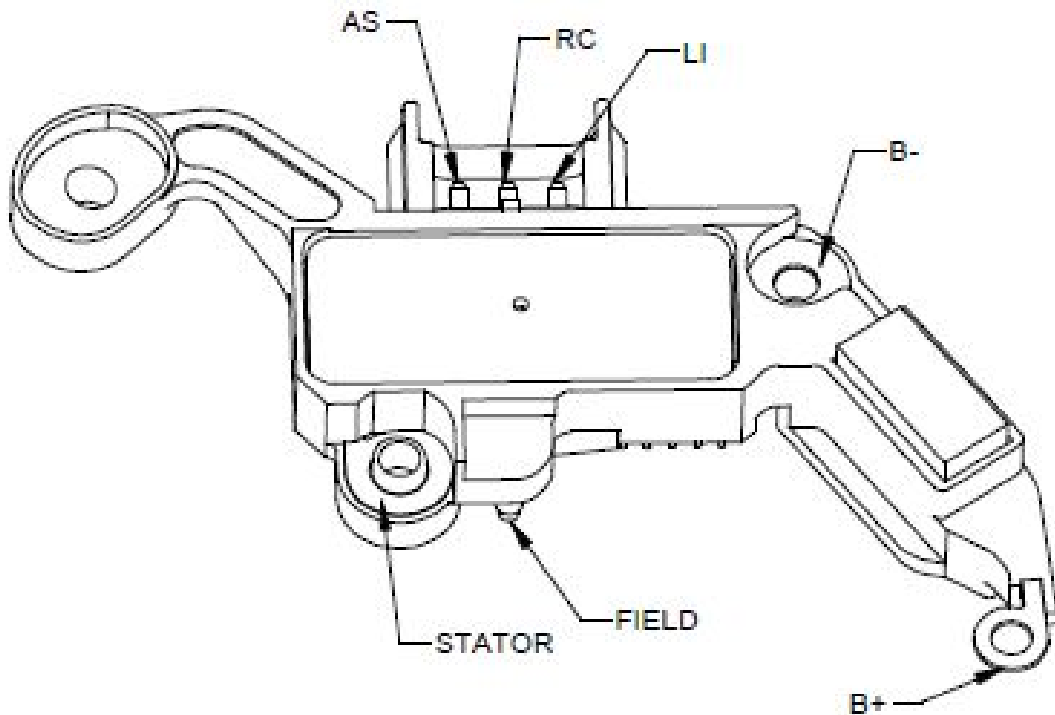
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Use VRC2010 tester to complete RC voltage setpoint testing:

1. Connect RC terminal to VRC2010 tester.
2. Adjust Comm Voltage switch to position 13, Setpoint is 12.9V.
3. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.
4. Adjust Comm Voltage switch to position 15, Setpoint is 14.8V.

\* The 14.0V Set Point indicate above is the 'default VSet' (no vehicle PCM input).

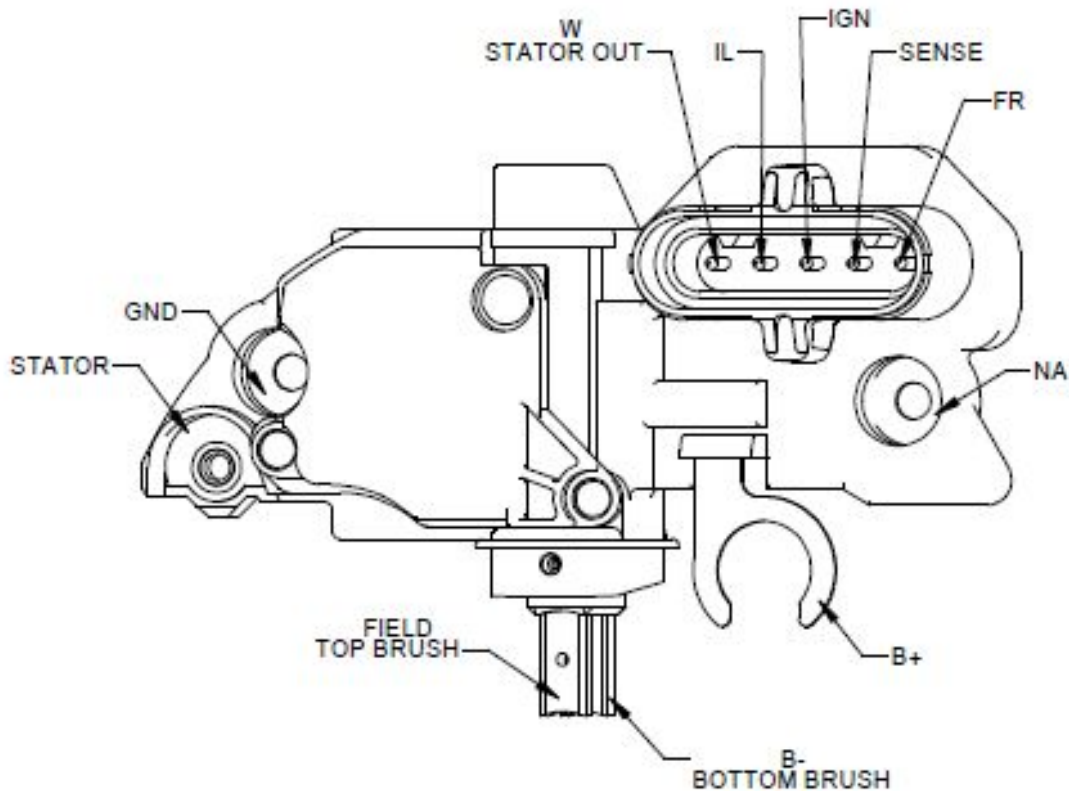


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5300	B	24	25.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



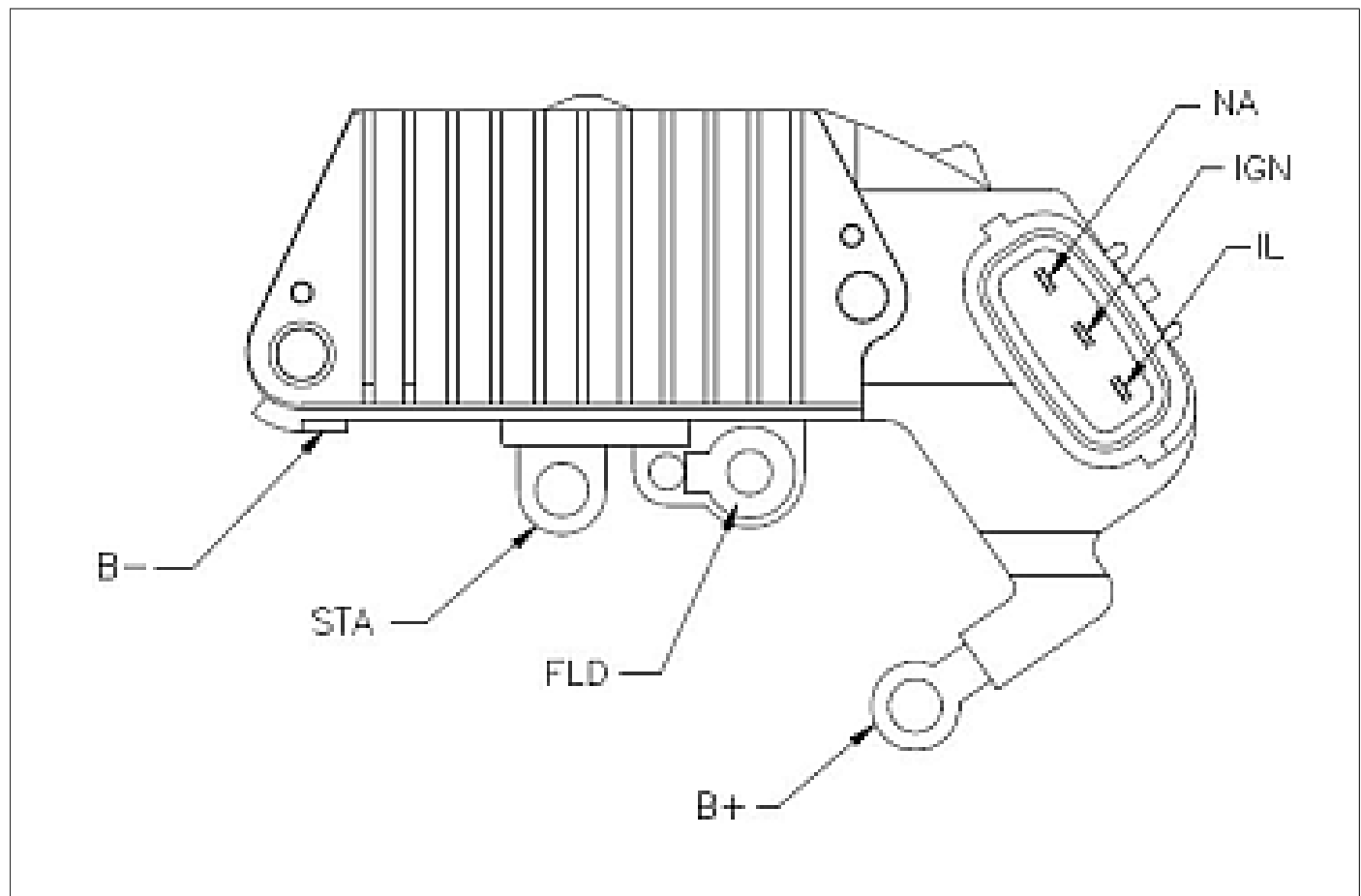
B circuit, high side drive  
Ignition activated  
with softstart  
with FR function

# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN249	A	12	14.65				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



A circuit, low side drive

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M552	B	12	14.5				

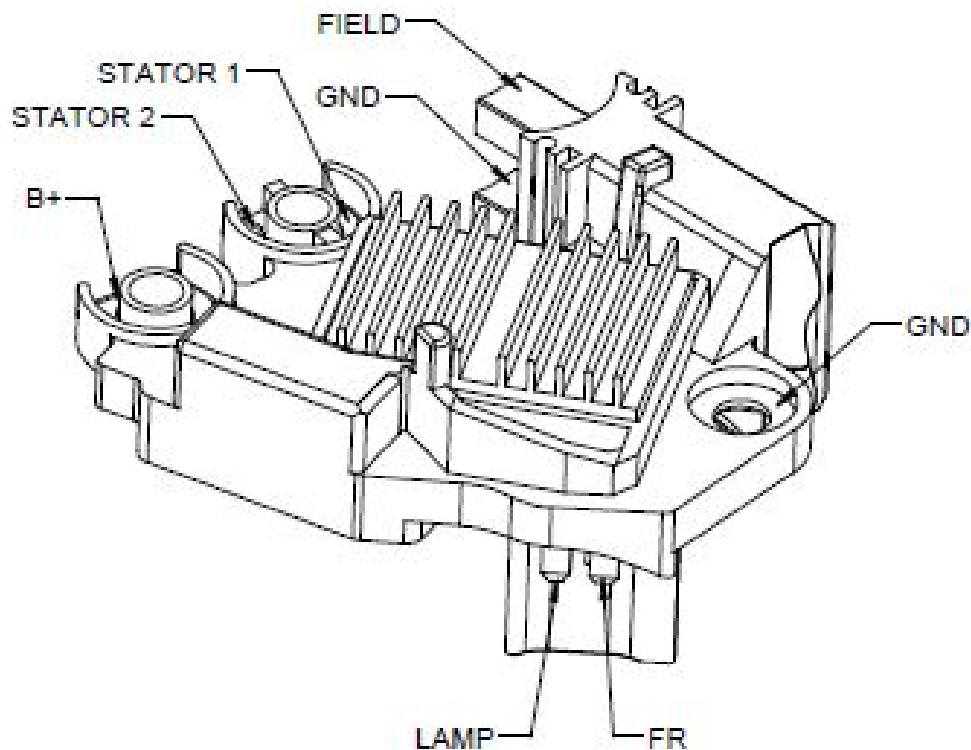
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Disconnect the Stator terminal and the Lamp should turn ON.



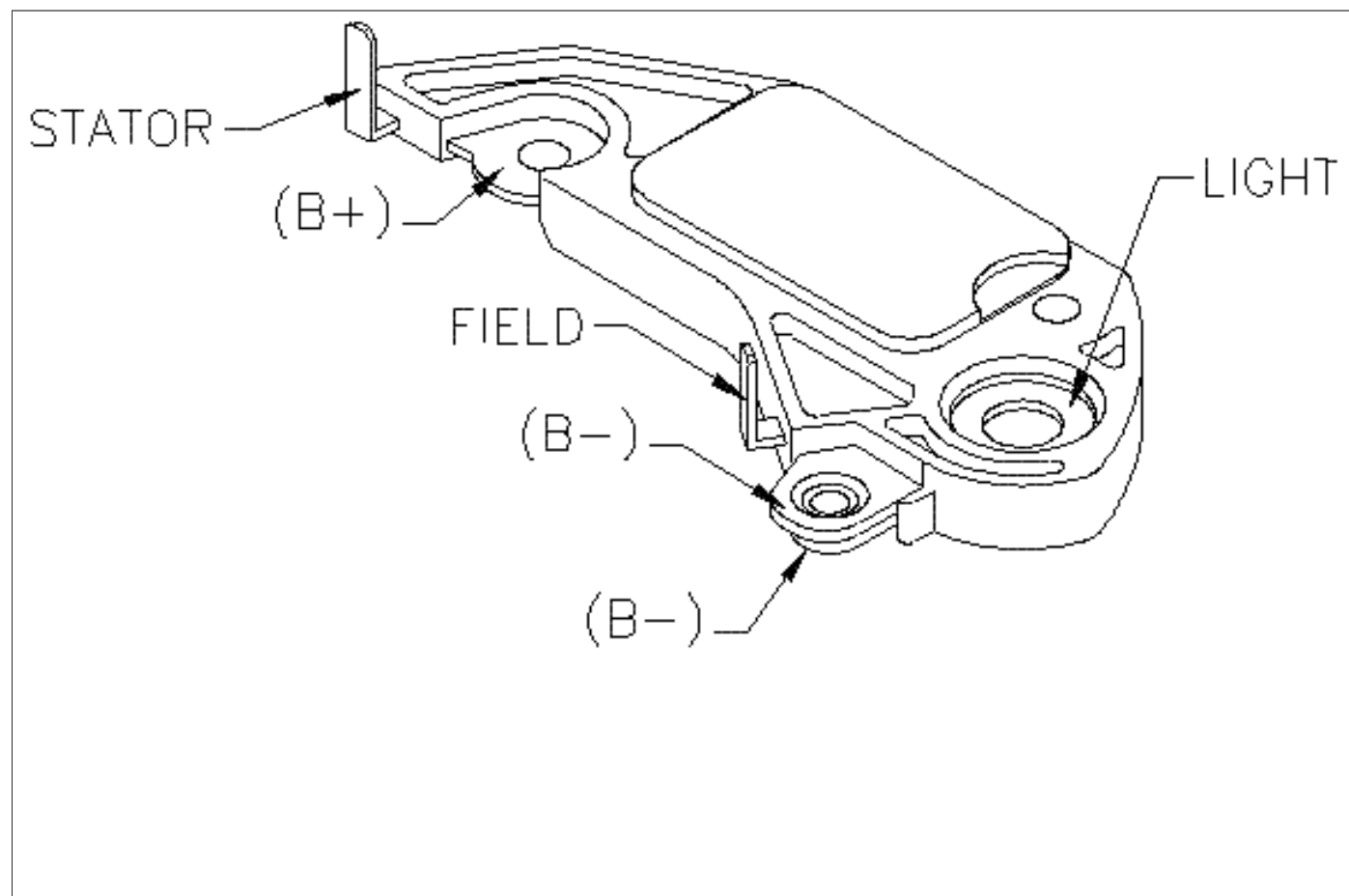
B circuit, high side drive  
with softstart  
with LRC  
with FR

## TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
DE708HD	B	12	14.7				
DE708HD-B-V1	B	12	14.7				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



B circuit, high side drive  
 Light actived  
 with softstart  
 with LRC

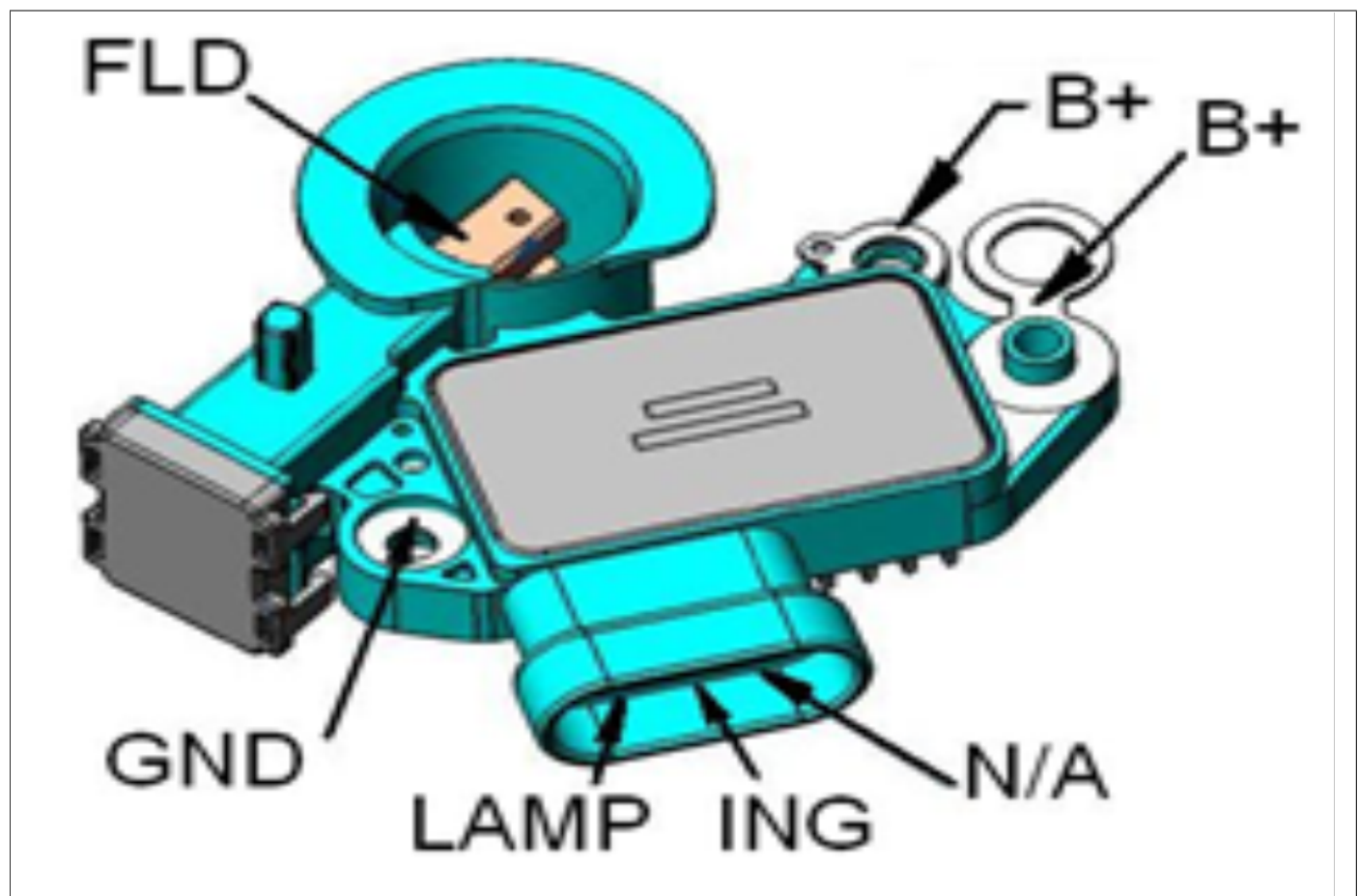


## TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D2262	A	12	14.3				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN462	A	24	28.5				

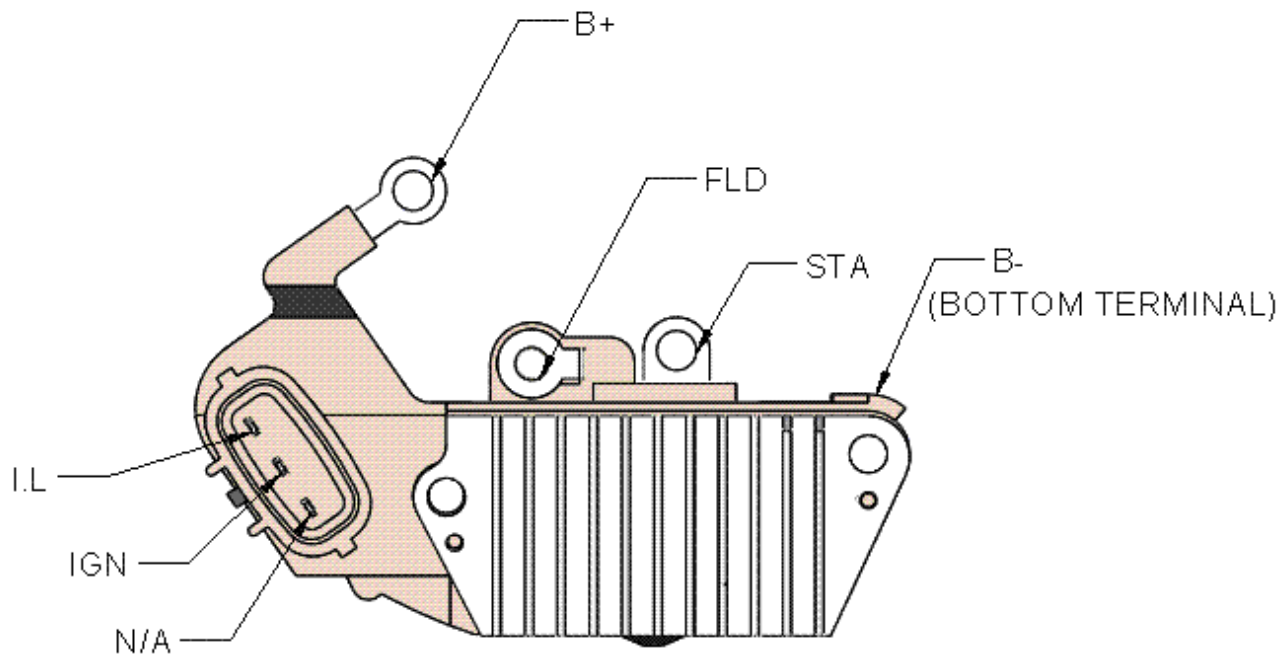
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect the Stator terminal and the Light should turn ON.

Reconnect the Stator terminal, push the Over Voltage button, the light should turn ON.

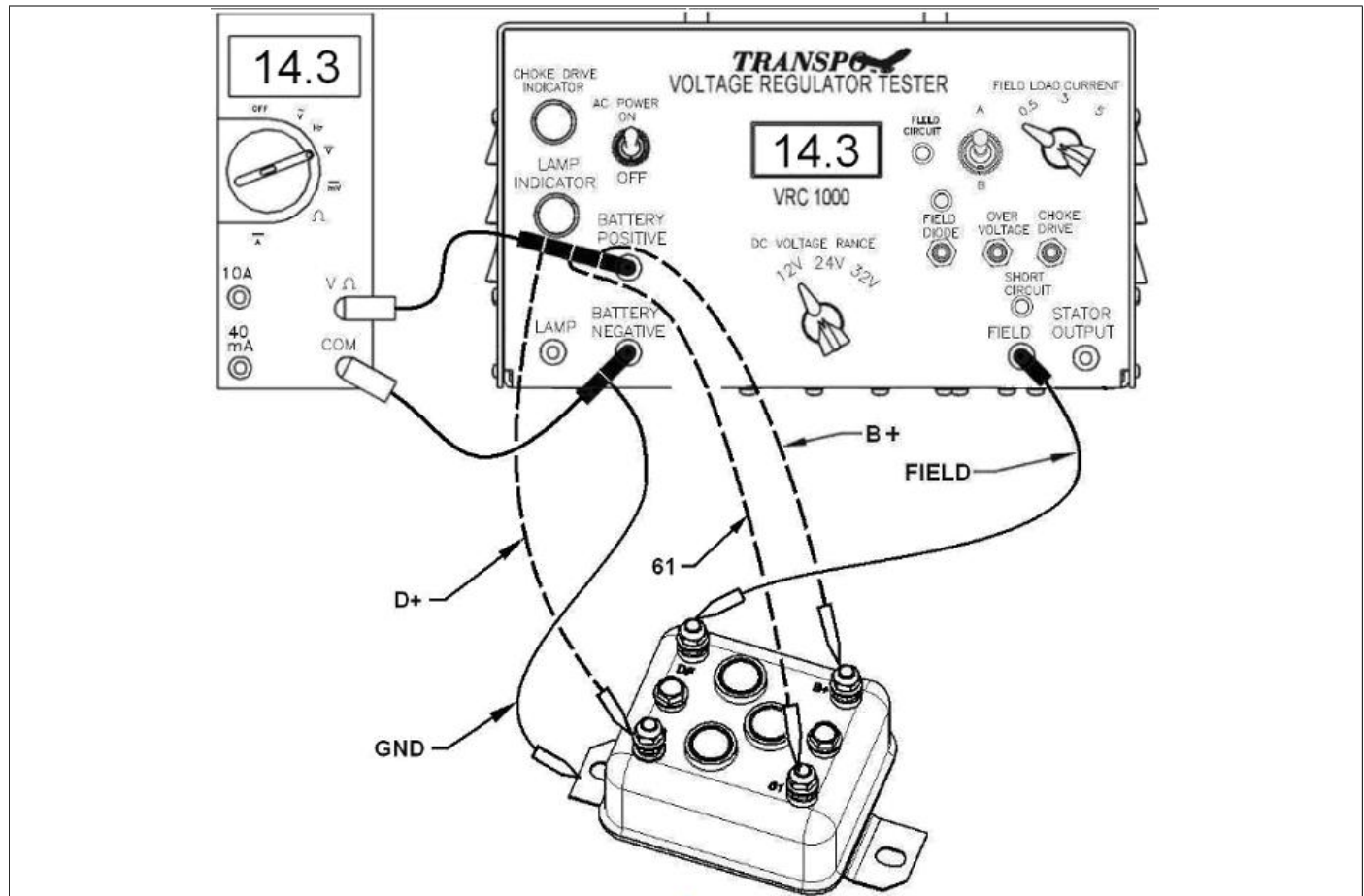


# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB9028	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

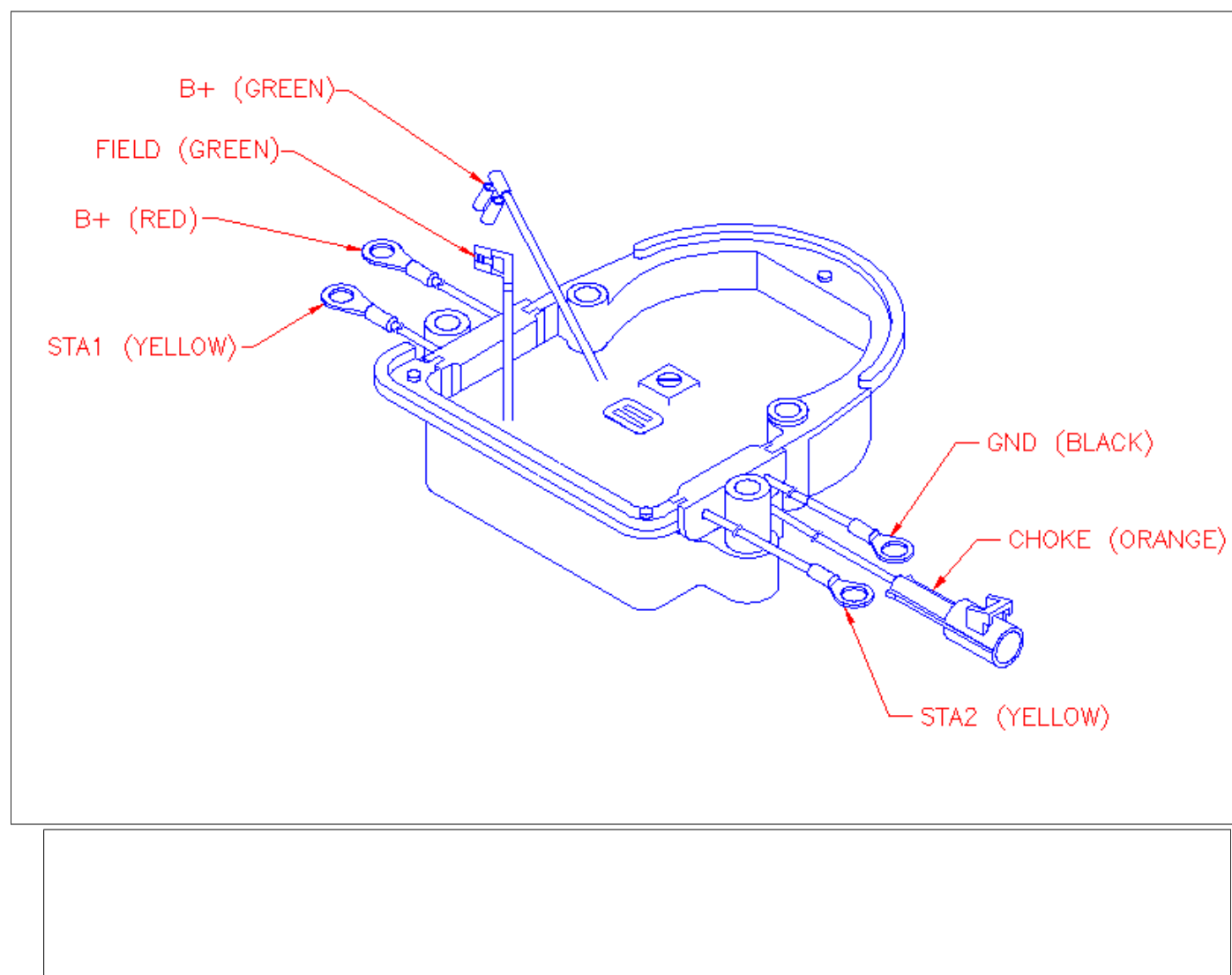


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-050AHD	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Push the Choke switch and the "Choke Drive" will turn on.

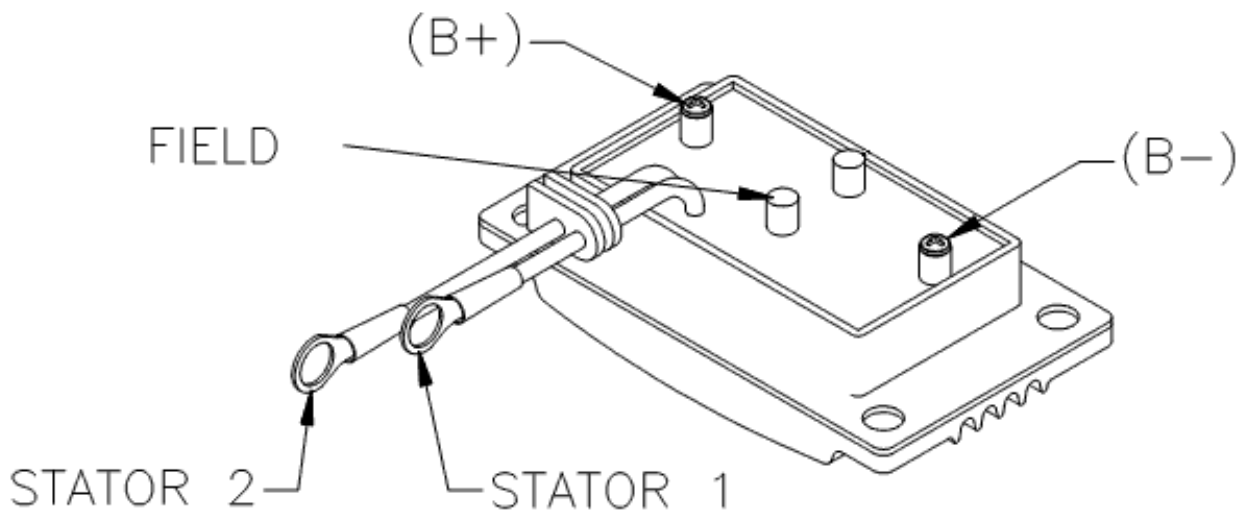


## TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L105746	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

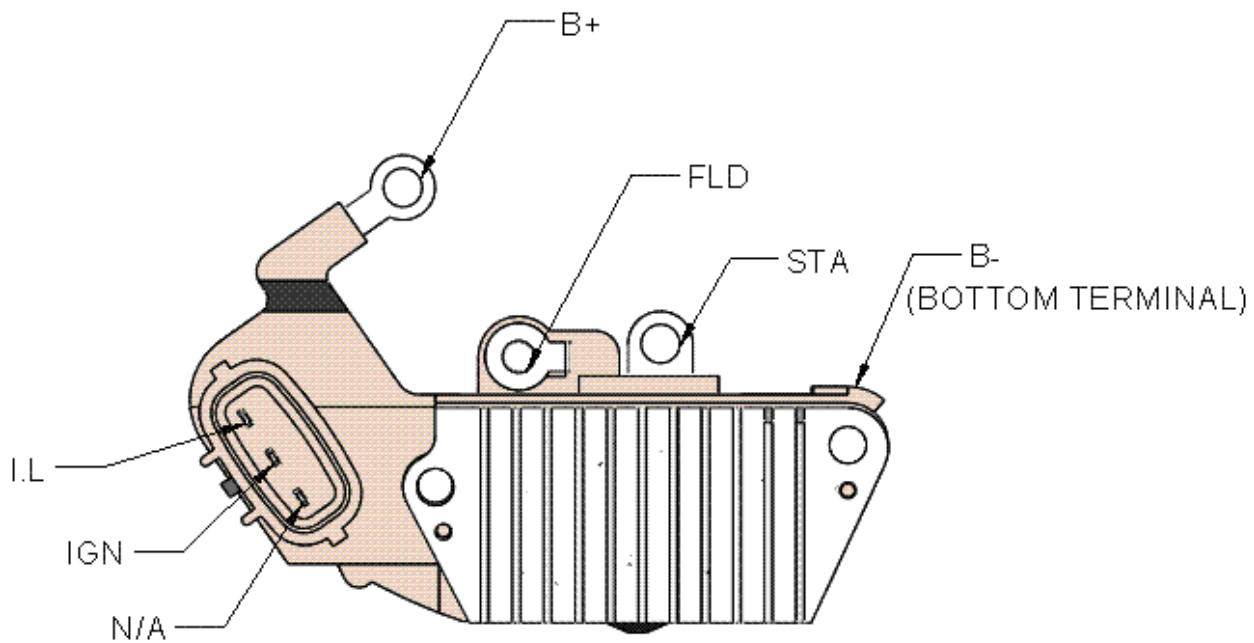
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN373HD	A	24	28.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator comes on.
2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator comes on.



Ignition Activated

# TRANSCO TESTER INSTRUCTIONS

for VALEO/MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M516SC-2	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

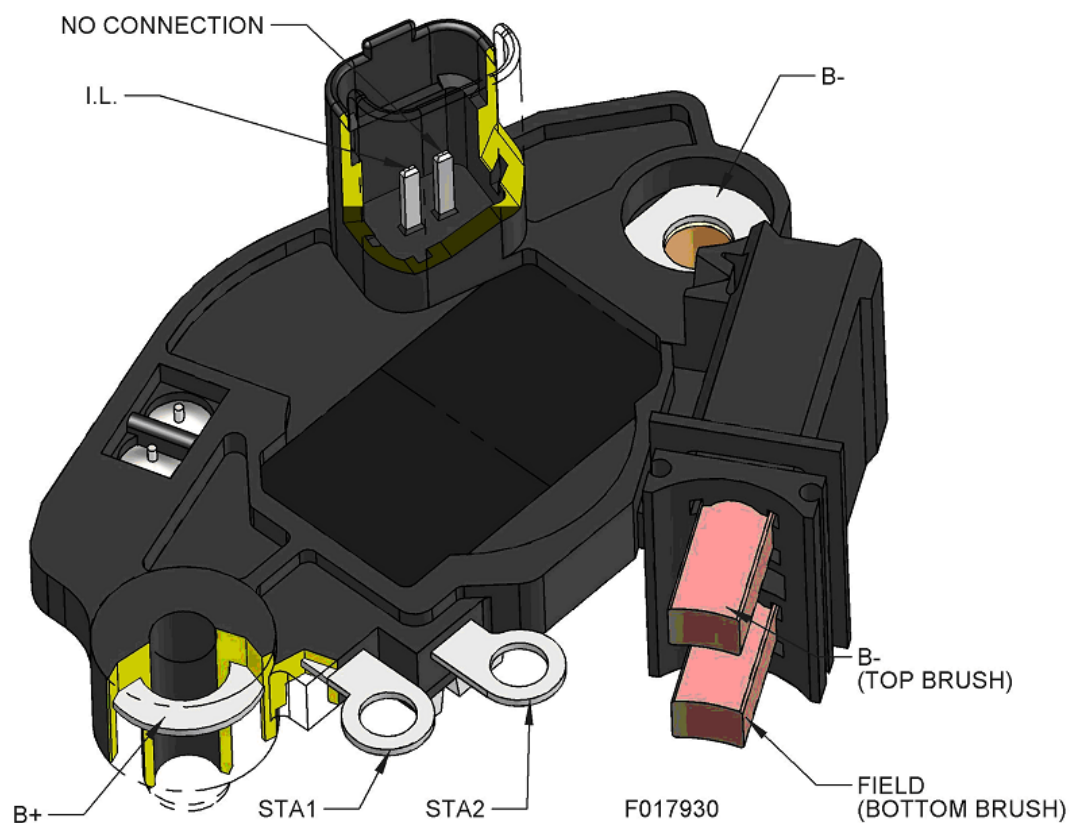
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Push the "Over Voltage" switch and the "Lamp Indicator" will turn on.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM688	A	24	28.45				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

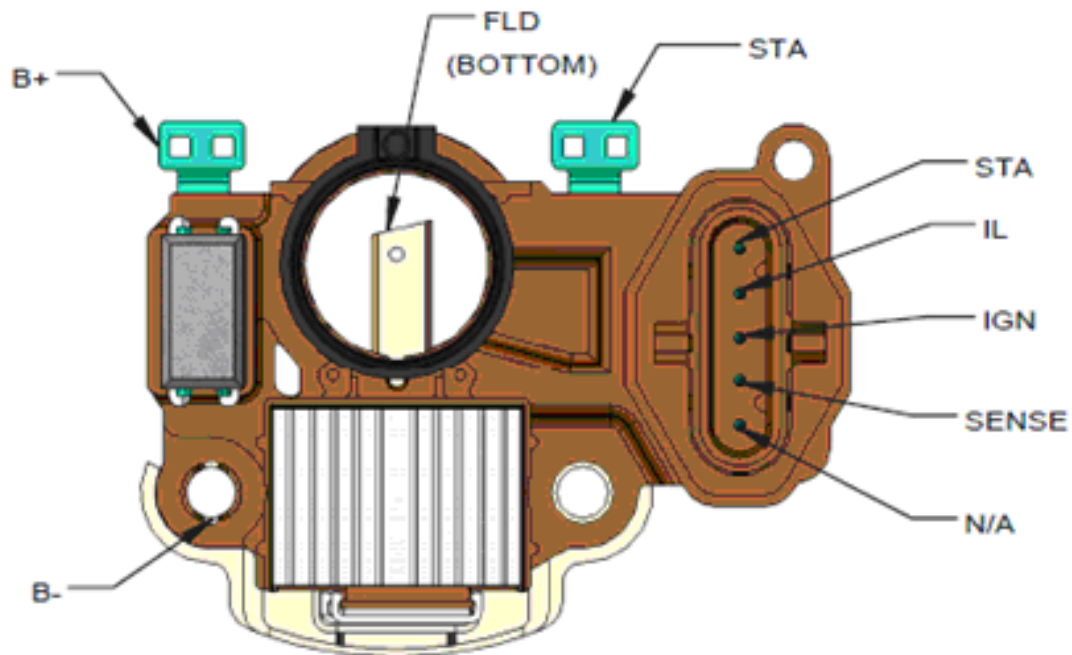
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the choke drive and the "Choke Drive Indicator Lamp" will turn on.

Disconnect the SENSE, Lamp will turn on.

Reconnect SENSE, Lamp will turn off, disconnect the Stator, Lamp will turn on.





# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

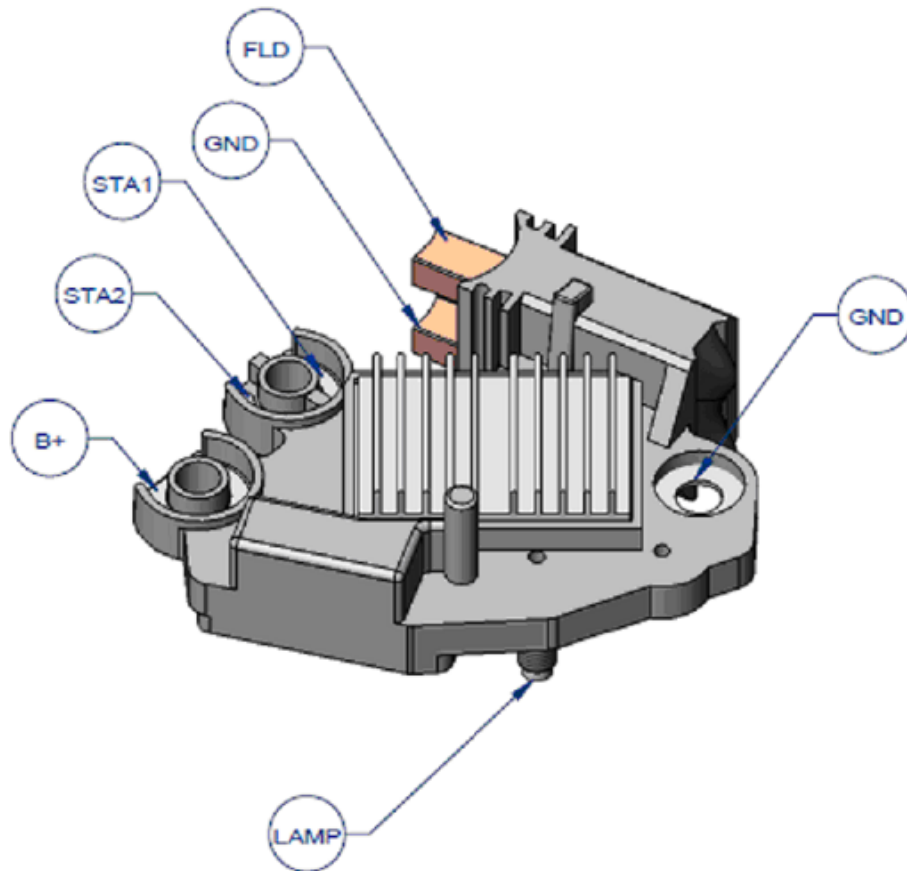
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M561	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the choke drive and the "Choke Drive Indicator Lamp" will turn on,  
Disconnect the Stator terminal, the Lamp should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for MAGNETI MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX135	B	12	13.5*				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

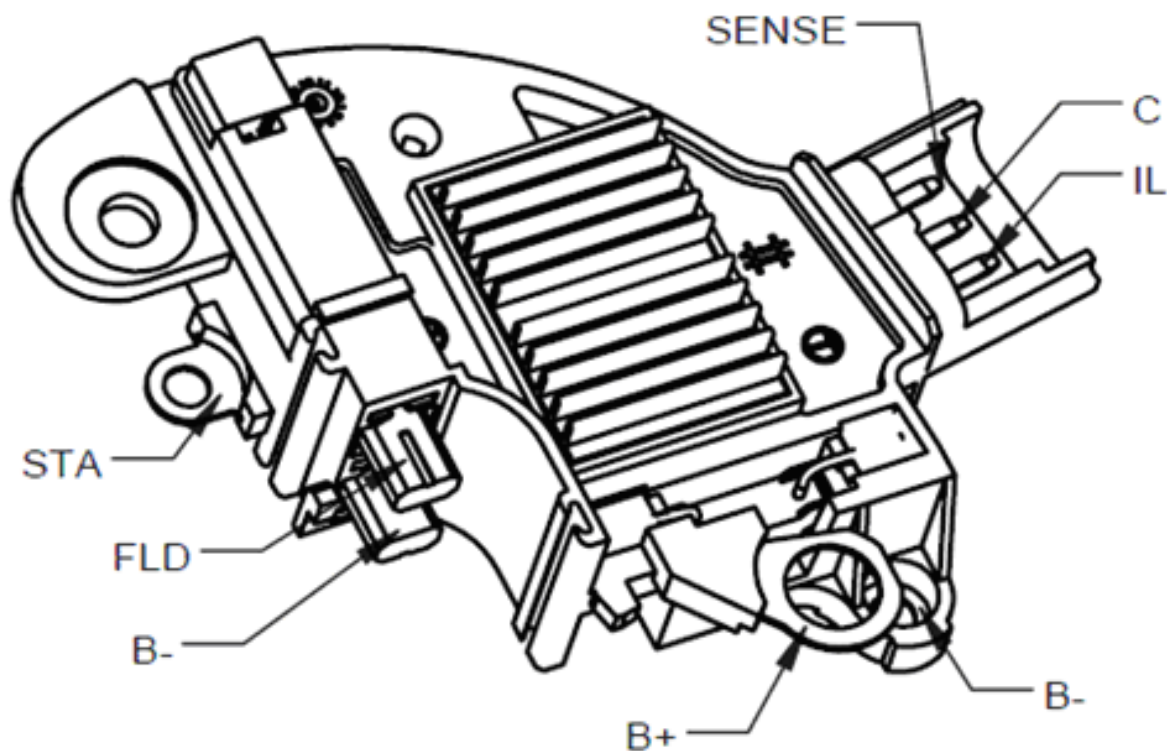
Use VRC2010 tester to complete RC voltage setpoint testing, Connect C terminal to RCV of VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 13.0V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 15.0V.

\* The 13.5V Set Point indicate above is the 'default VSet' (no vehicle PCM input), disconnect the Sense, the set point will be 13.9V +/-0.2V, and the Lamp Indicator comes on.

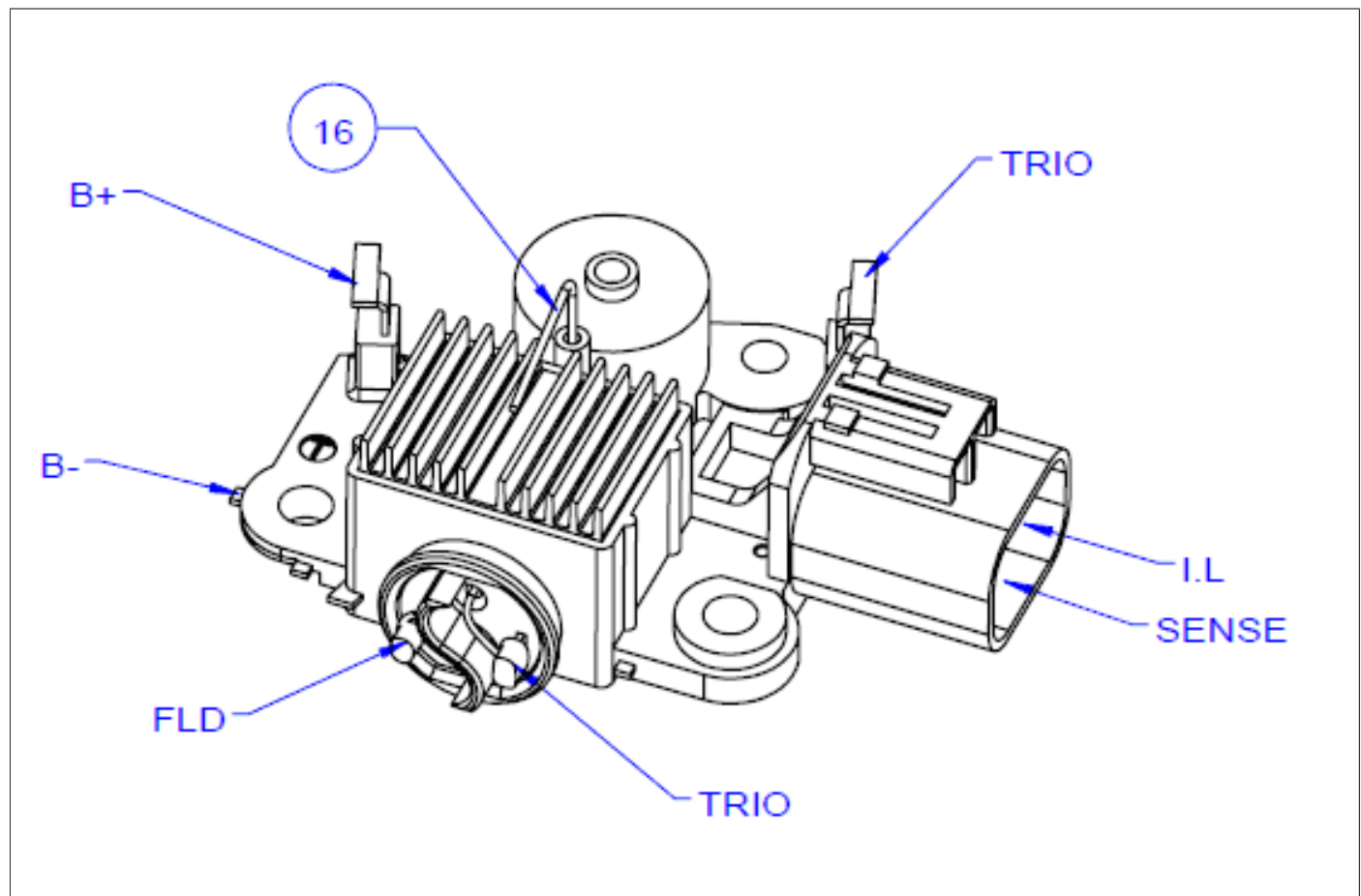


## TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY116	A	12	14.45				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect Sense, the Lamp Indicator comes on, and the set point will be 15.4V +/-0.2V.



## TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM558	A	12	14.7				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

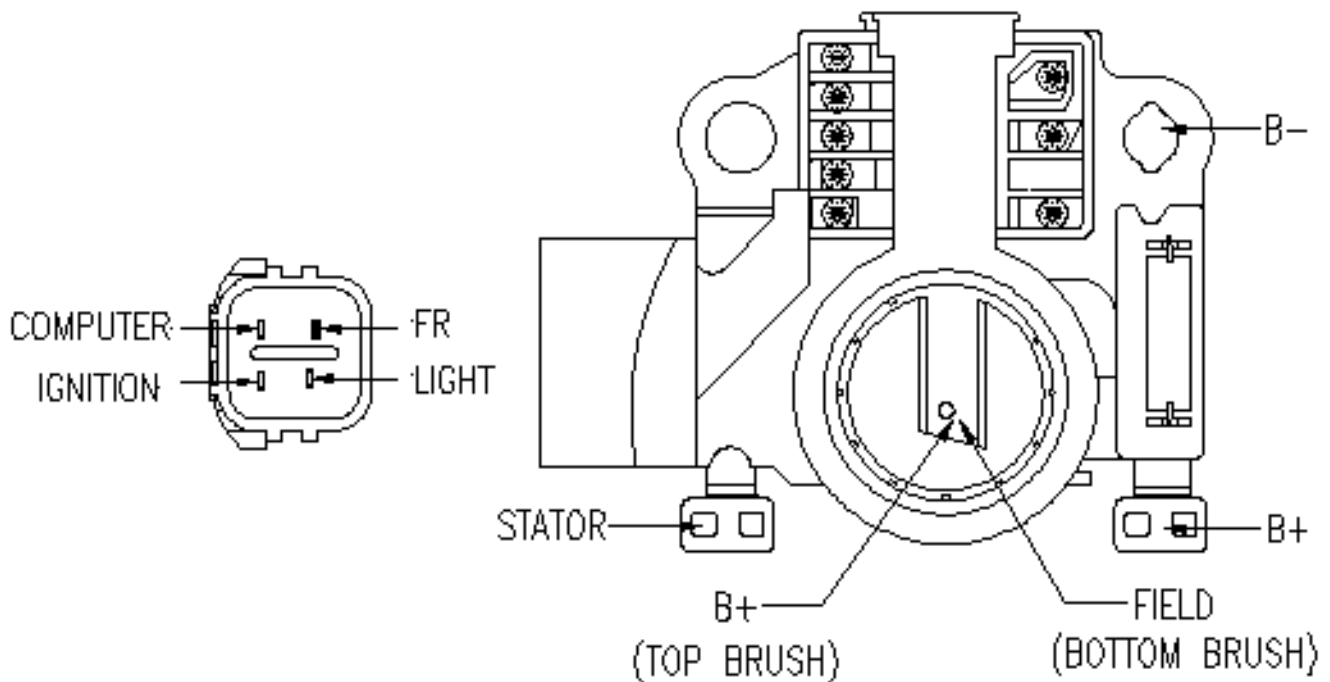
**3. Amendments or Additional Tests:**

Connect IGNITION with B+, Connect COMPUTER terminal to C of VRC2010 tester. don't connect FR.

Push the "Over Voltage" switch and the "Lamp Indicator" will turn on.

Push the "COMPUTER" switch and the Setpoint drops to 12.6V.

Disconnect the Stator terminal and the Lamp should turn ON.



## TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH748	A	12	14.4				

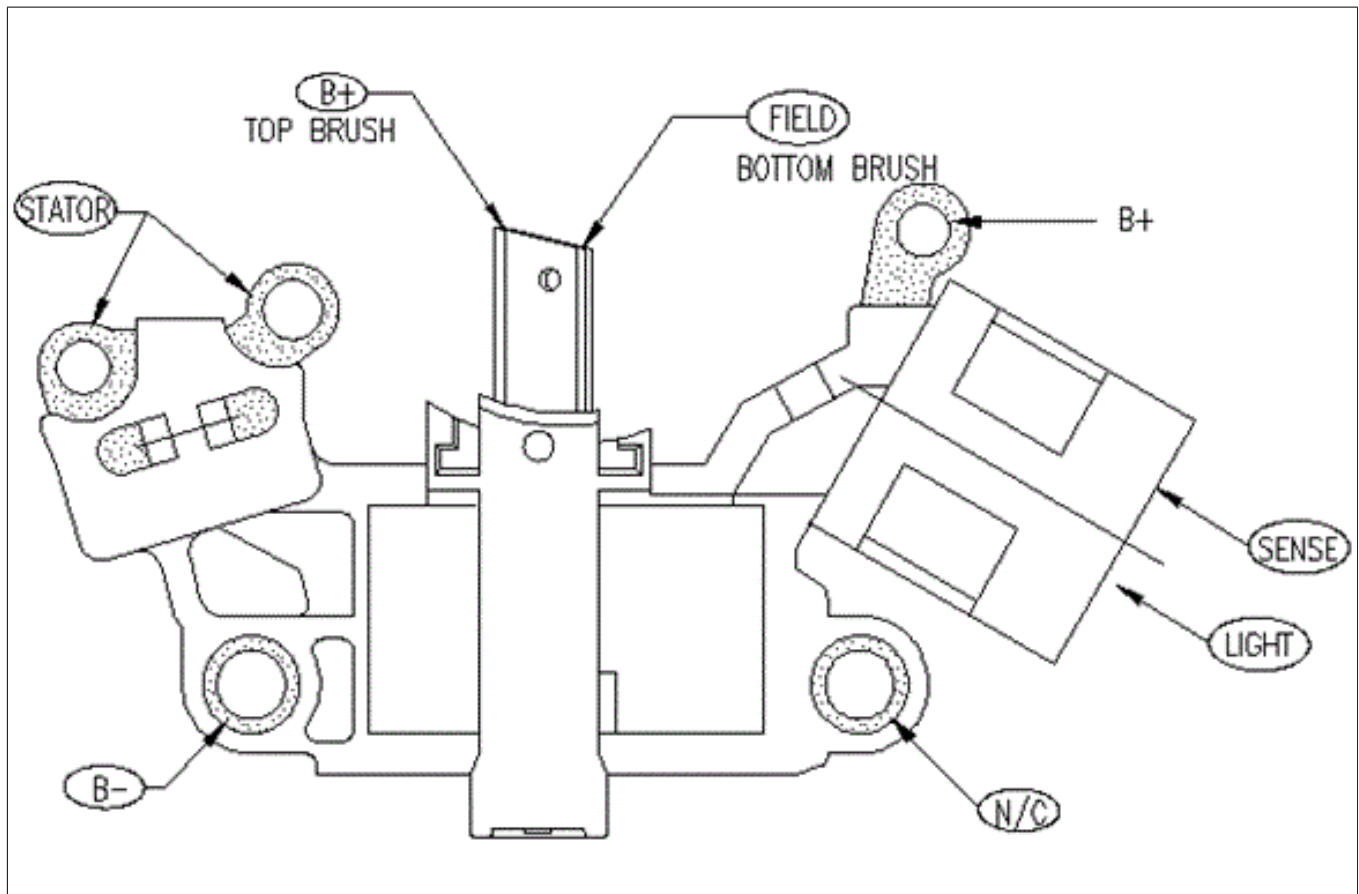
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect the Sense, the set point will be 15.4V +/-0.2V.

Reconnect Sense, disconnect the Stator terminal and the Lamp should turn ON.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM622	A	12	13.45				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

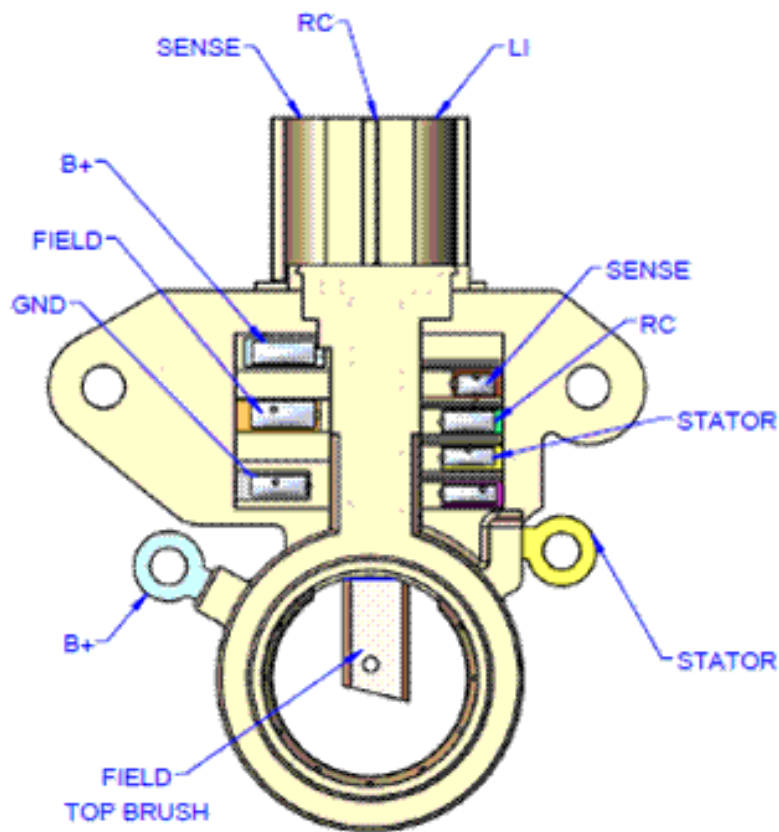
Do not connect RC.

Disconnect the Sense, the set point will be 14.0V +/-0.2V. Connect RC terminal to RCV of VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 13.0V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 15.0V.



## TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

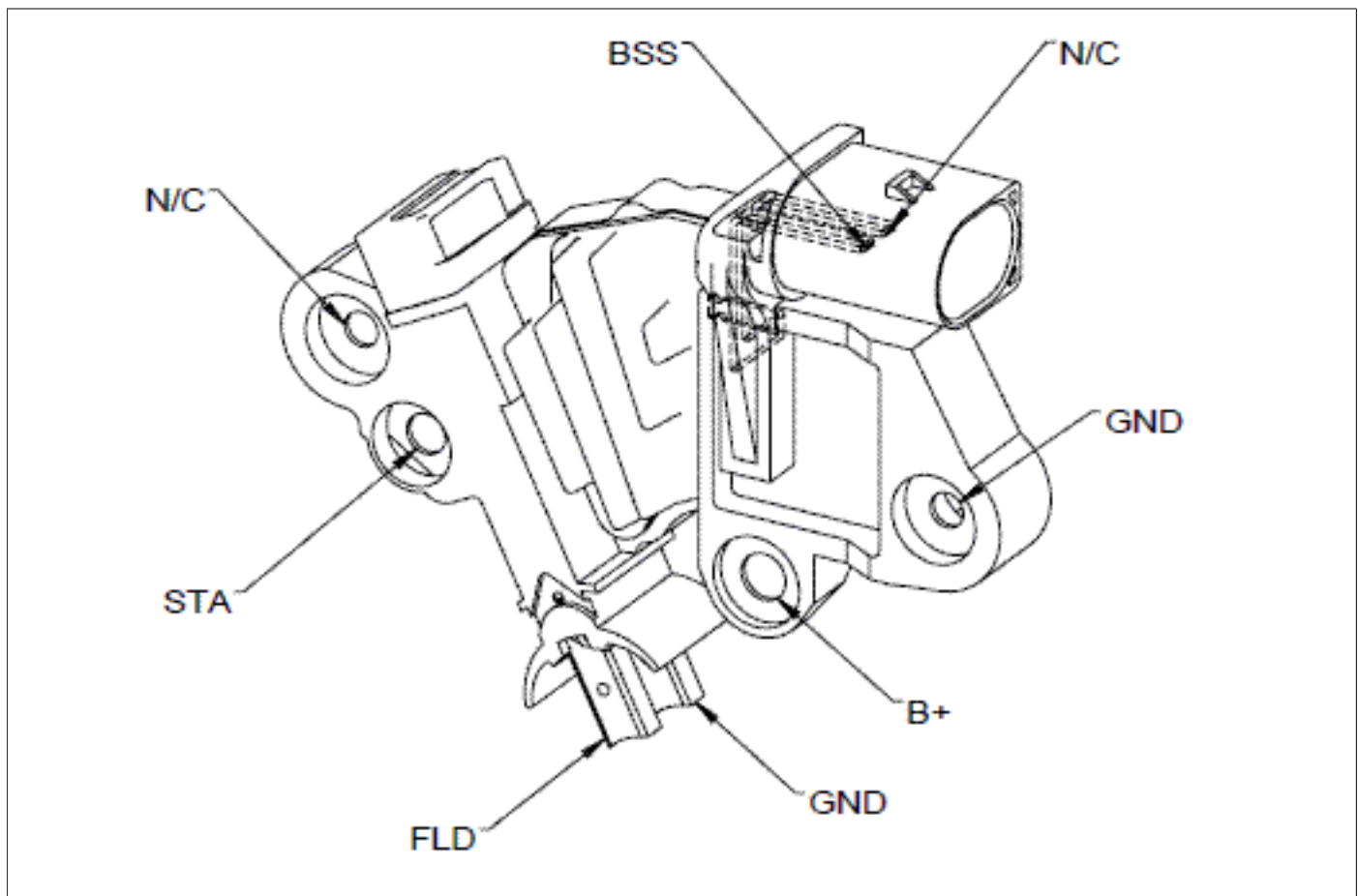
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6024	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.



## TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

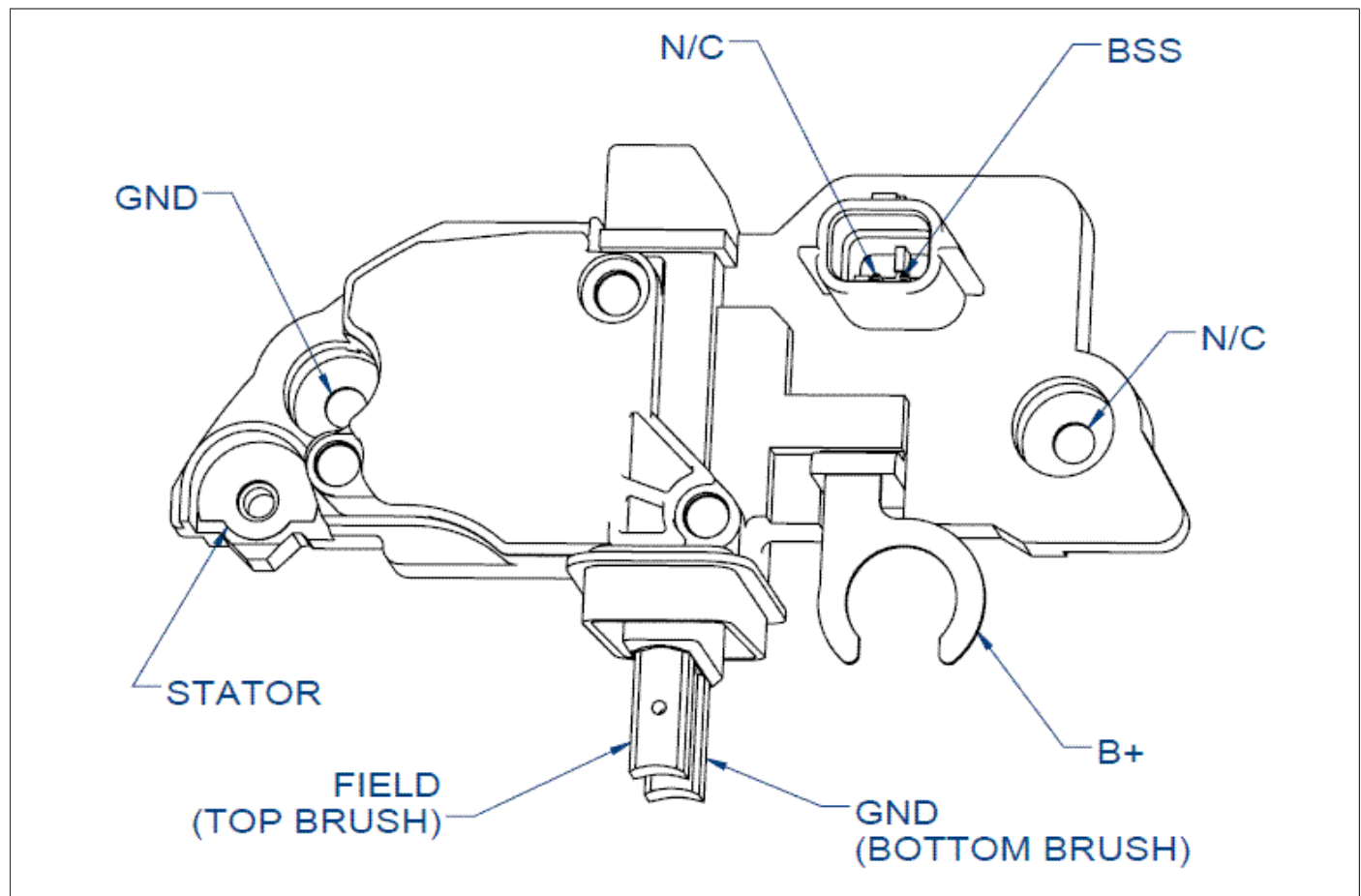
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB321	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.



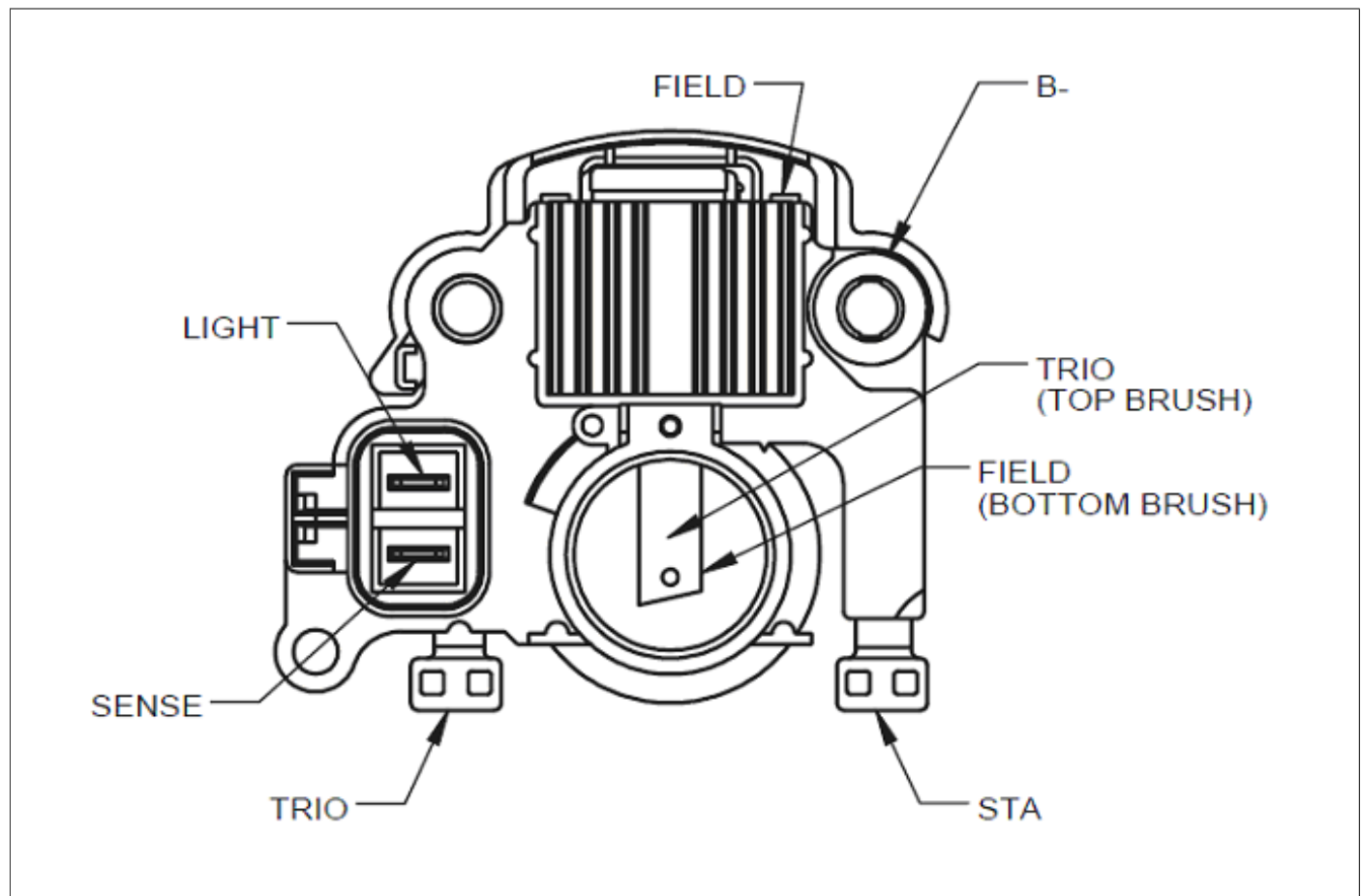


## TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM992	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Sense, the set point will be 15.5V +/-0.3V.



## TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY727	A	12	14.4				

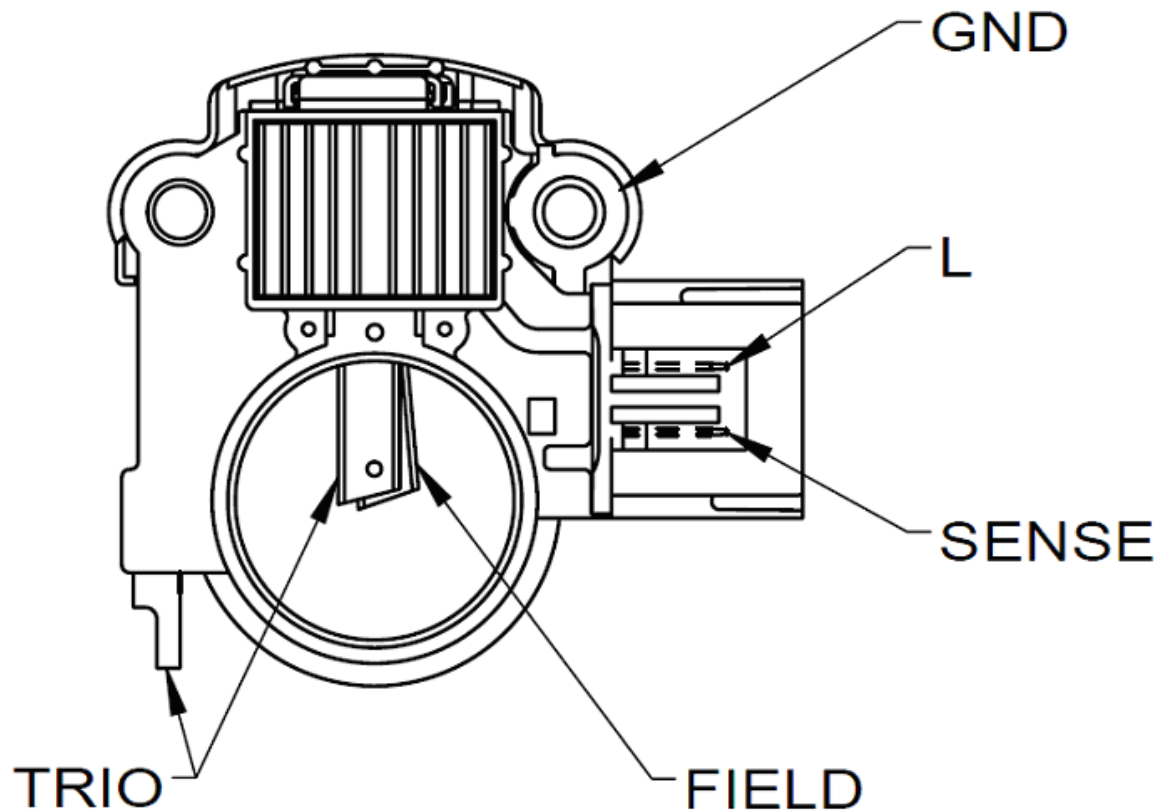
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect TRIO and SENSE to B+.

Disconnect the Sense, the set point will be 15.5V +/-0.3V.

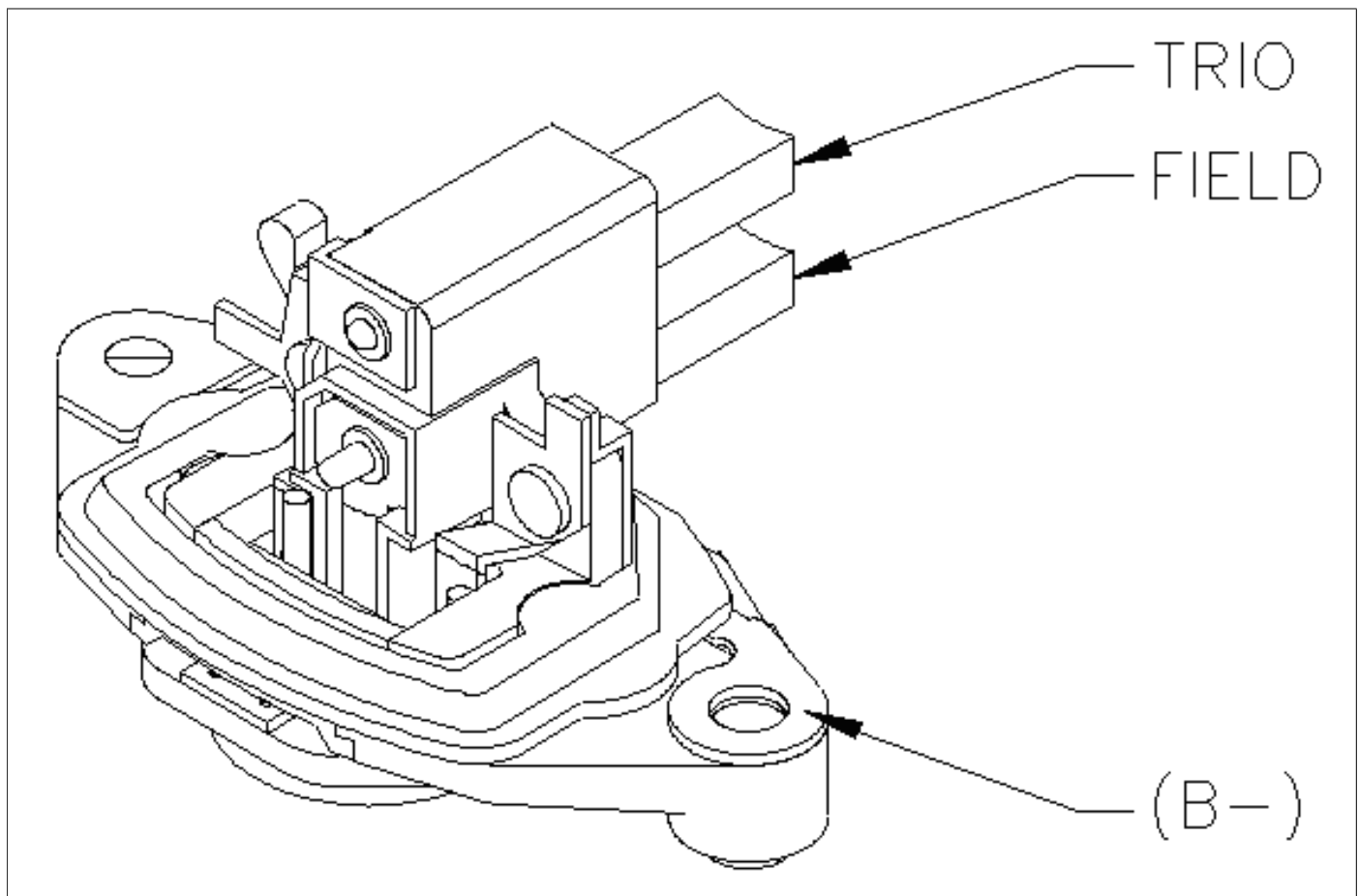


# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB362CN-2	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.



## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6601	A	12	13.4				

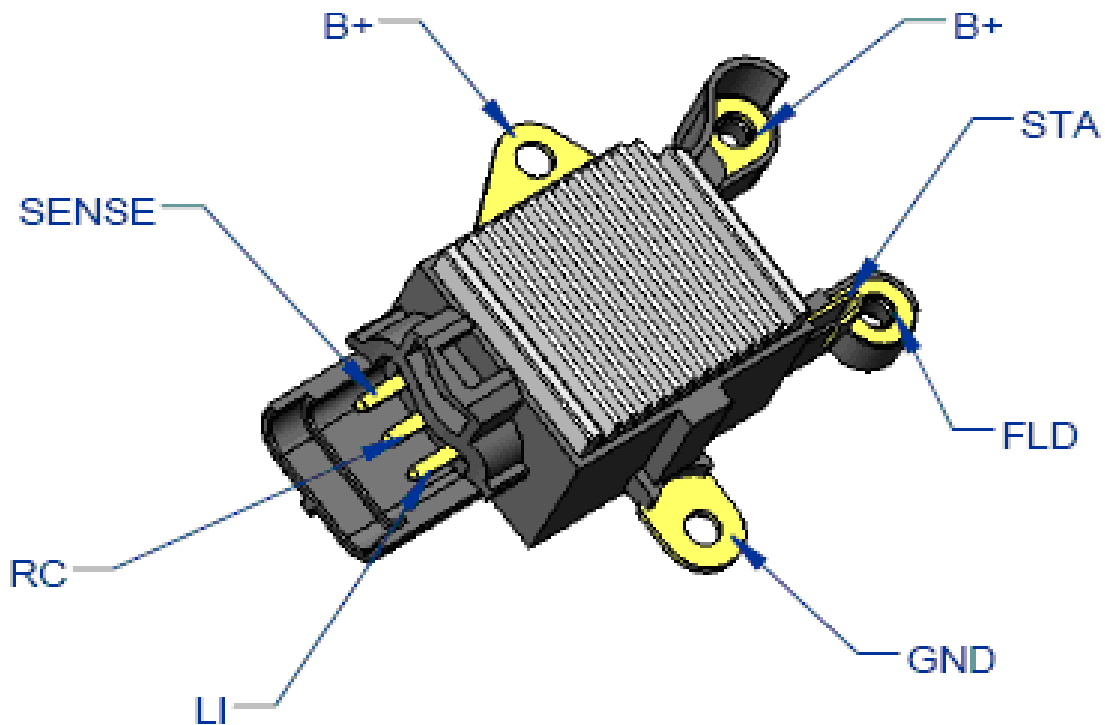
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Use VRC2010 tester to complete RC voltage setpoint testing, Connect RC terminal to RCV of VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 13.0V.
2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.
3. Adjust Comm Voltage switch to position 15, Setpoint is 15.0V.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M530	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

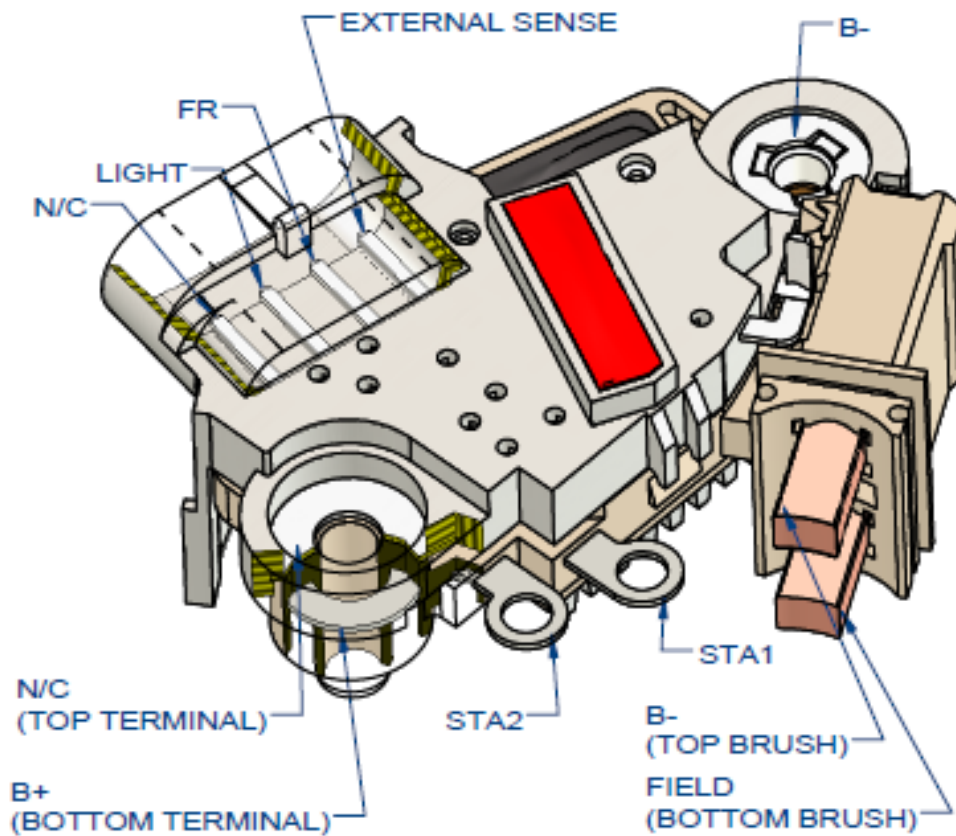
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M560	B	12	14.8				

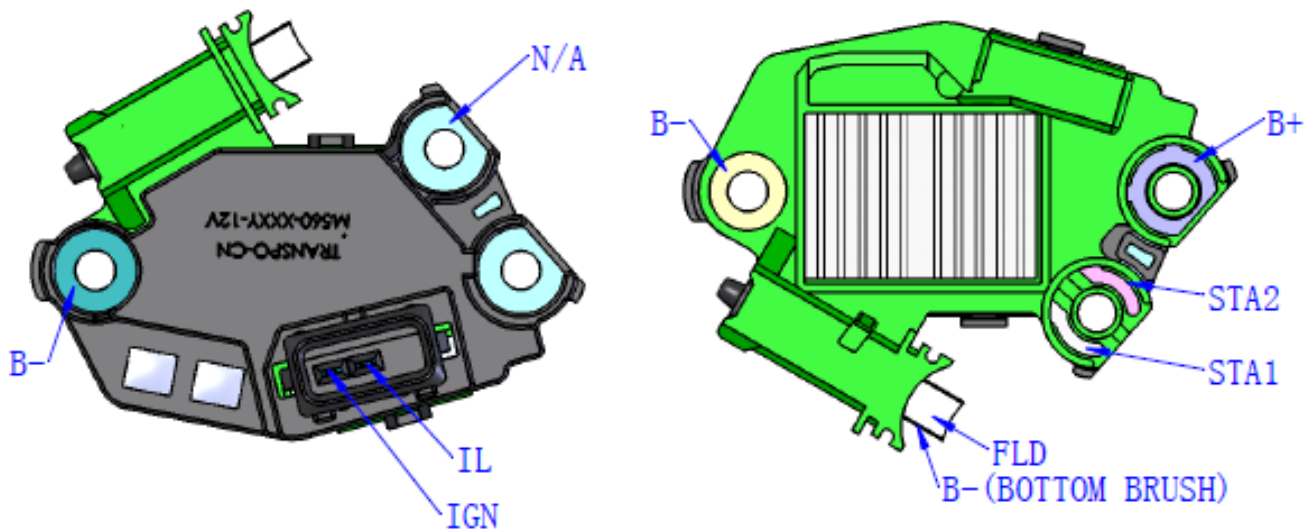
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

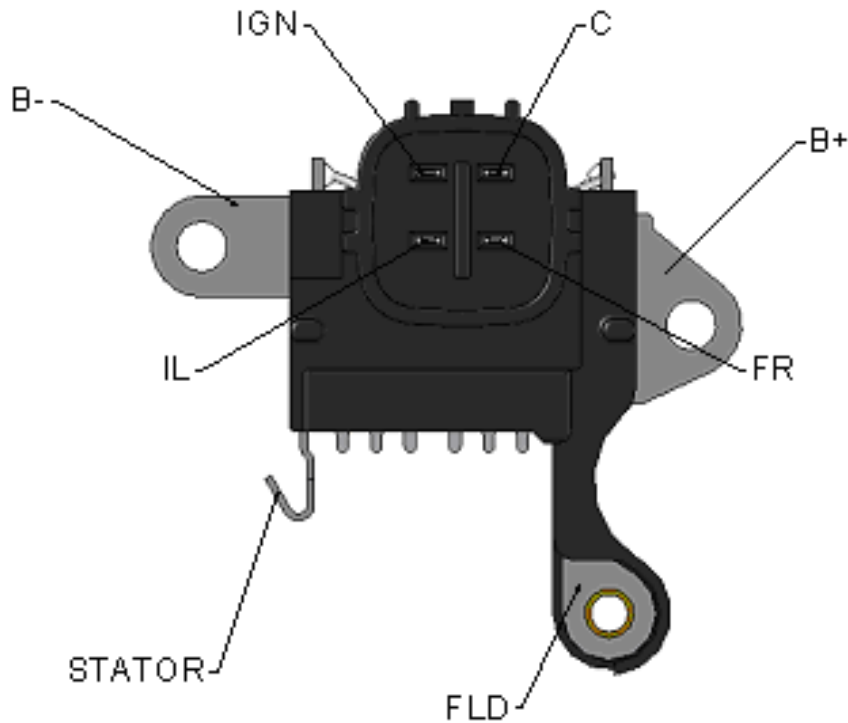


## TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6315T	B	12	14.35				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect terminal C with B-, Setpoint drops to 12.7+/-0.2V.

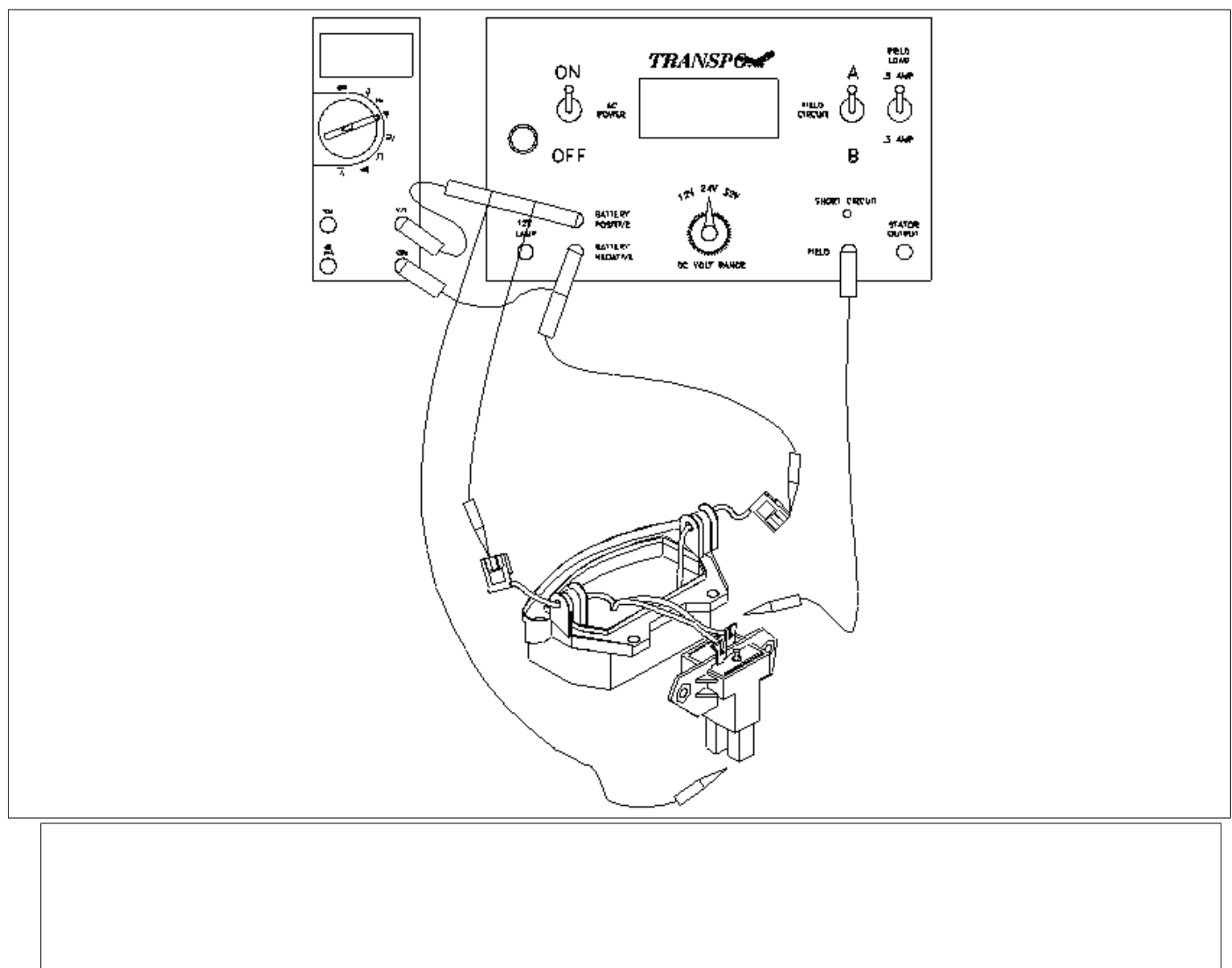


# TRANSCO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP129BCN	A	24	28.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M524T	B	12	14.65				

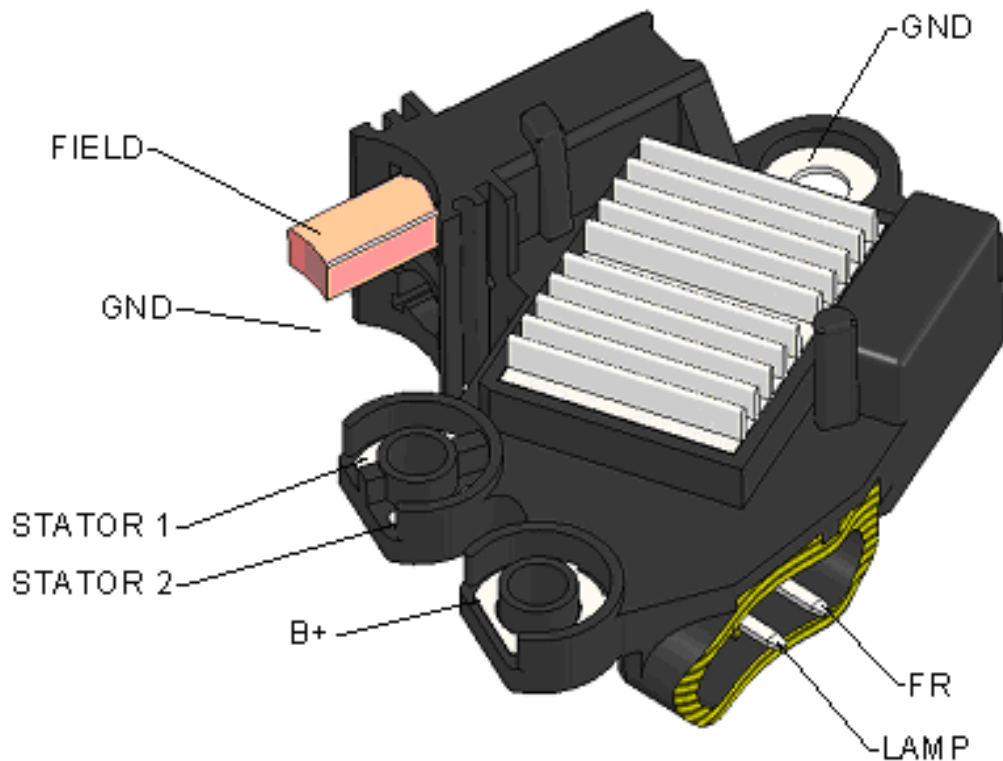
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Disconnect the Stator terminal and the Lamp should turn ON.

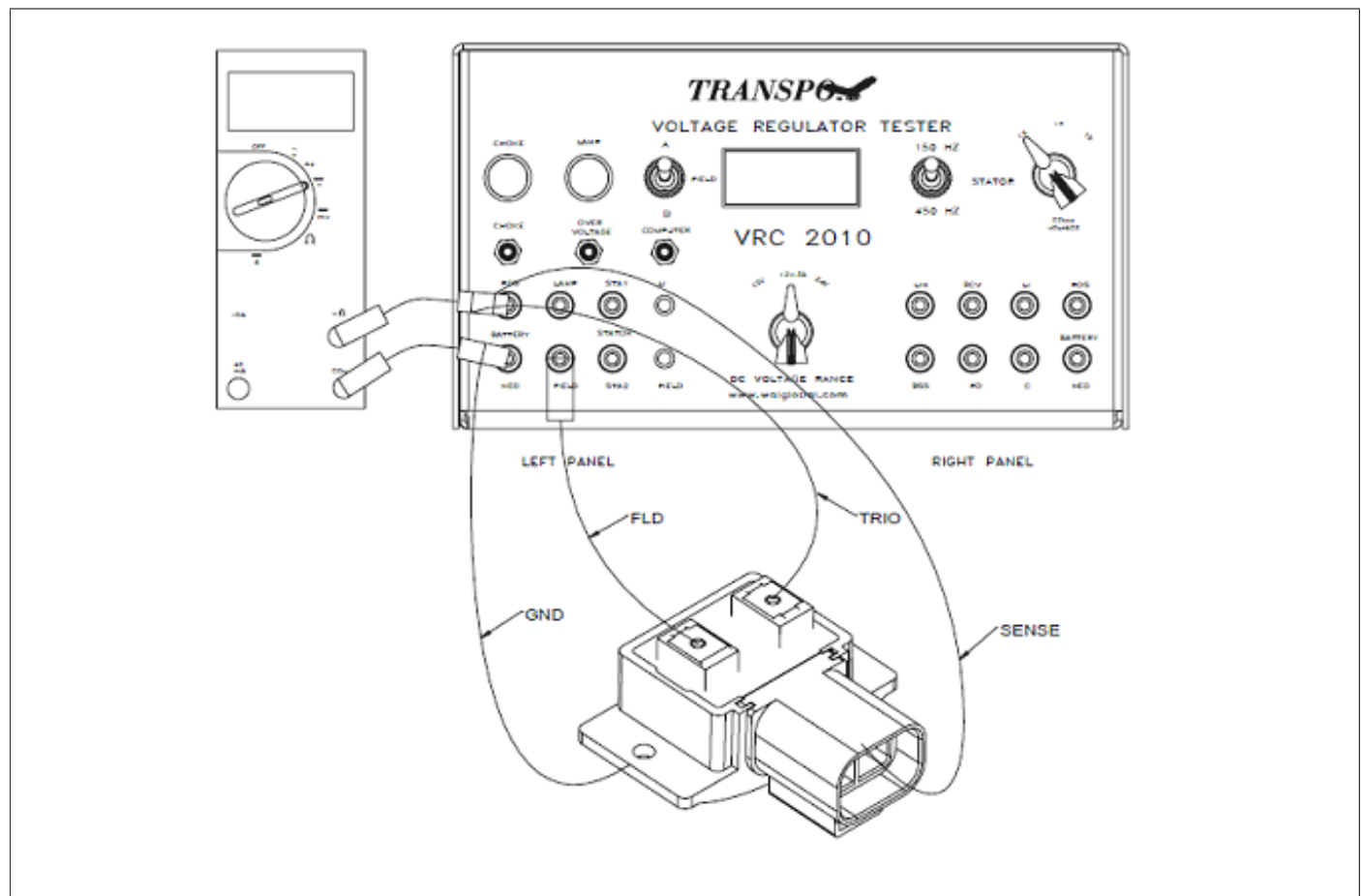


# TRANSPO TESTER INSTRUCTIONS

for GAUSS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
PG102	A	12	14.3				
PG126	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Sense, the set point will be 16.2V +/-0.3V.



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX137	B	12	13.5				

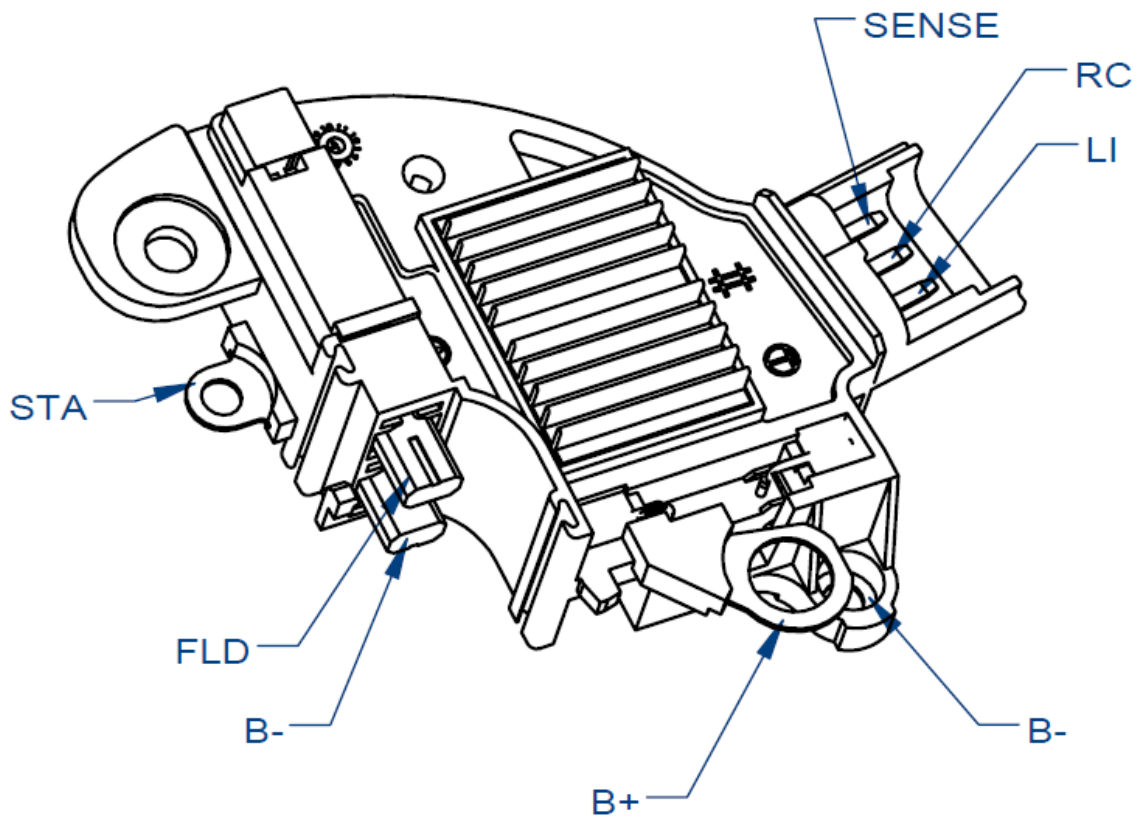
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Use VRC2010 tester to complete RC voltage setpoint testing, Connect RC terminal to RCV of VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 13.0V.
2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.
3. Adjust Comm Voltage switch to position 15, Setpoint is 15.0V.

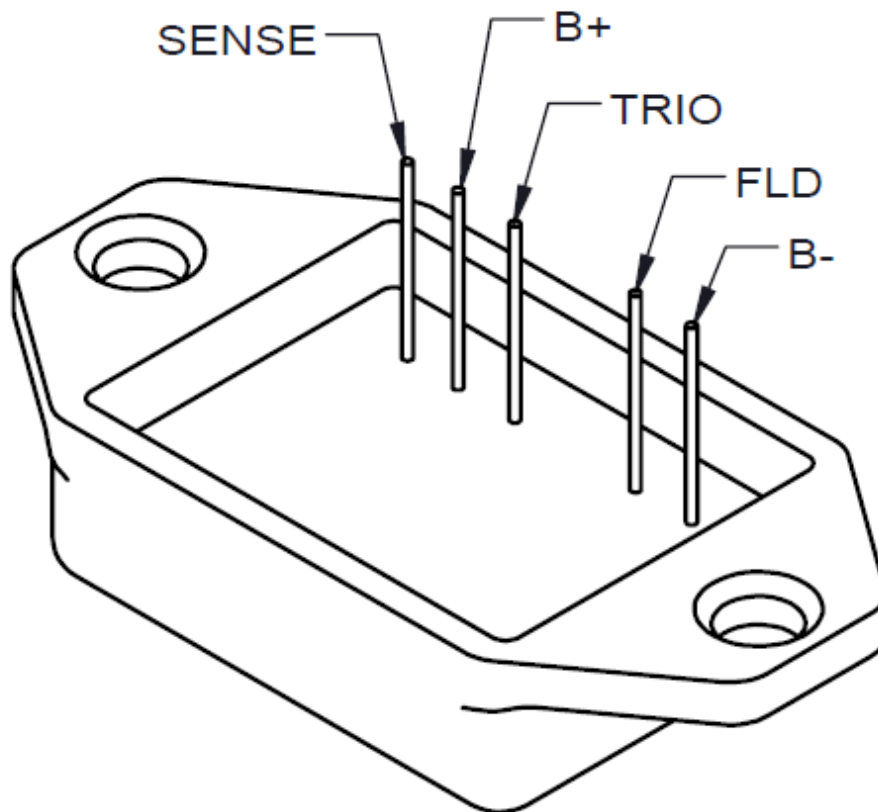


## TRANSPO TESTER INSTRUCTIONS

for       NIKKO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IZ228	A	24	28.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**  
Connect Sense, B+ and Trio to VRC B+.

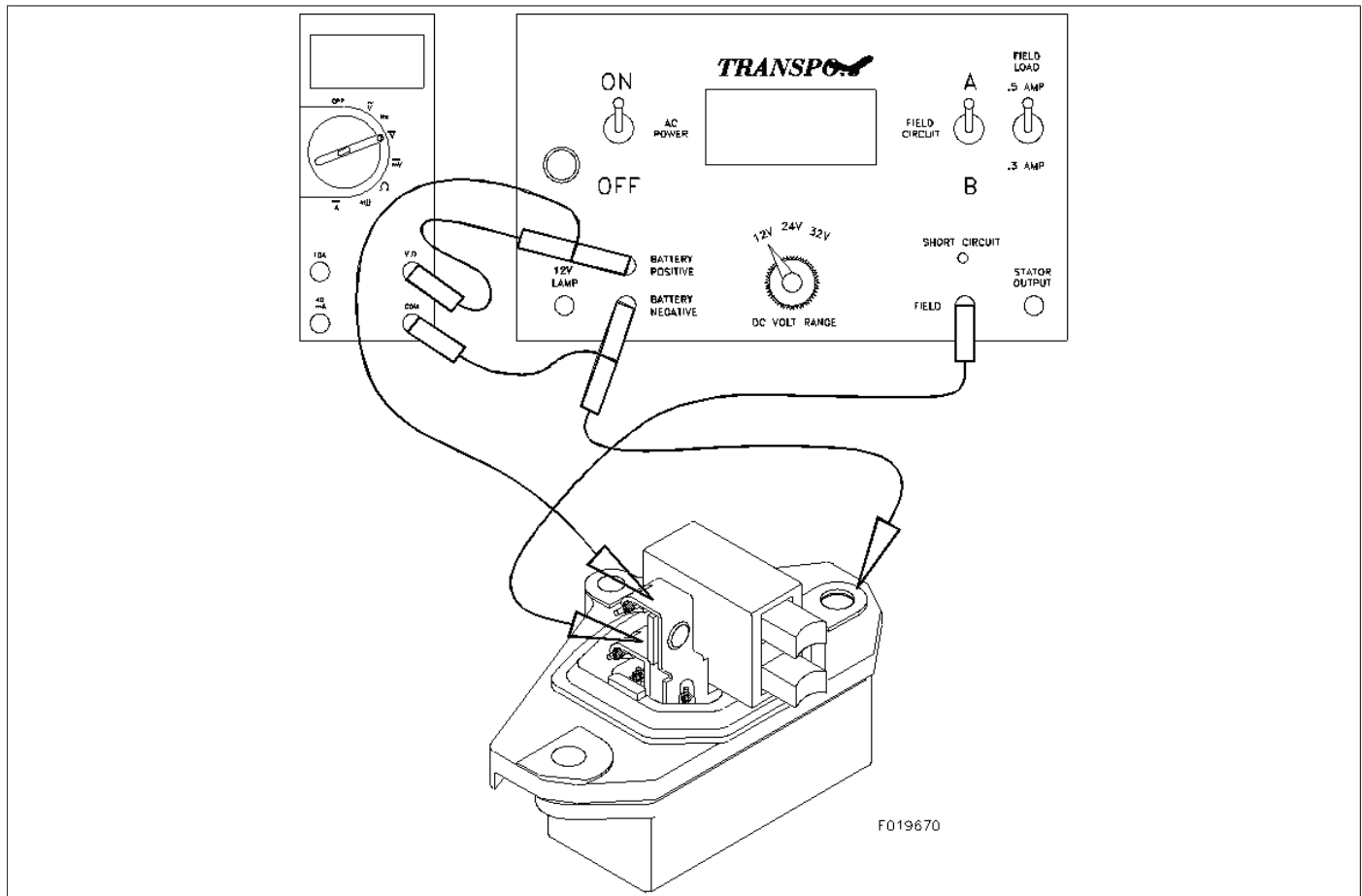


# TRANSCO TESTER INSTRUCTIONS

for Bosch type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB381HD	A	24	28.05				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6003SE	B	12	15.0				

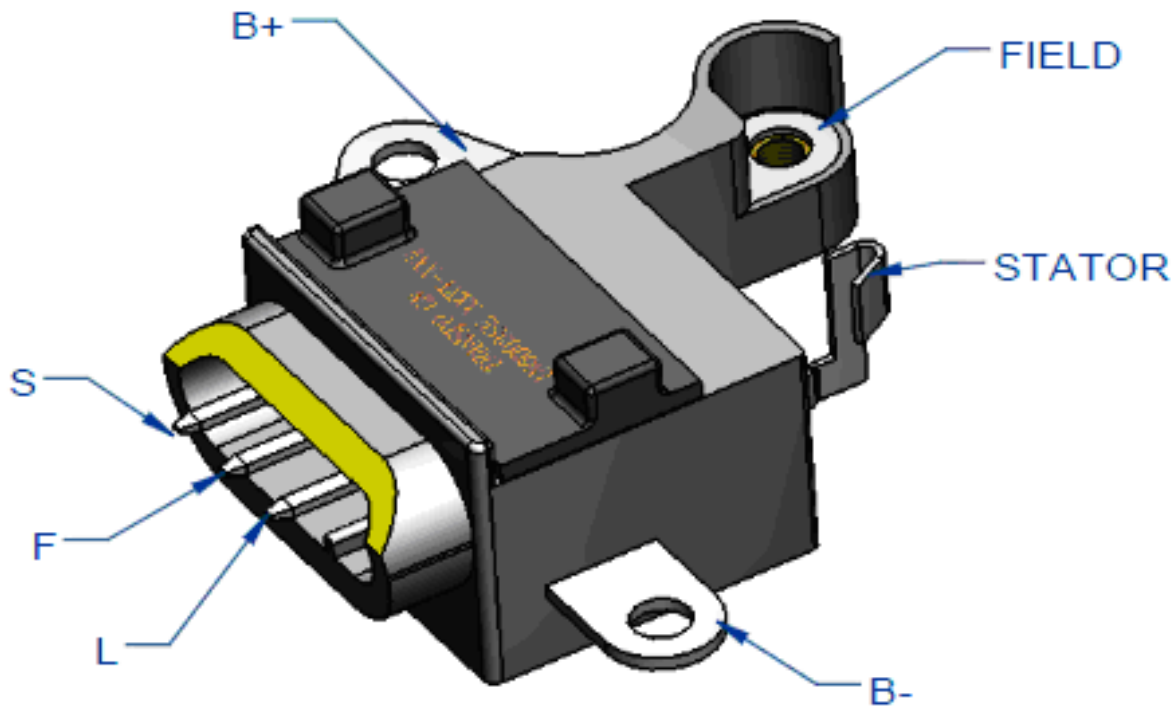
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator terminal, disconnect the Sense, the set point will be 15.15V +/-0.2V, and the Lamp should turn ON.

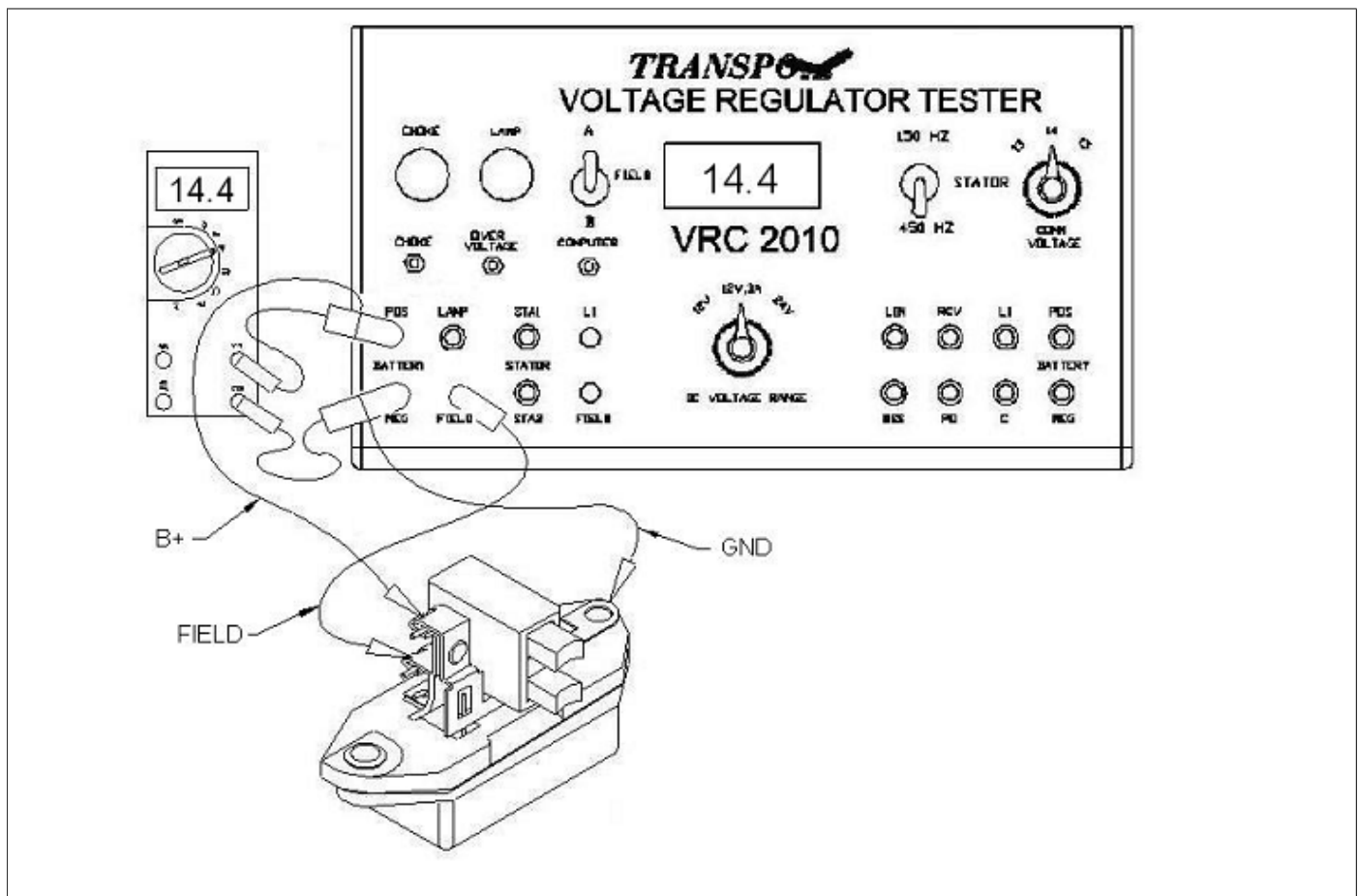


# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB368SE	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M562	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

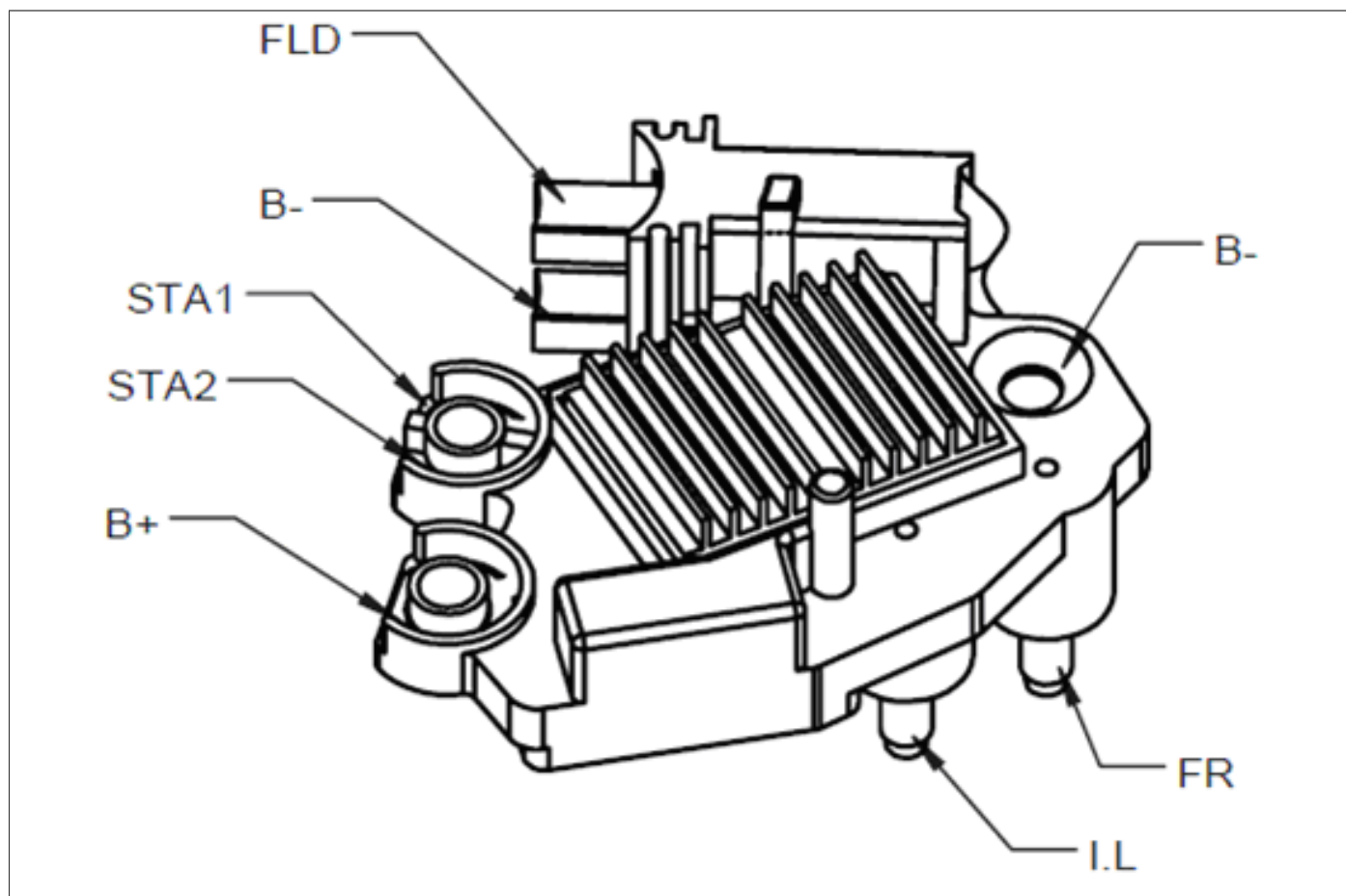
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.





## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6026	B	12	14.5				
IB6026CN	B	12	14.5				
IB6026V	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

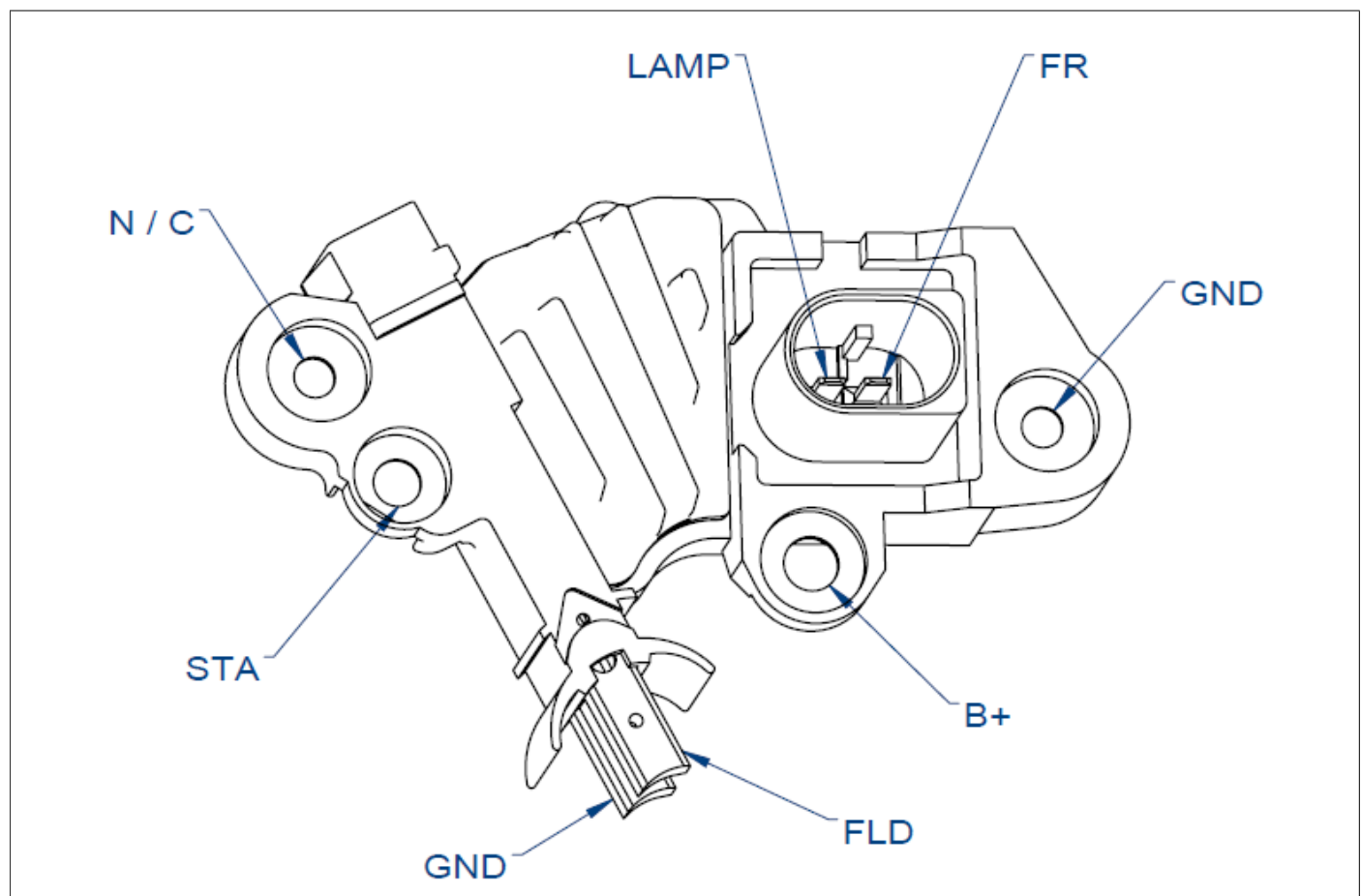
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the choke drive and the "Choke Drive Indicator Lamp" will turn on.

Disconnect the Stator terminal and the Light should turn ON.



Switch the STATOR to 450Hz.

# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

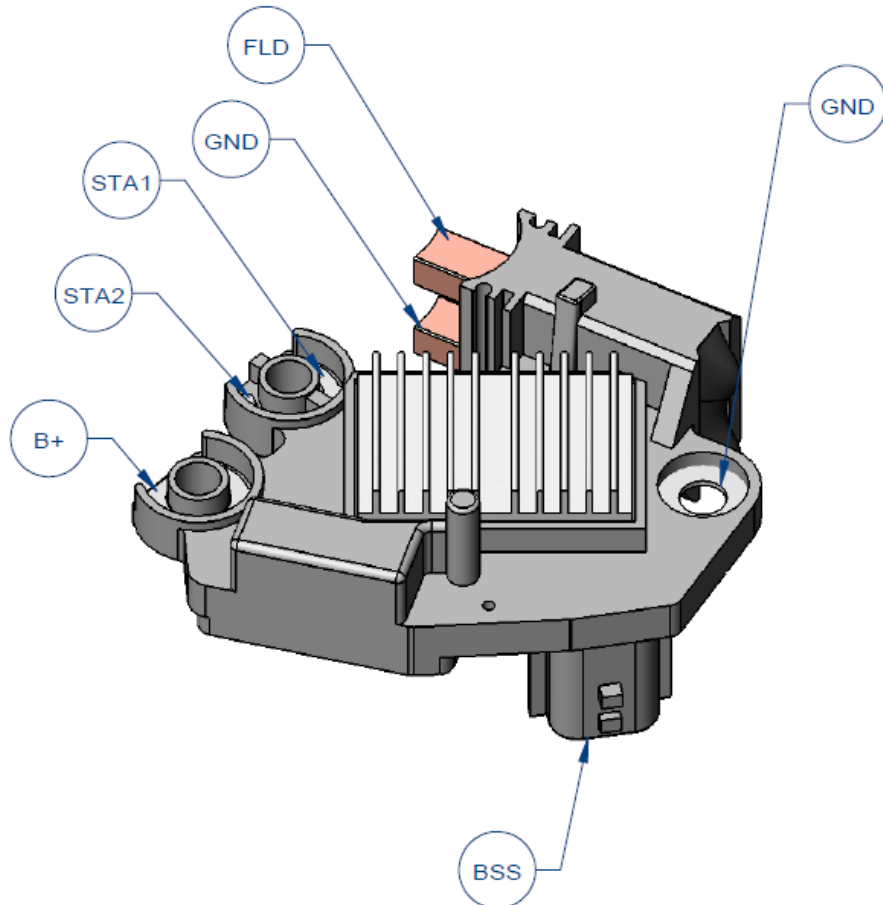
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M571	B	12	14.4				
M567	B	12	14.85				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



## TRANSPO TESTER INSTRUCTIONS

for MAGNETI MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX594	A	12	14.45				

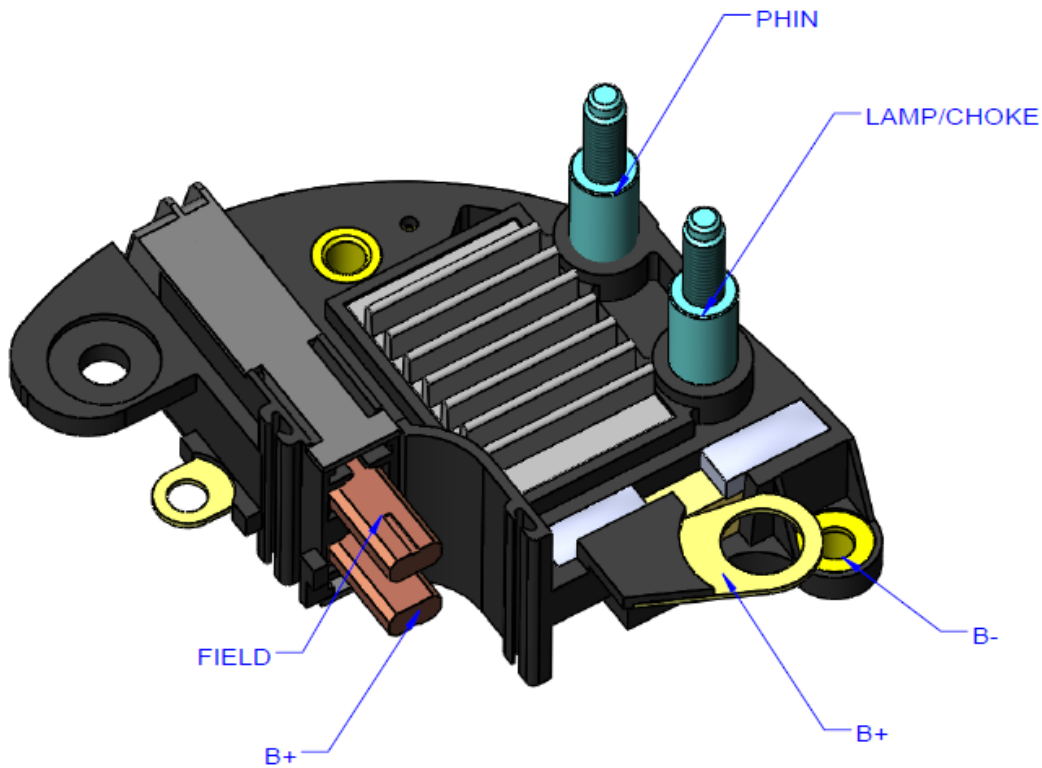
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M574	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

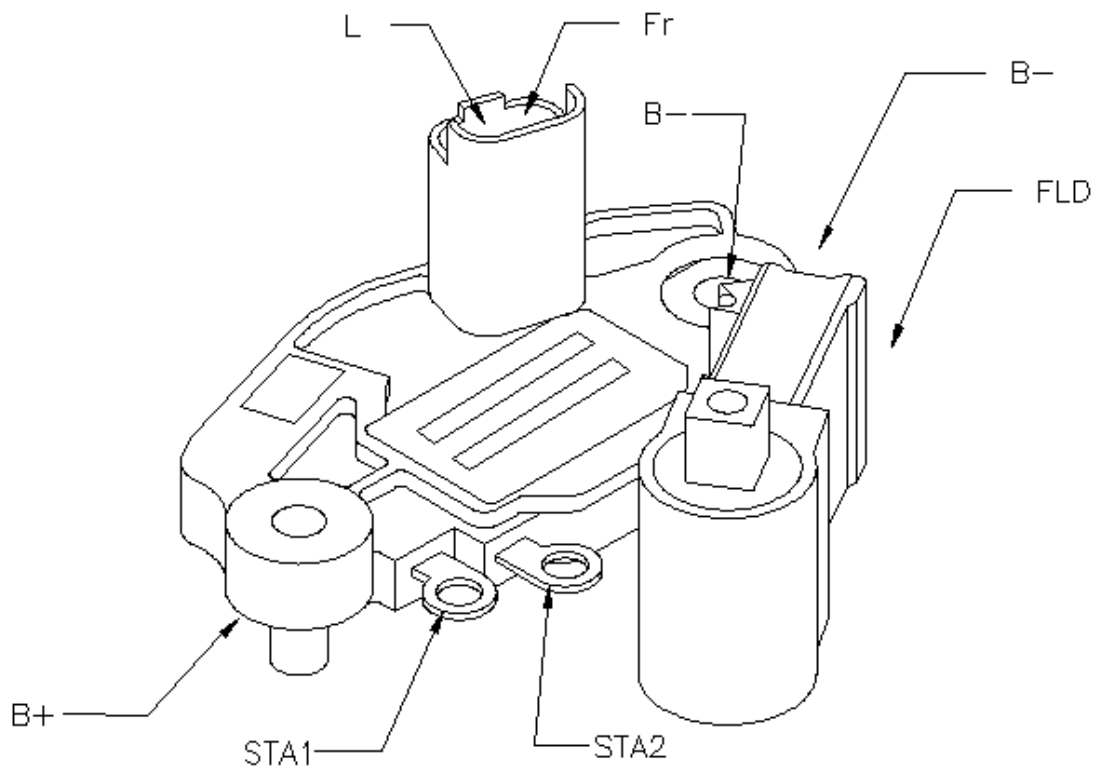
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for GAUSS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
PG103	A	24	29.1				

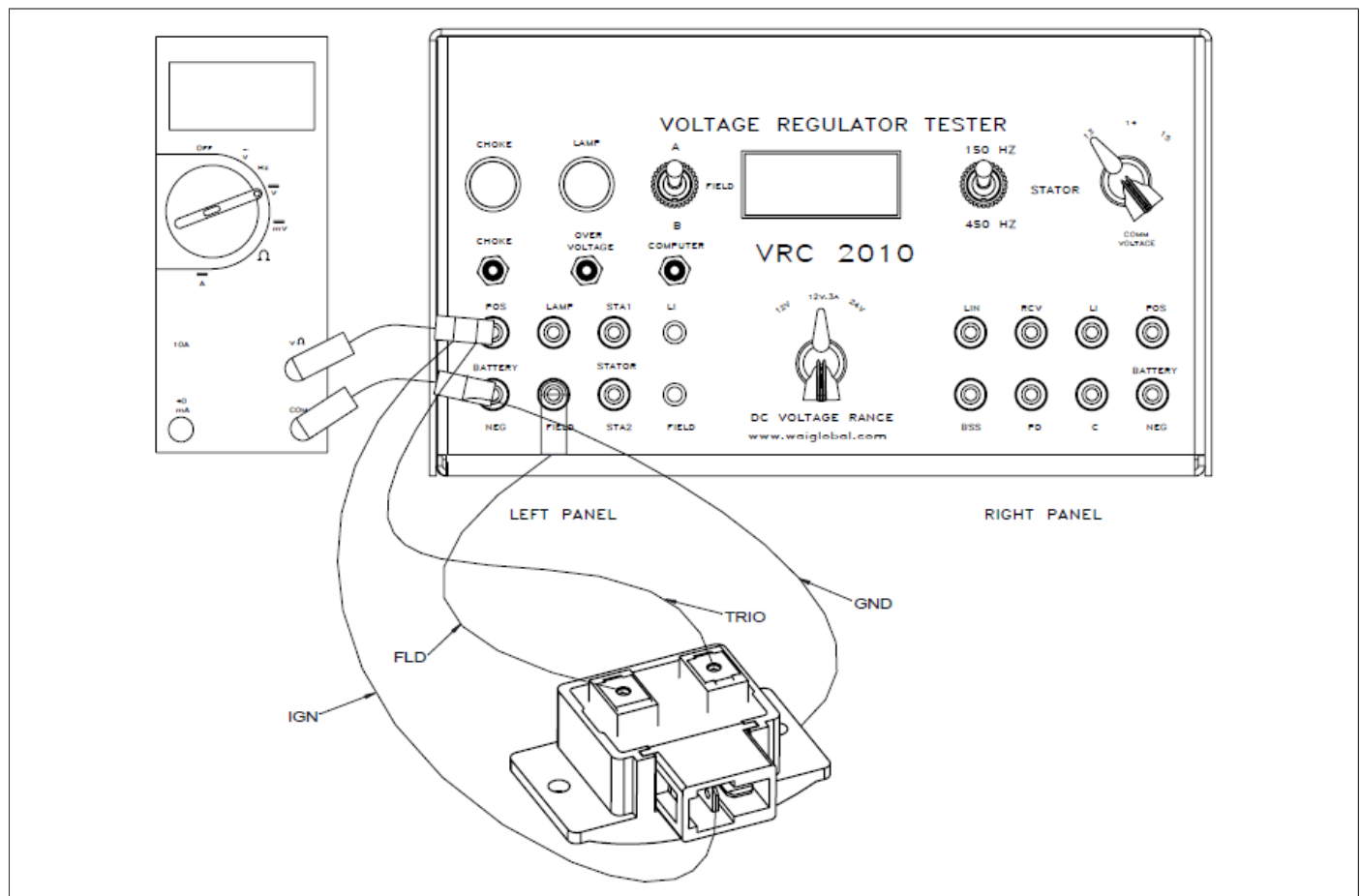
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect IGN, the setpoint should be 29.1+/-0.3V.

Reconnect the IGN terminal, and disconnect TRIO, the setpoint will rise a little bit.



# TRANSPO TESTER INSTRUCTIONS

for GAUSS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
PG101	A	12	14.6				

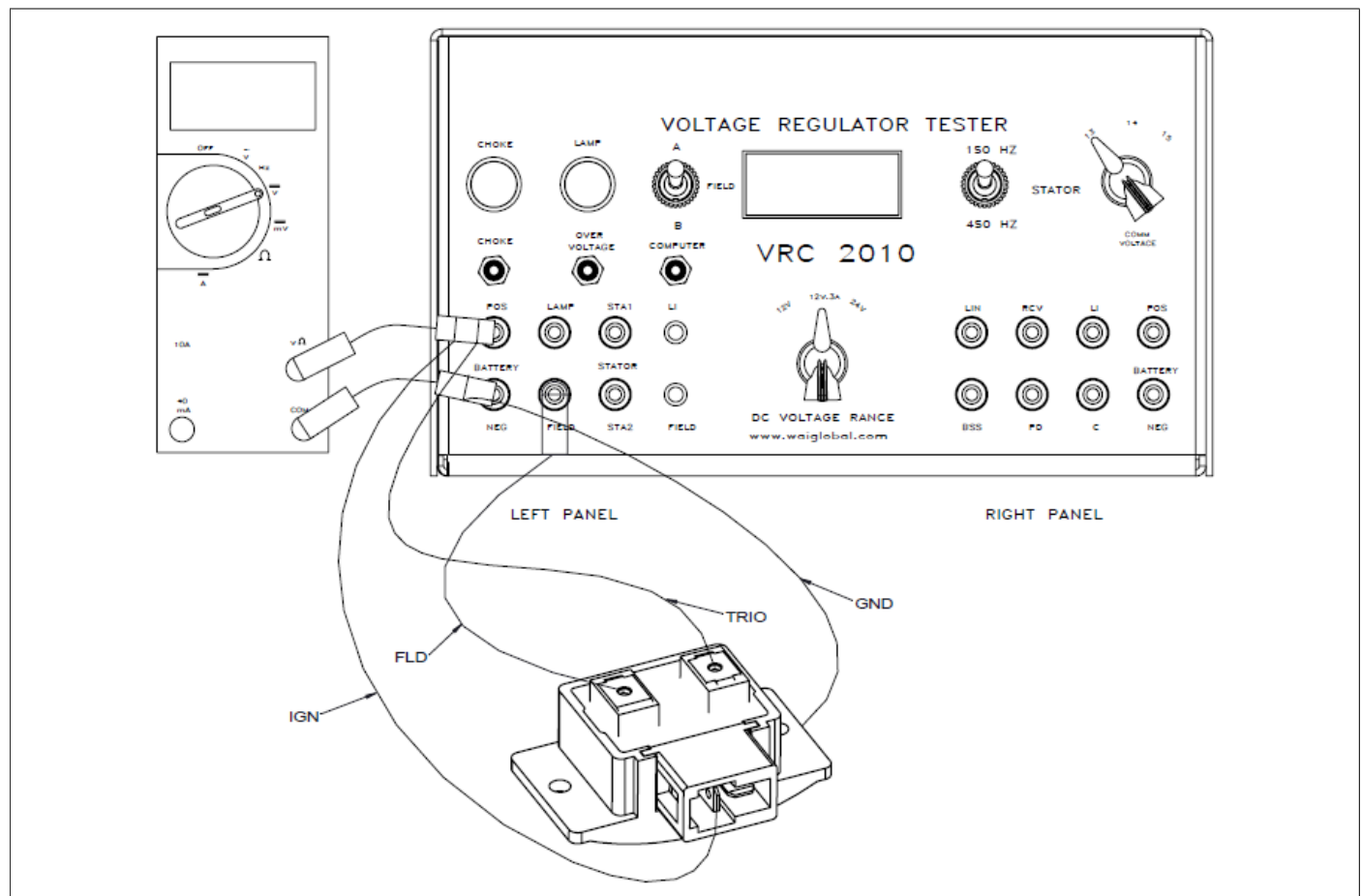
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect IGN, the setpoint should be 14.6+/-0.3V.

Reconnect the IGN terminal, and disconnect TRIO, the setpoint will rise a little bit.



# TRANSPO TESTER INSTRUCTIONS

for GAUSS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
PG133	A	24	28.6				

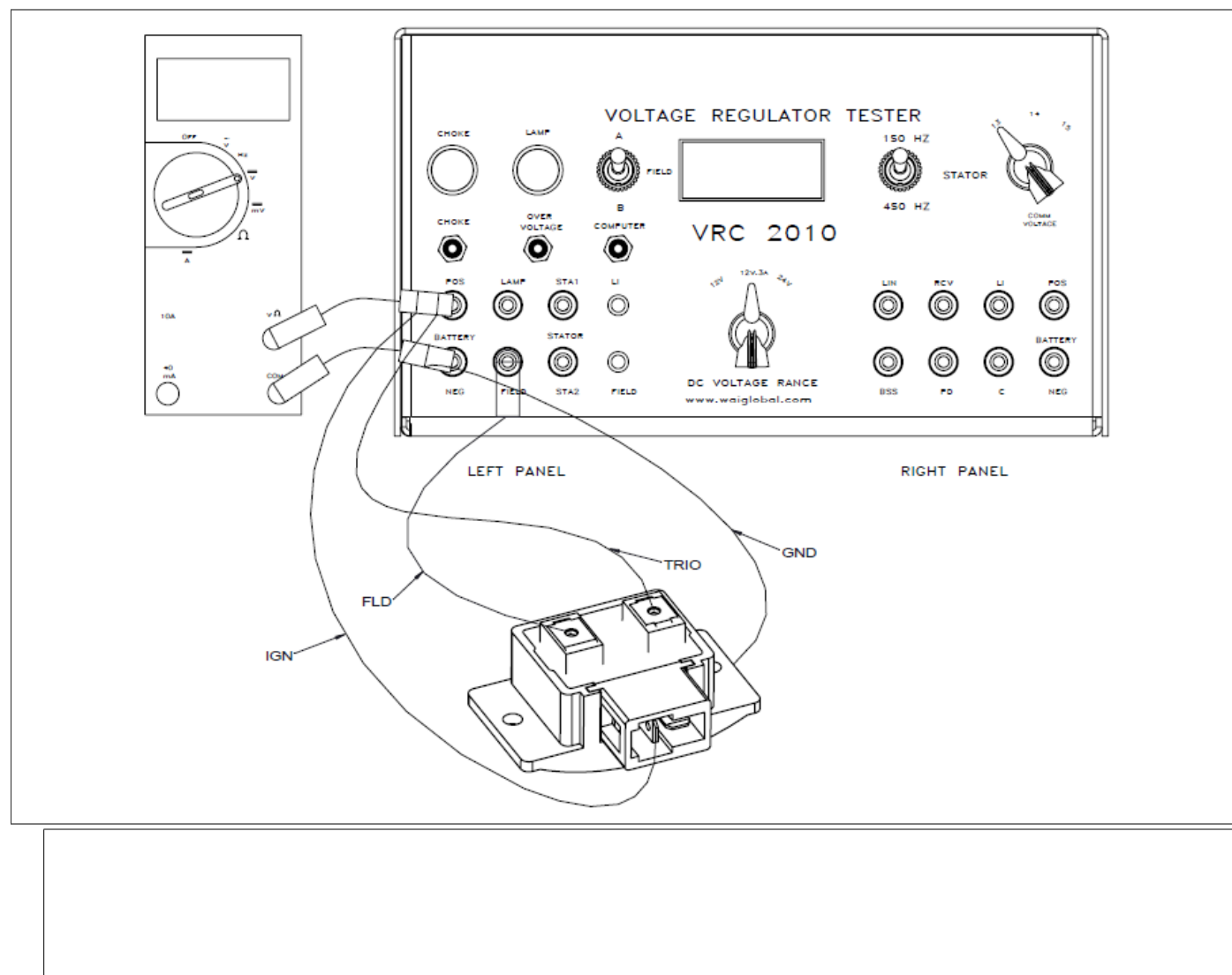
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect IGN, the setpoint should be 28.6+/-0.3V.

Reconnect the IGN terminal, and disconnect TRIO, the setpoint will rise a little bit.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6056	B	12	13.9*				

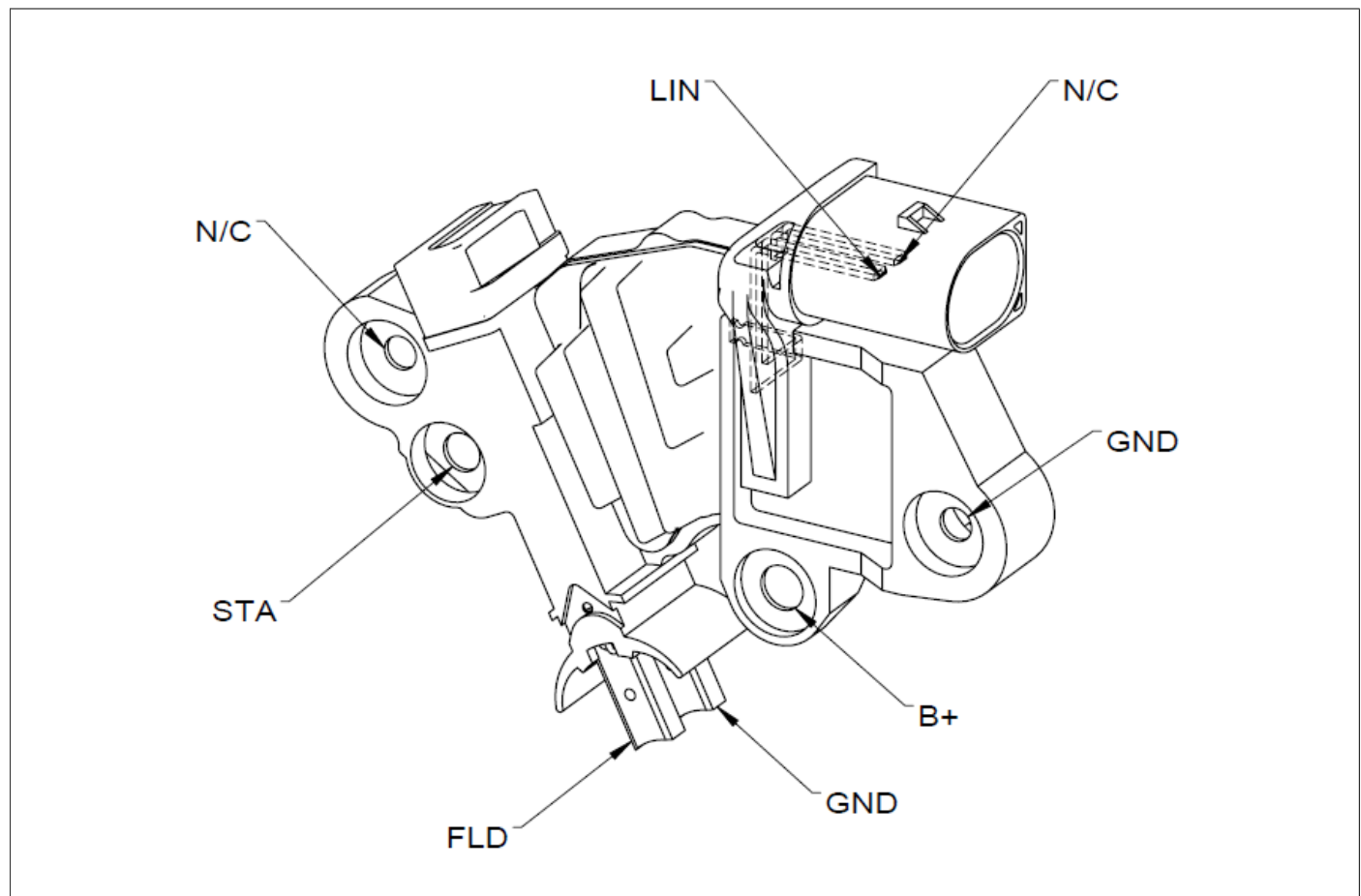
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.

\* The 13.9V Set Point indicate above is the 'default VSet' (no LIN input).





# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5356	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

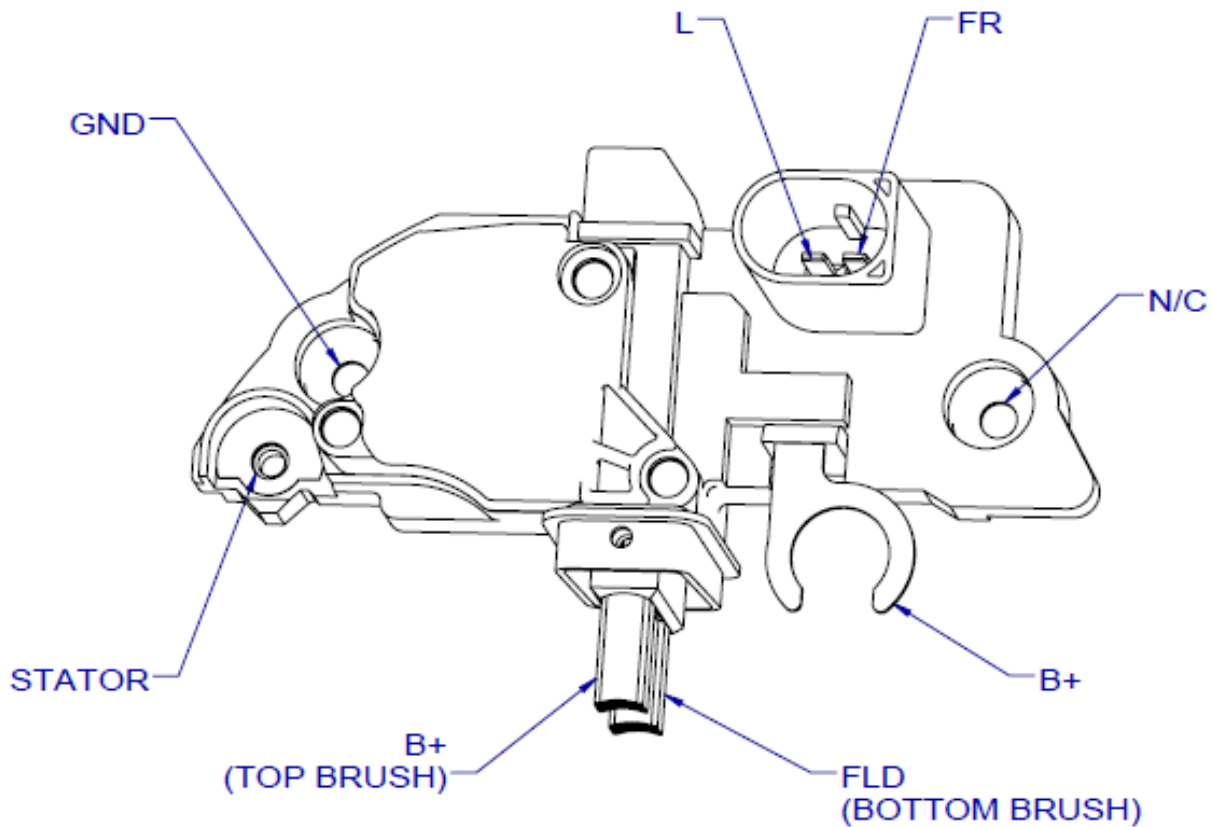
**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Booting time is 12.6s.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

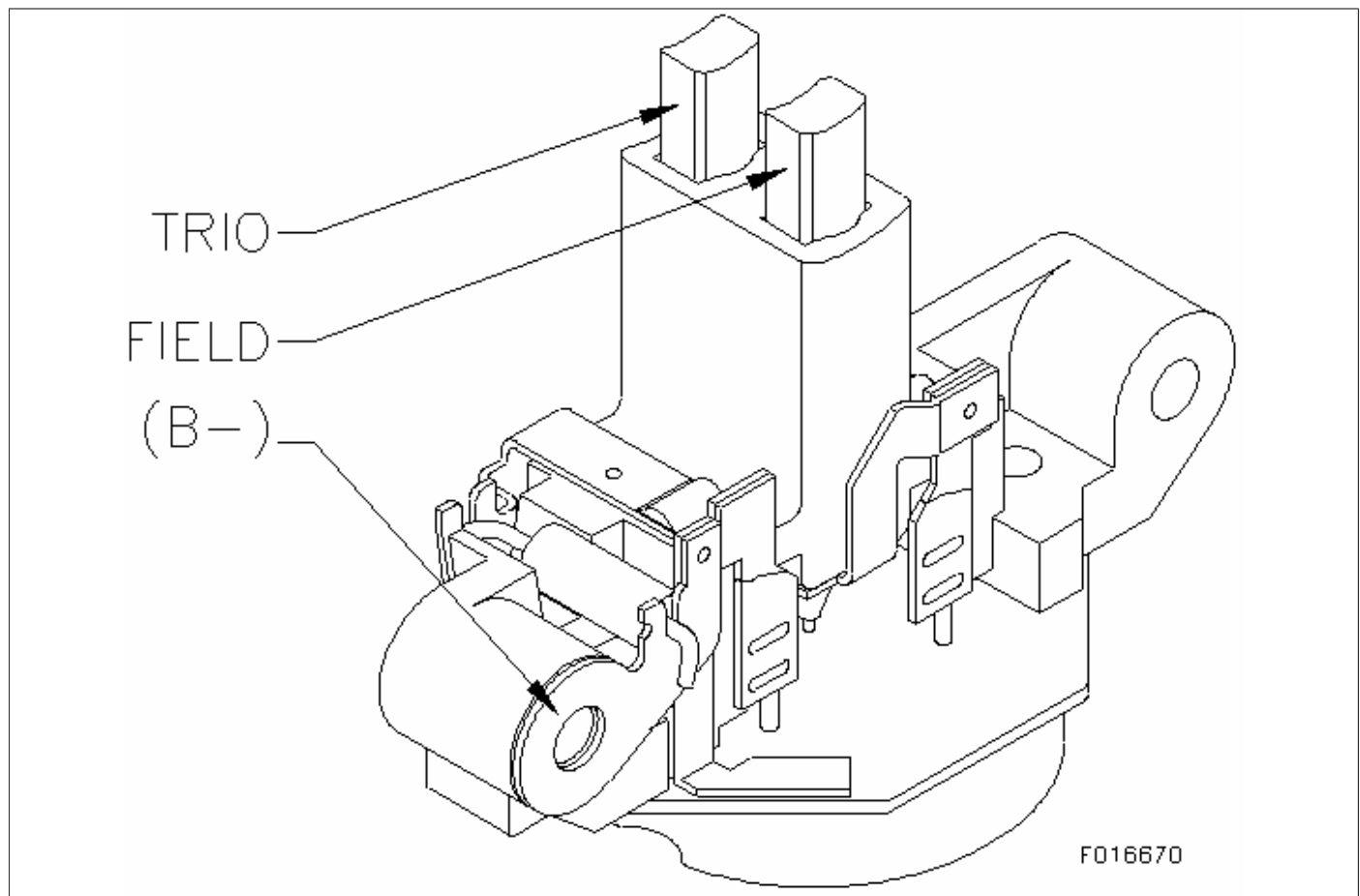


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB387CN-B160	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6011	B	12	14.45				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

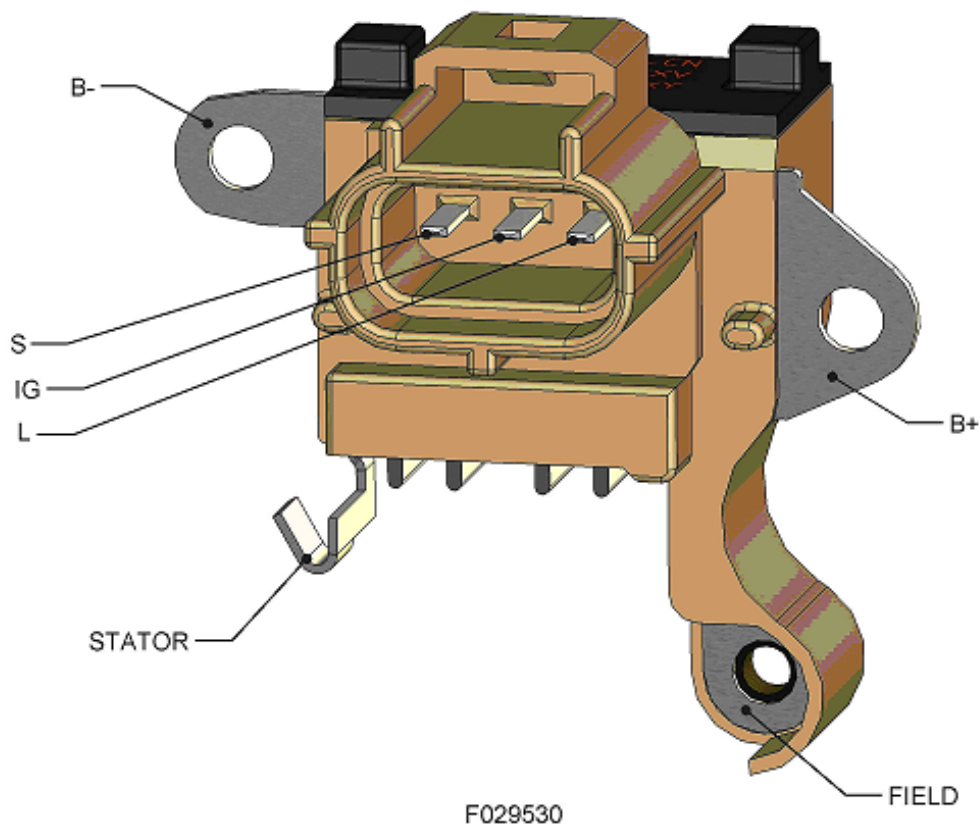
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Push the "Over Voltage" switch and the "Lamp Indicator" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator terminal, disconnect the Sense, the set point will be 14.45V +/-0.2V.



F029530

# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB238	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

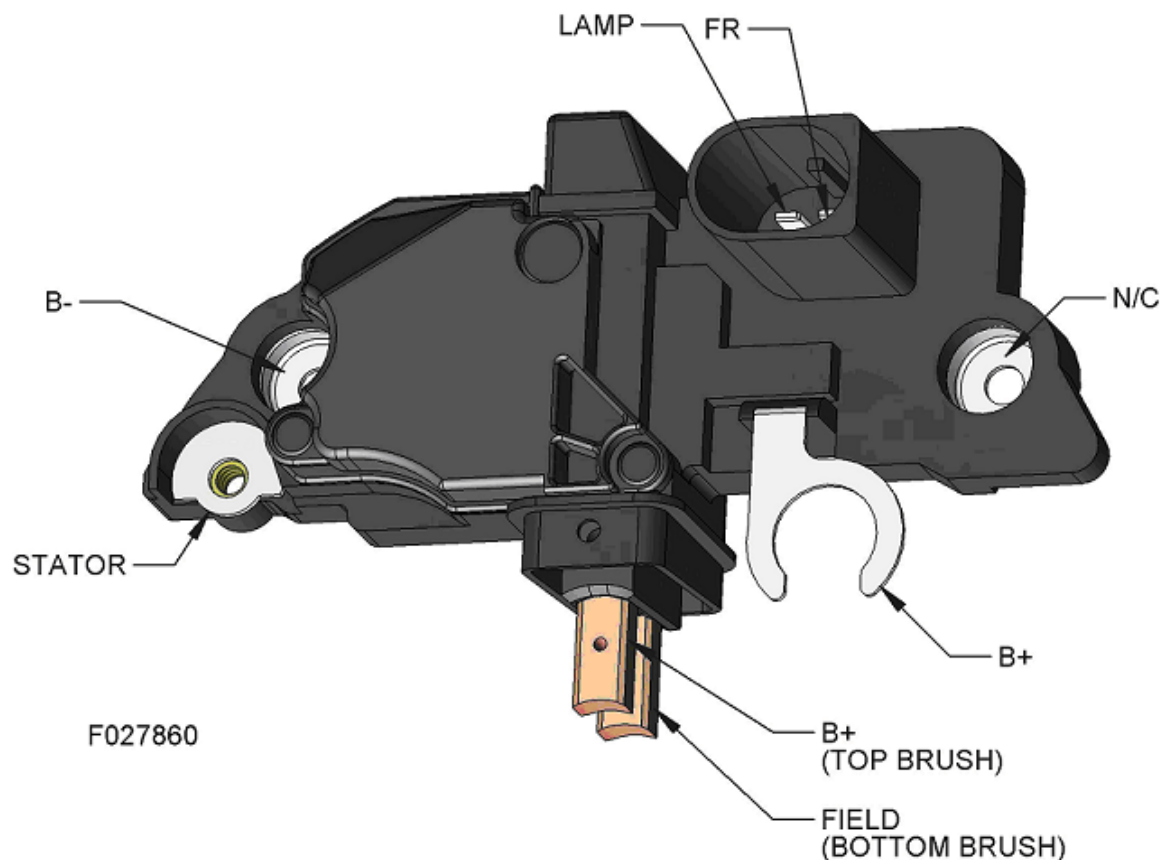
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSCO TESTER INSTRUCTIONS

for       SPECIALTY       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
PG104	A	12	14.7				

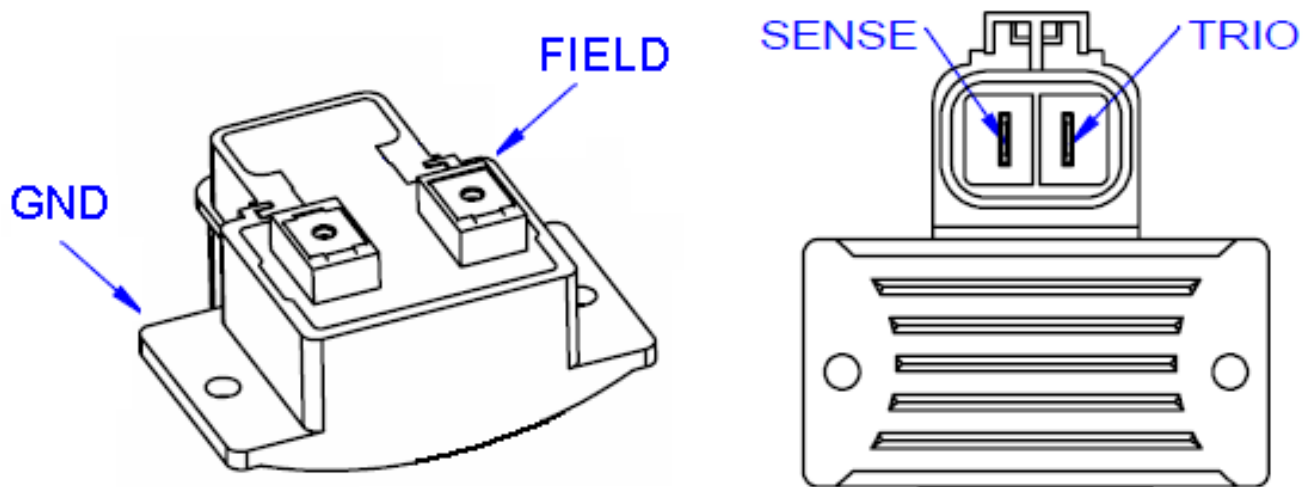
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect TRIO to B+ of VRC2010.

Disconnect the Sense, the set point will be 15.7V +/-0.2V.

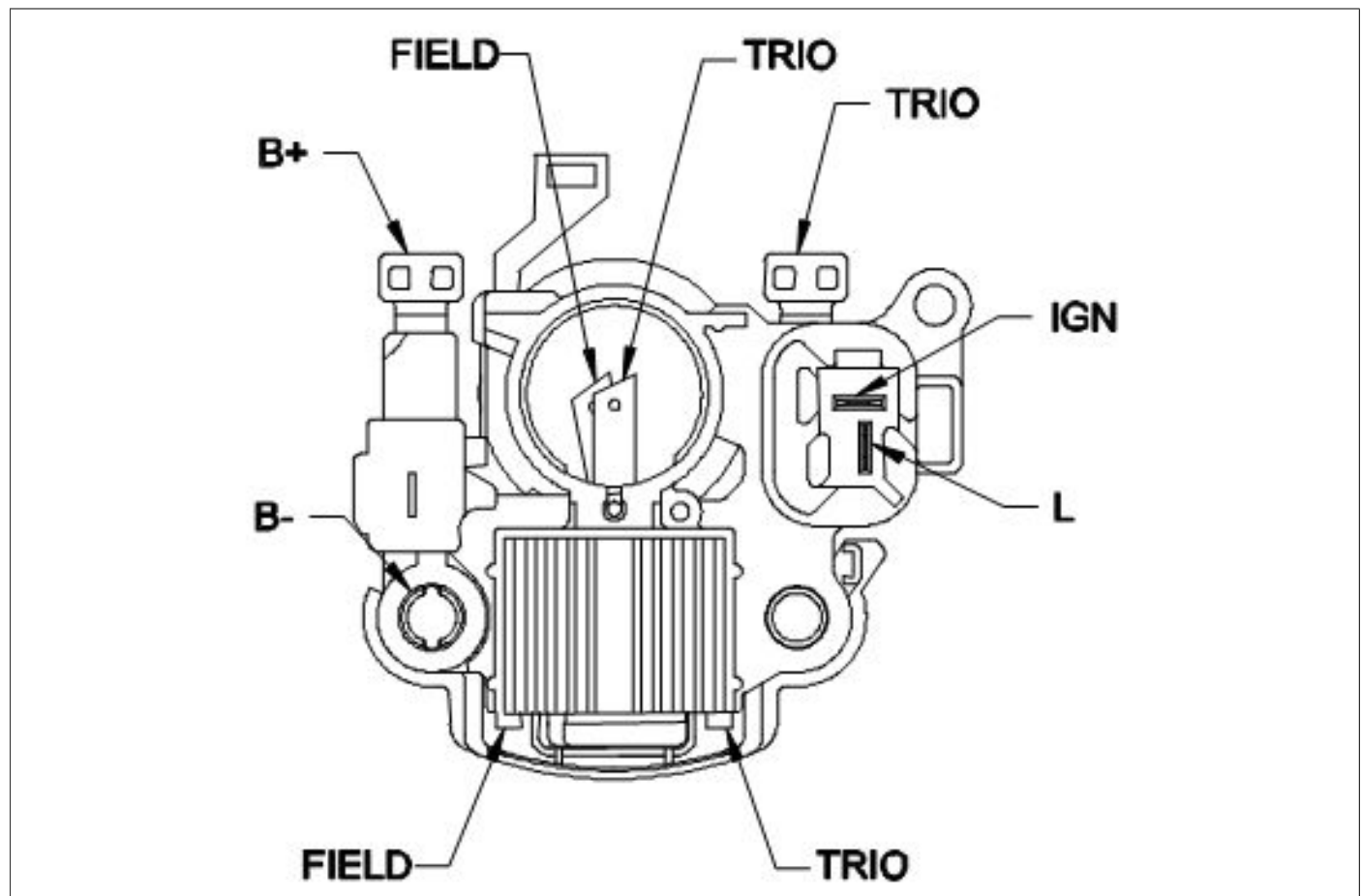


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM295	A	12	14.8				
IM295CN	A	12	14.8				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO and IGN to B+.

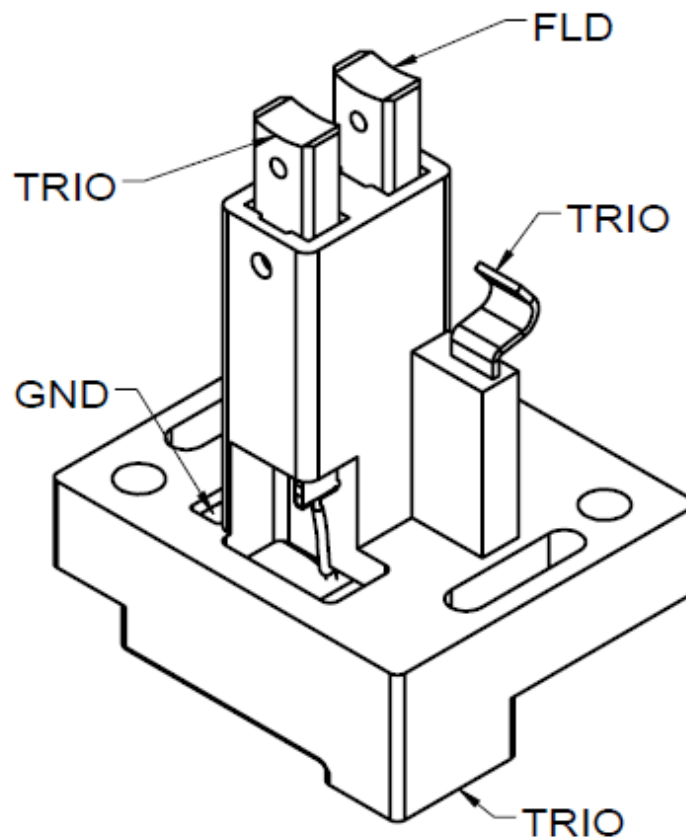


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB003	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+ of VRC2010.



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN372	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

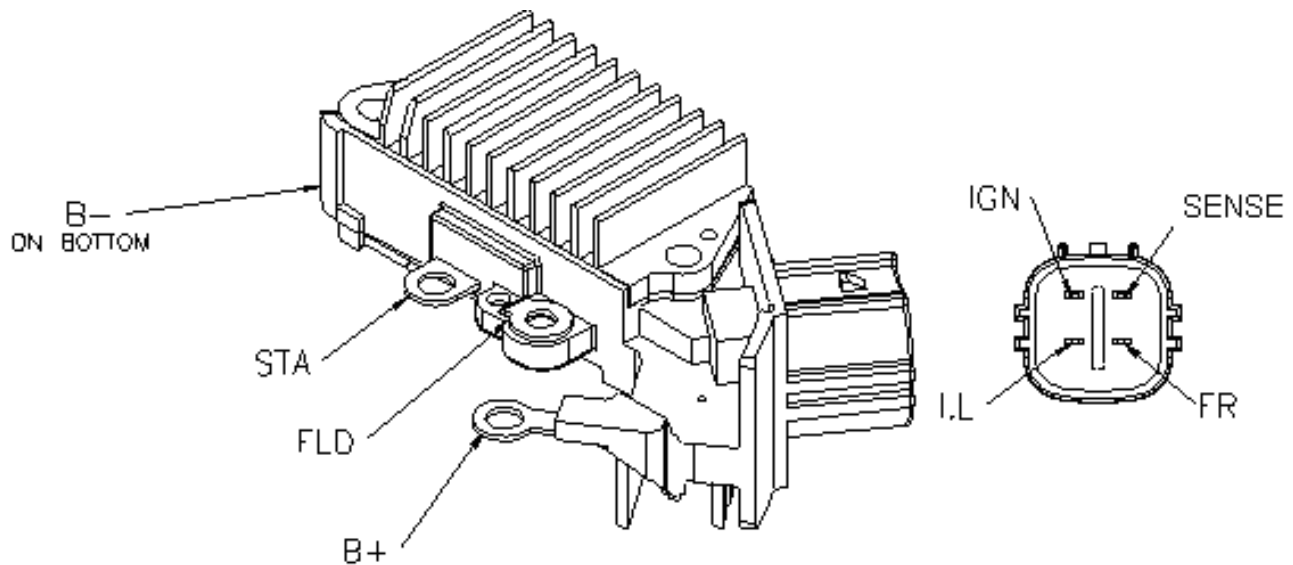
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Connect IGN and SENS to B+, the setpoint is 14.2+/-0.2V.

Disconnect SENS, the setpoint goes to 14.5+/-0.2V and the Lamp should turn ON.





# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB313	A	12	14.5				
IB313S	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

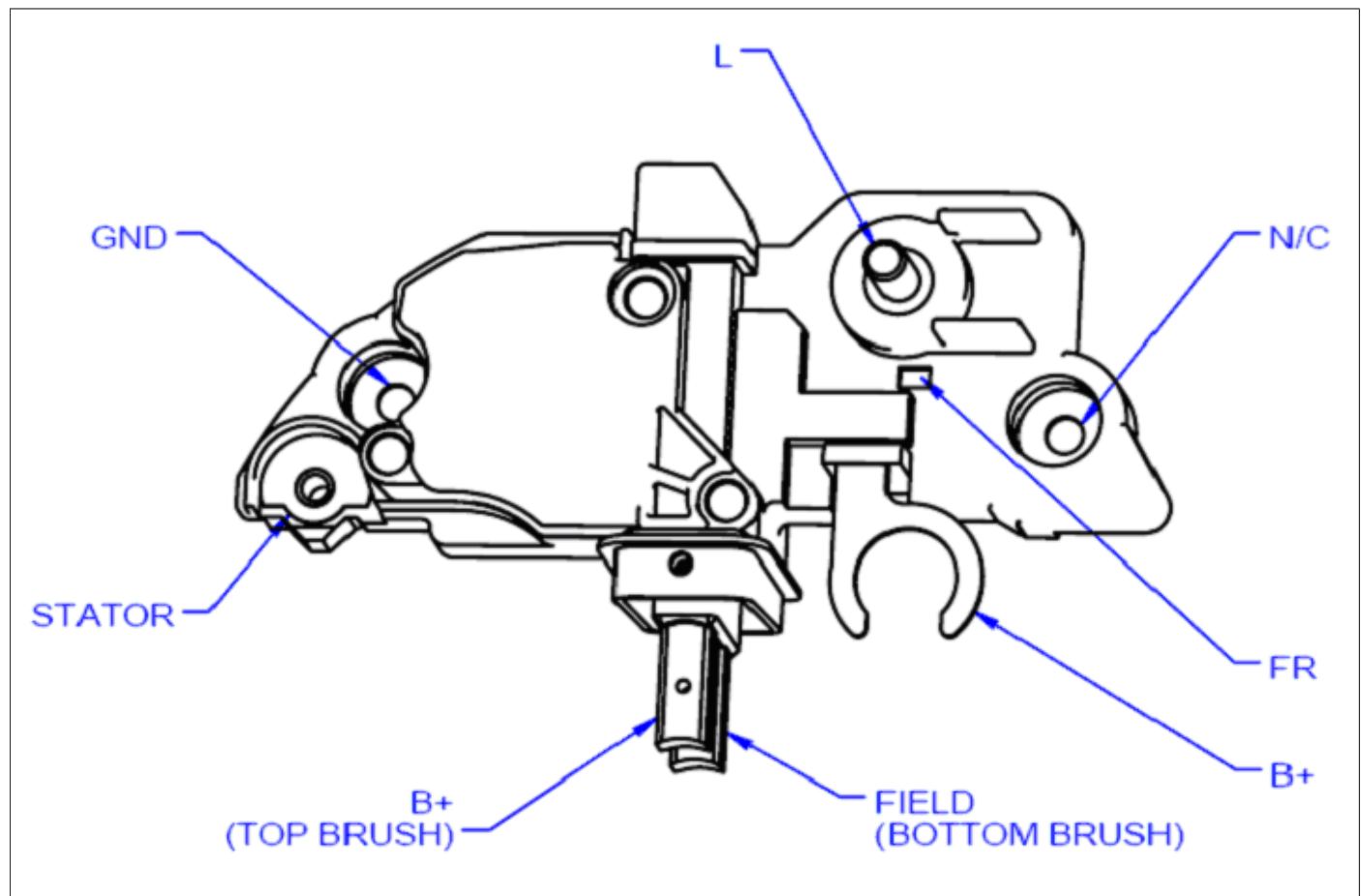
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

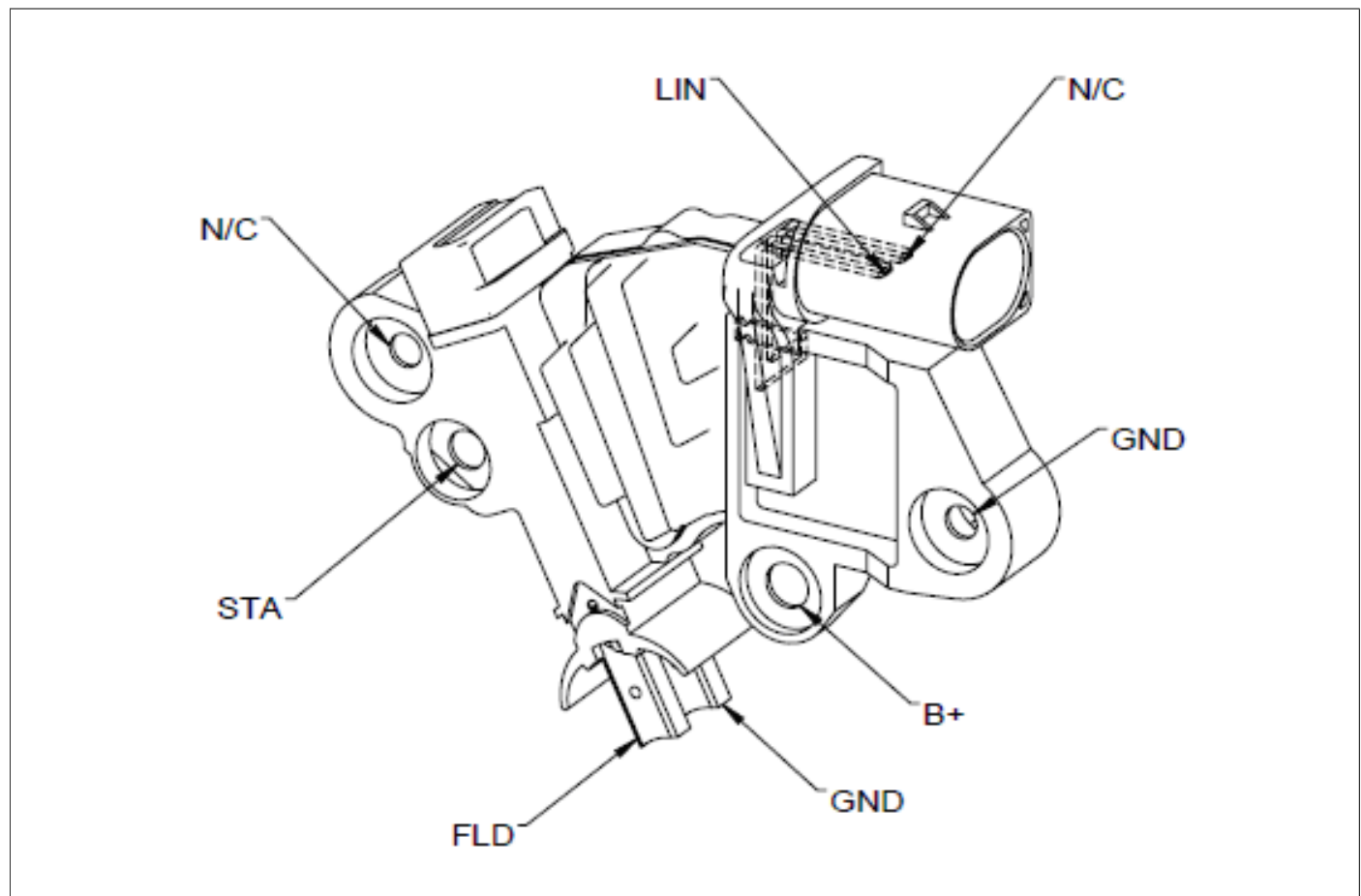
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6037	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

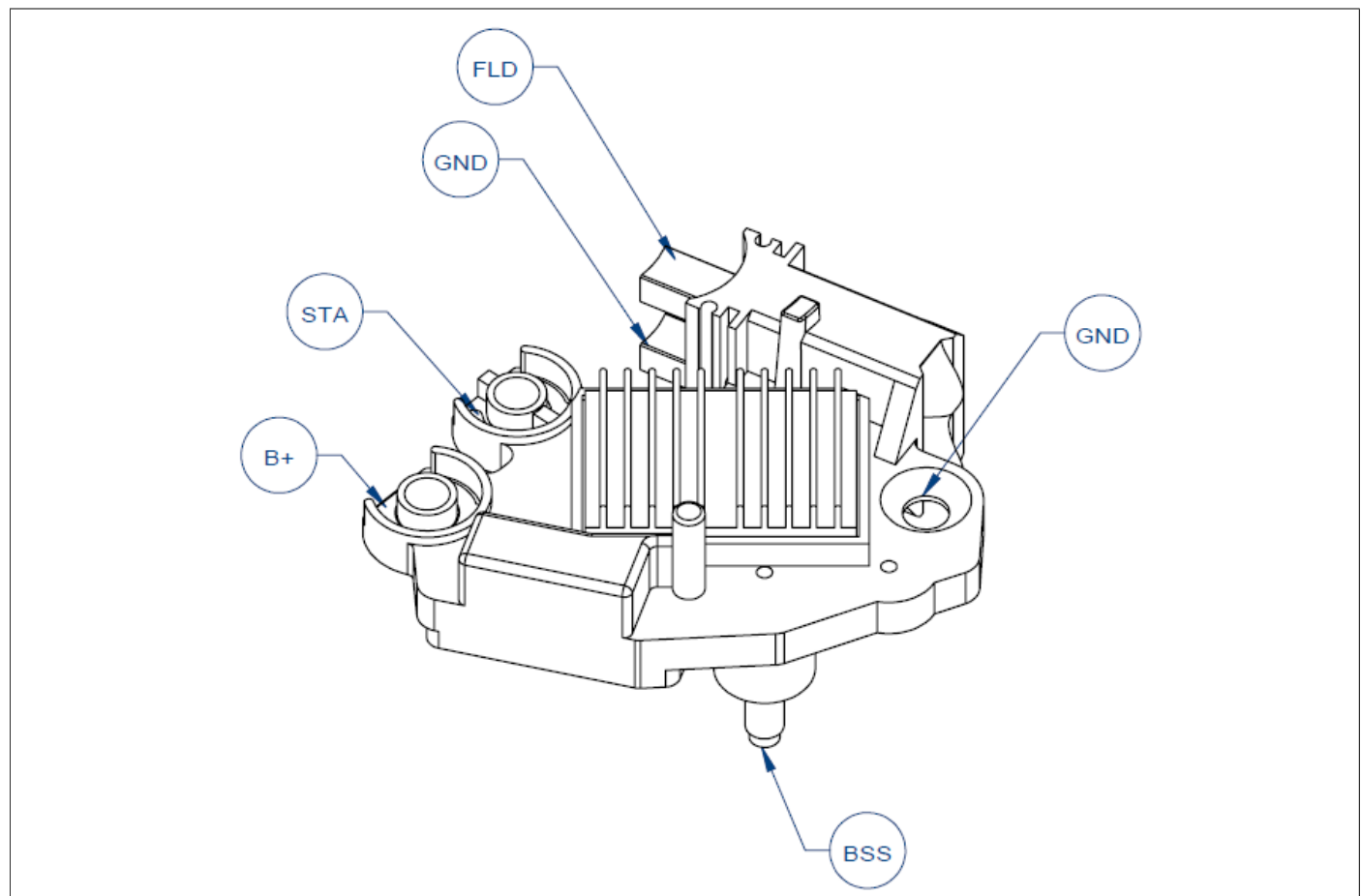
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M543	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D411HD-HM	B	12	14.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

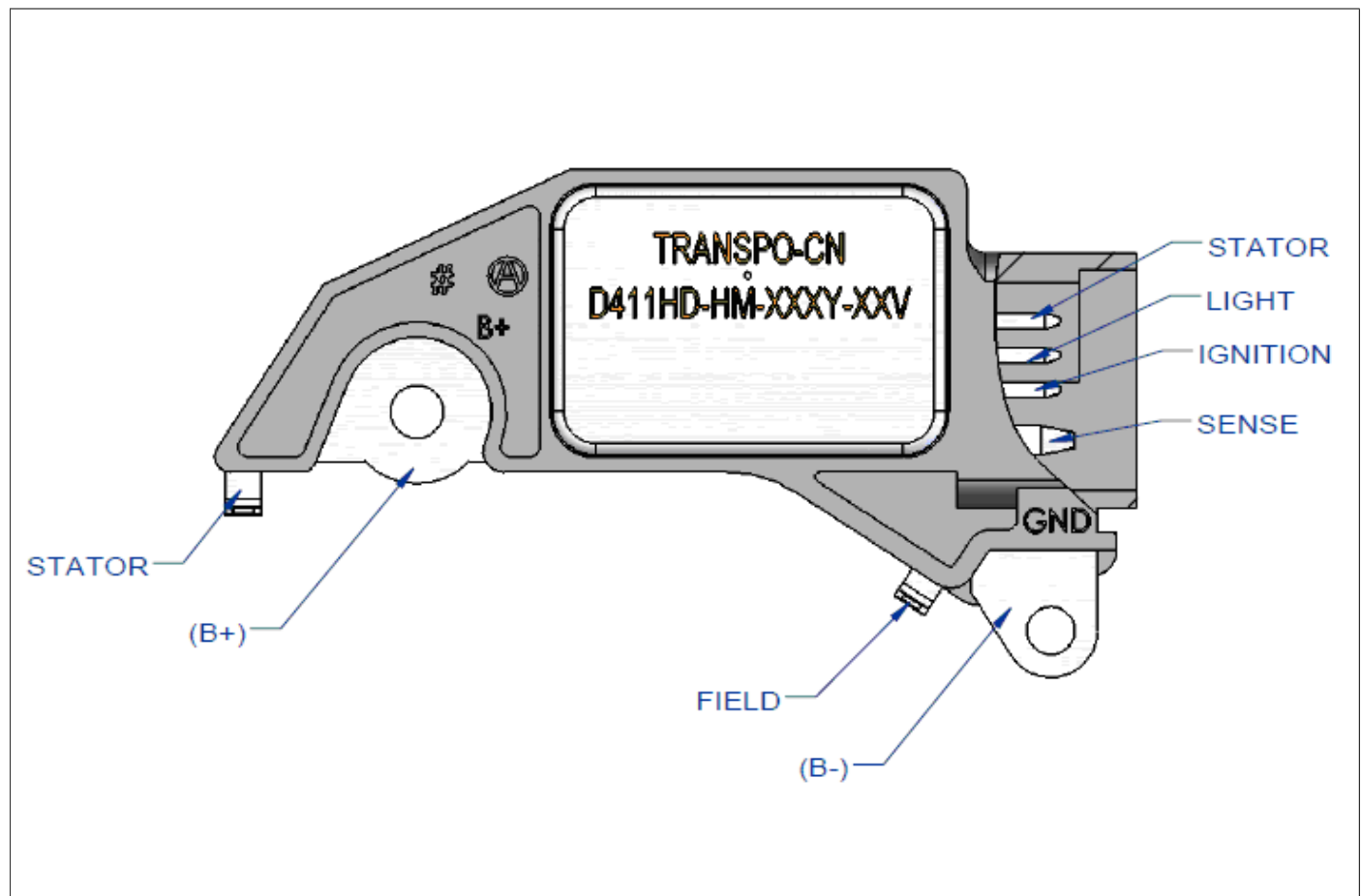
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the "Over Voltage" switch and the "Lamp Indicator" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator terminal, disconnect the Sense, the set point will be 14.8V +/-0.25V.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB293	A	12	14.3				

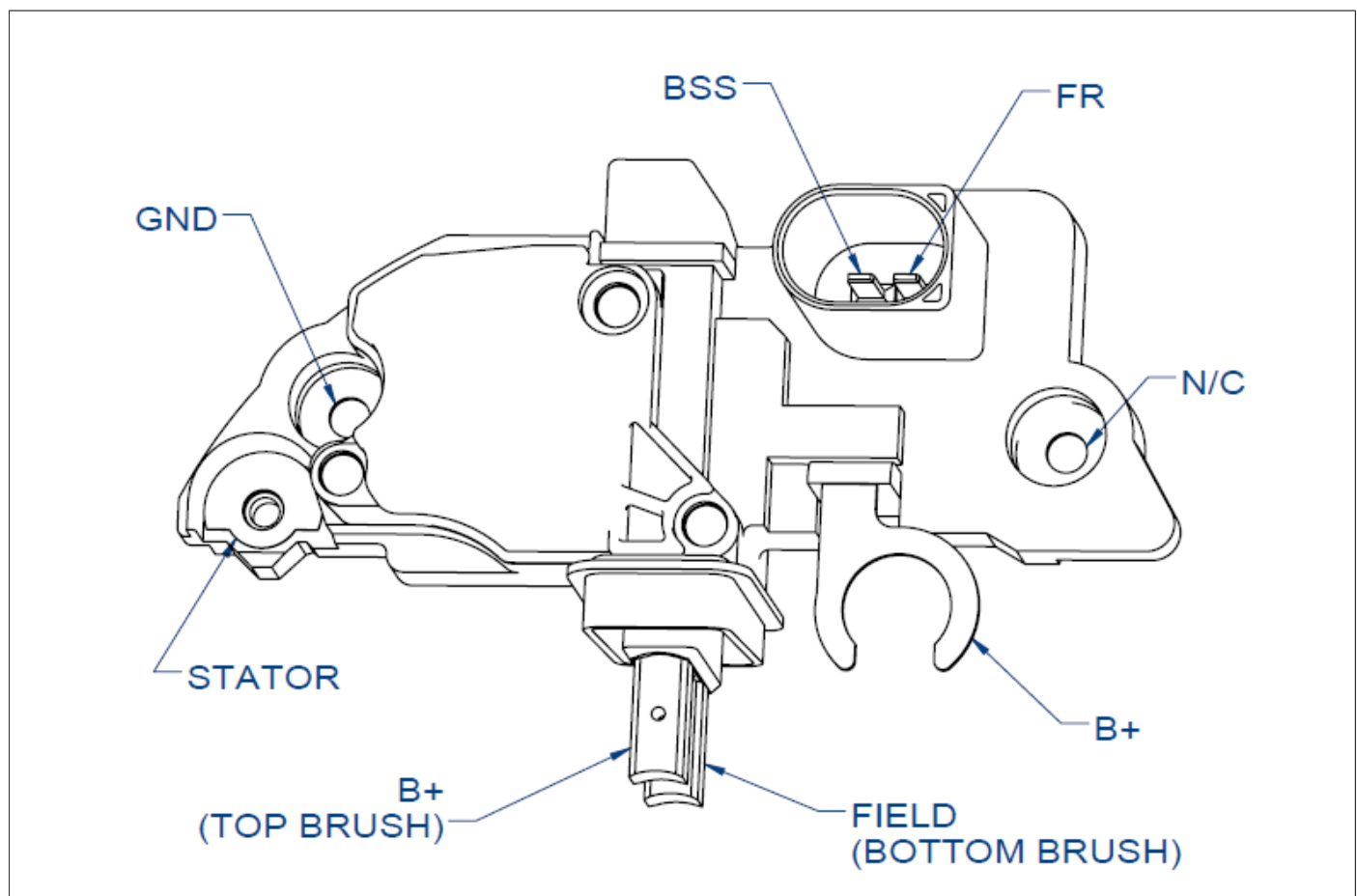
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6132	A	12	14.3				

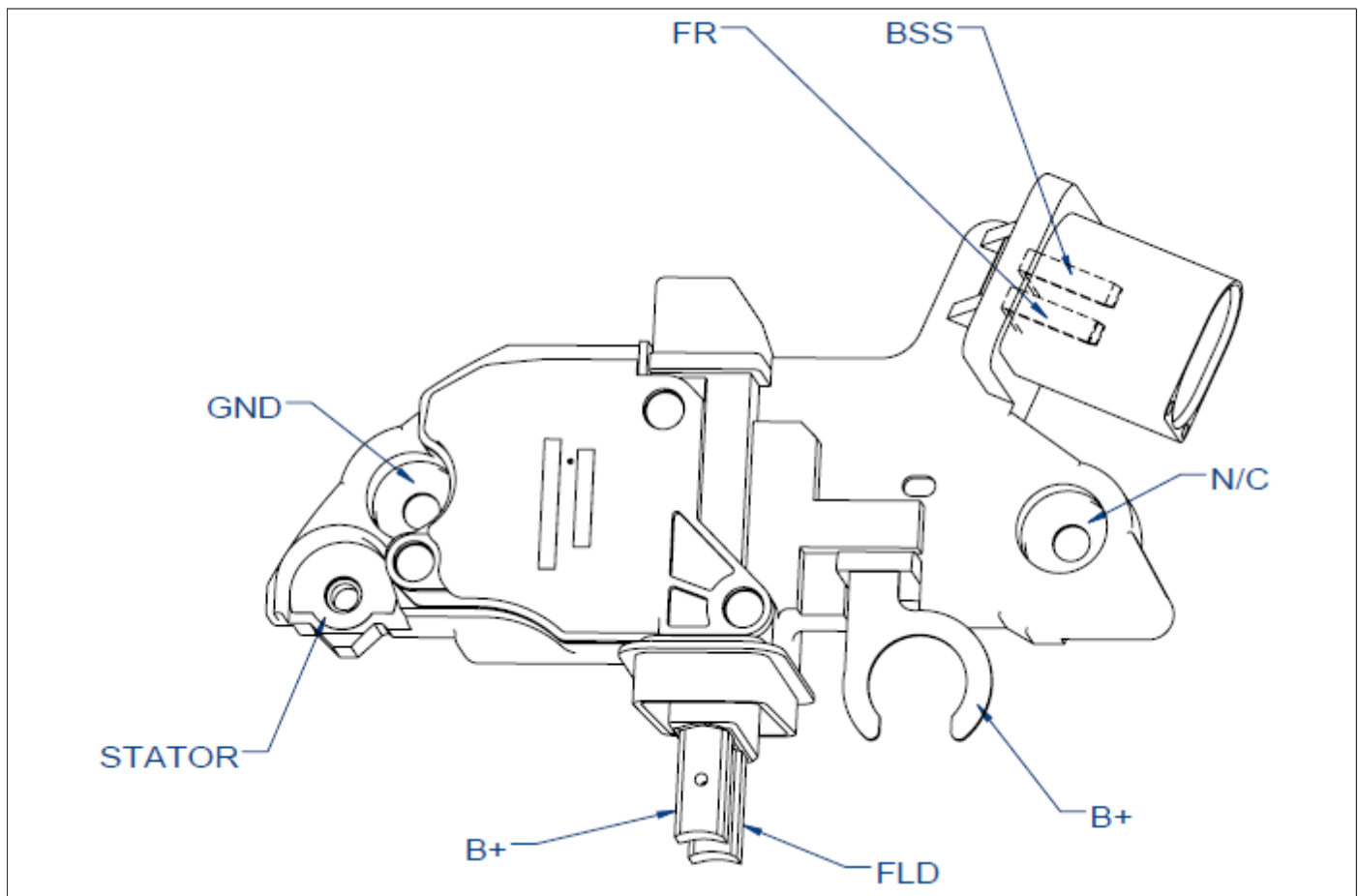
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM473	A	12	14.6				

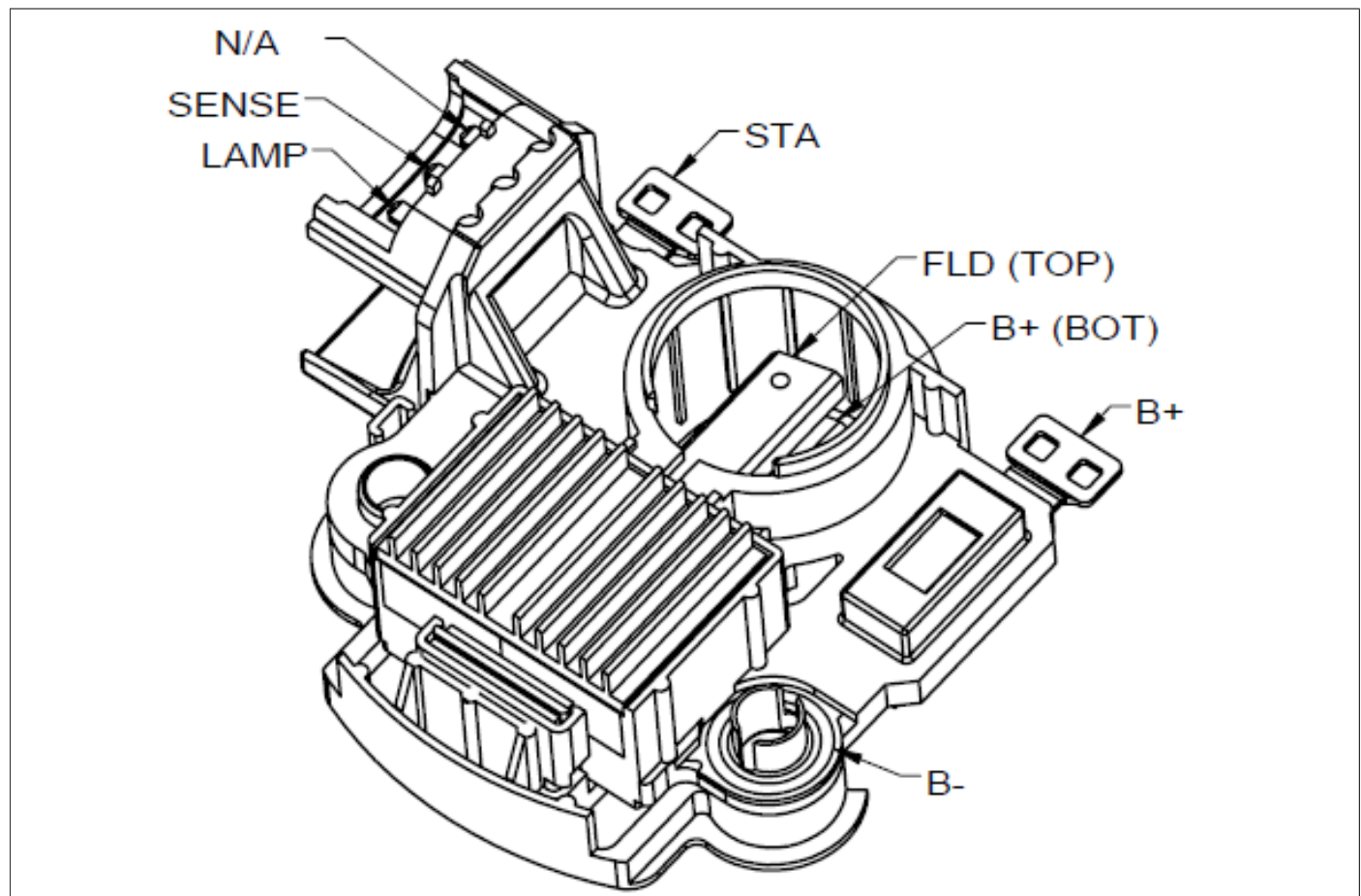
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect SENSE, the Setpoint should be 15.6 +/-0.2V and the Lamp turn ON.

Reconnect the SENSE terminal, disconnect the Stator terminal and the Lamp should turn ON.



## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

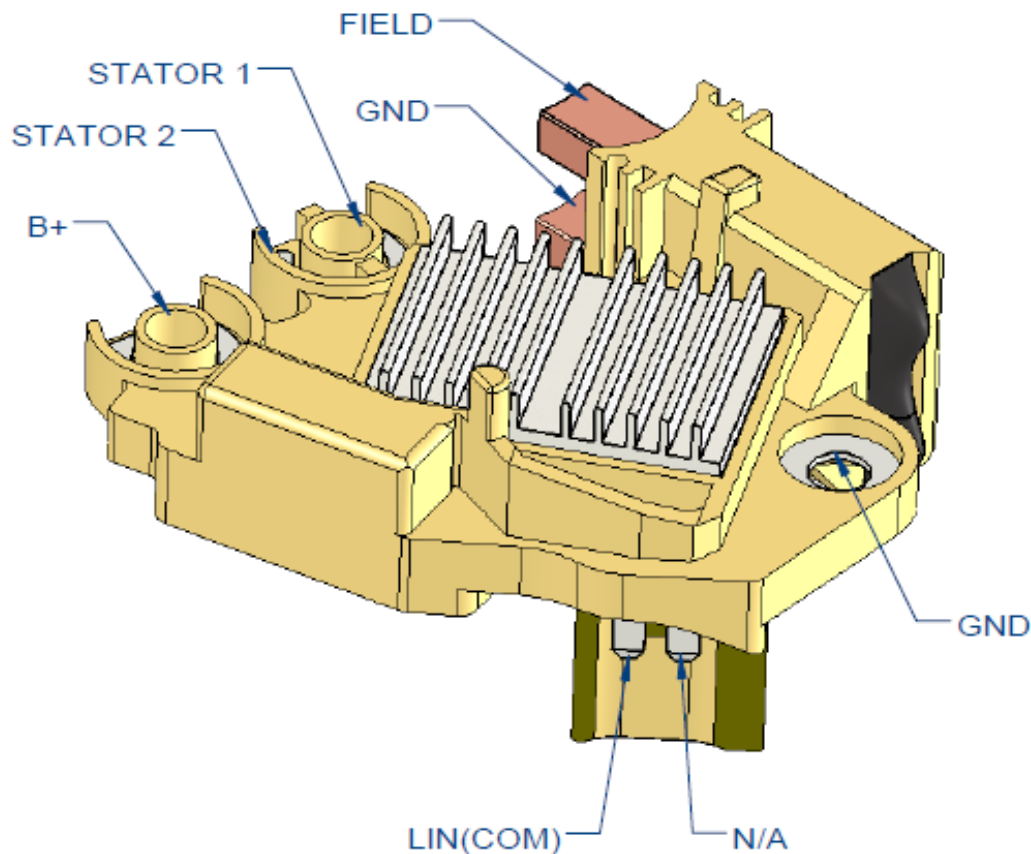
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M573	B	12	14.5				
M573V1	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



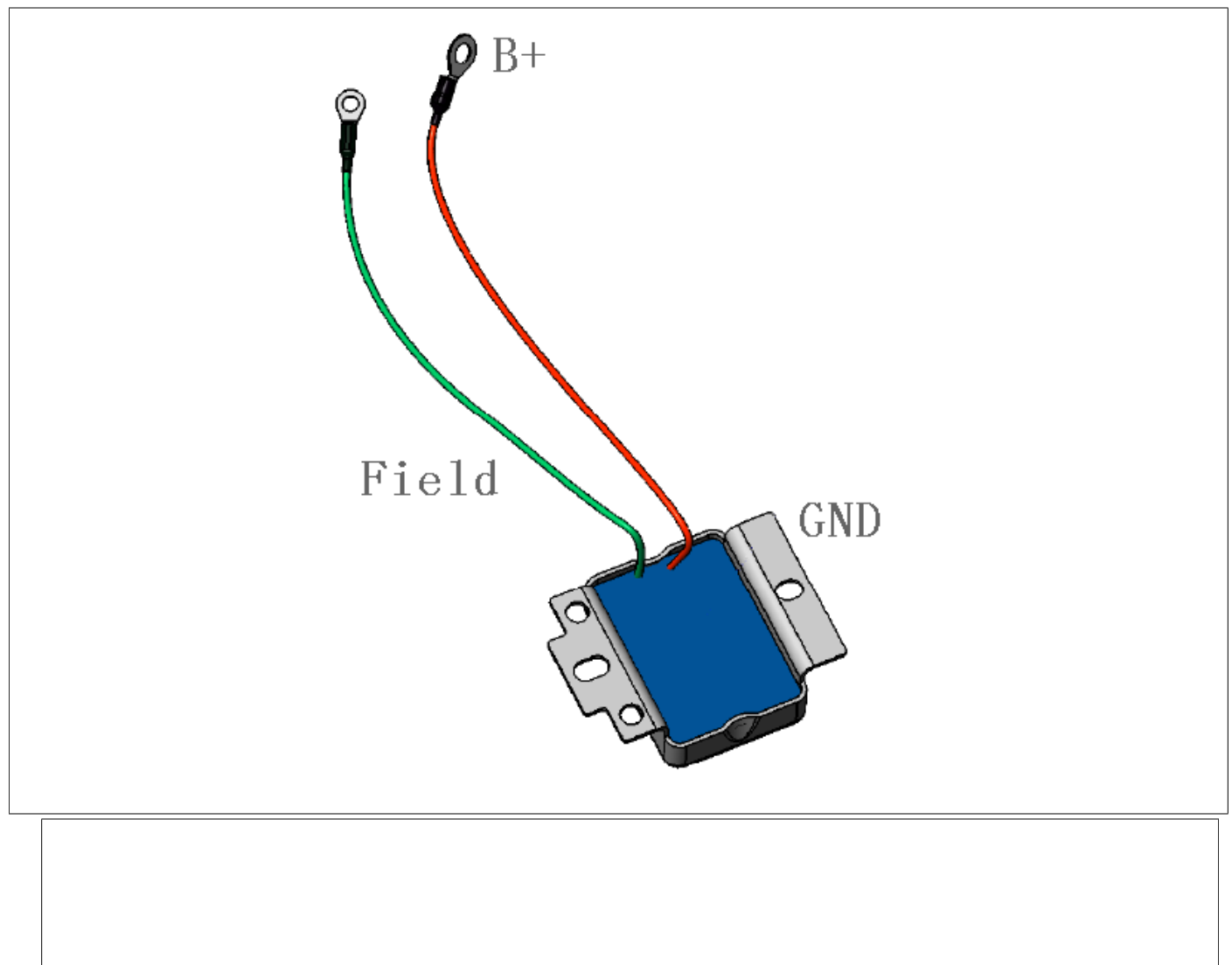


# TRANSPO TESTER INSTRUCTIONS

for           SPECIALTY           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
P8-393HD	B	24	27.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M579	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

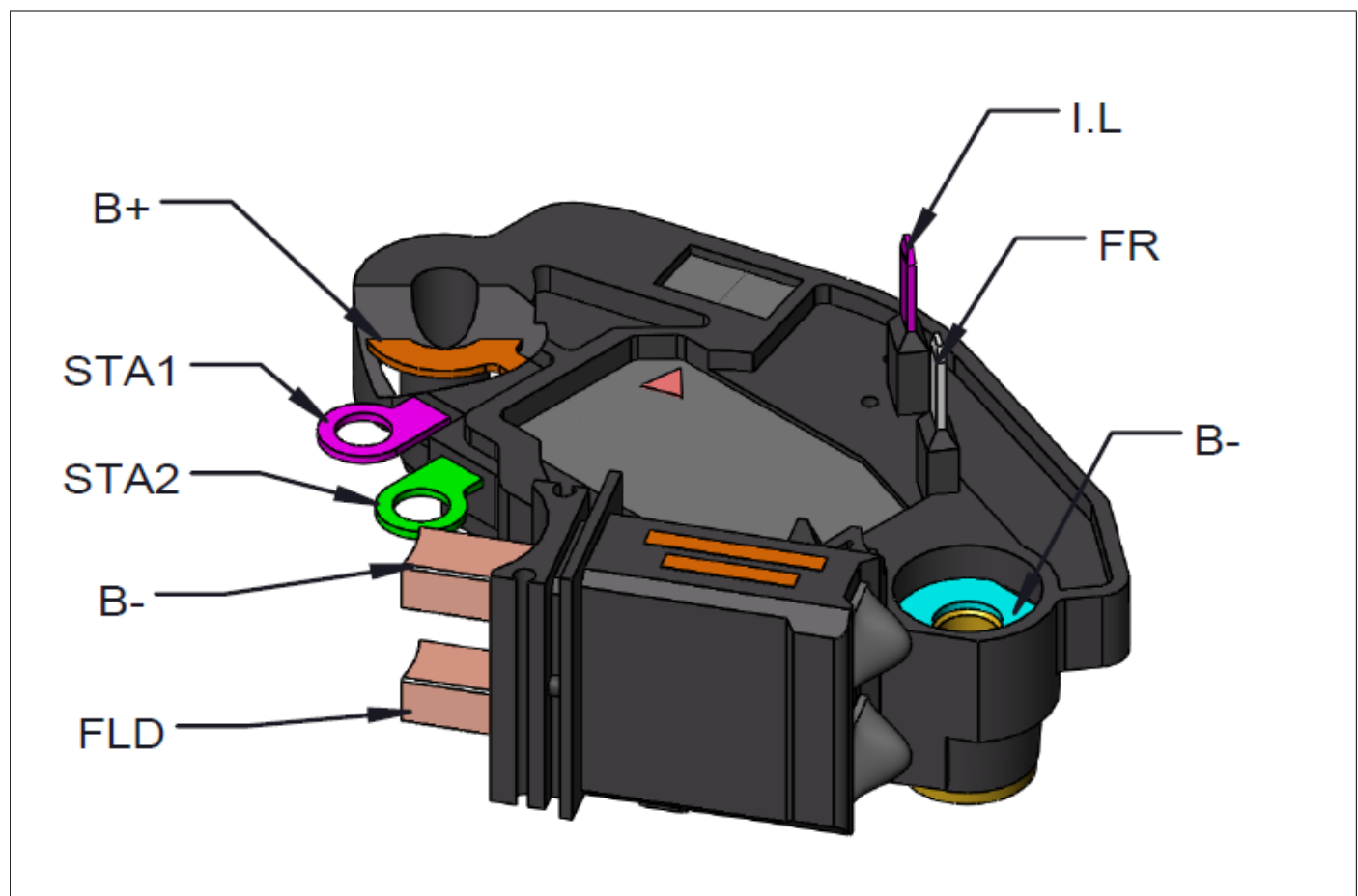
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

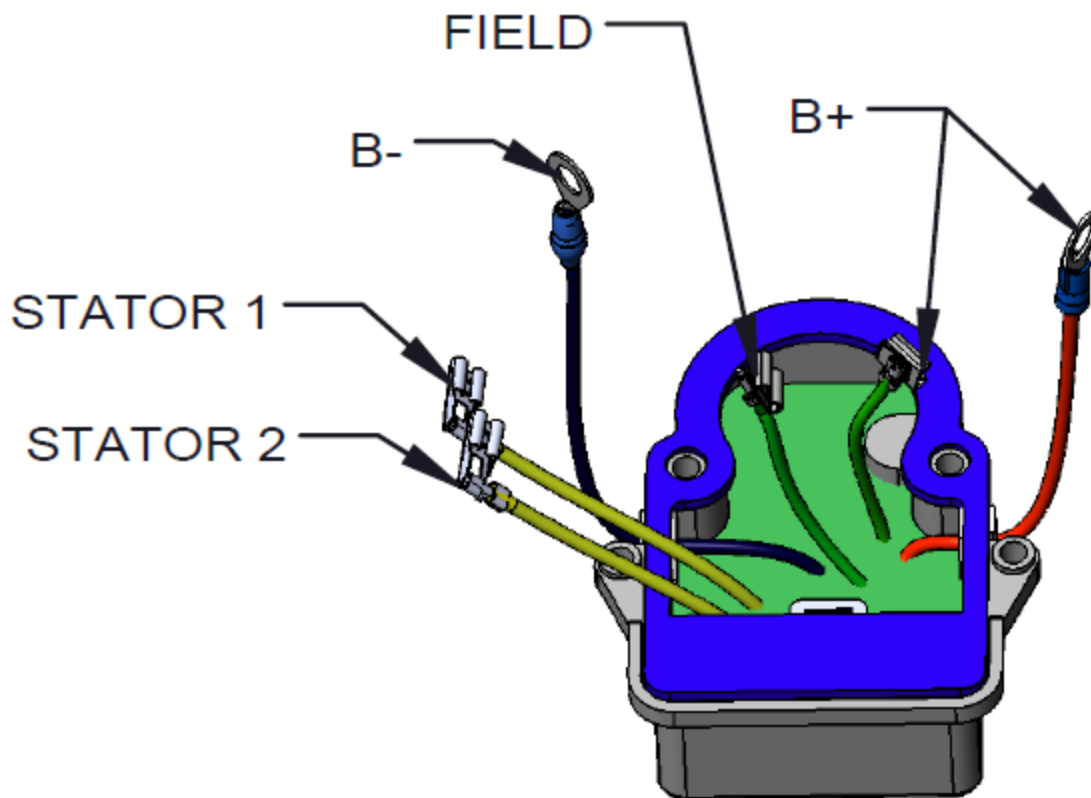


# TRANSPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-329AHD	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal, the regulator should stop works.

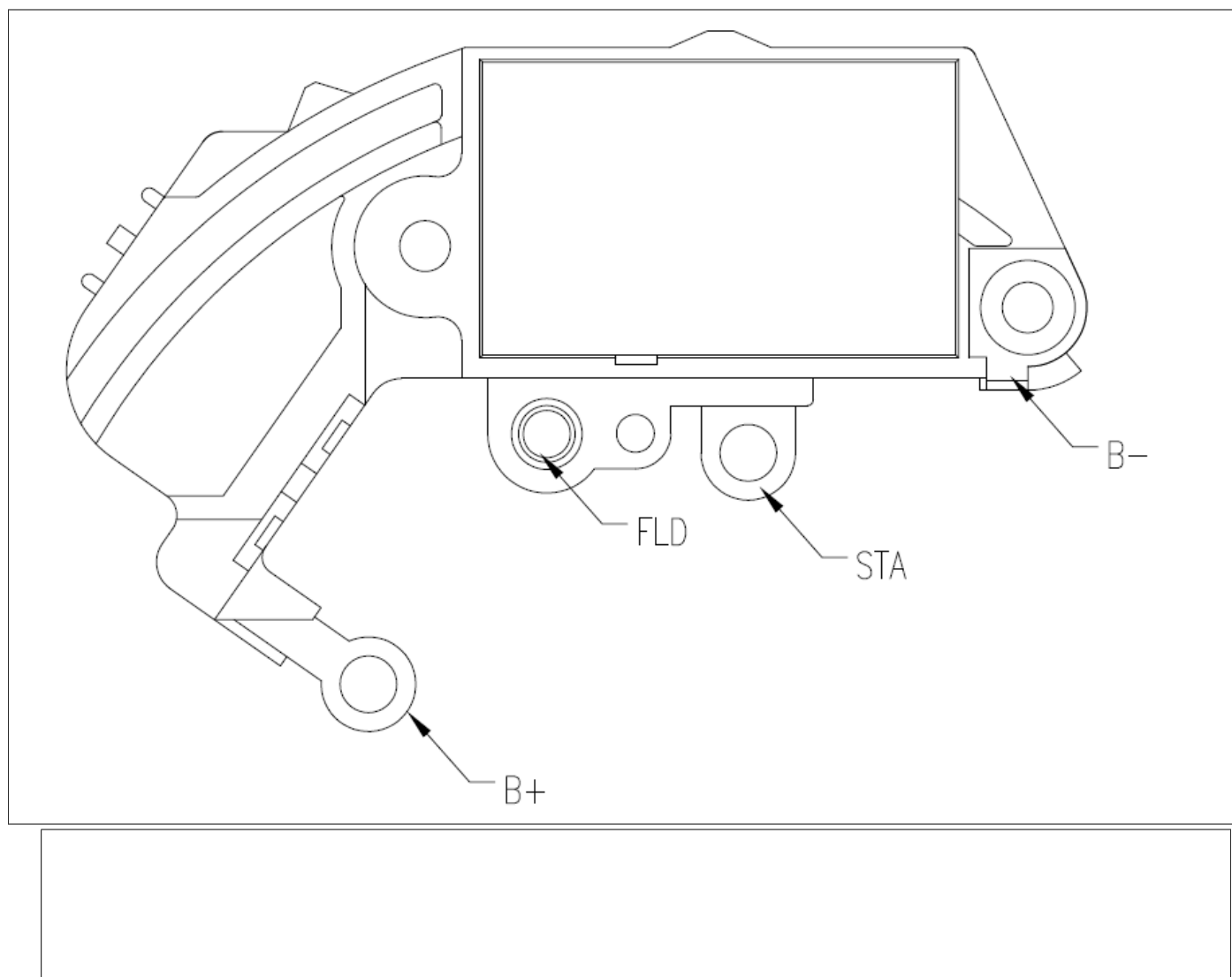


# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN437SERP	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

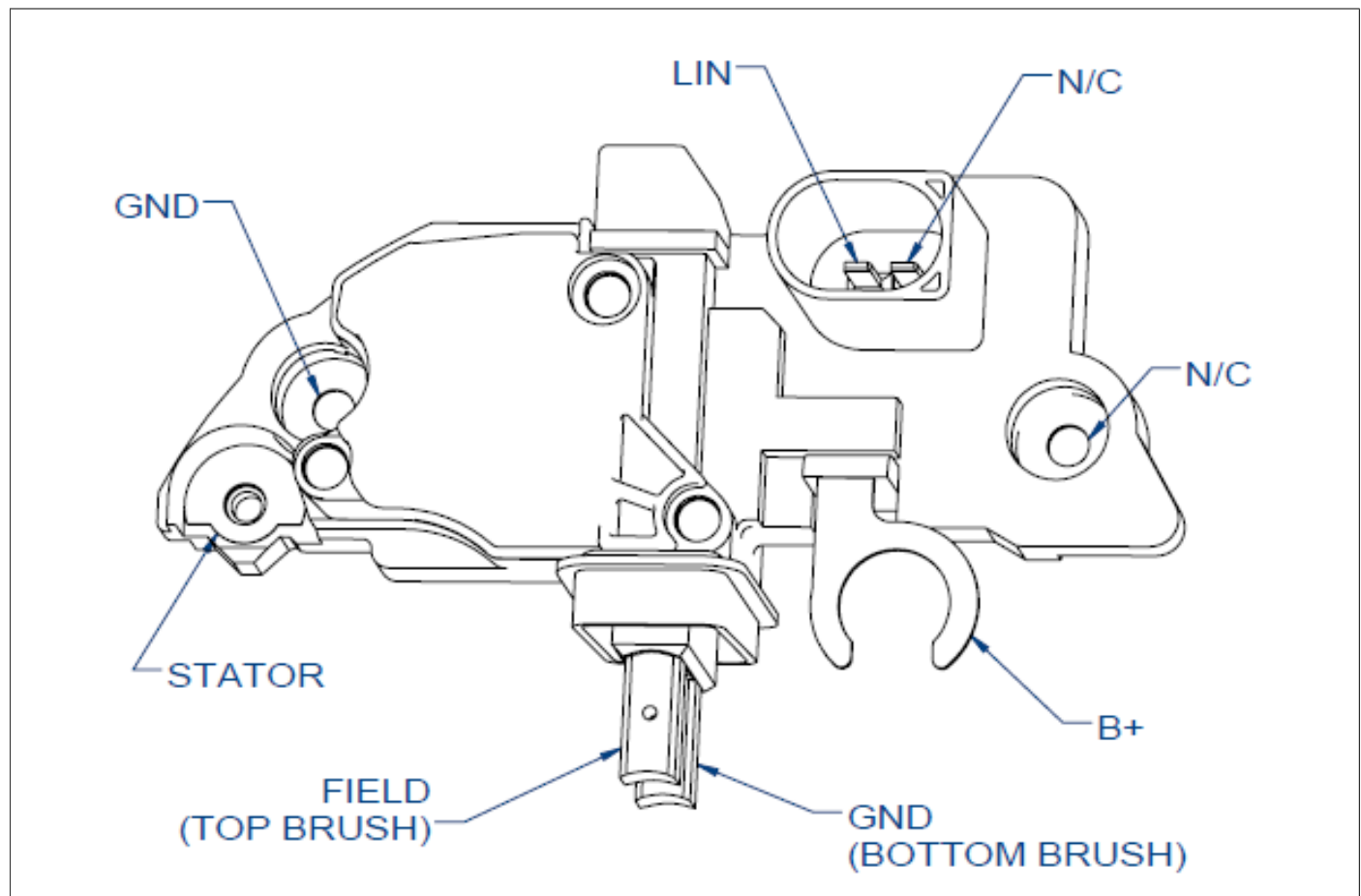
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6197	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.



## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

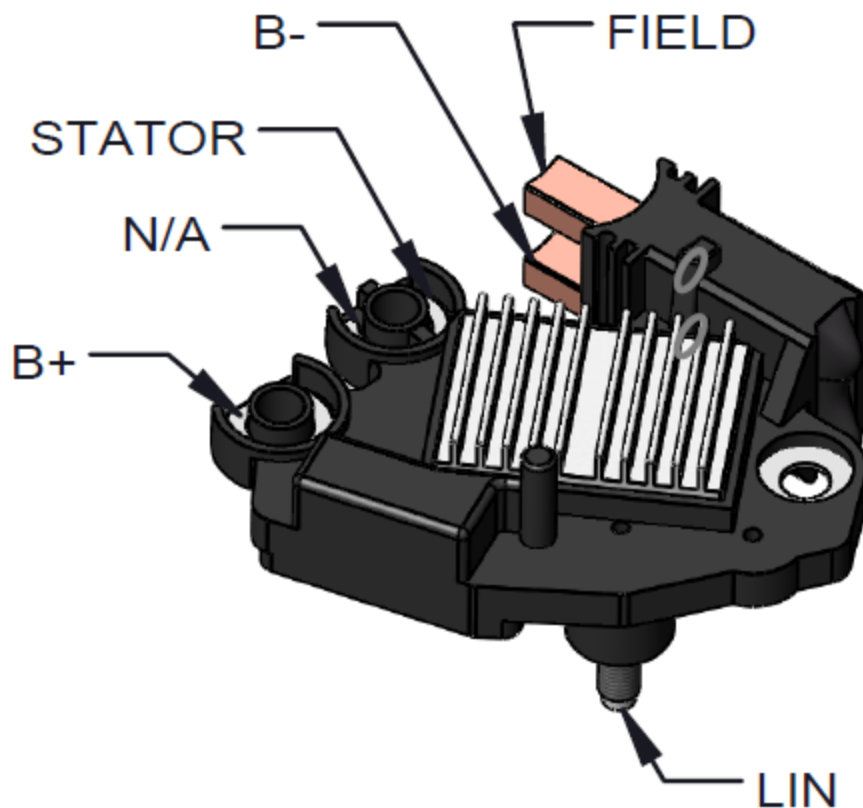
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M576	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

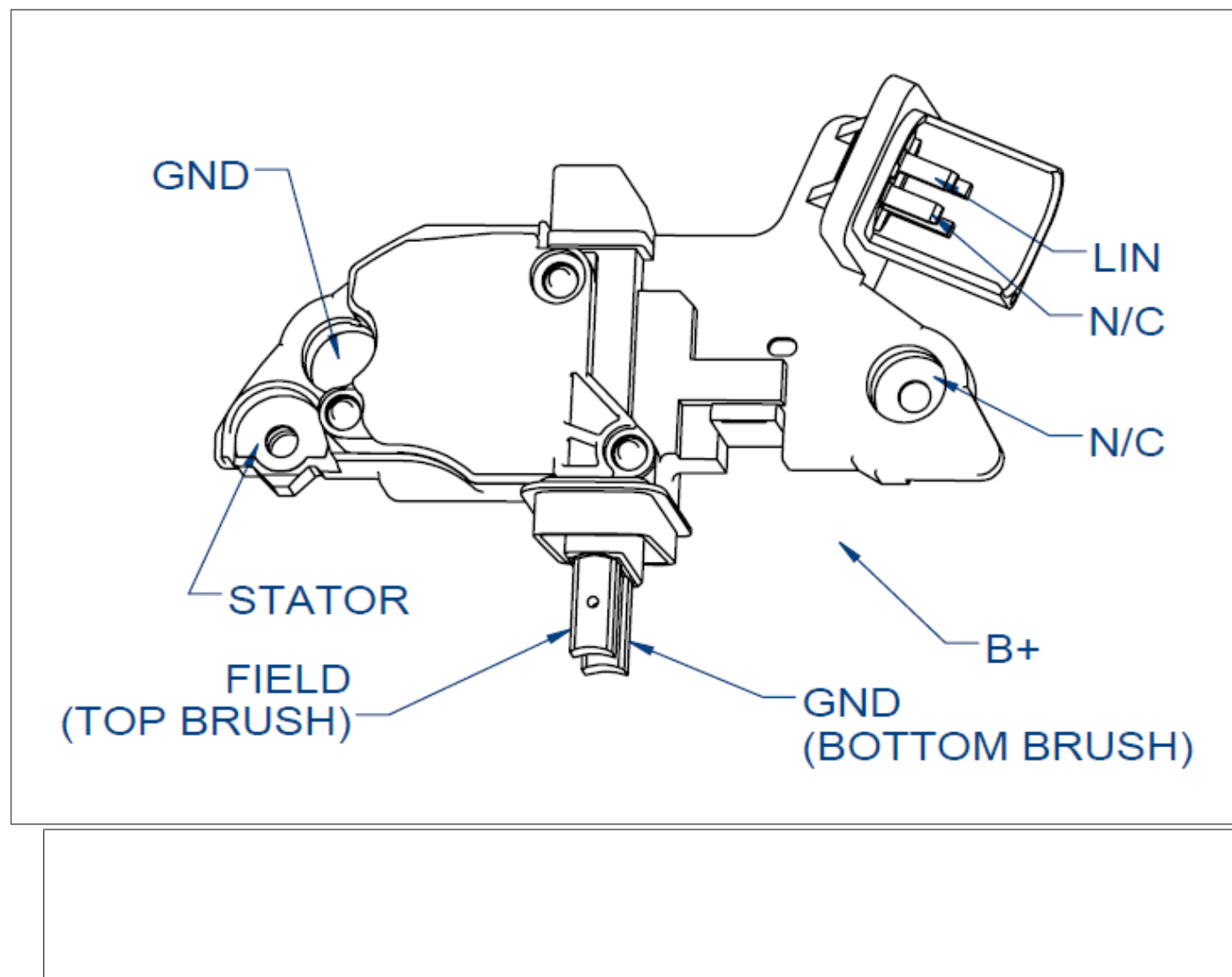
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5378	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.

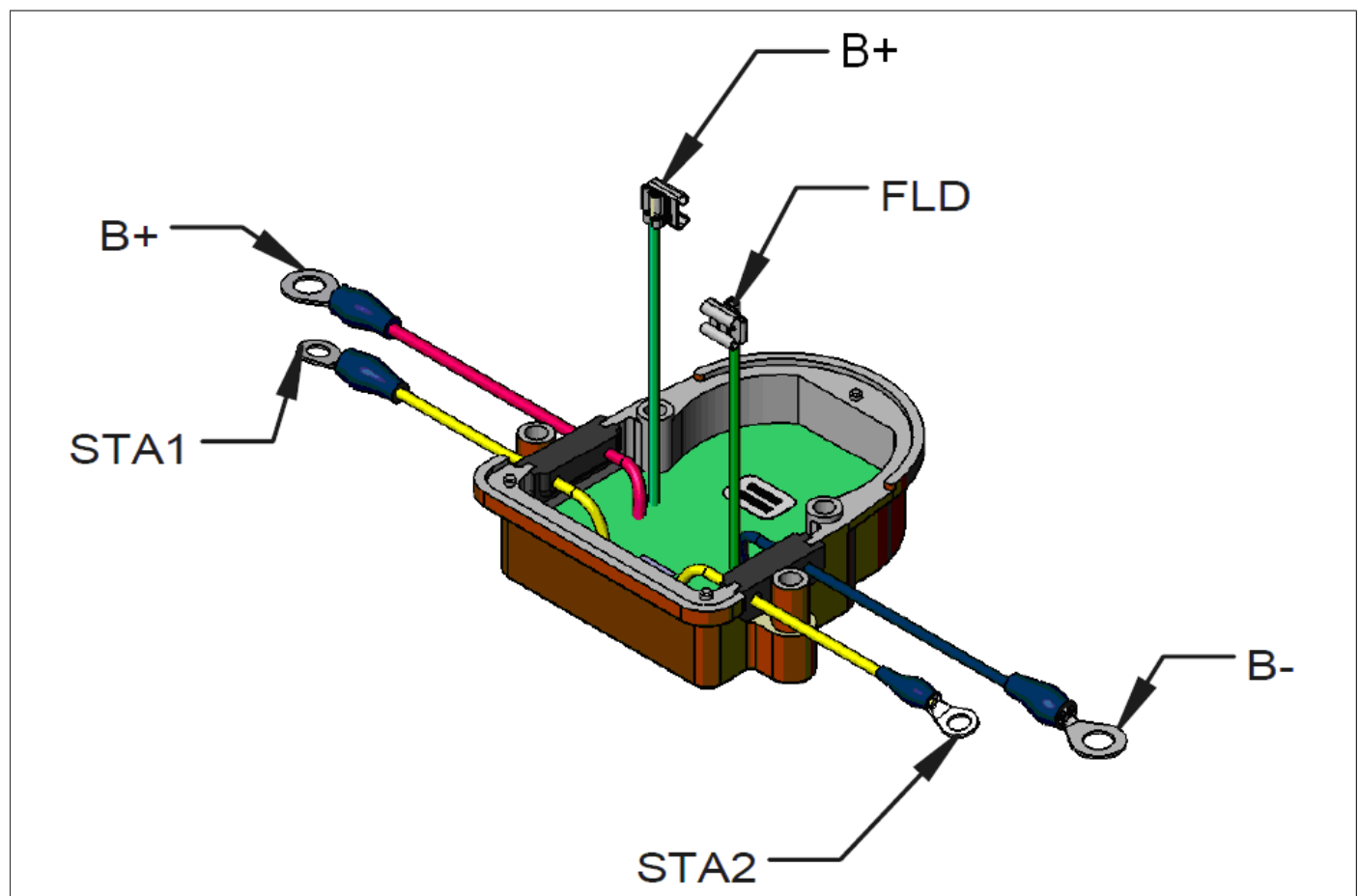


# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-280AHD	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal, the regulator should stop works.





# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

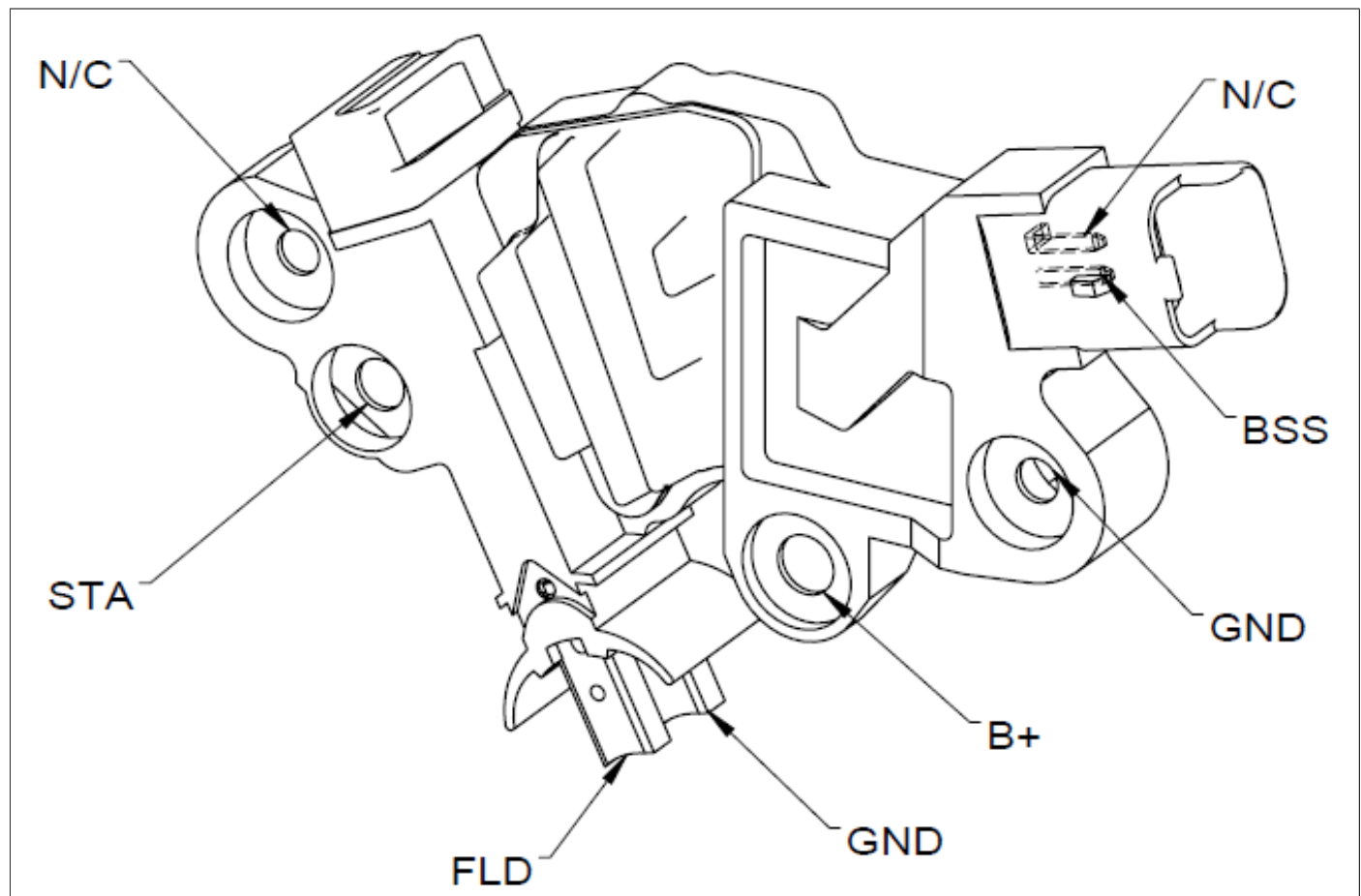
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6135	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.

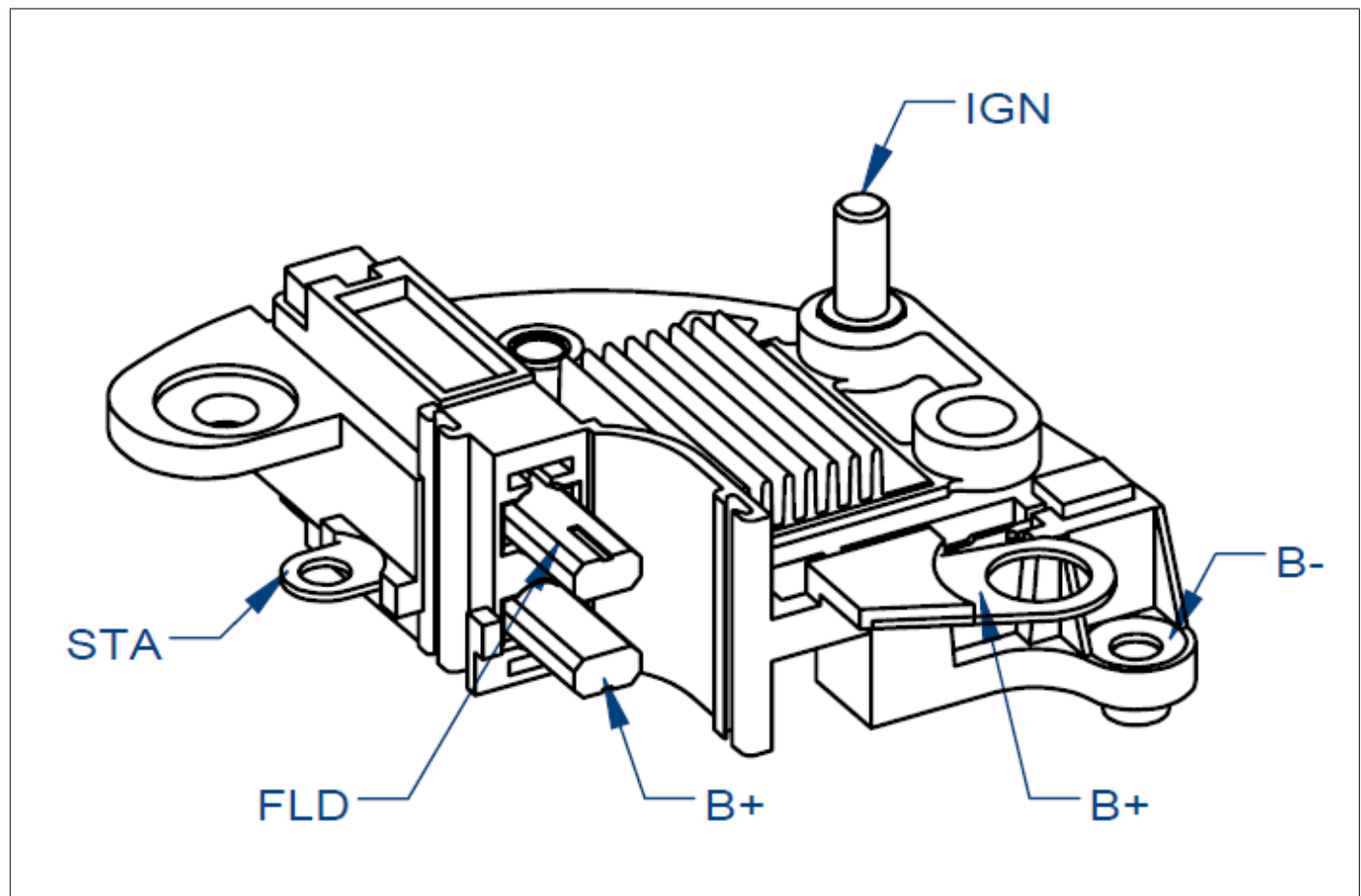


## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX136	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the IGN terminal, the regulator should stop works.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

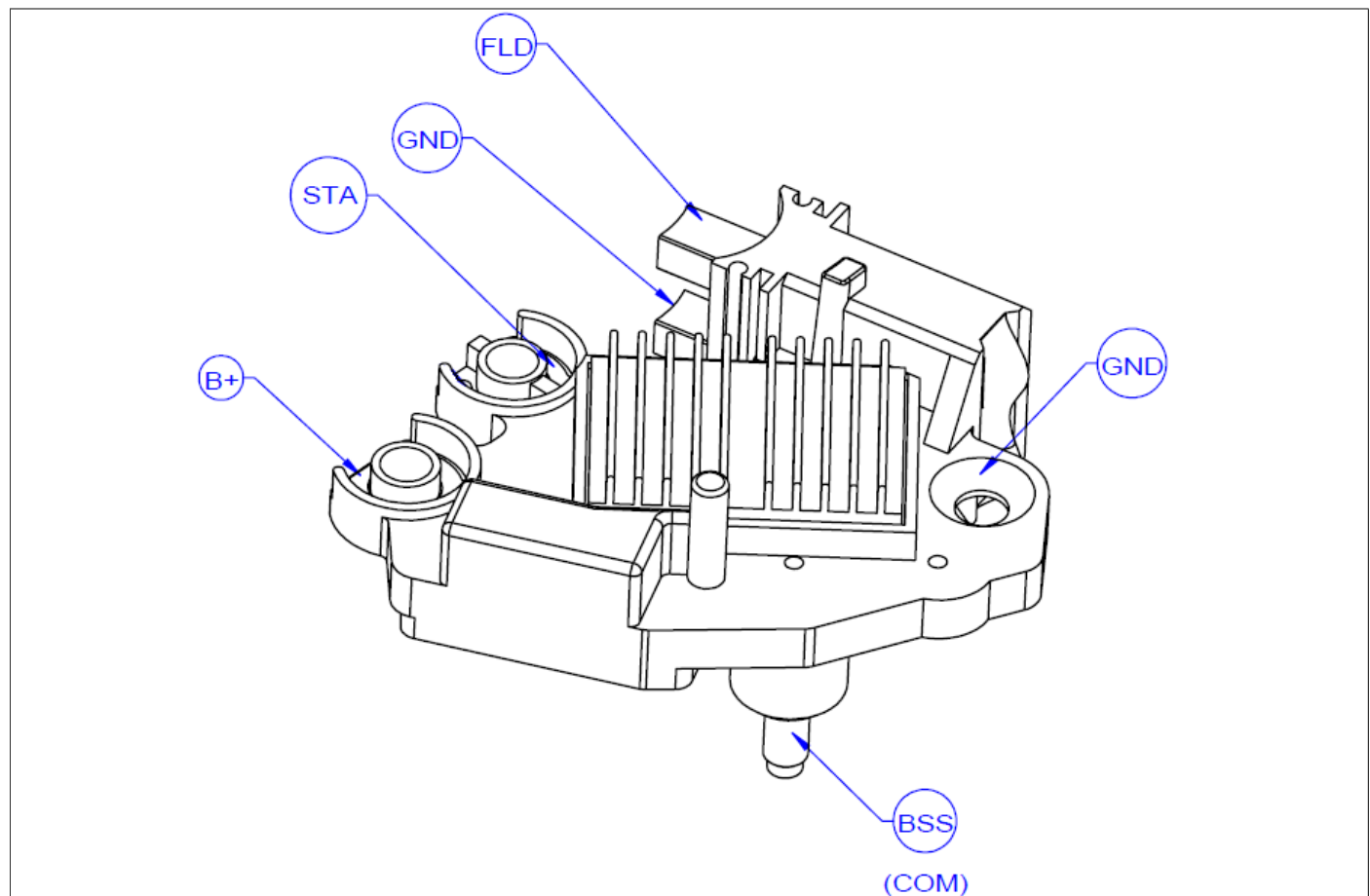
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M575	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.

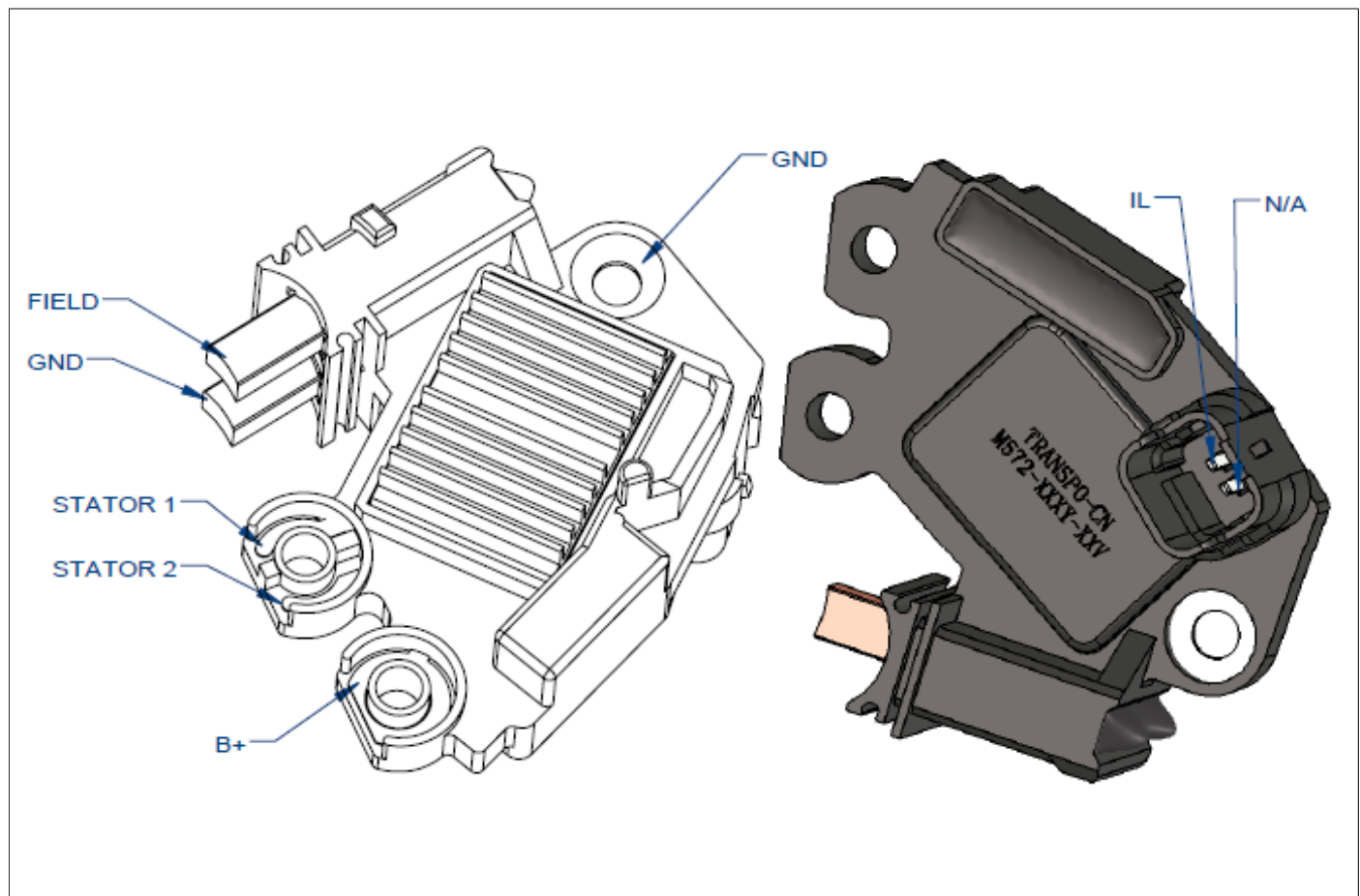


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M572	B	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal and the Lamp should turn ON.

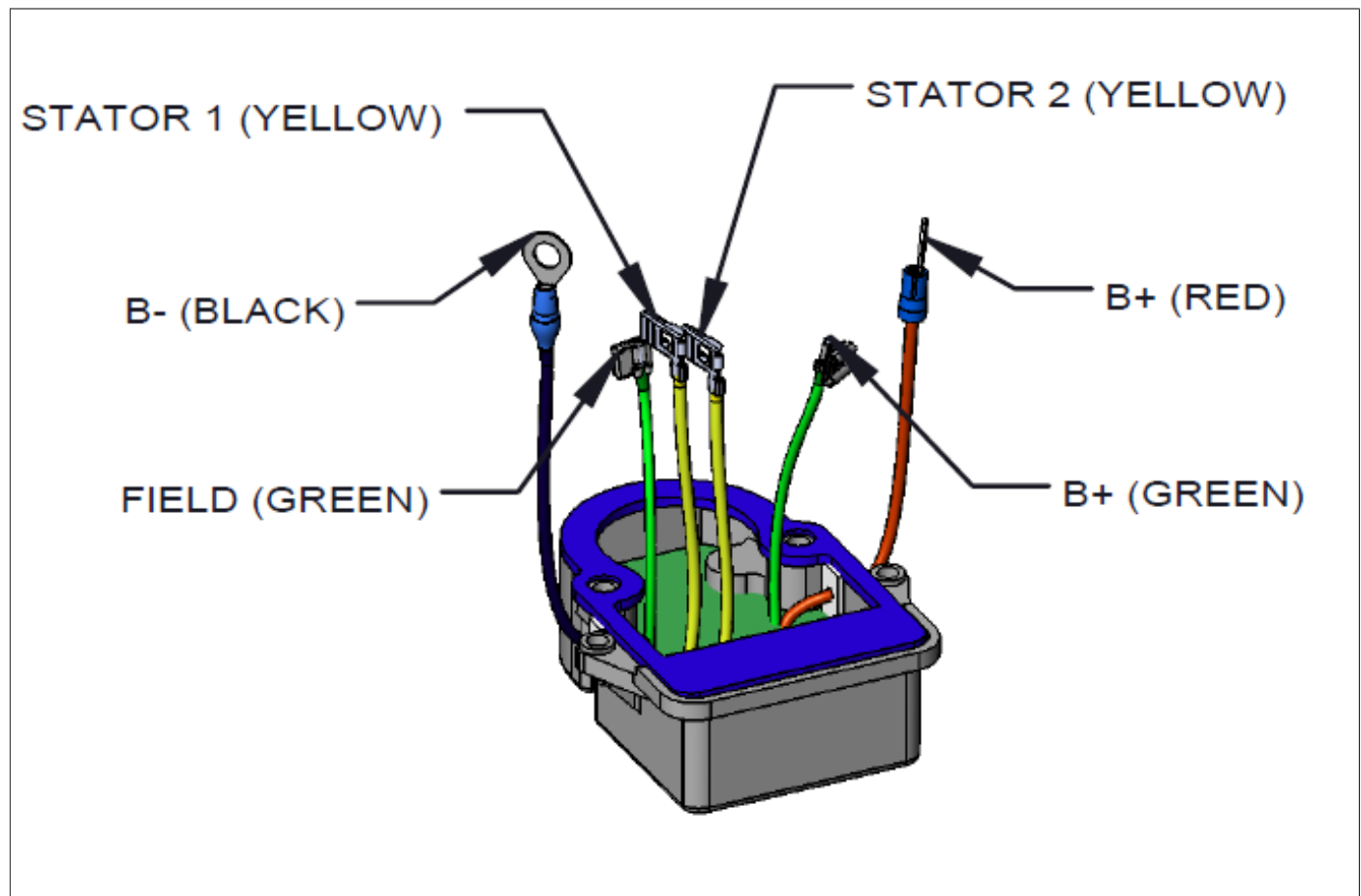


# TRANSCO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-338	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal, the regulator should stop works.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM362	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

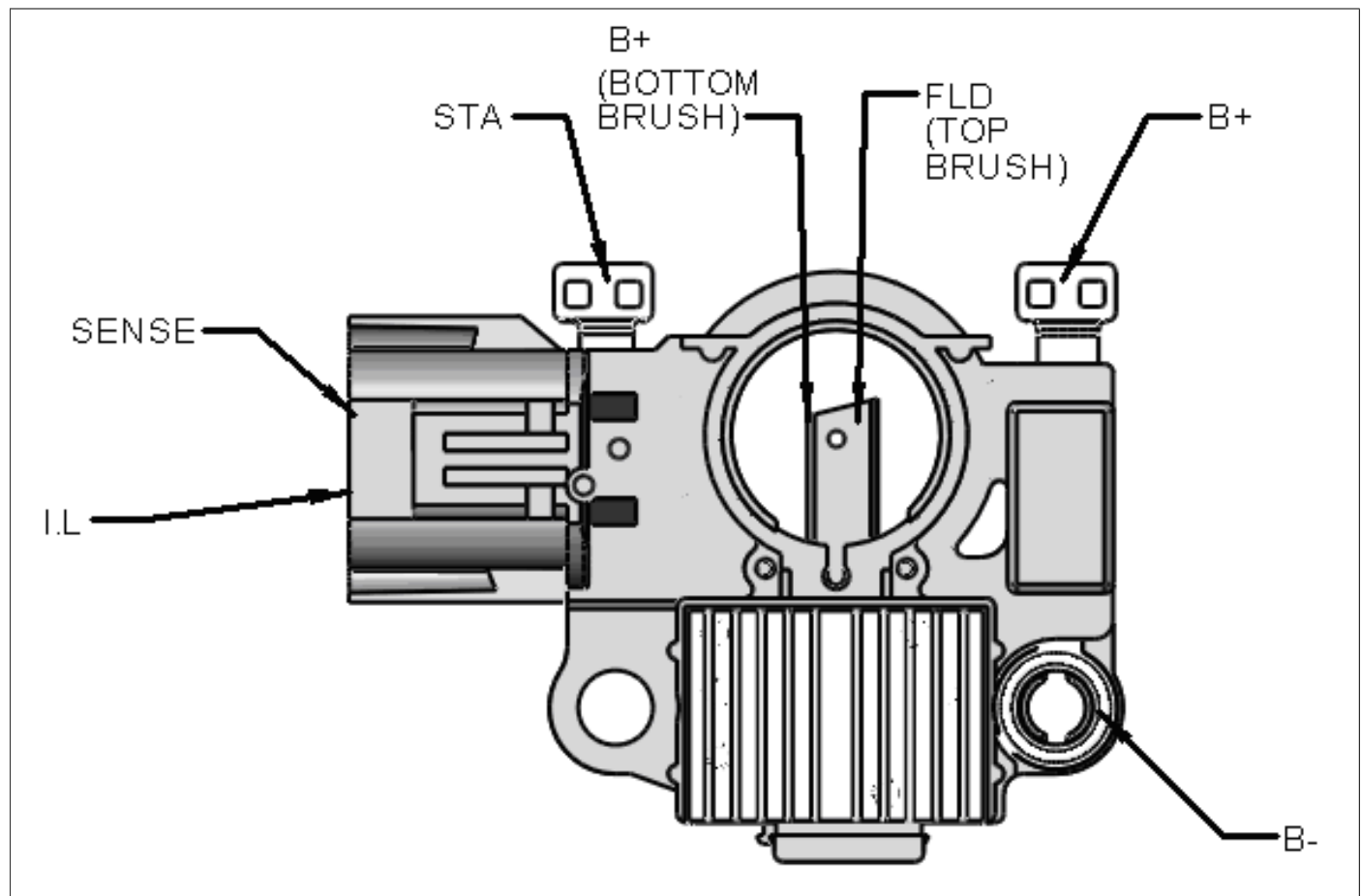
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Push the "Over Voltage" switch and the "Lamp Indicator" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator terminal, disconnect the Sense, the "Lamp Indicator" will turn on and the set point will be 15.5V +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

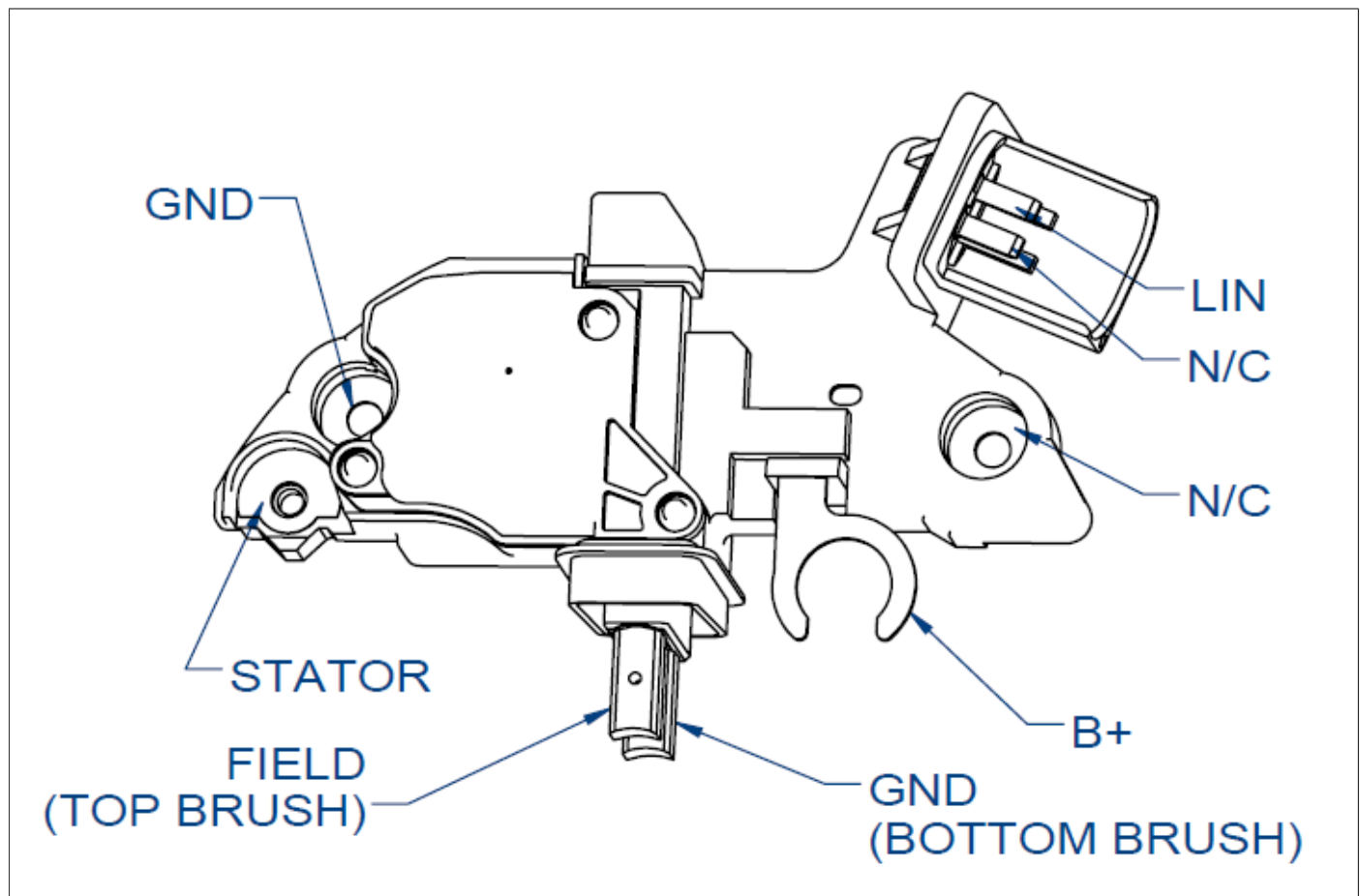
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB885	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB059	A	12	14.3				

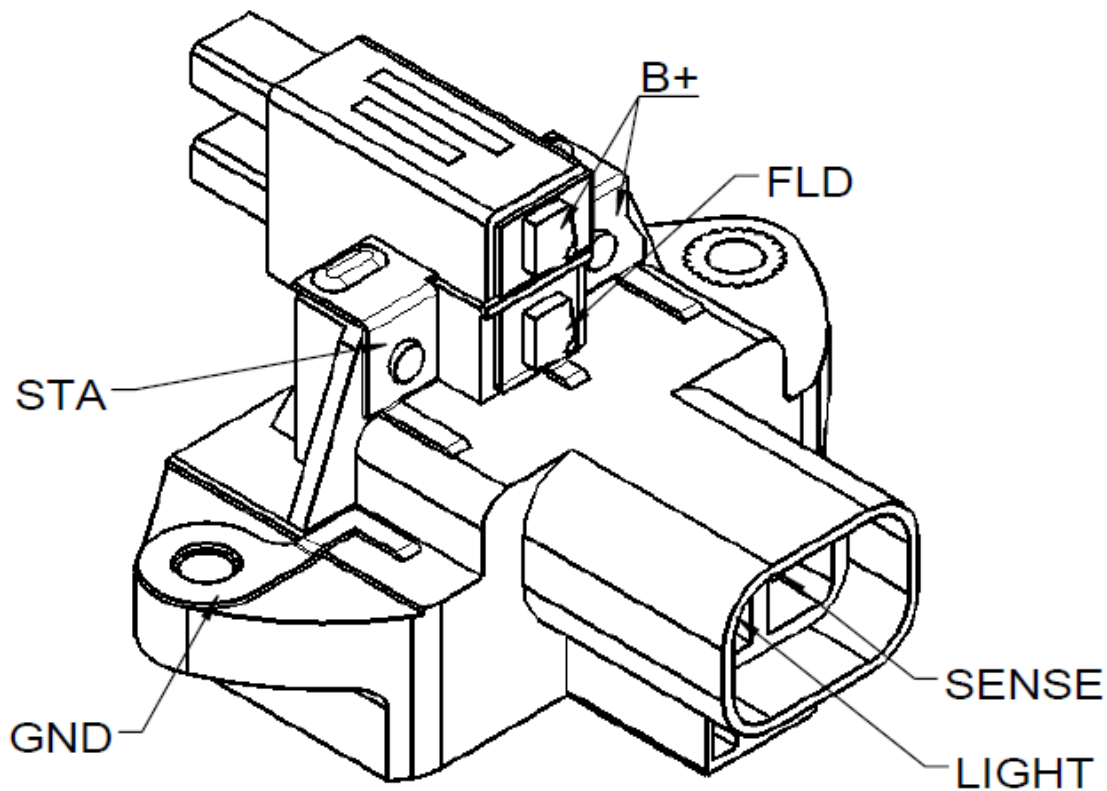
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator terminal, disconnect the Sense, the Lamp should turn ON and set point will be 14.5V +/- 0.2V.



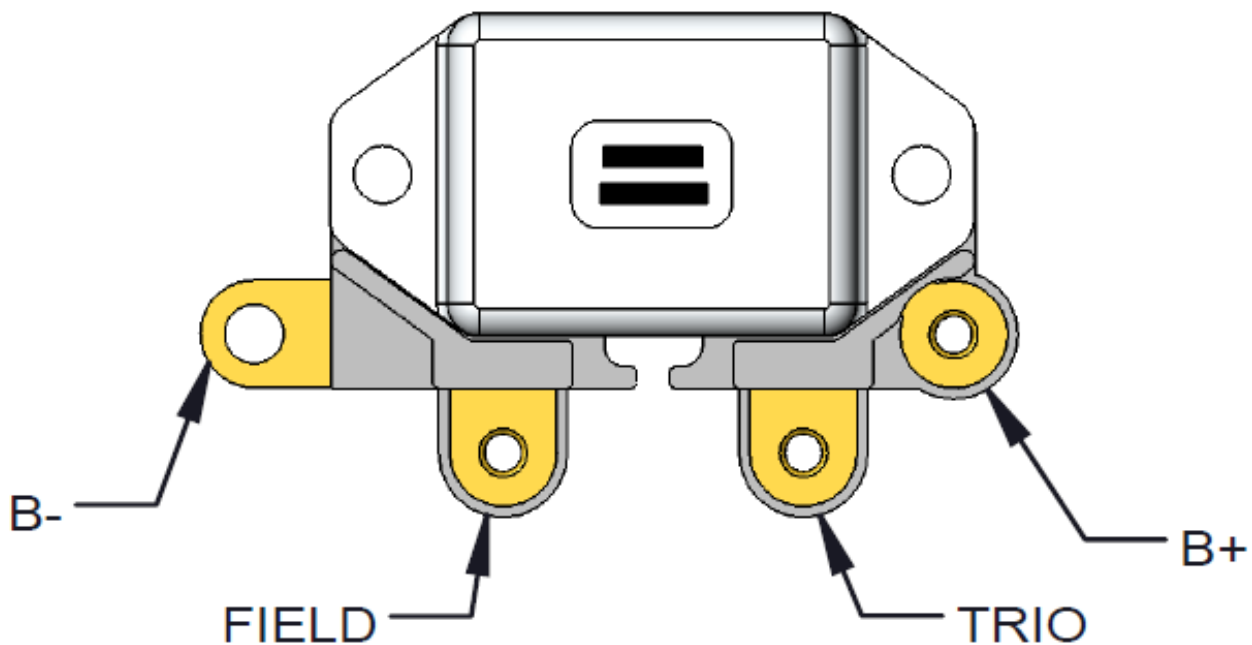


## TRANSPO TESTER INSTRUCTIONS

for       NIKKO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IZ229	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

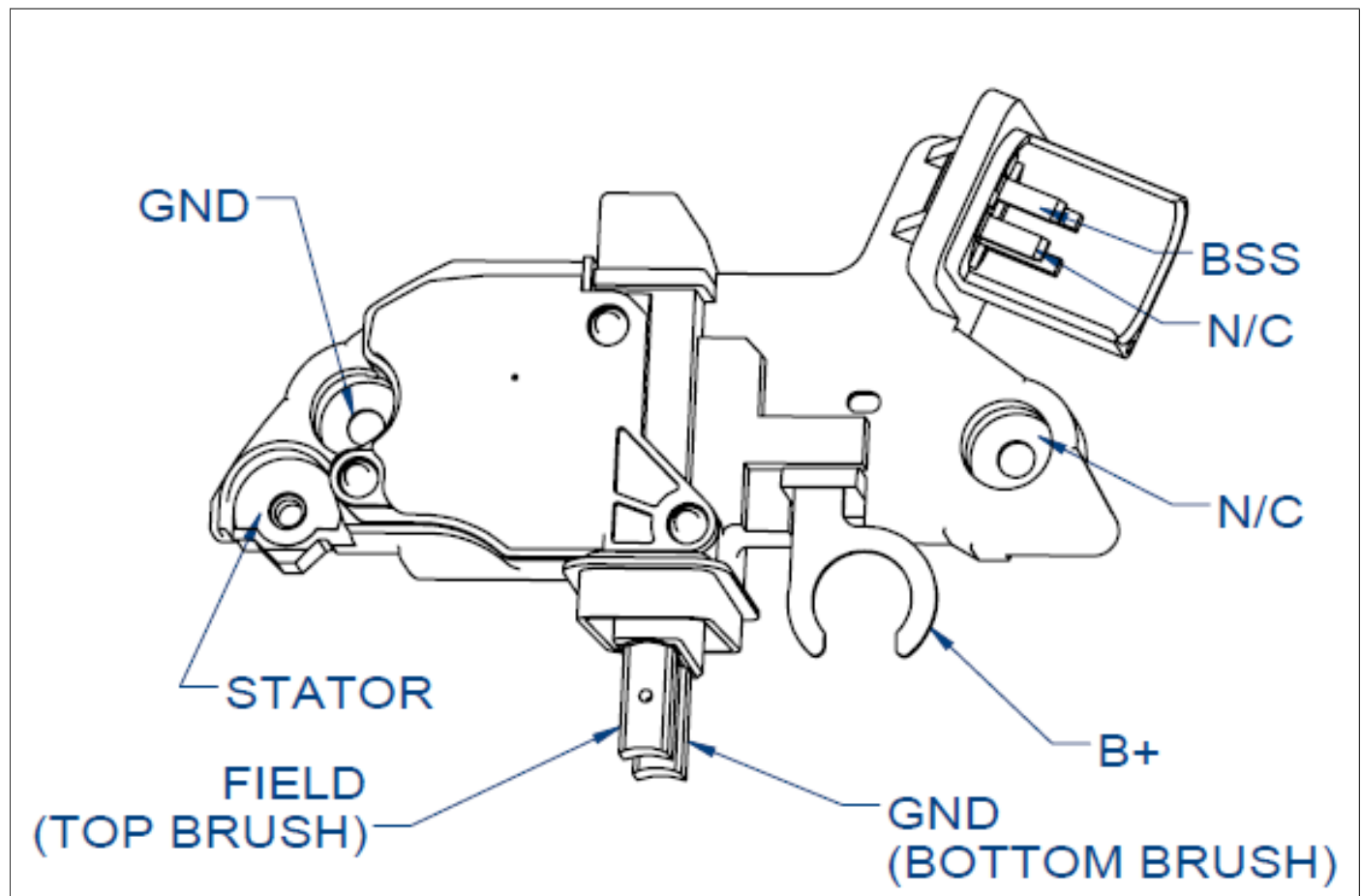
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5289	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.

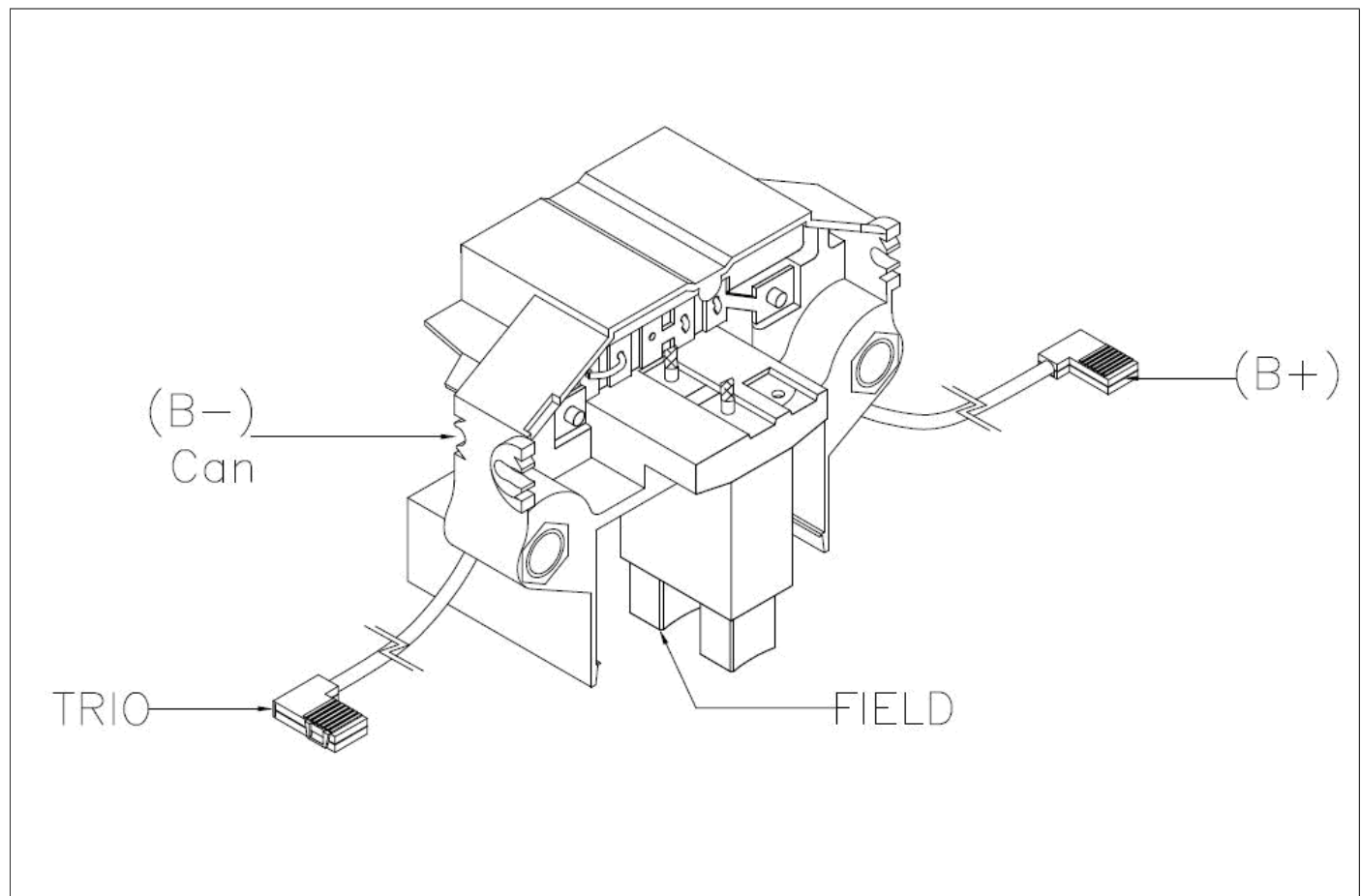


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP2700V	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.



## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

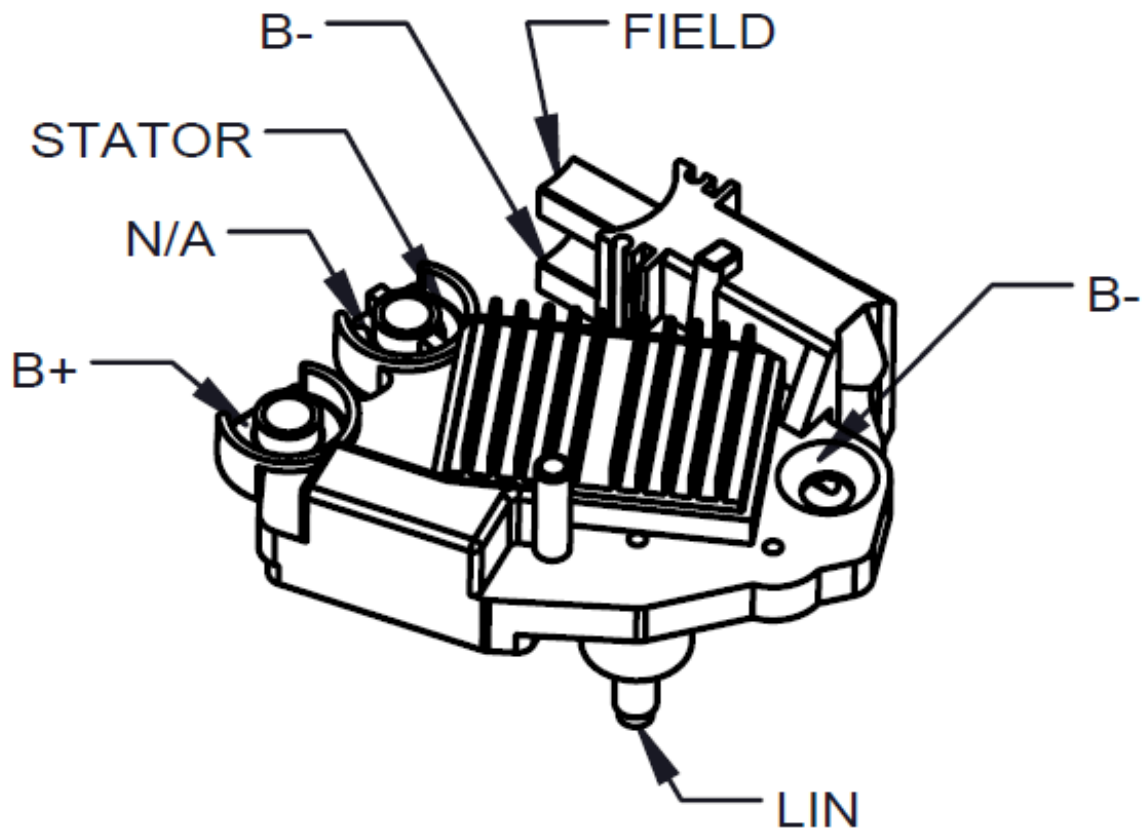
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M568	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.

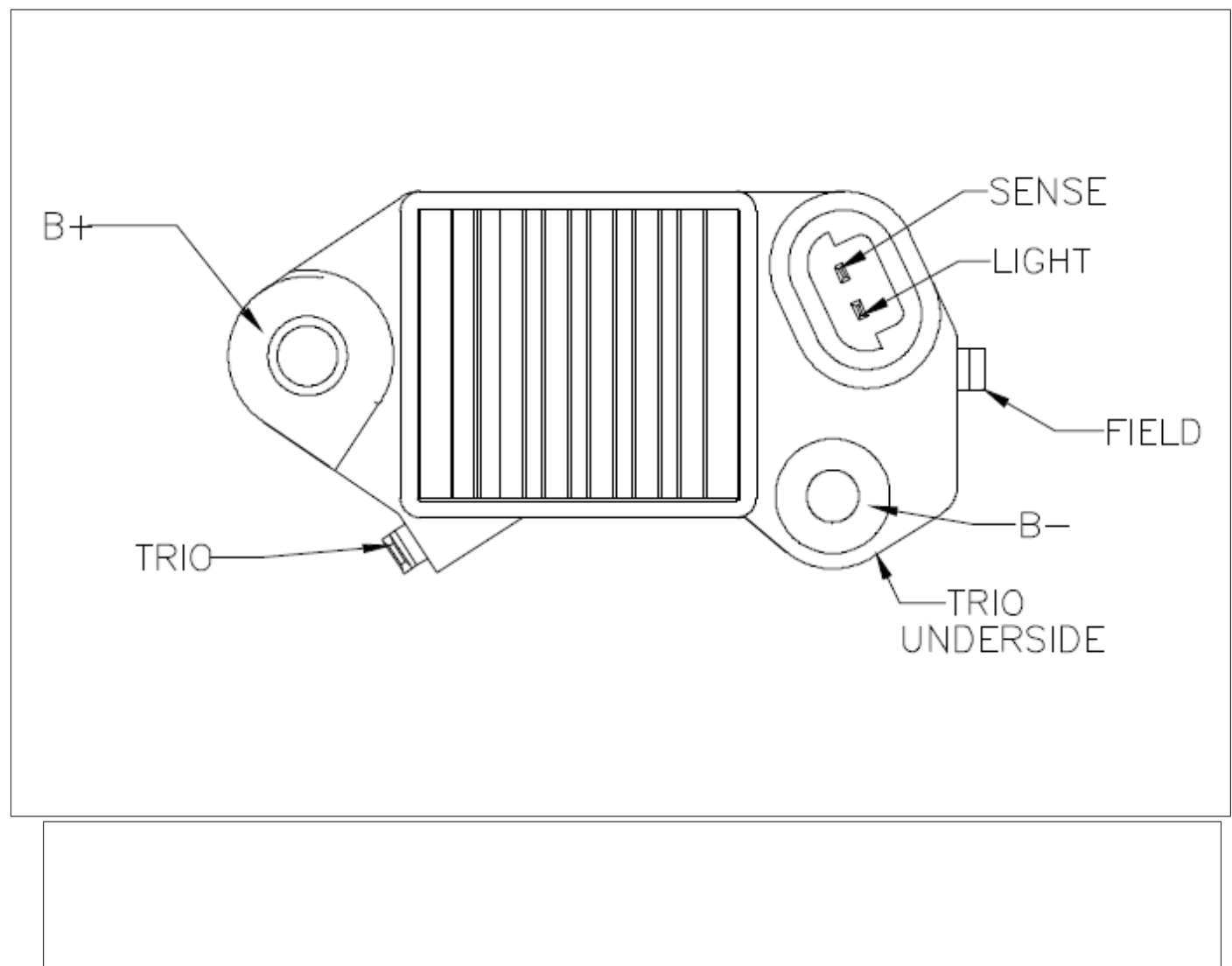


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D940-132	A	12	13.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect SENSE and TRIO to B+.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM849	A	12	14.5				

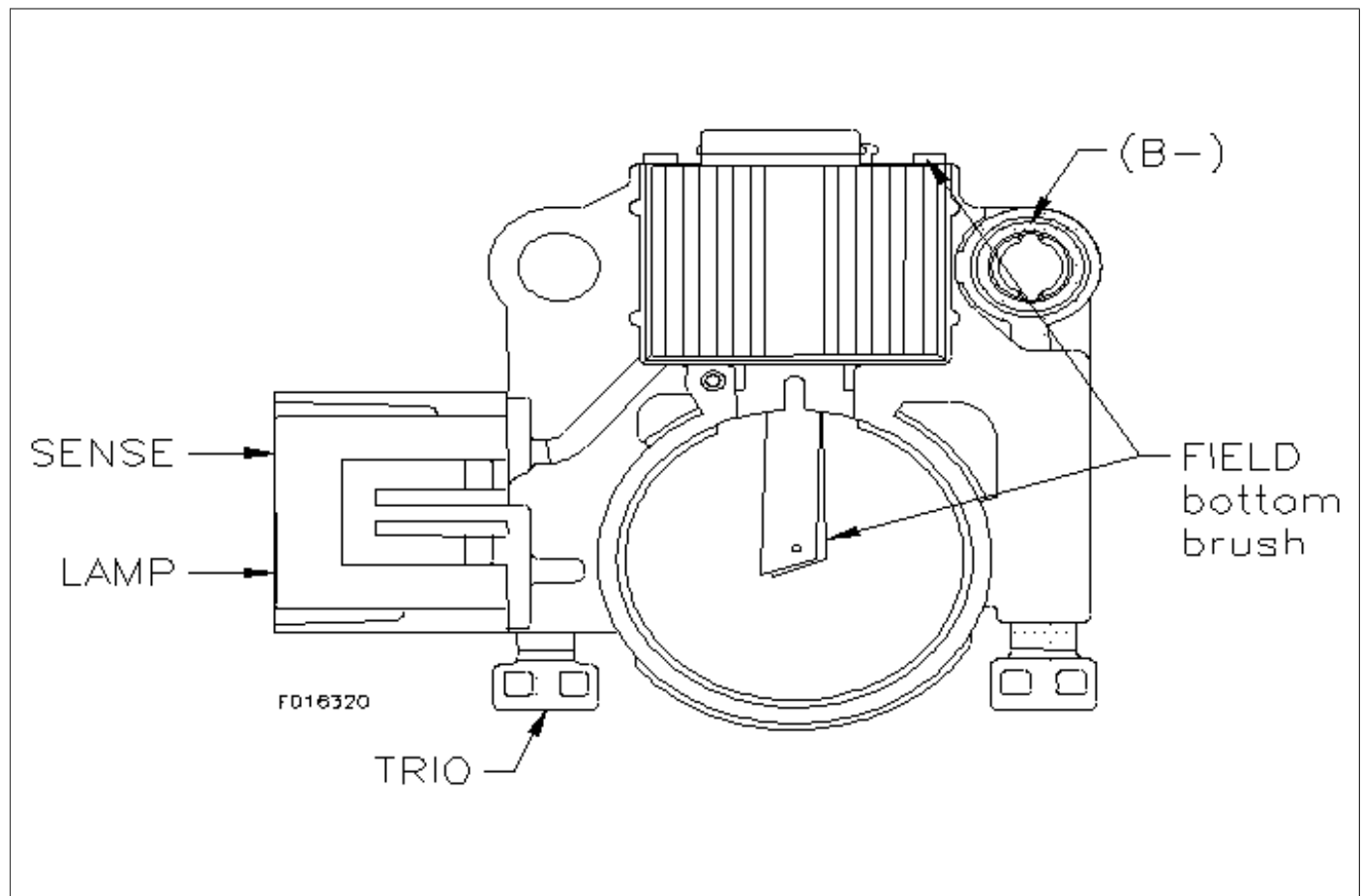
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Sense, the set point will be 15.7V +/-0.3V.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M566	A	12	13.6*				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

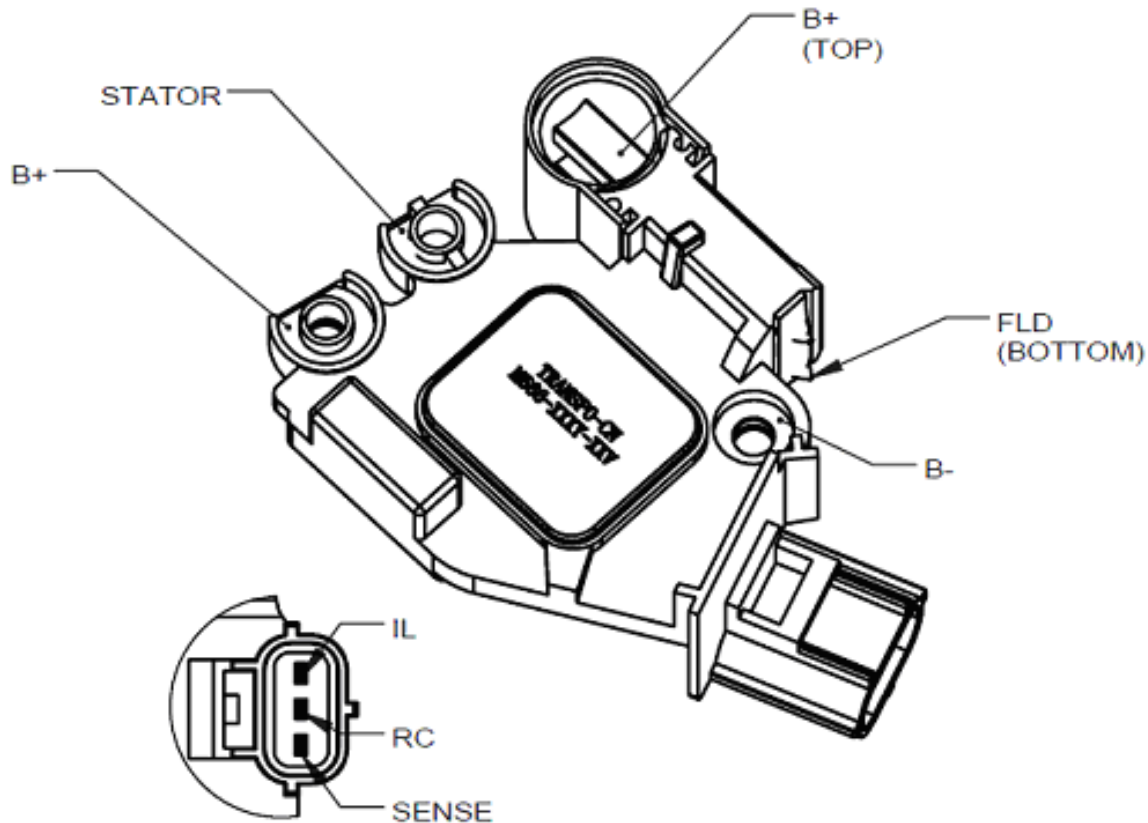
Use VRC2010 tester to complete RC voltage setpoint testing, Connect RC terminal to VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 13.0V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 14.0V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 15.0V.

\* The 13.6V Set Point indicate above is the 'default VSet' (no vehicle PCM input).



## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

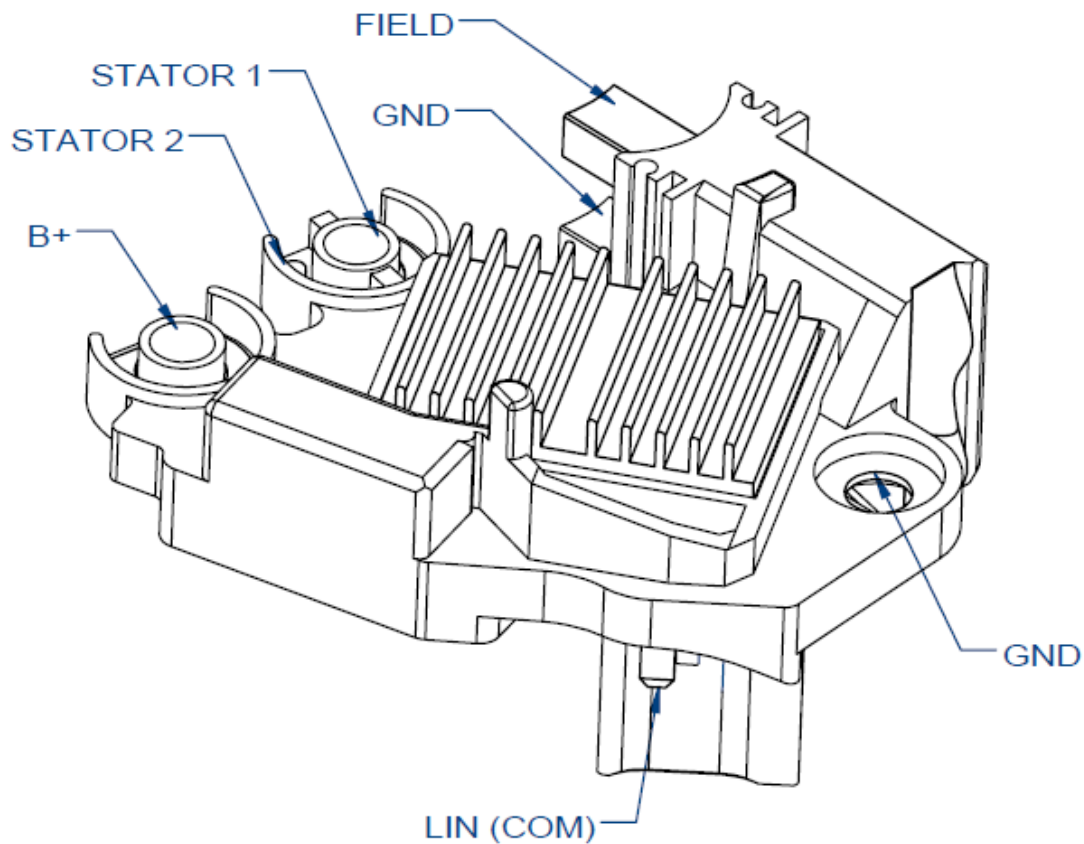
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M591	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.





# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M542	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

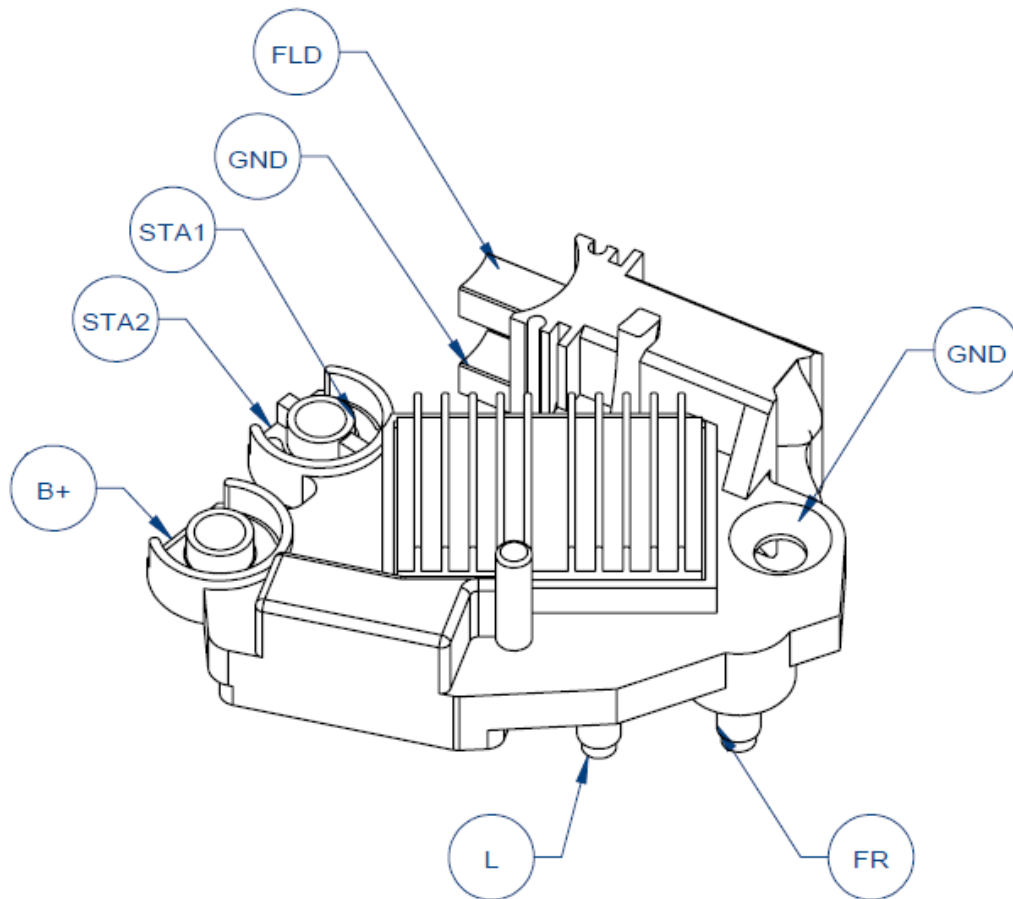
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

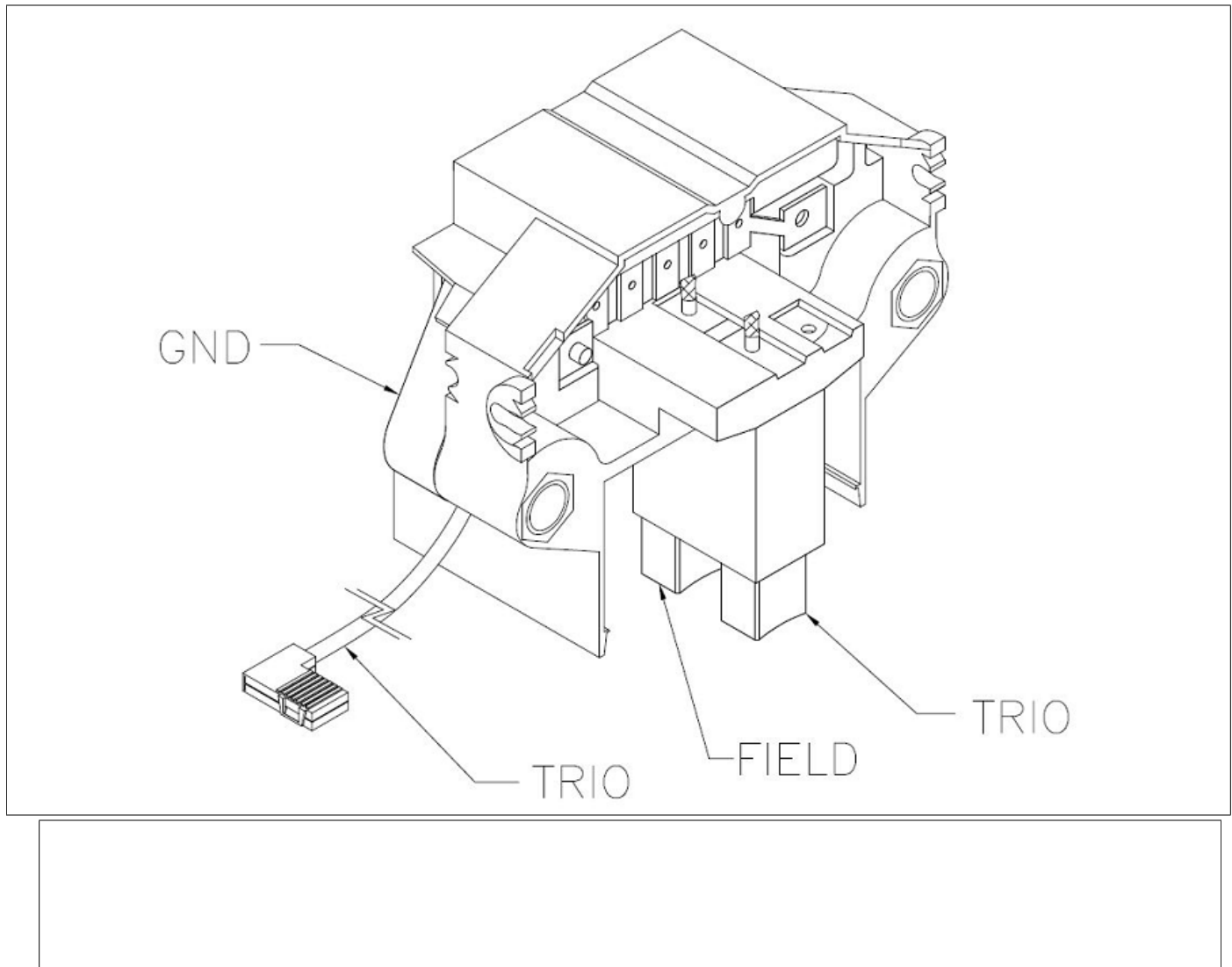


## TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP1903	A	12	14.6				
IP1903V	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.



## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6335CN	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

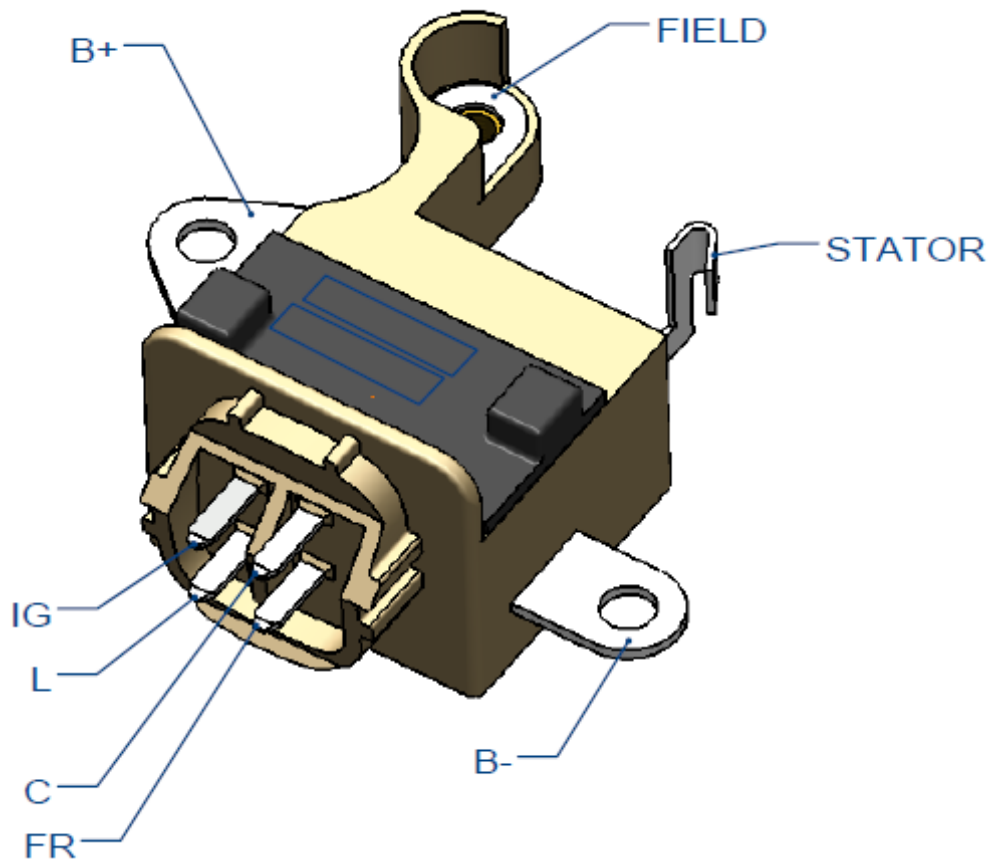
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Connect C to B-, the setpoint should be 12.85+/-0.2V.

Disconnect C, disconnect the Stator terminal and the Lamp should turn ON.



## TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN393	A	12	14.25				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

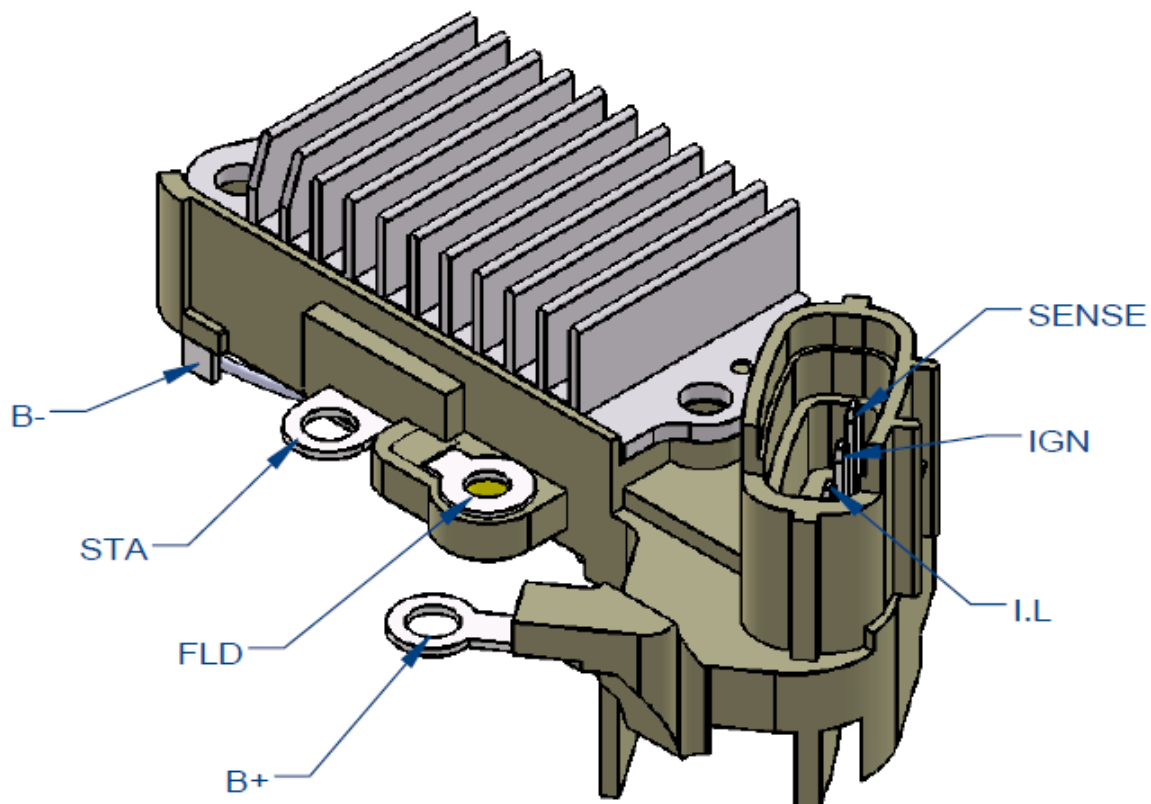
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator, disconnect Sense, the Lamp should turn ON and the set point will be 14.6V +/-0.2V.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN456	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

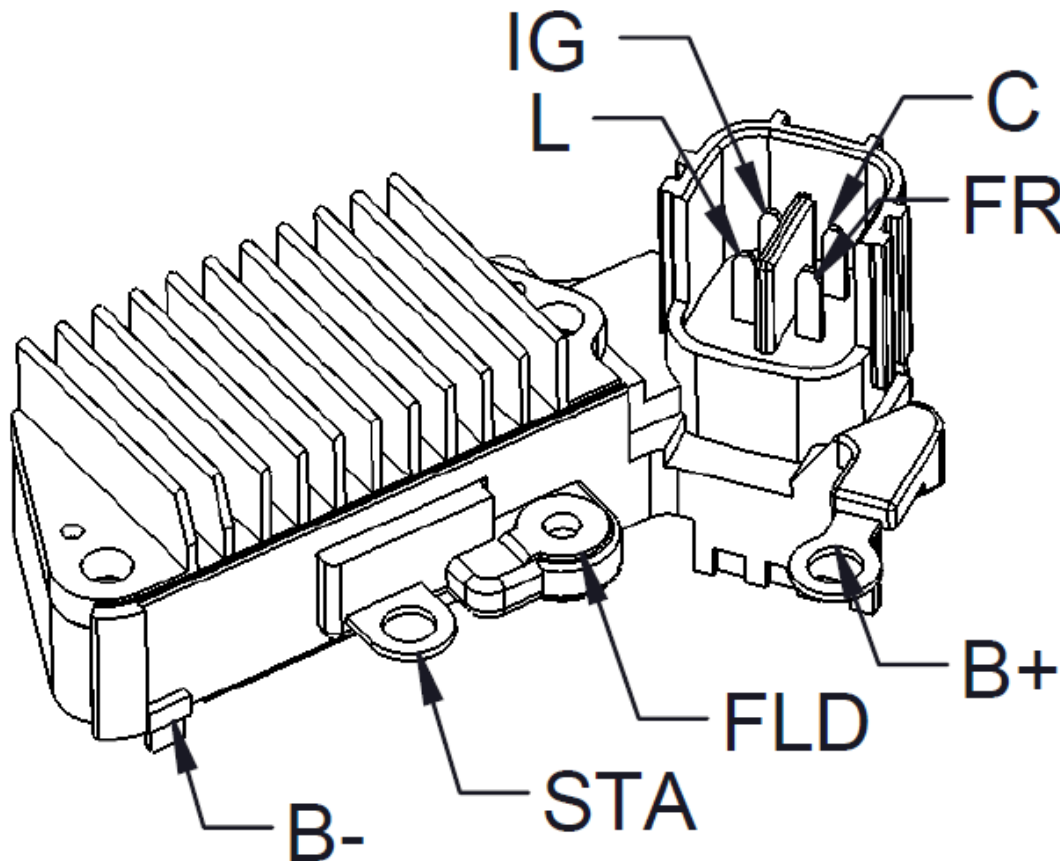
Do not connect the FR and C terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Push the "Over Voltage" switch and the "Lamp Indicator" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect Stator, connect C with GND, the set point will be 12.6V +/-0.2V.



## TRANSPO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M578	B	12	14.6				

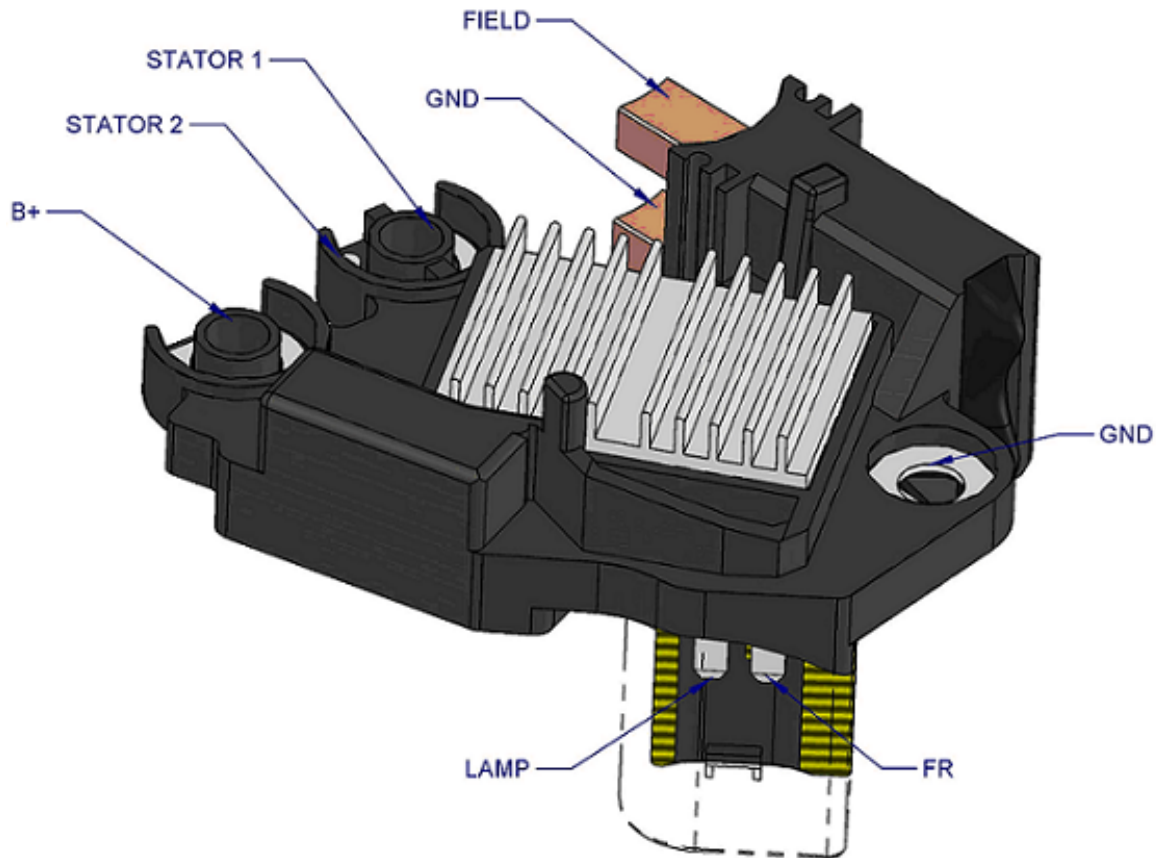
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.



# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

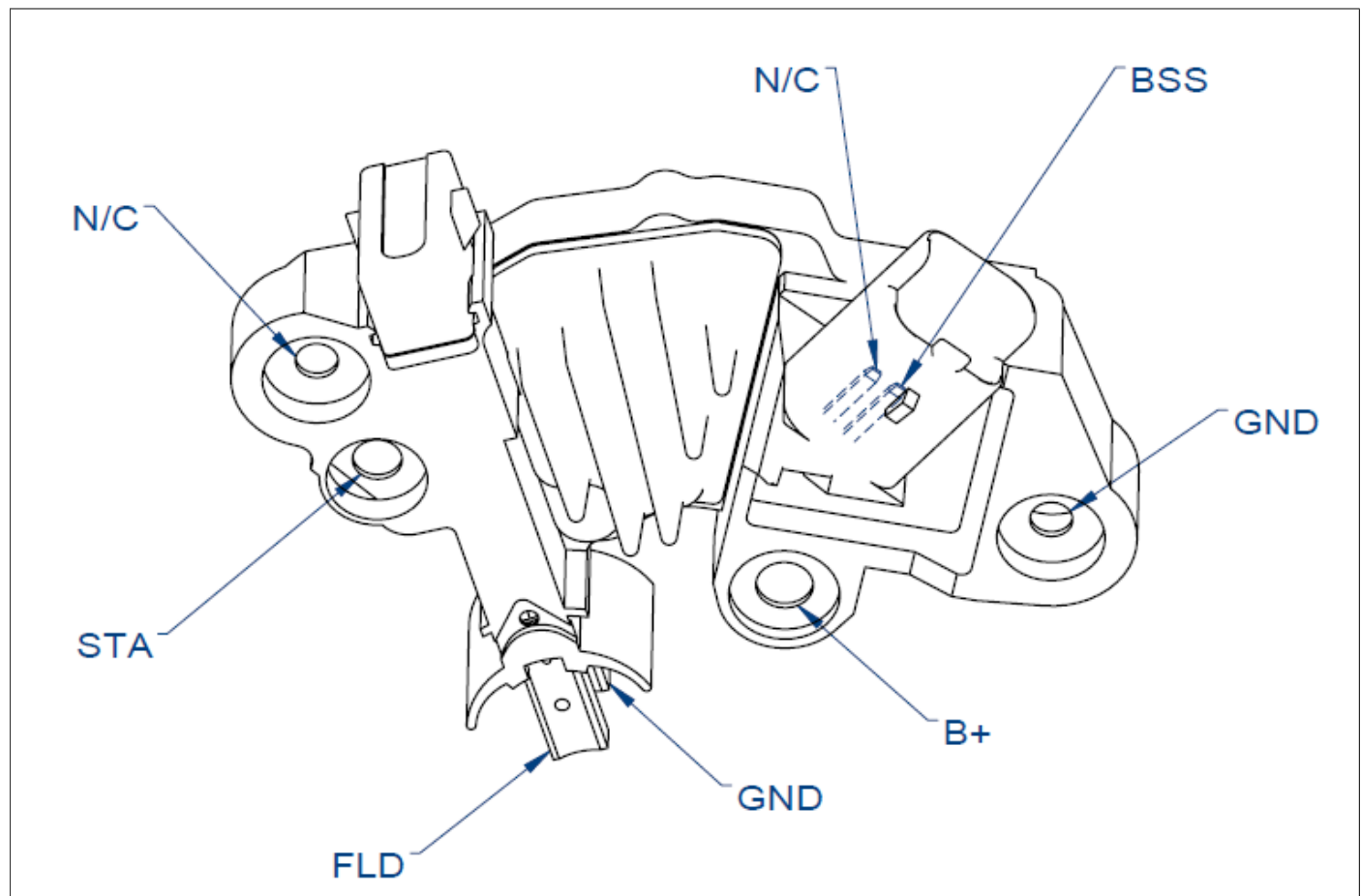
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6066	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM691	A	24	28.5				
IM691HD	A	24	28.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

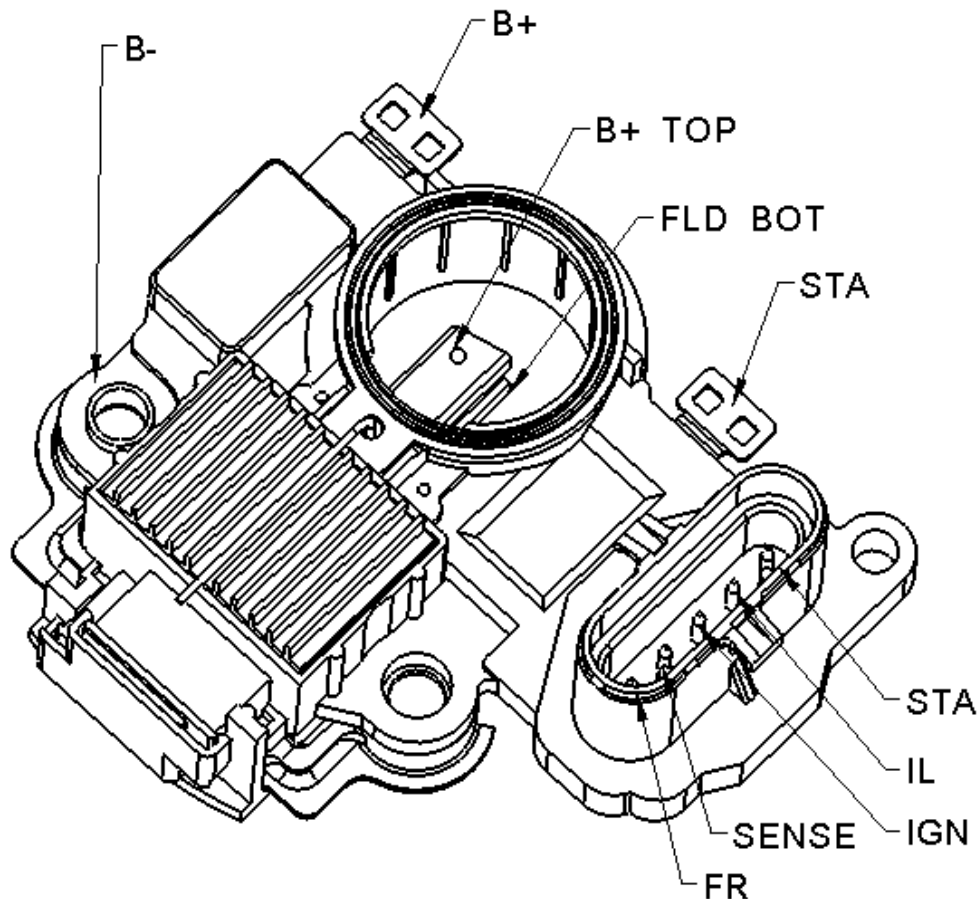
**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Sense, the set point will be 28.5V +/-0.2V.

Reconnect Sense, disconnect the Stator terminal and the Lamp should turn ON.





# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6011	B	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

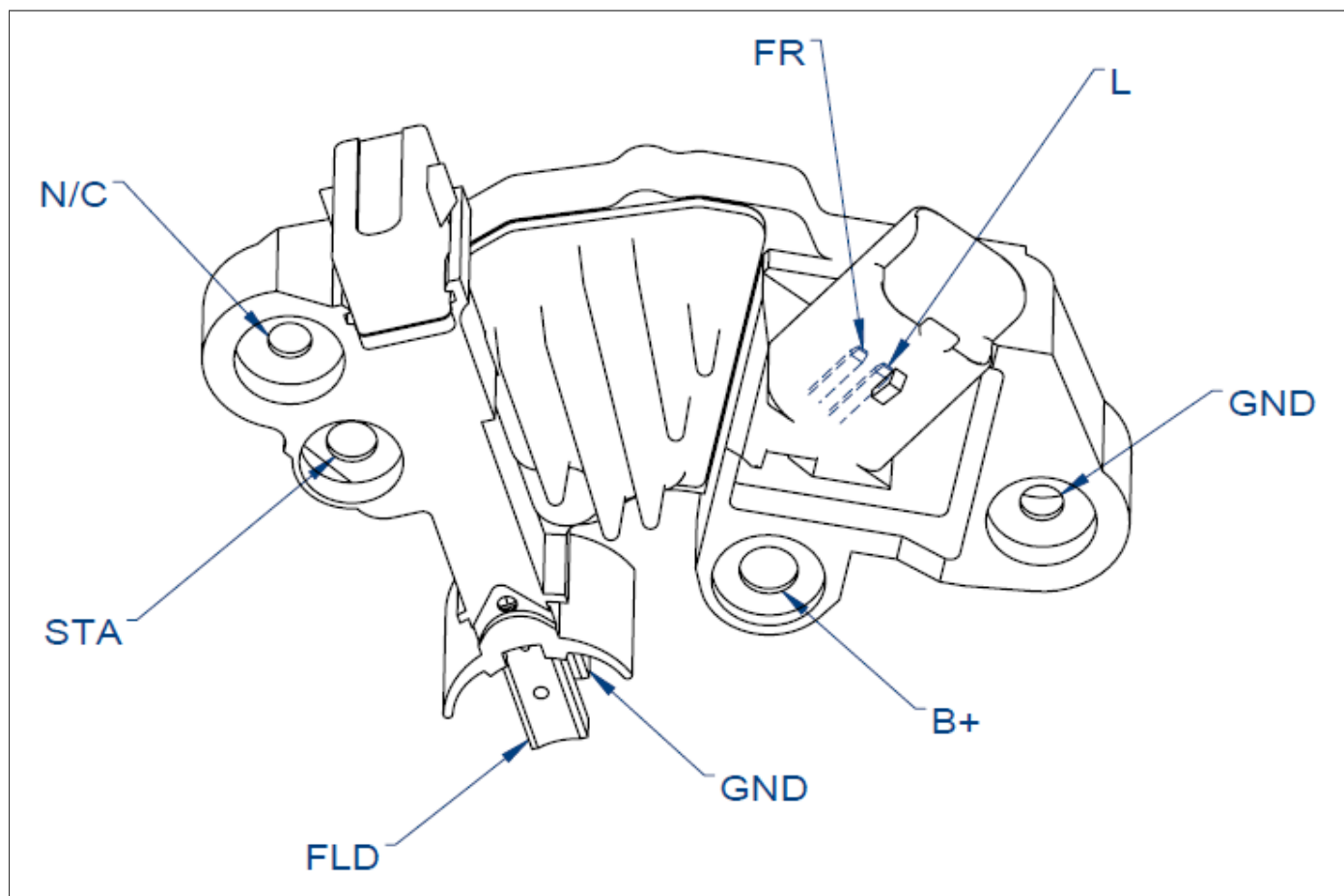
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M521	B	12	14.45				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

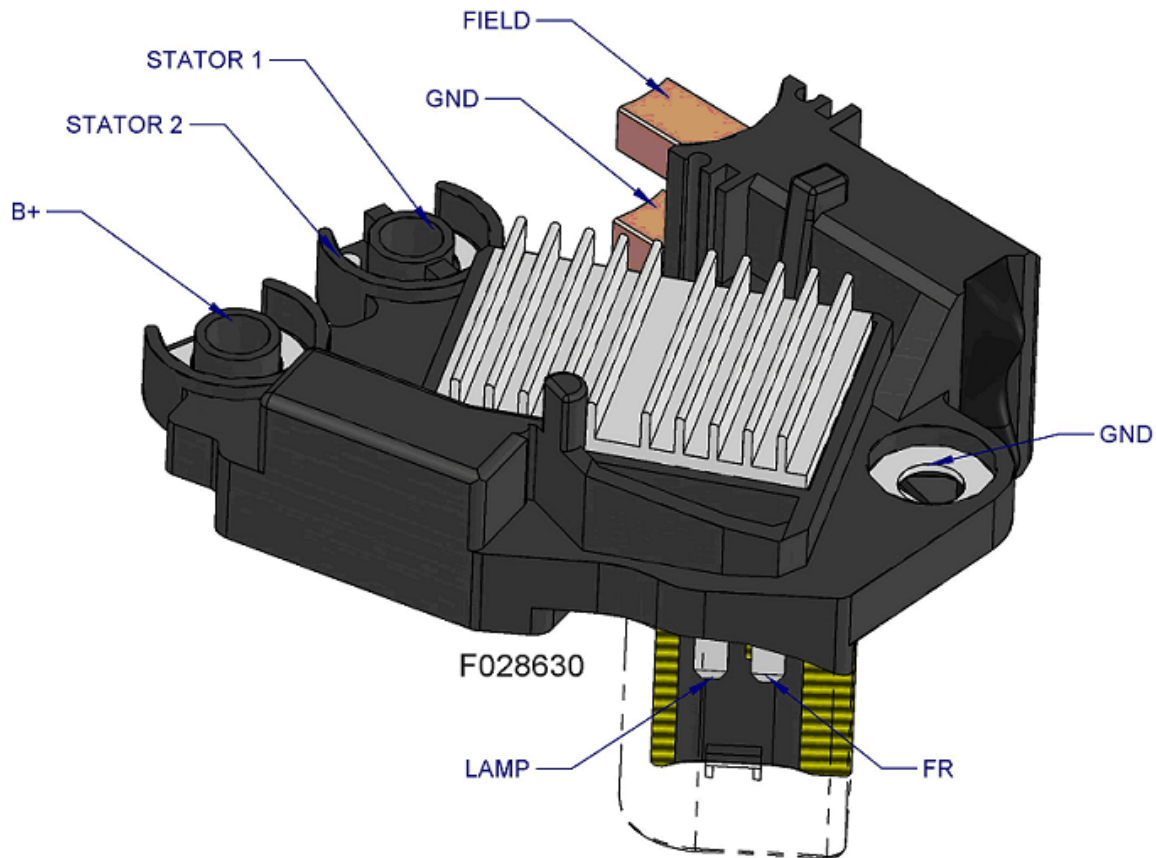
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

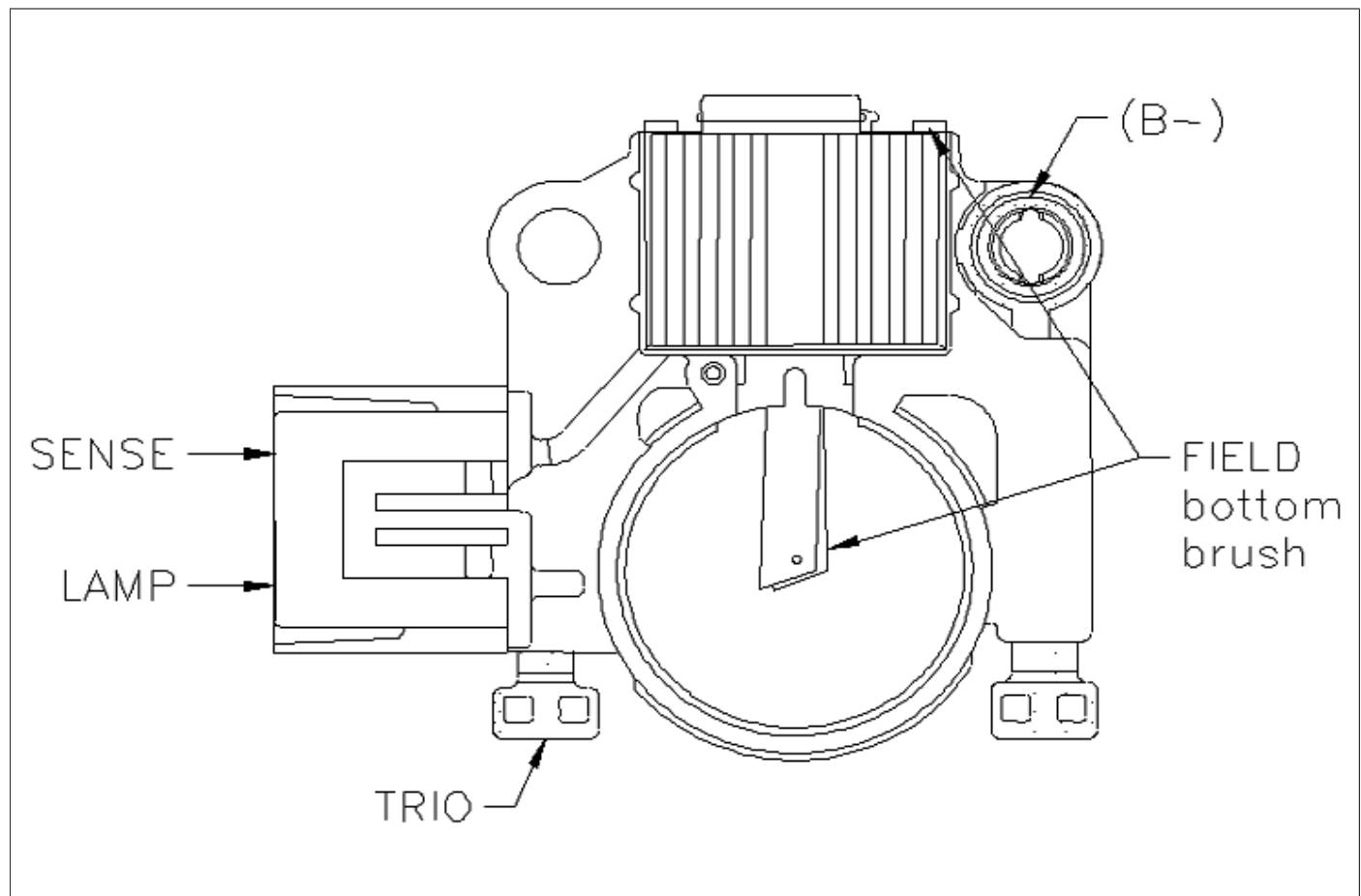


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM847	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Sense, the set point will be 15.5V +/-0.3V.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB276	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

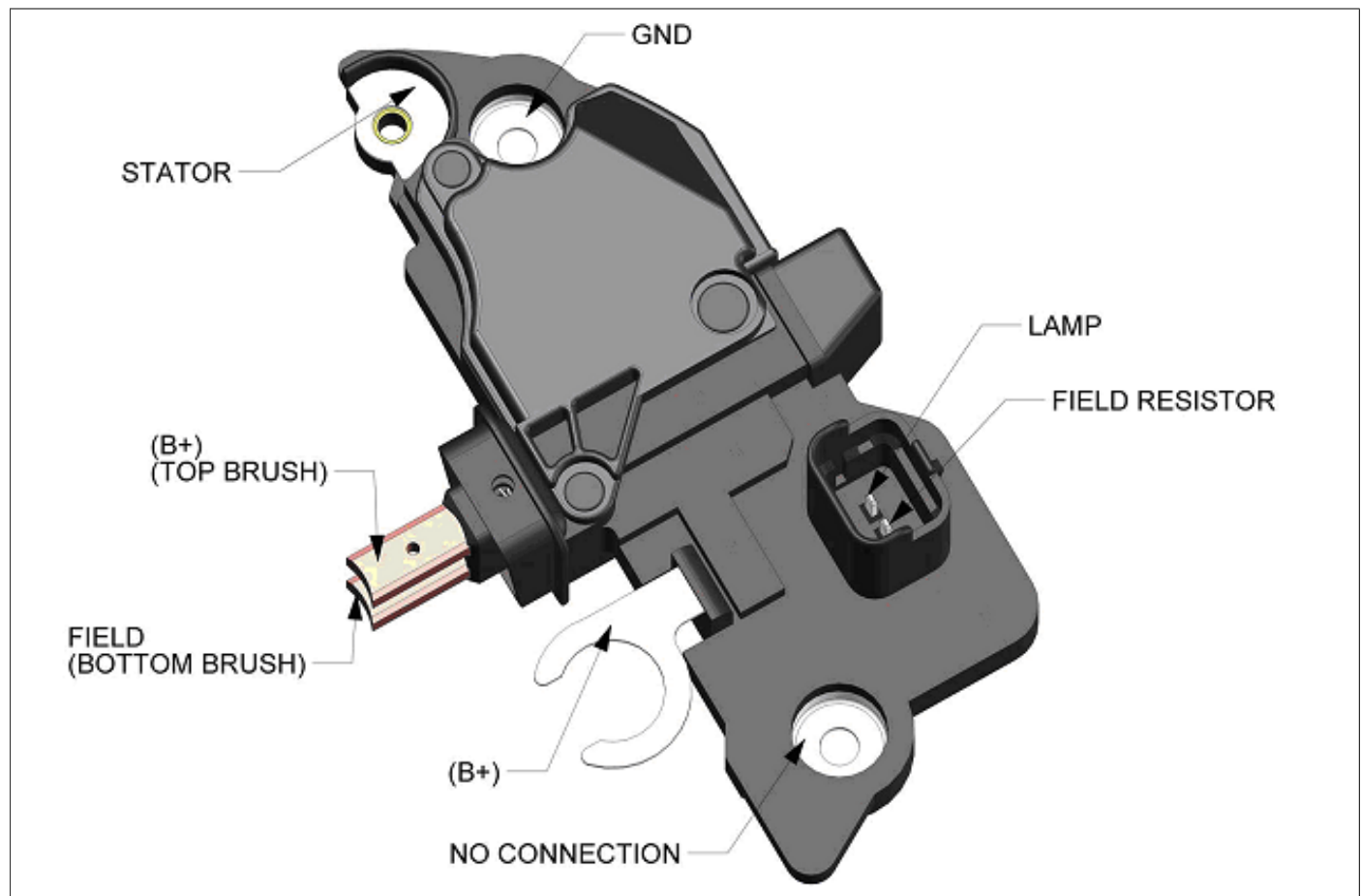
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

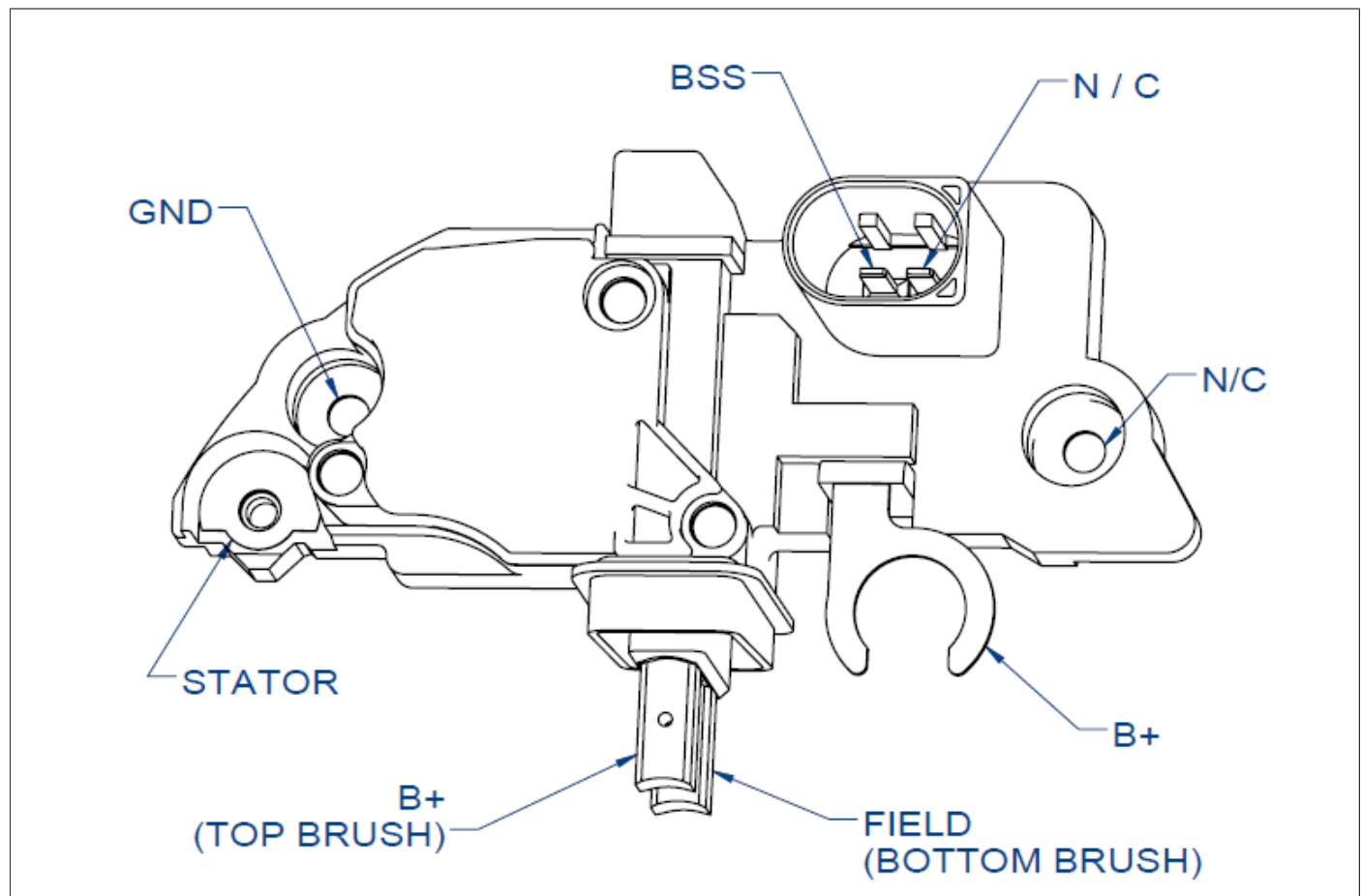
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB678	A	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB510	A	12	14.3				

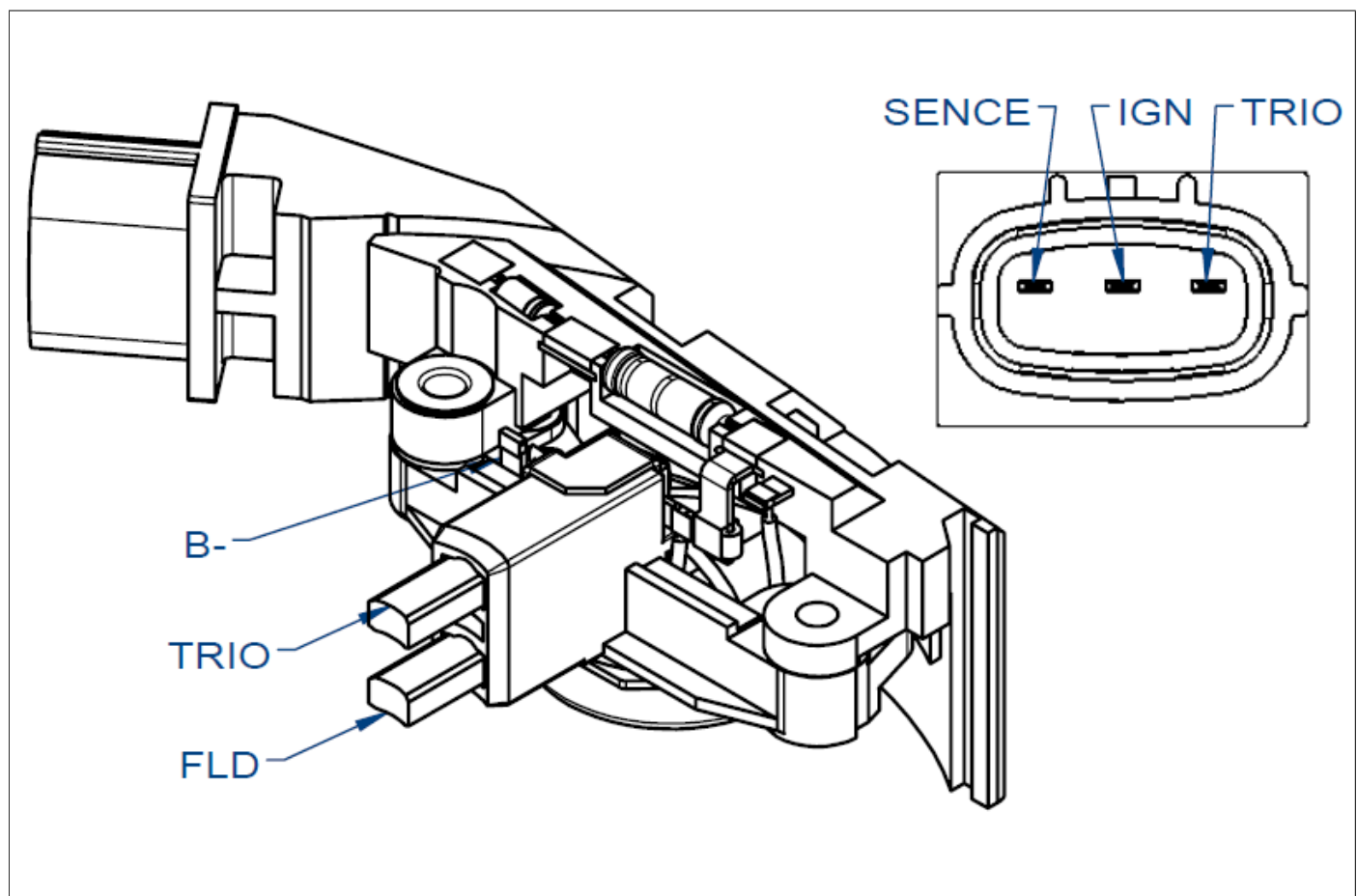
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect TRIO to B+.

Disconnect the Sense, the set point will be 14.5V +/-0.3V.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M547	B	12	14.6				

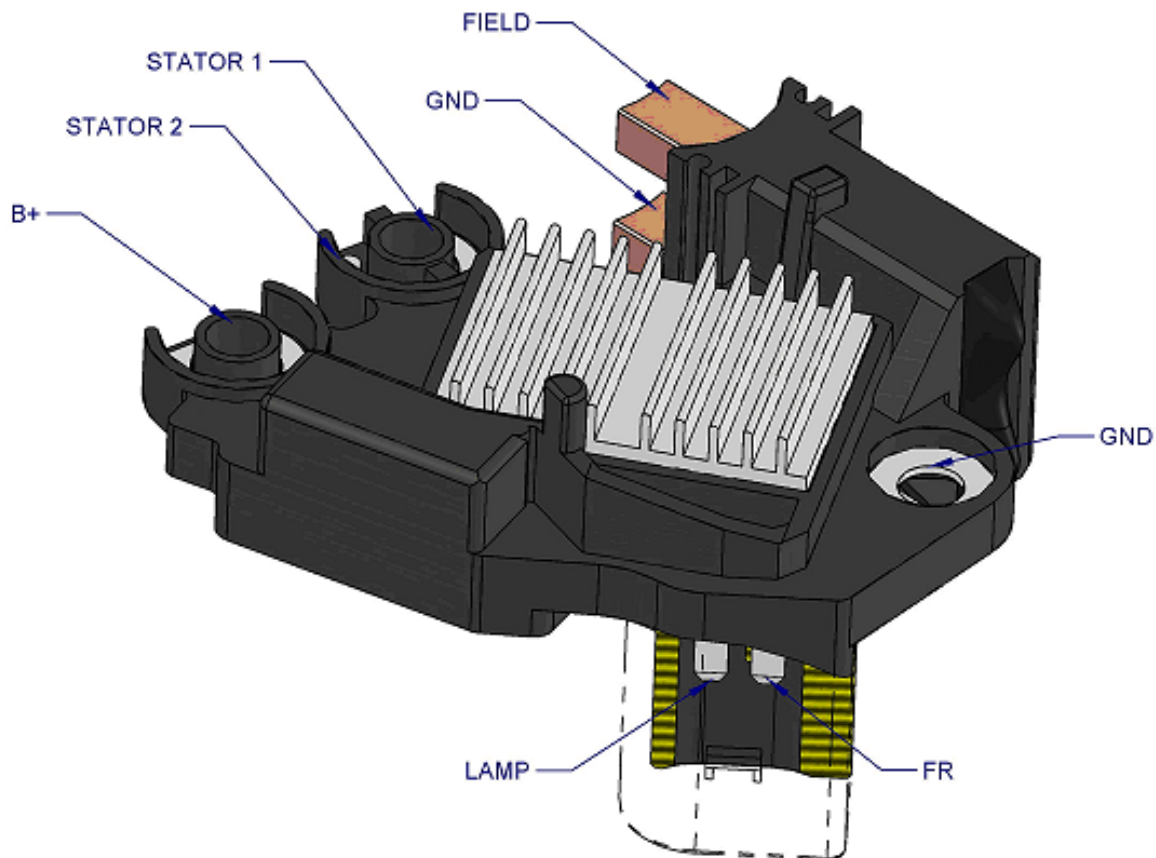
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.



# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

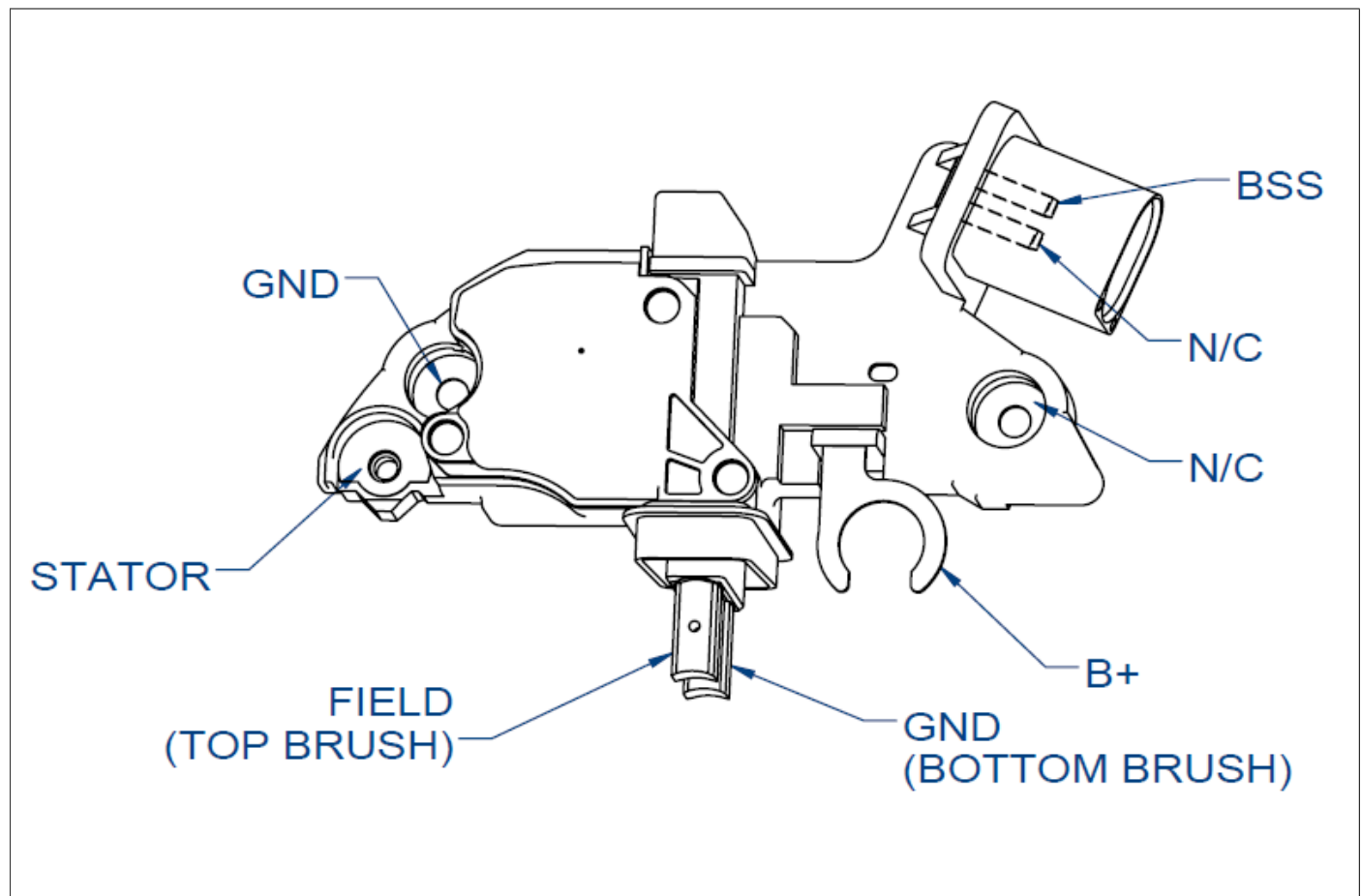
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB262	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.





# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

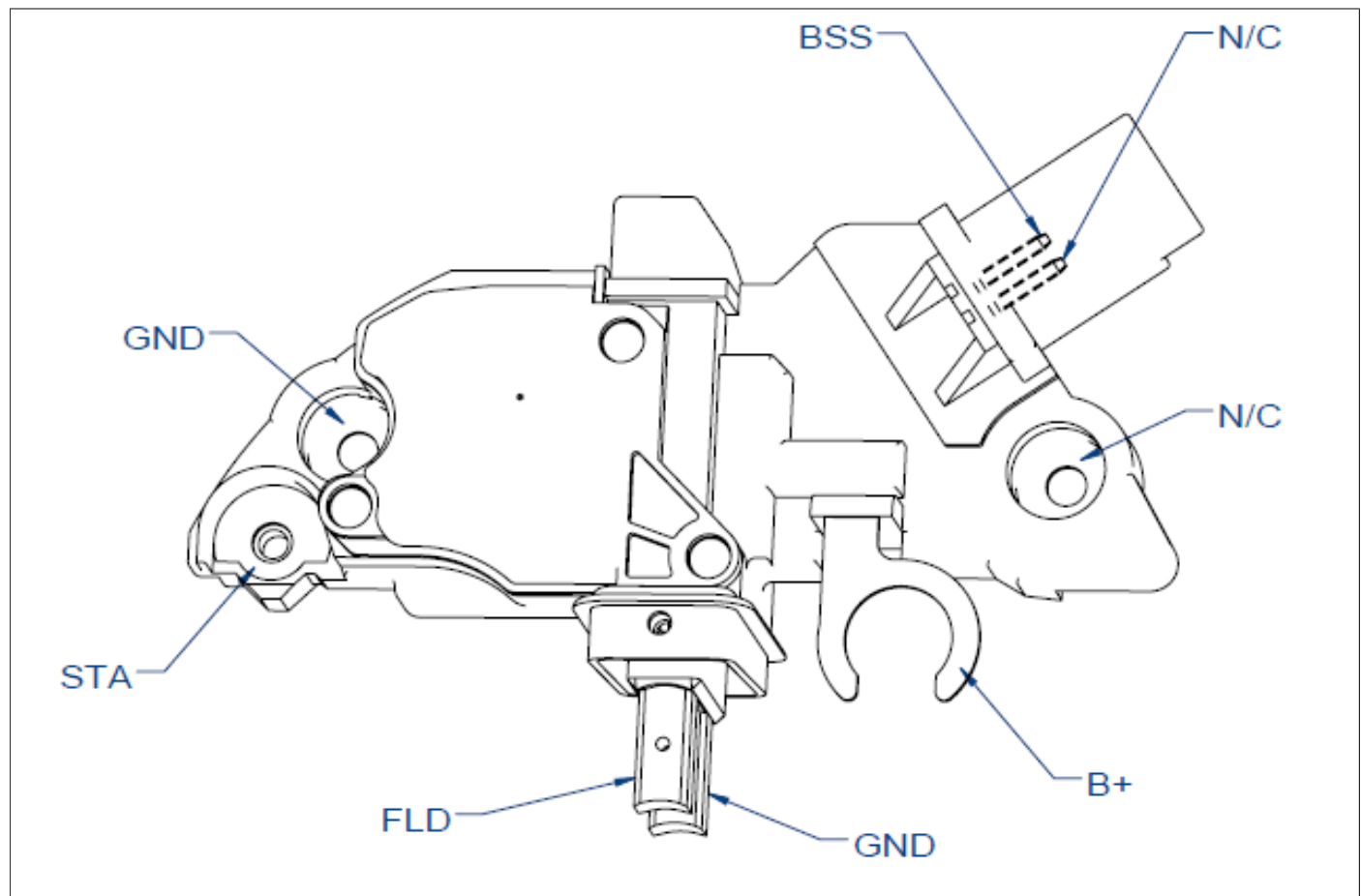
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6866	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.

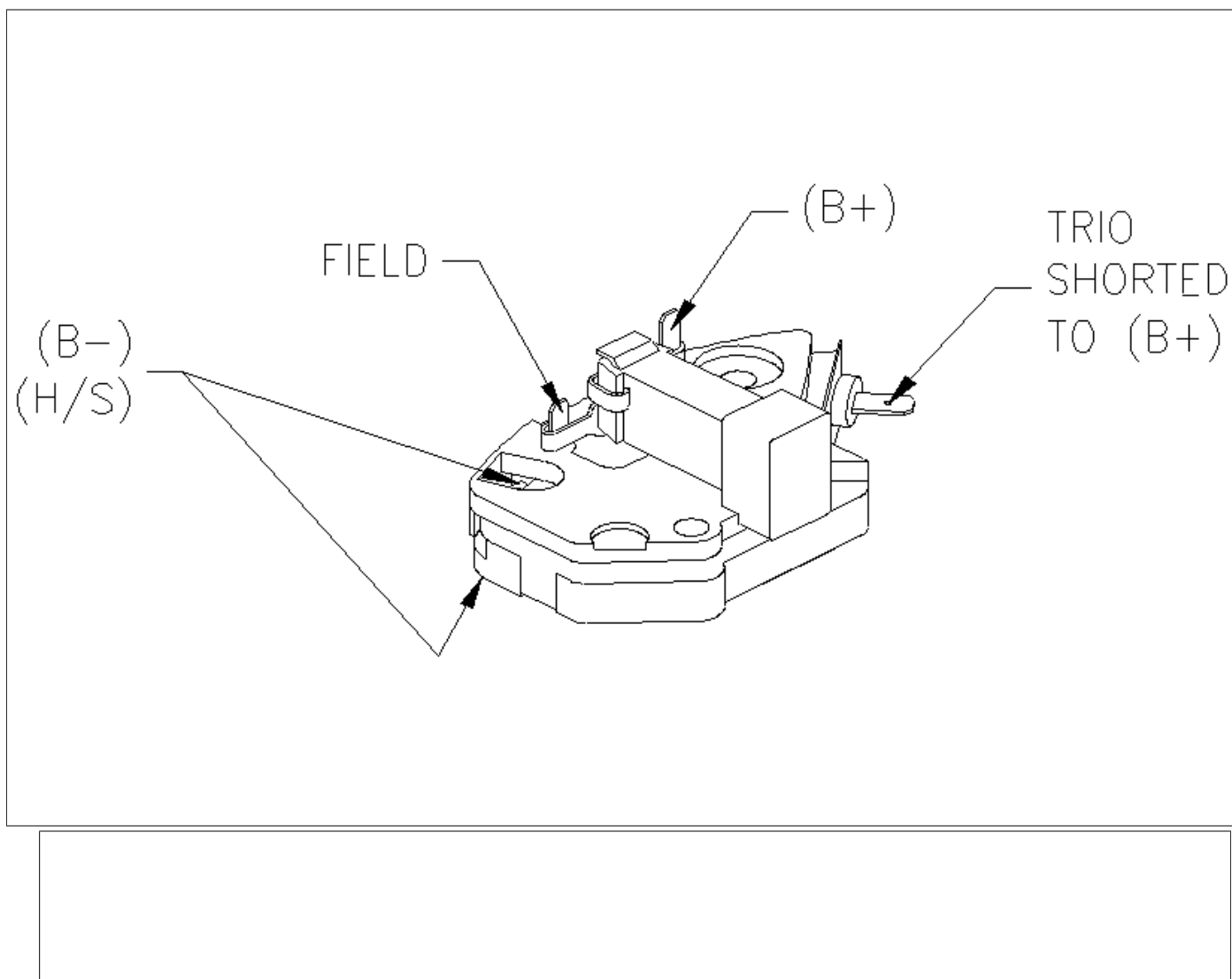


# TRANSPO TESTER INSTRUCTIONS

for LUCAS type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL225	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

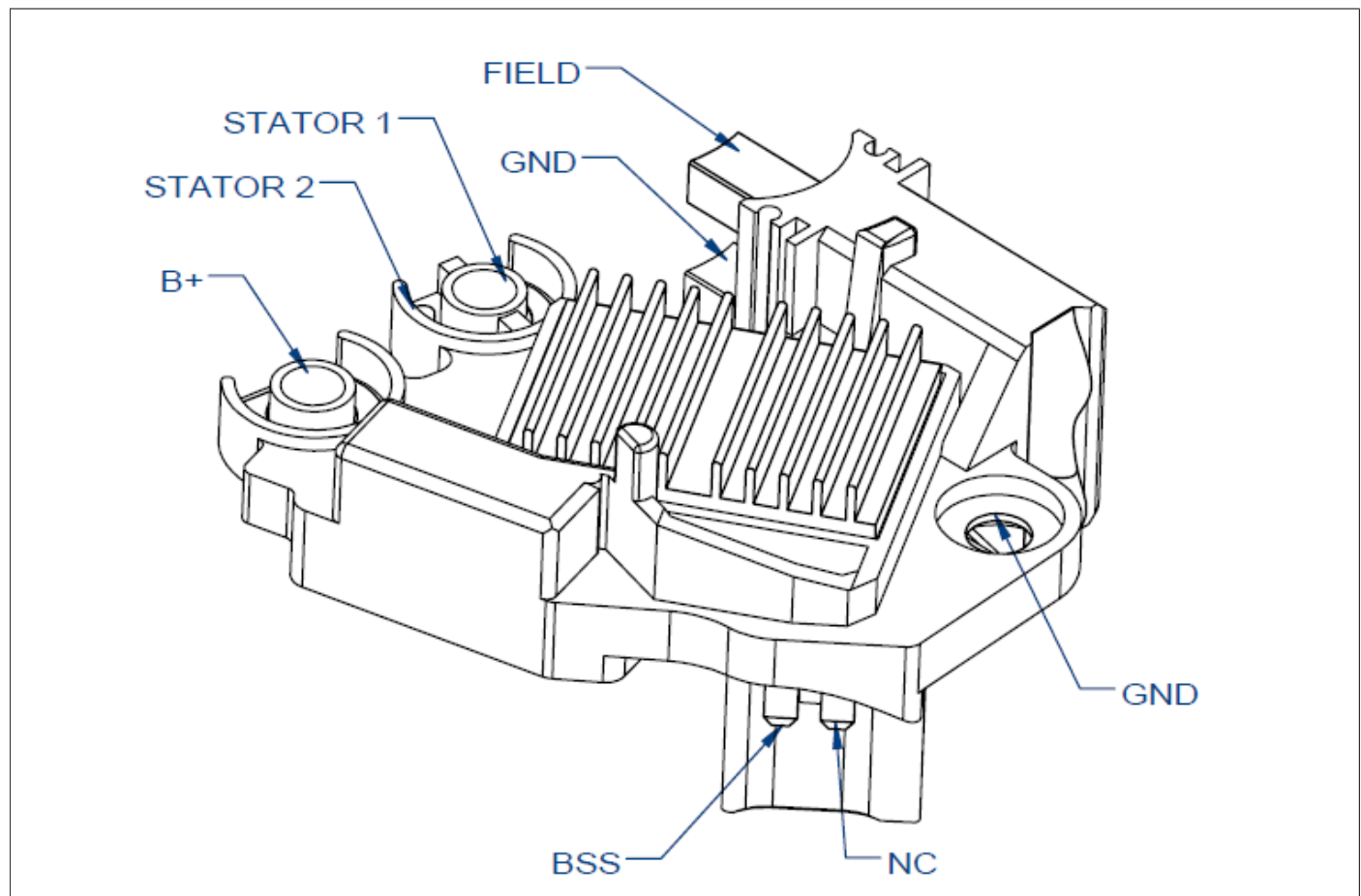
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M545	B	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D805	B	24	28.3				

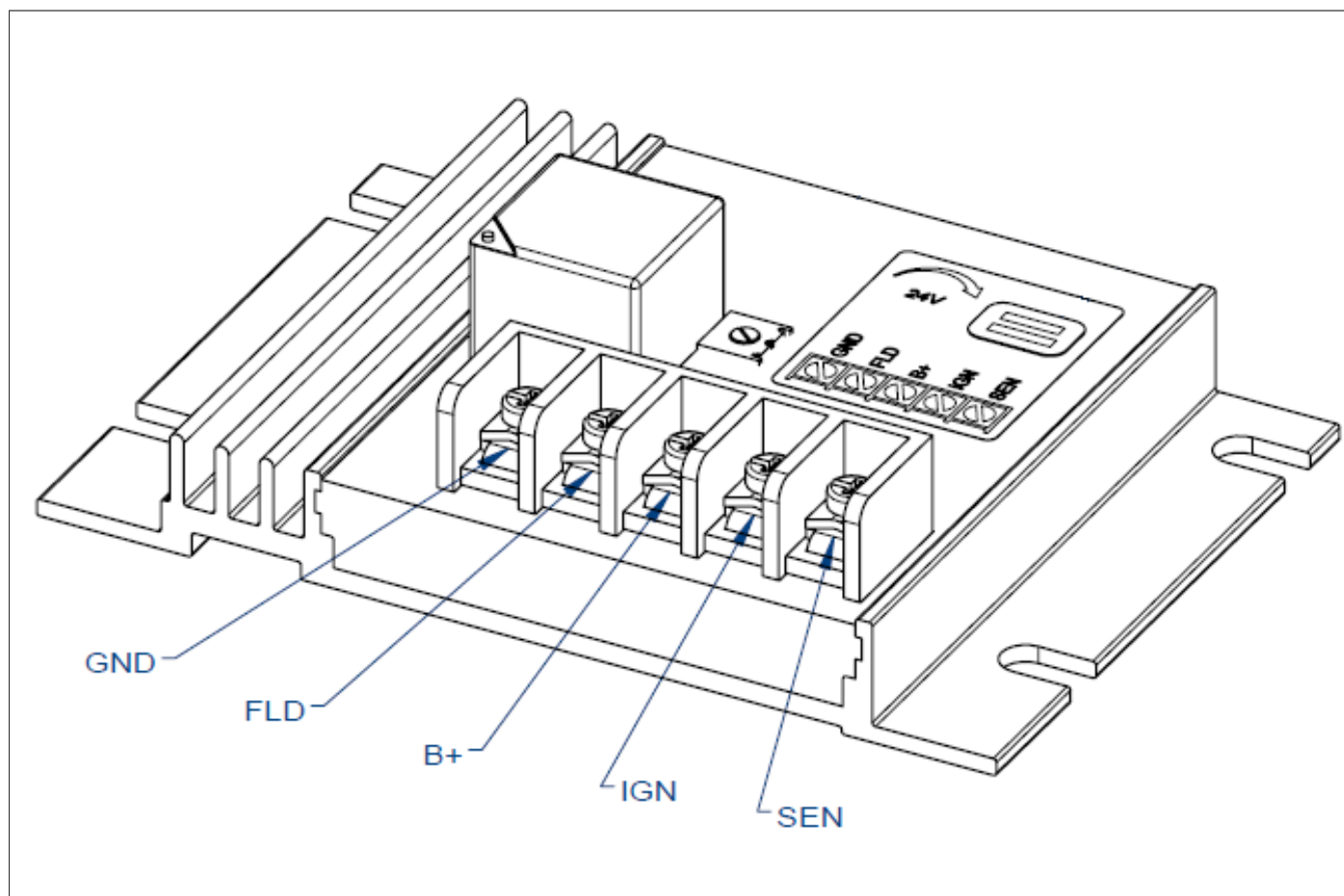
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Disconnect the Sense, the set point will be 28.3V +/-0.3V.

Disconnect the IGN, the regulator should stop works.

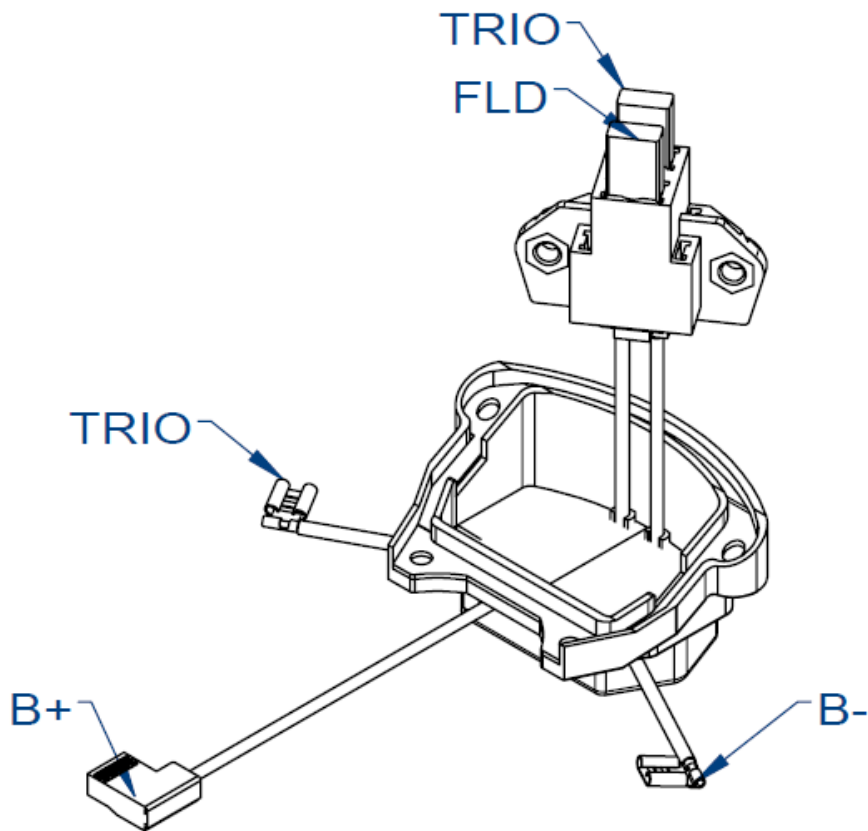


# TRANSCO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP135BNV	A	12	14.3				
IP135BN	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.

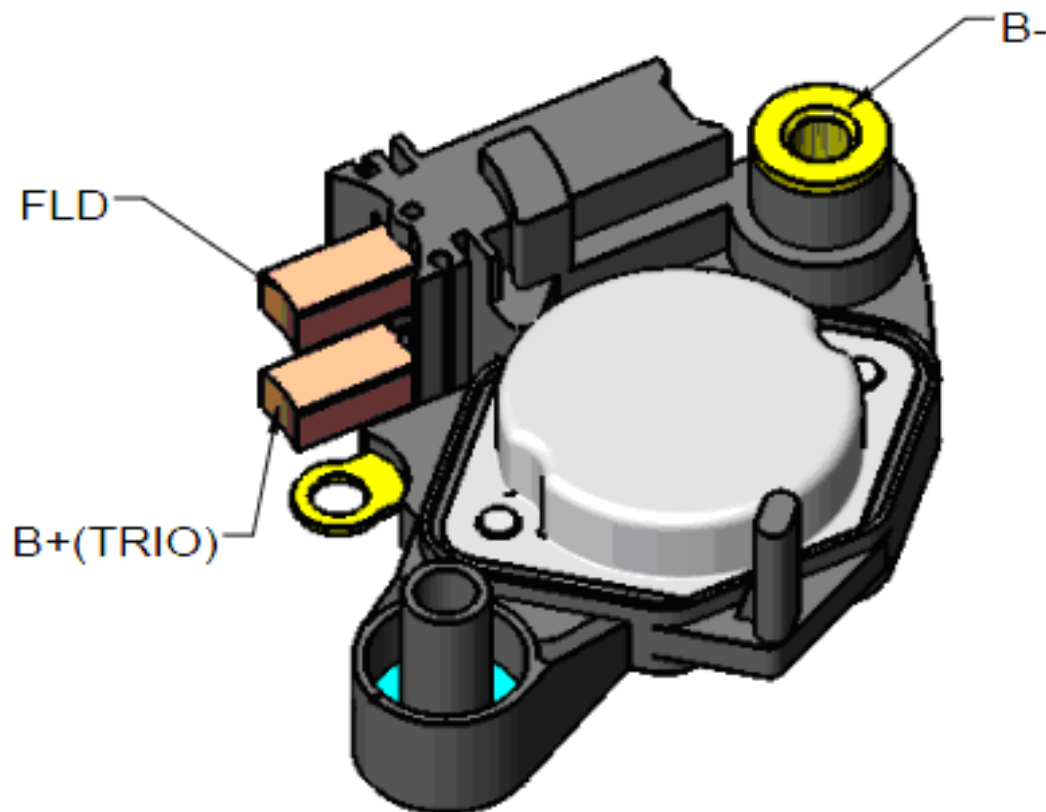


## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M511V-G64	A	12	14.15				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.

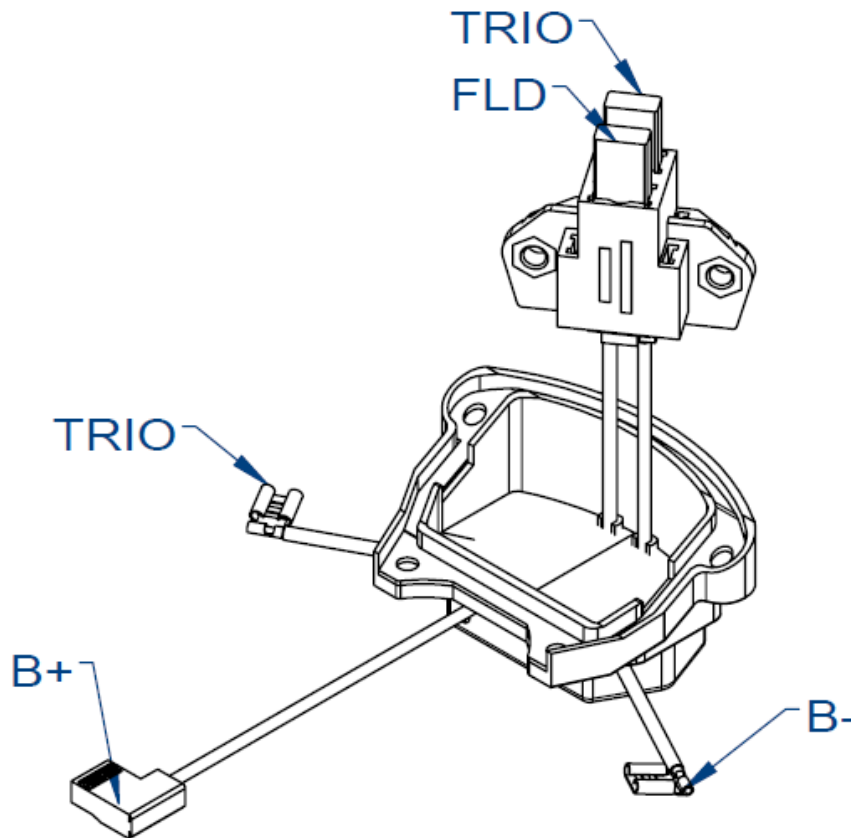


## TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP729BNV	A	24	28.5				
IP729BN	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.

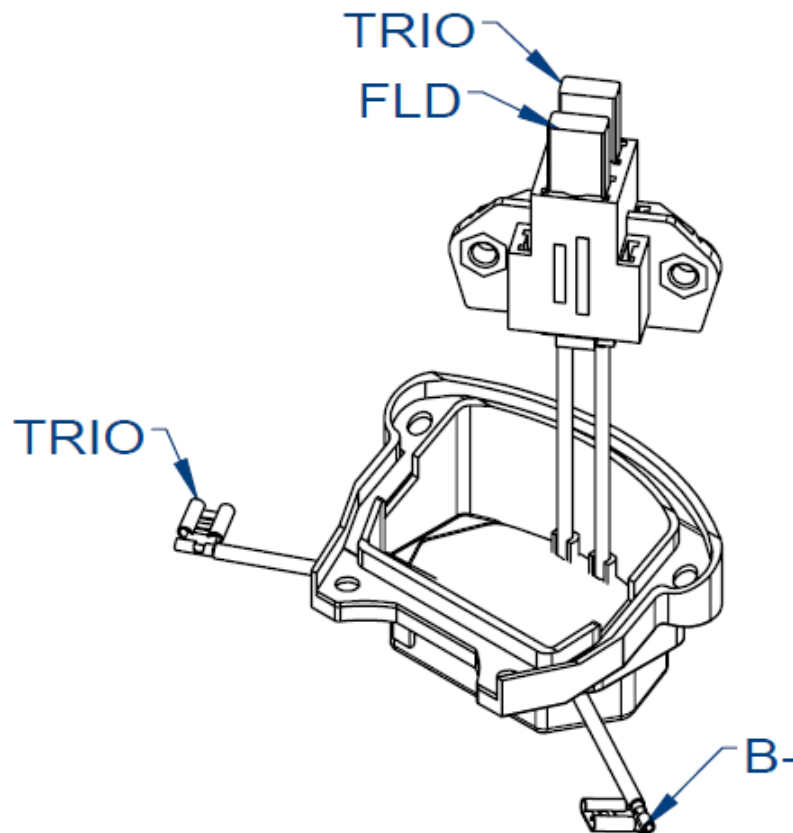


## TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP129BNV	A	24	27.5				
IP129BN	A	24	27.5				
IP129BN-285V	A	24	28.5				
IP129BN-285	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.





# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

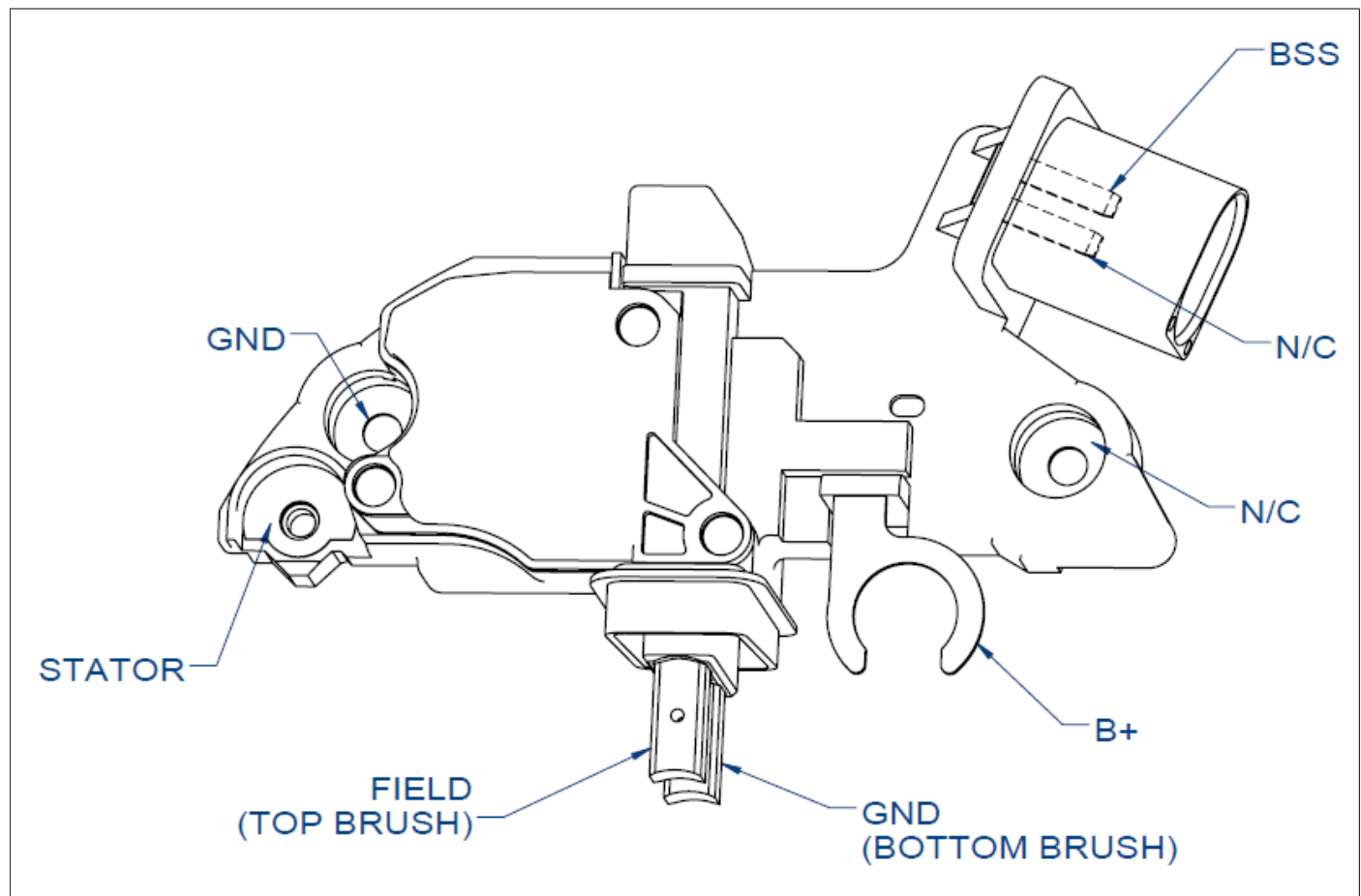
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5881	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

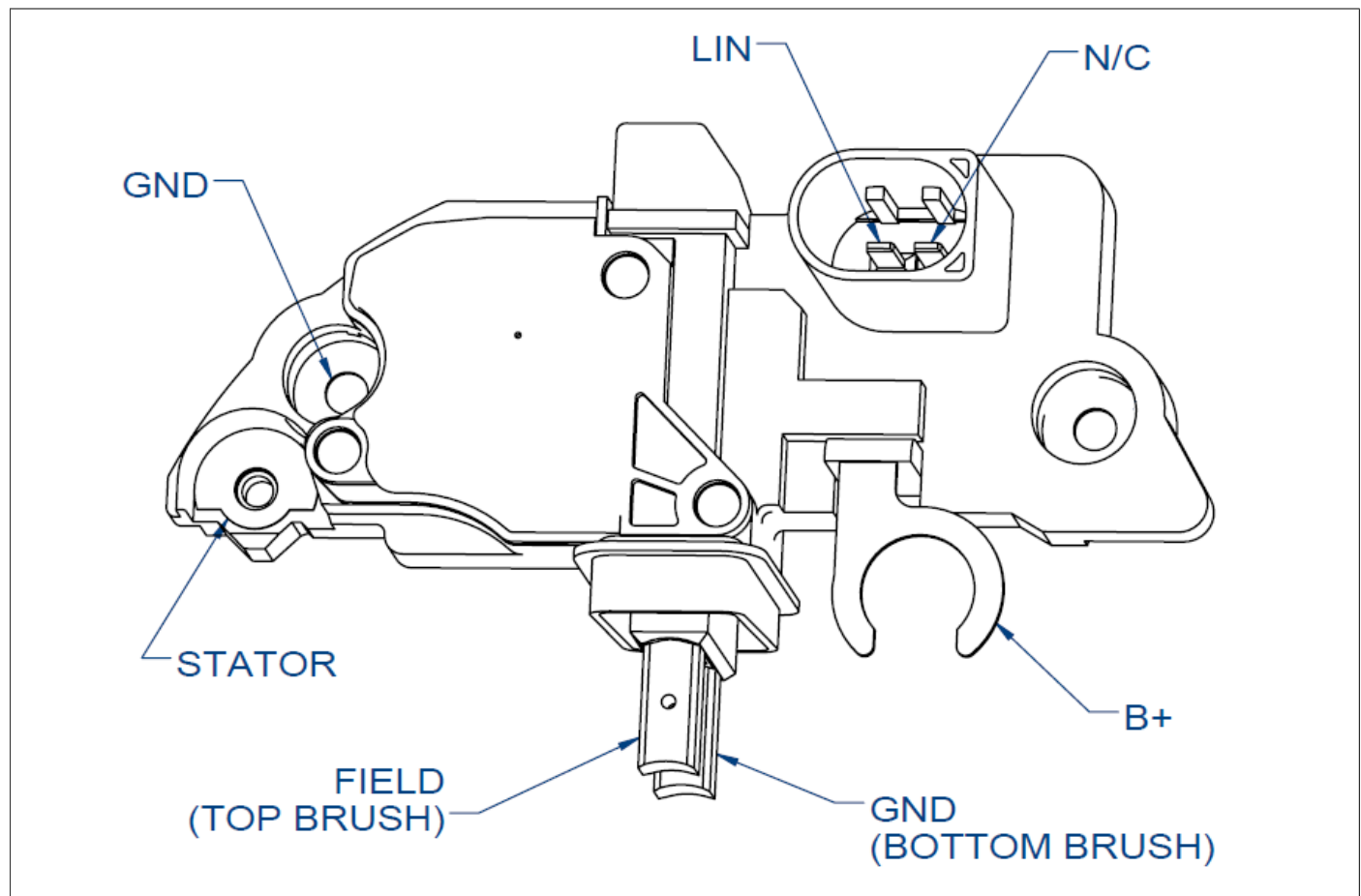
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6150	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.

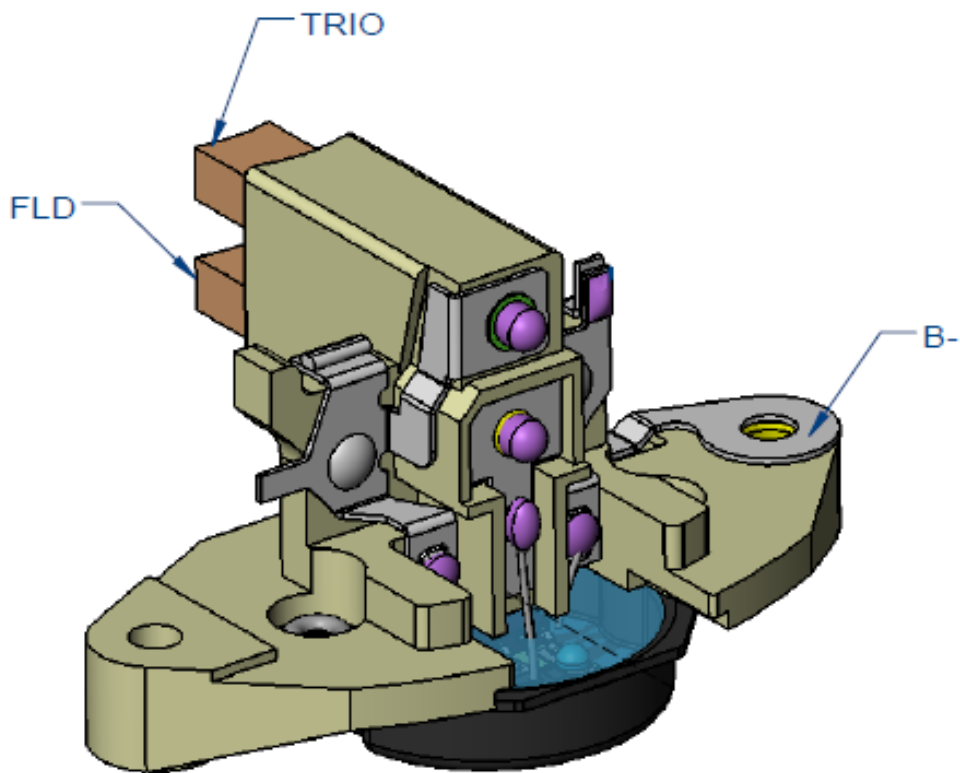


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB363T	A	24	28.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.

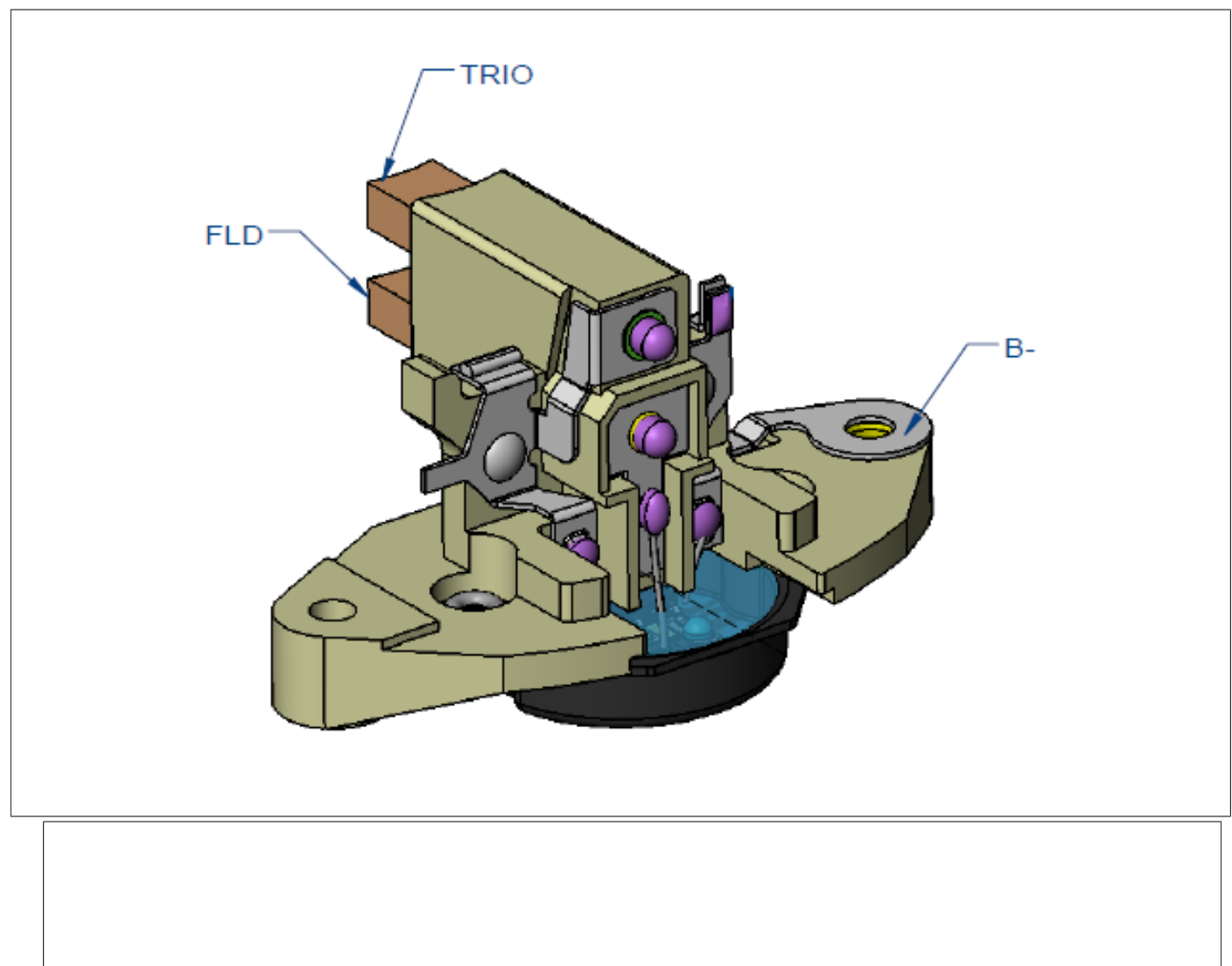


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB351T	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.

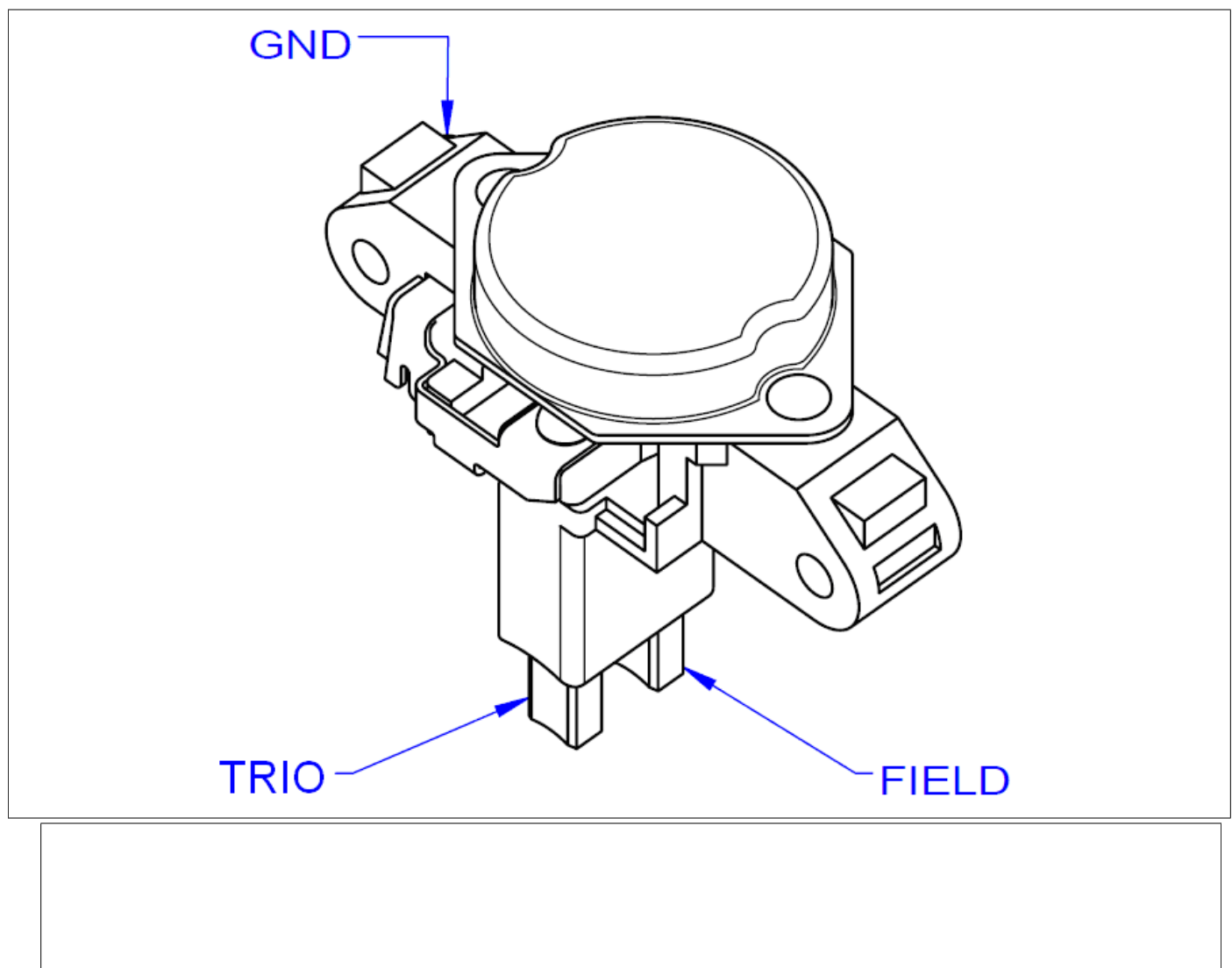


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB387T	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.

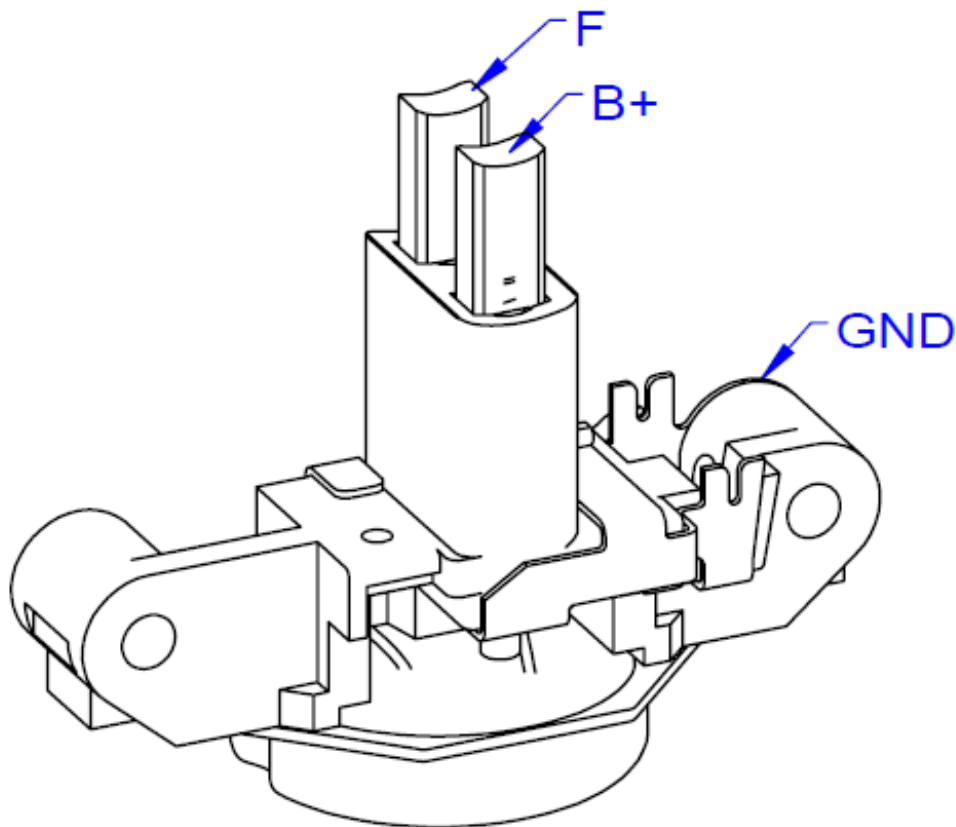


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB385T	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect TRIO to B+.

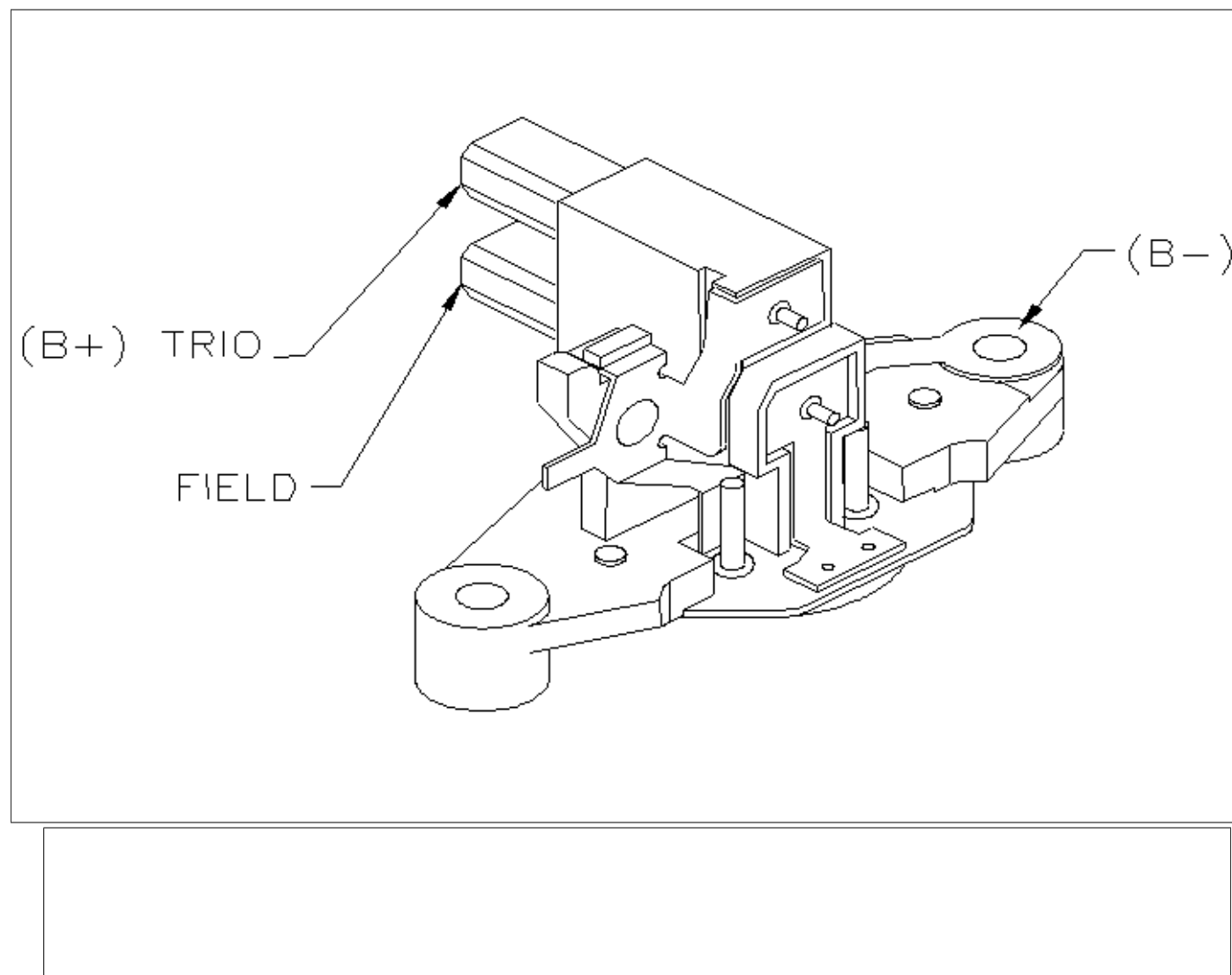


## TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB350T	A	12	14.2				
IB353T	A	12	14.5				
IB355T	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

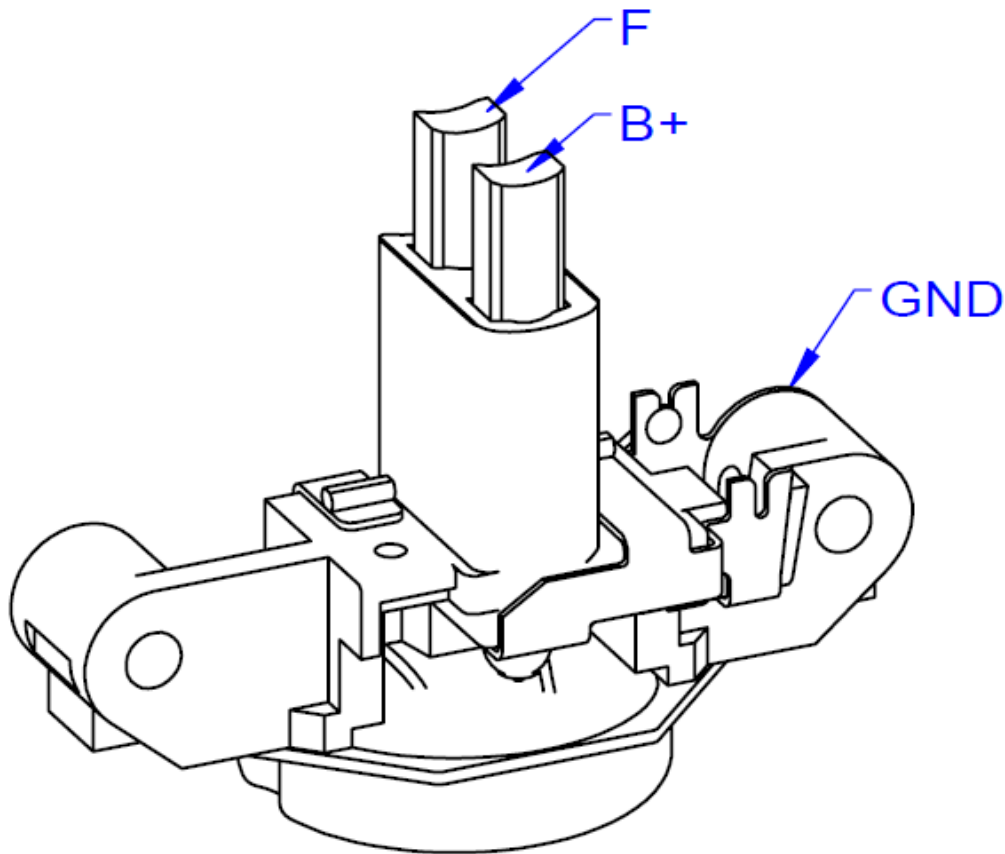


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB388T	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5225	A	12	14.5				

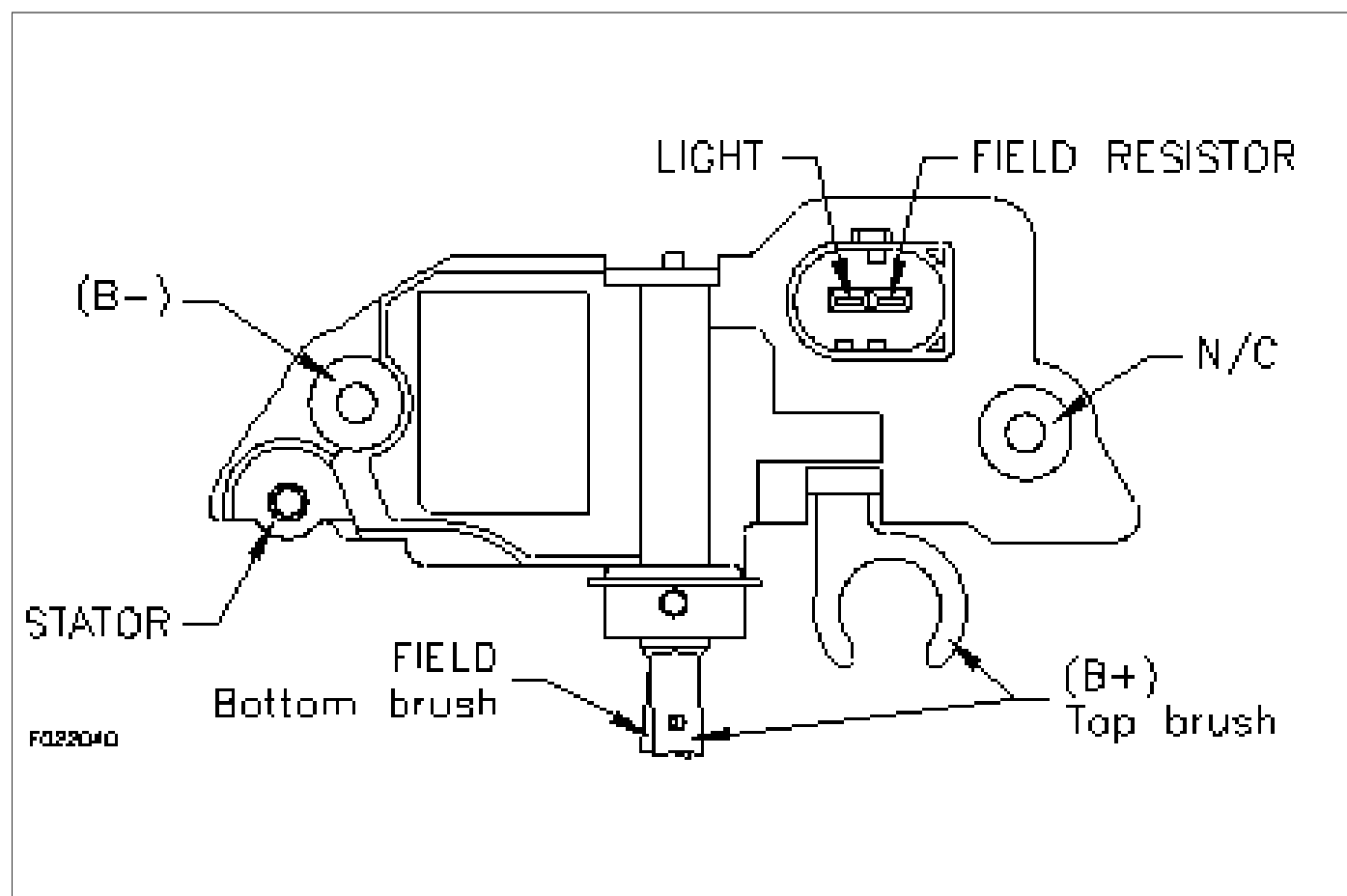
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Do not connect the FR terminal.

- Push the Choke switch and the "Choke Drive" will turn on.
- Remove white test lead from terminal marked "Stator" - the Field light and Lamp will come on and Voltage will show 12 volts.
- Remove green test lead from "light" terminal , field light will go out and voltage stays at 12 volts.



## TRANSCO TESTER INSTRUCTIONS

for Bosch type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB543	B	24	28.3				

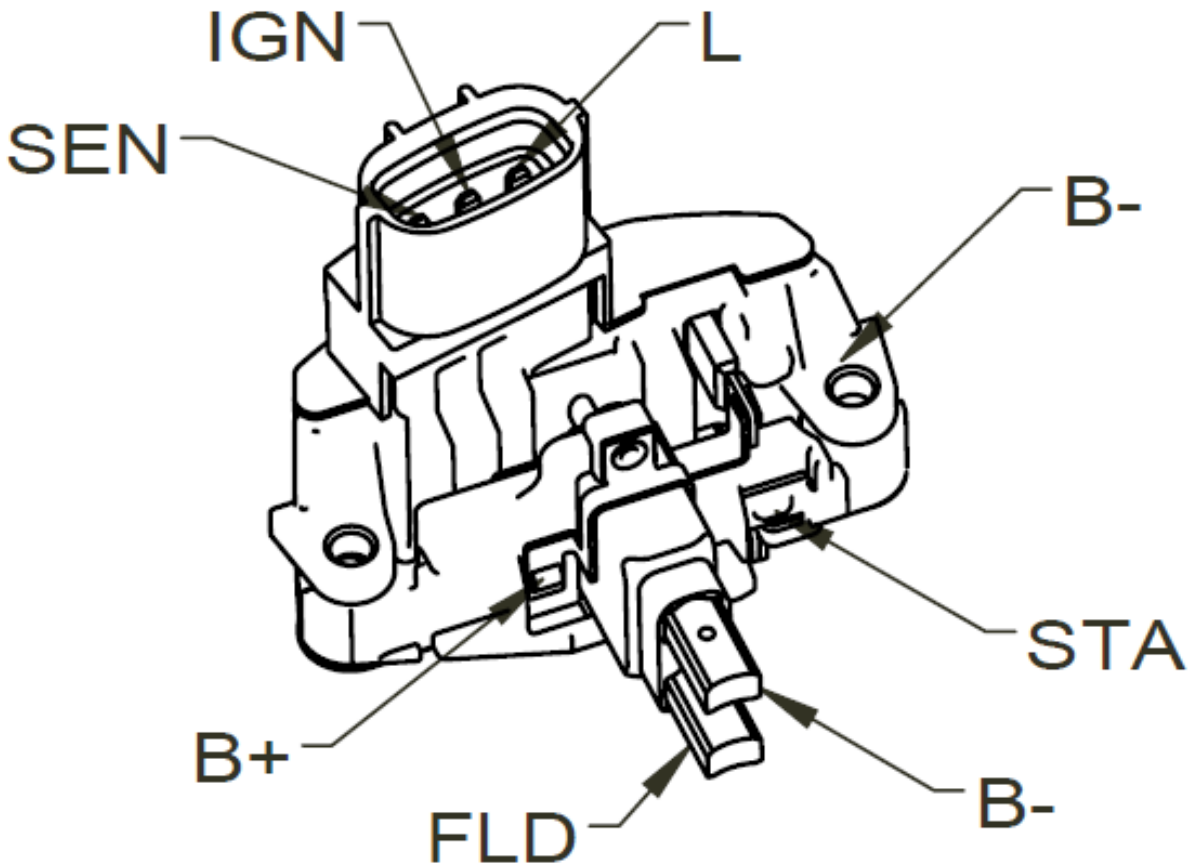
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator terminal, disconnect the Sense, the Lamp should turn ON.

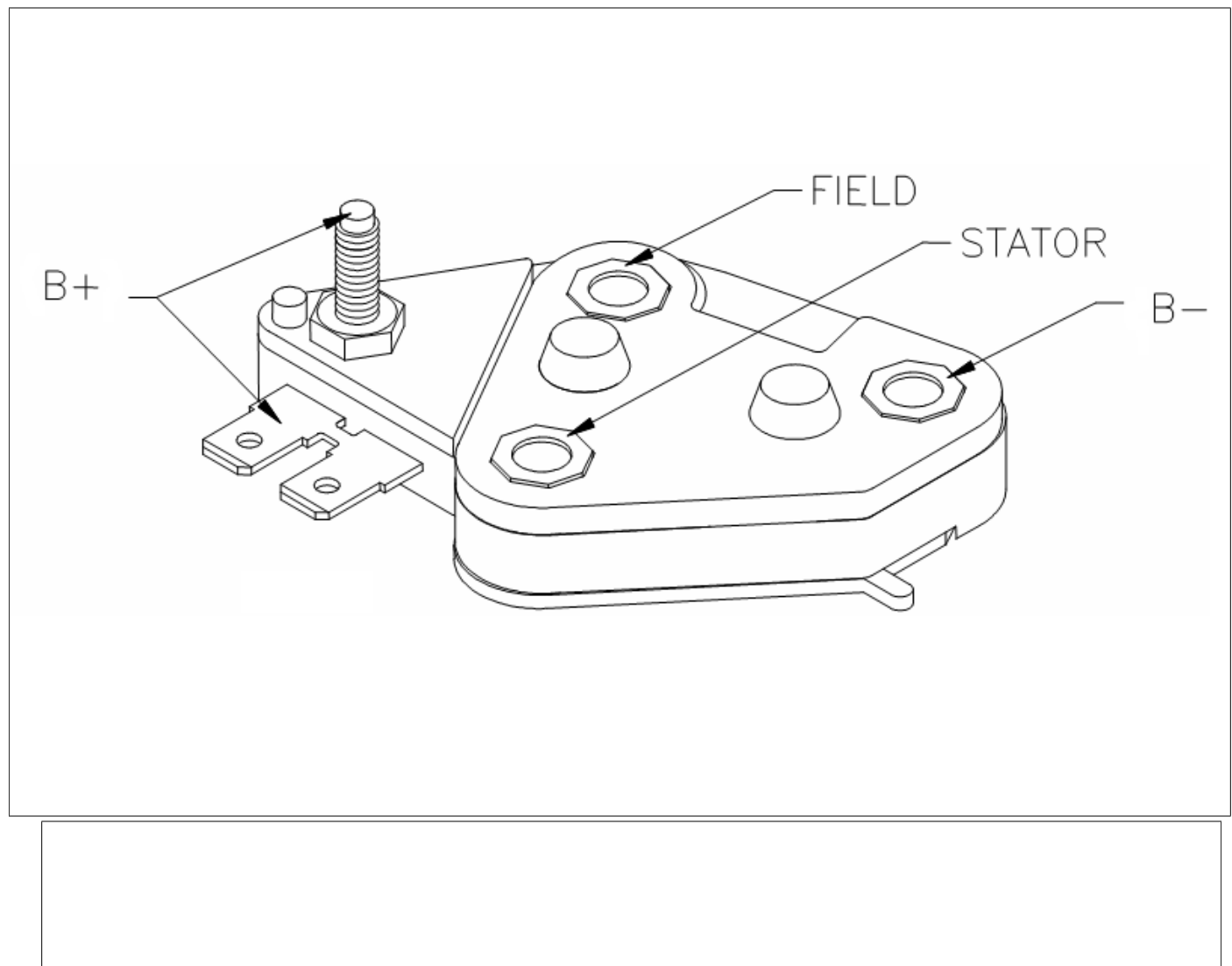


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D10ACBD	B	12	14.0				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal, the regulator should stop works.

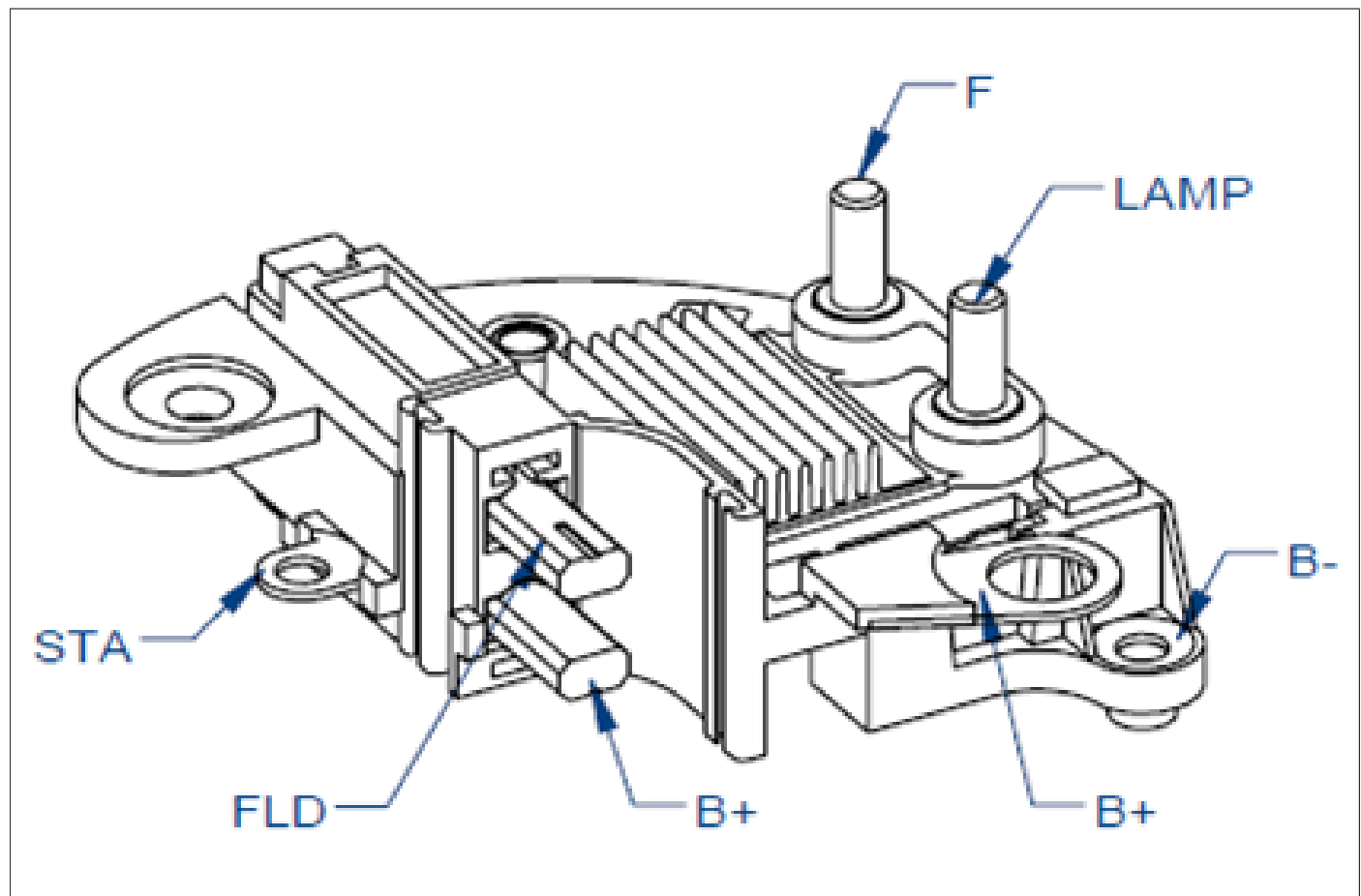


## TRANSPO TESTER INSTRUCTIONS

for MAGNETI MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX491	A	12	14.4				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

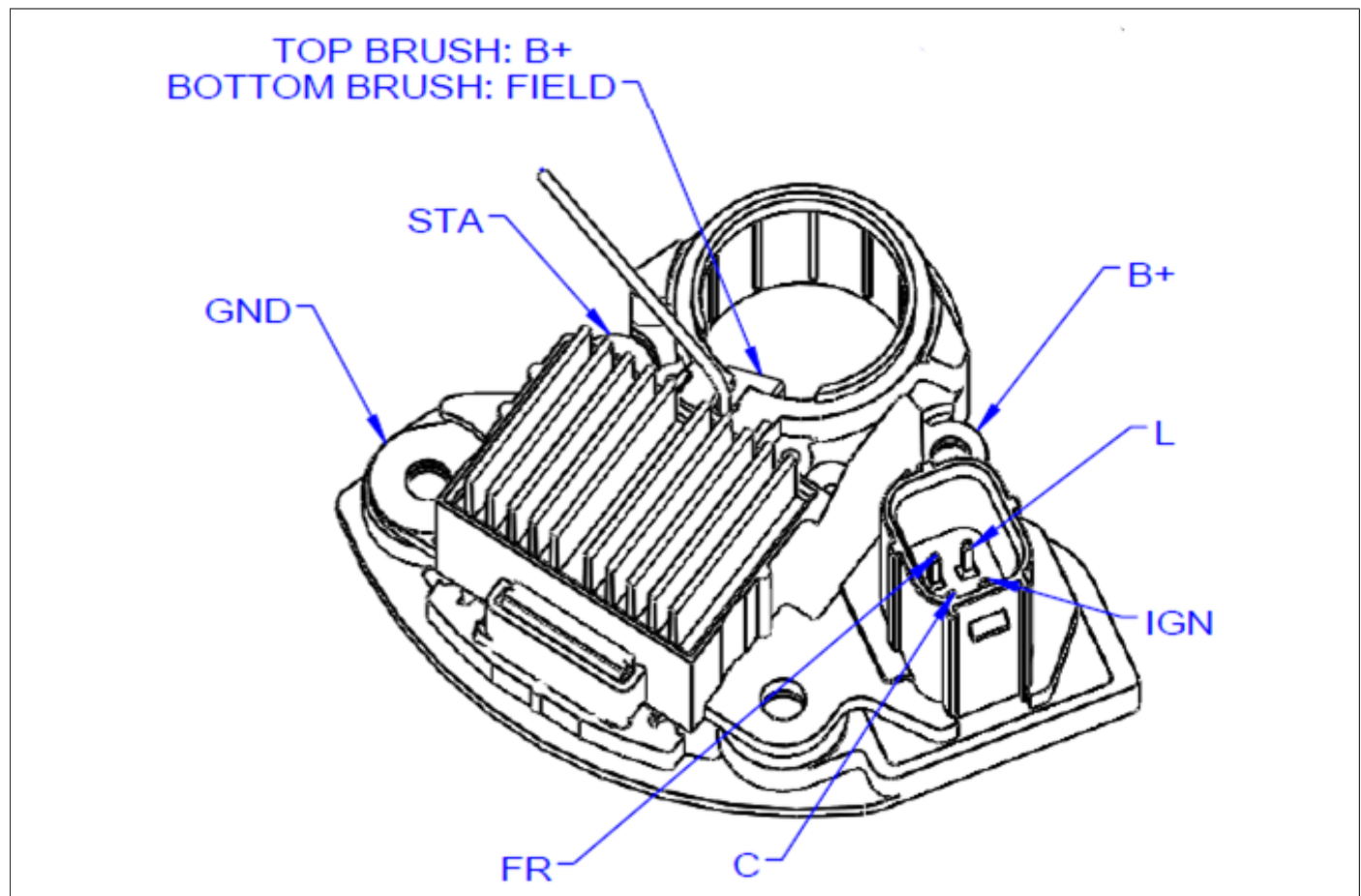


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM569	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect terminal COMPUTER with B-, Setpoint drops to 12.8V.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5379	B	12	13.9*				

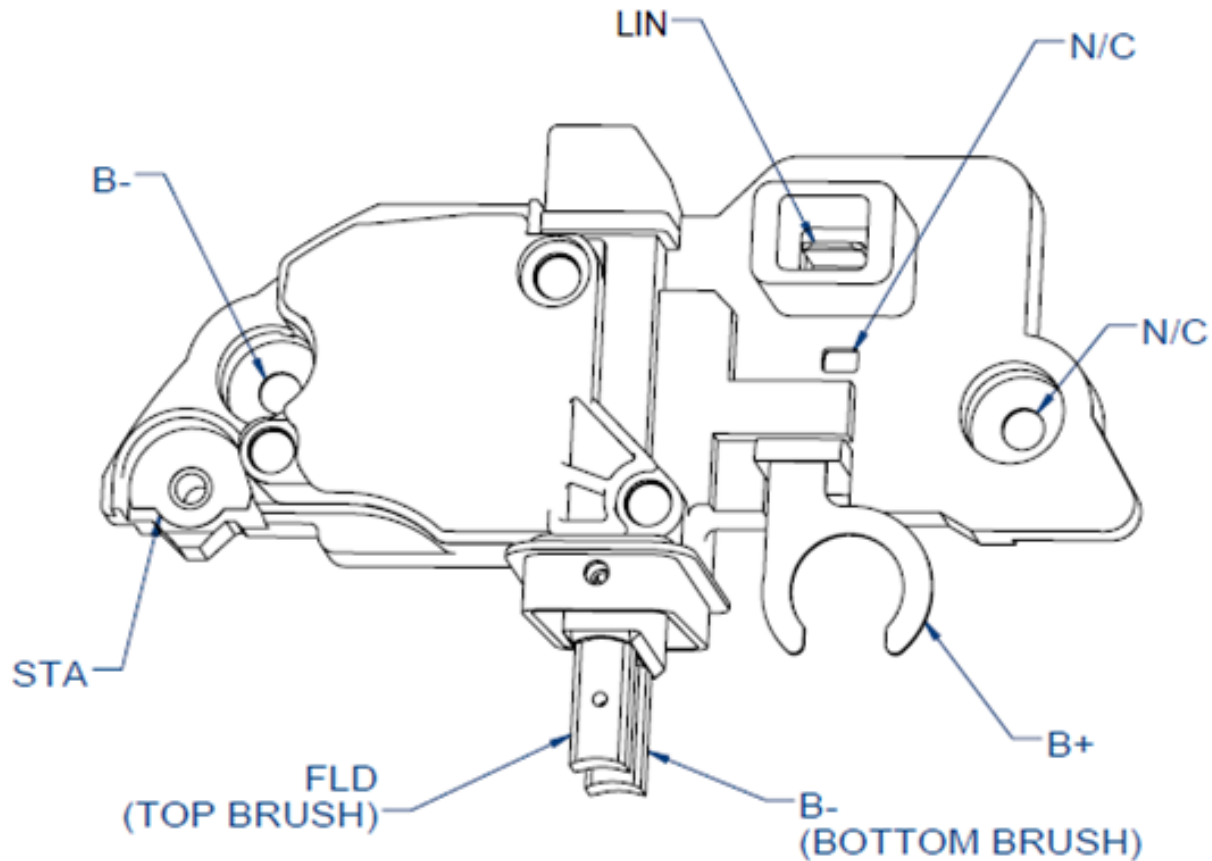
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.

\* The 13.9V Set Point indicate above is the 'default VSet' (no LIN input).

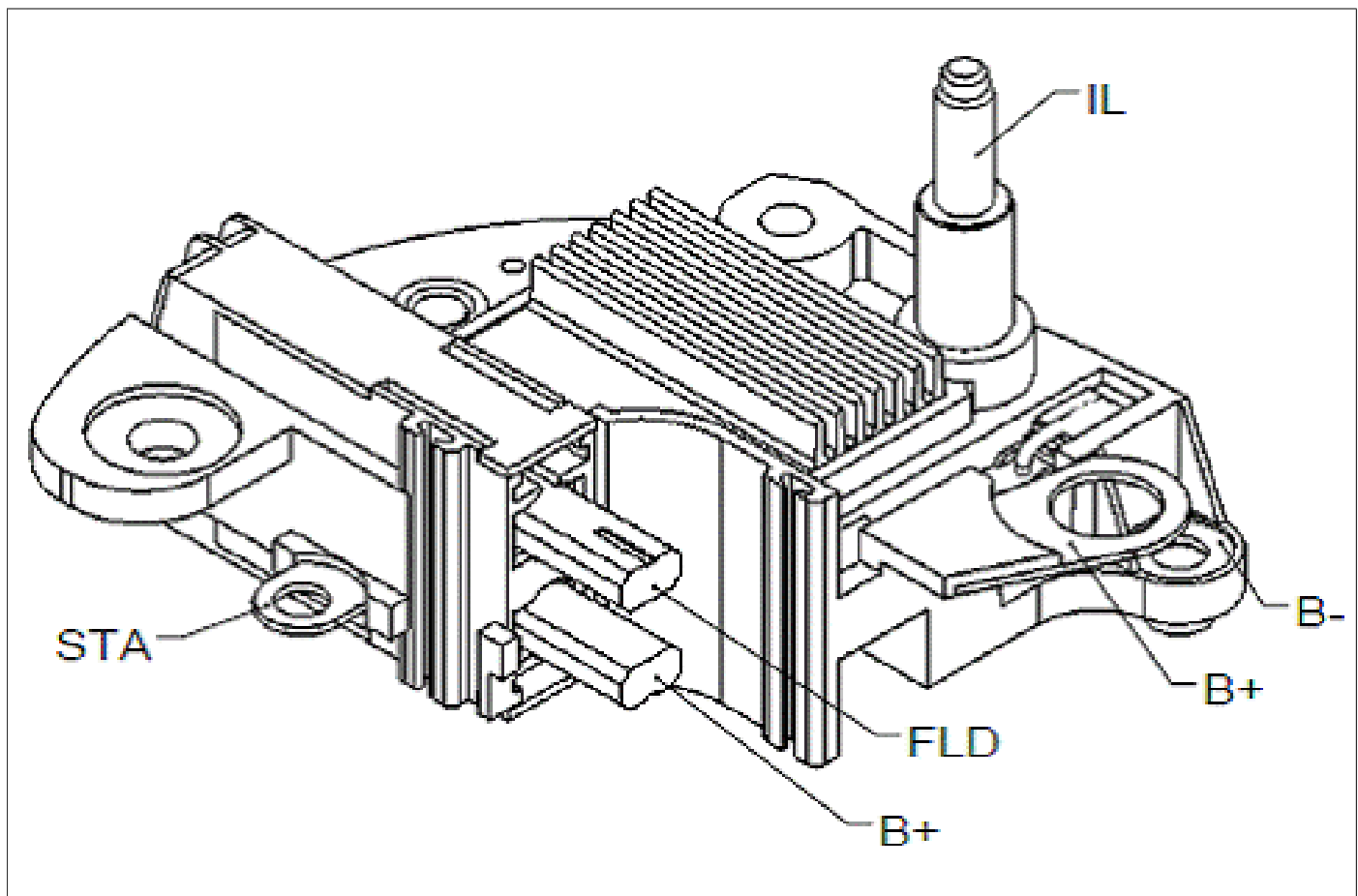


## TRANSPO TESTER INSTRUCTIONS

for MAGNETI MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX125	A	12	14.2				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB225	A	12	14.5				

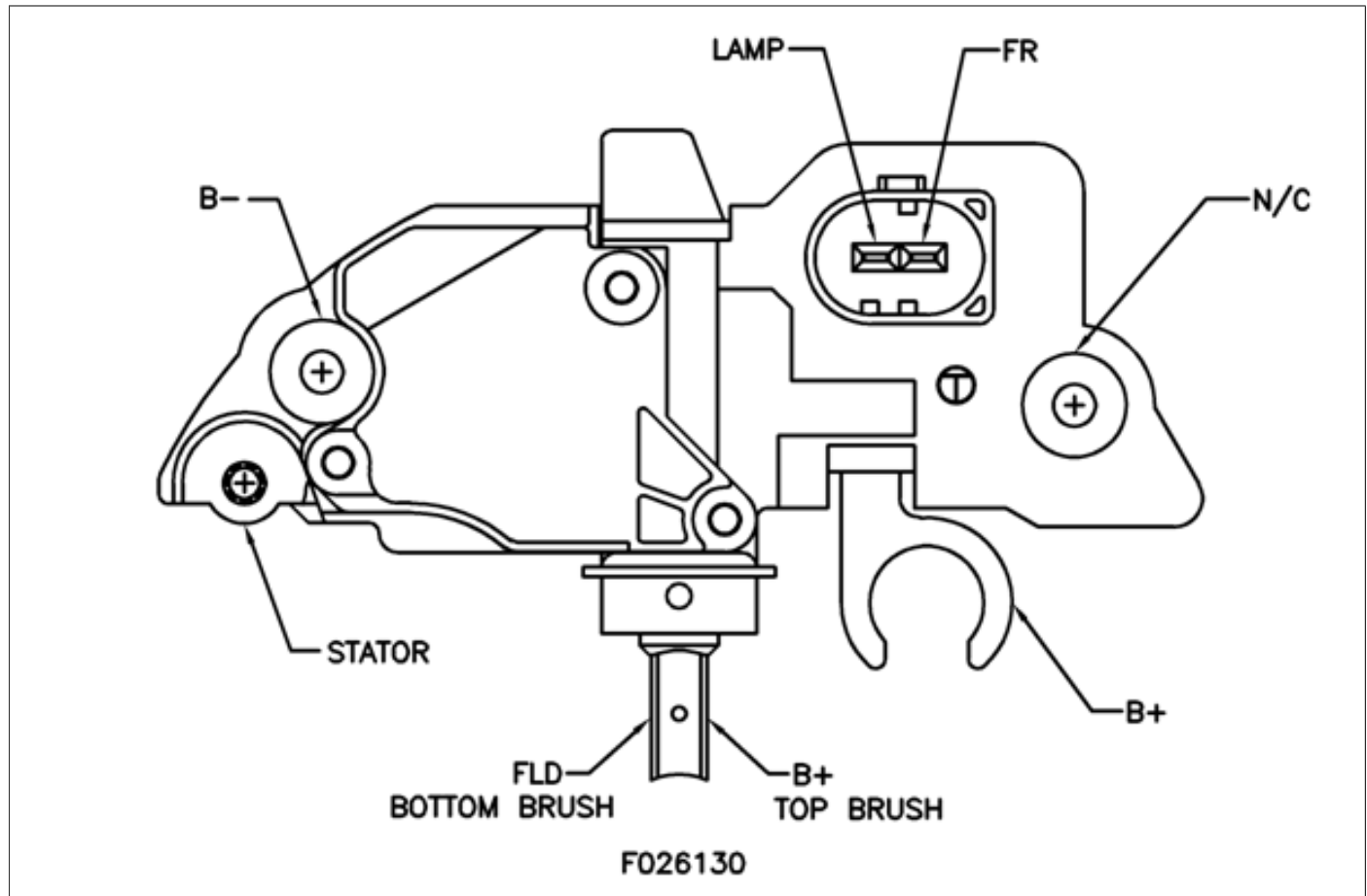
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Do not connect the FR terminal.

- Push the Choke switch and the "Choke Drive" will turn on.
- Remove white test lead from terminal marked "Stator" - the Field light and Lamp will come on and Voltage will show 12 volts.
- Remove green test lead from "light" terminal , field light will go out and voltage stays at 12 volts.



• L-FR Terminals • With LRC and Soft Start • Active Lamp Circuit - with Output

NOTE: VRC101-34 adapter shown for enhance stator signal, not all late model regulators need enhance signal



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN343	A	12	15.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

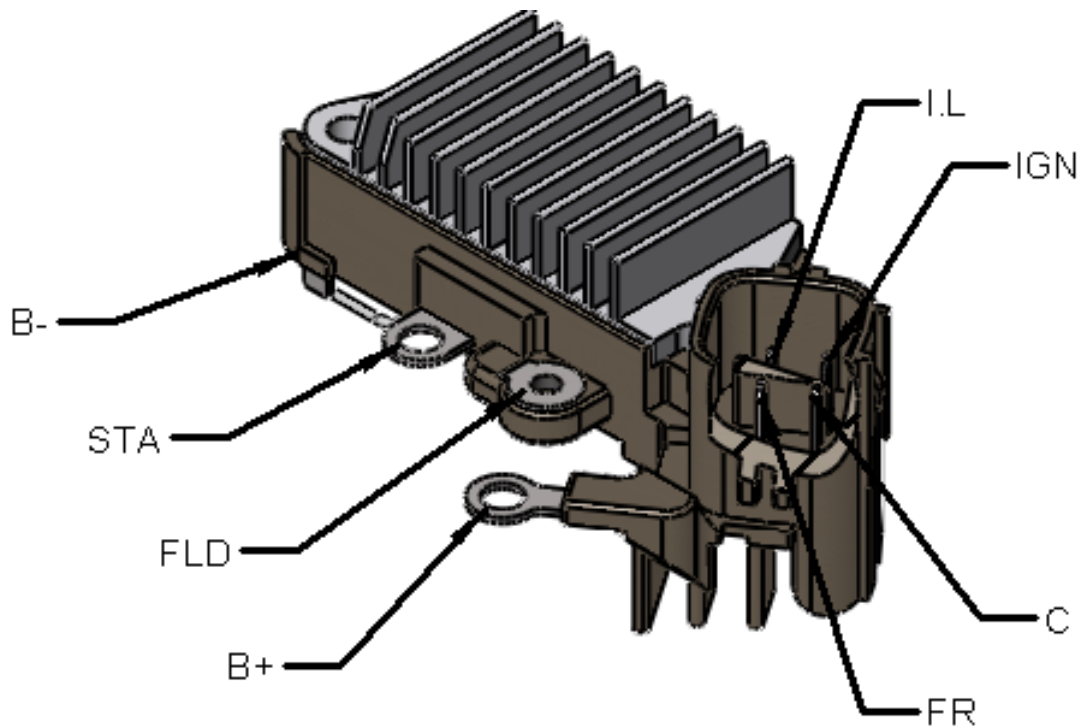
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR and C terminal.

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect Stator, connect C with GND, the set point will be 13.6V +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

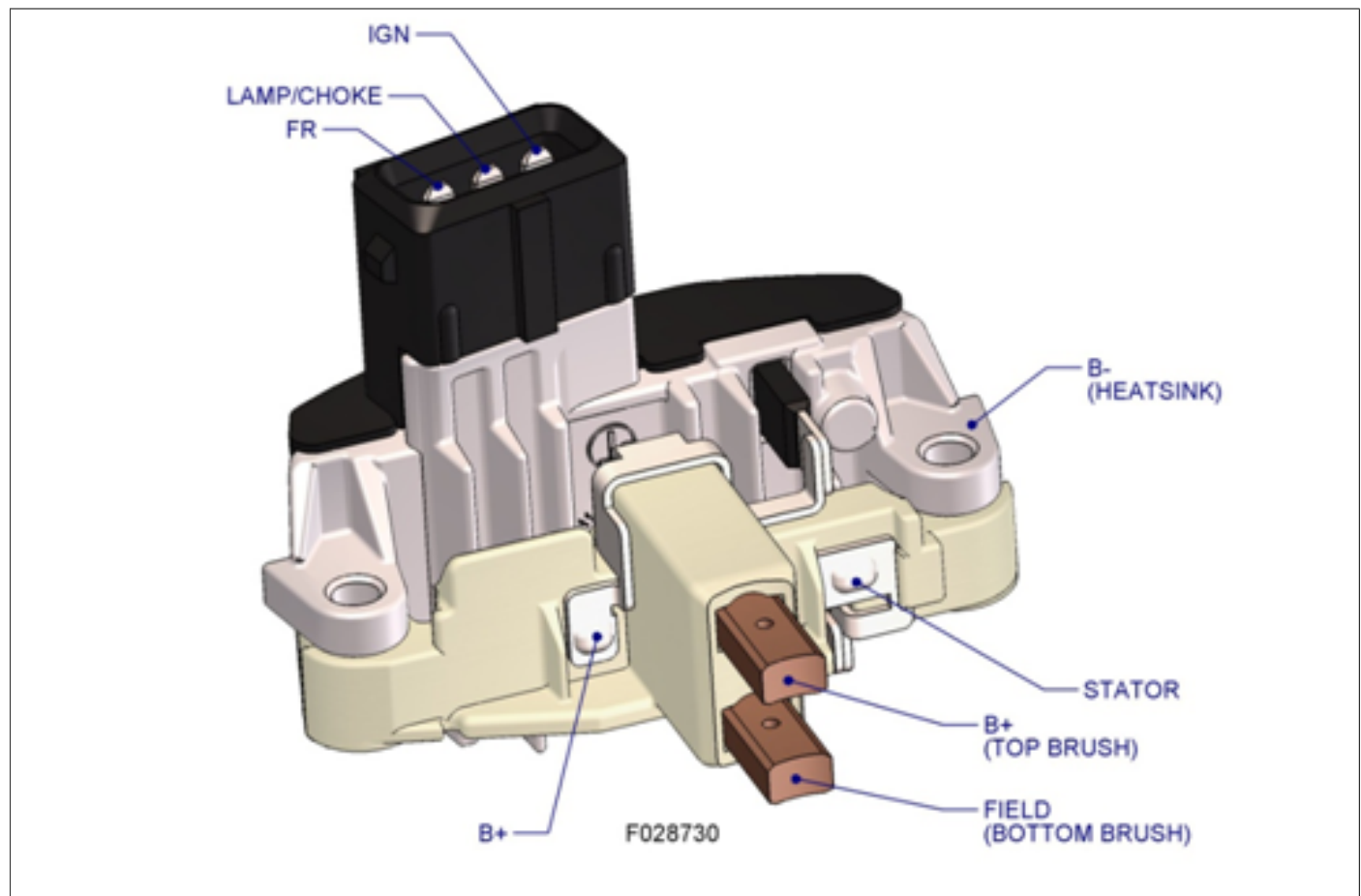
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB545	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator should be on.
2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator should be on.



# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

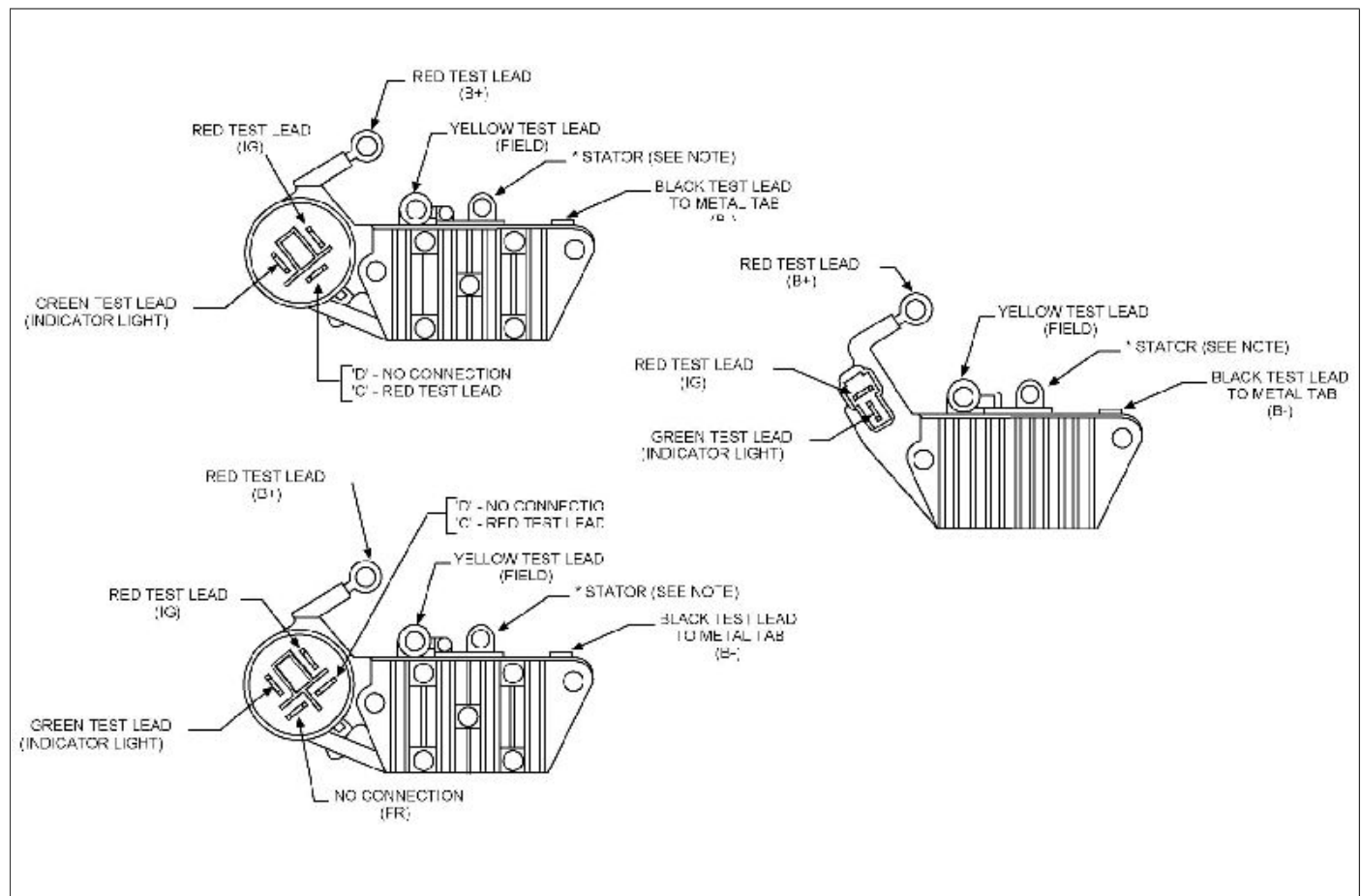
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
T7254	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V.



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
T7439	A	12	14.4				

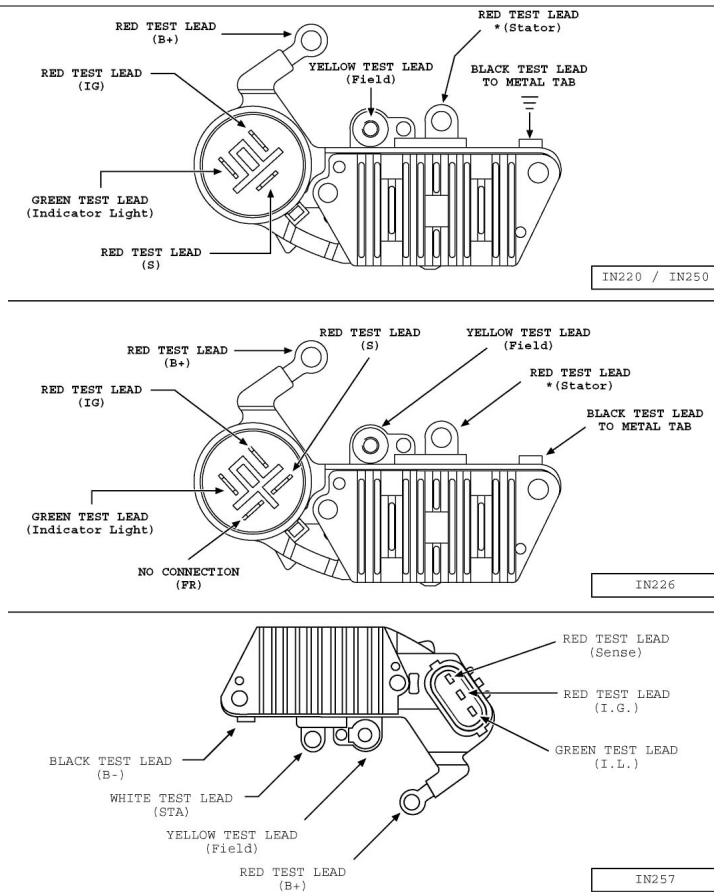
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Remove test lead from the terminal marked "\*". The indicator light will turn on and the meter will indicate approximately 12V and the field lamp will remain fully on (this is the soft start mode of the regulator).

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on between 16.0V and 17.1V. Push the choke drive and the "Choke Drive Indicator Lamp" will turn on, if present.



NOTE on Stator: Transpo (White test lead) / OE (Red test lead)

# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

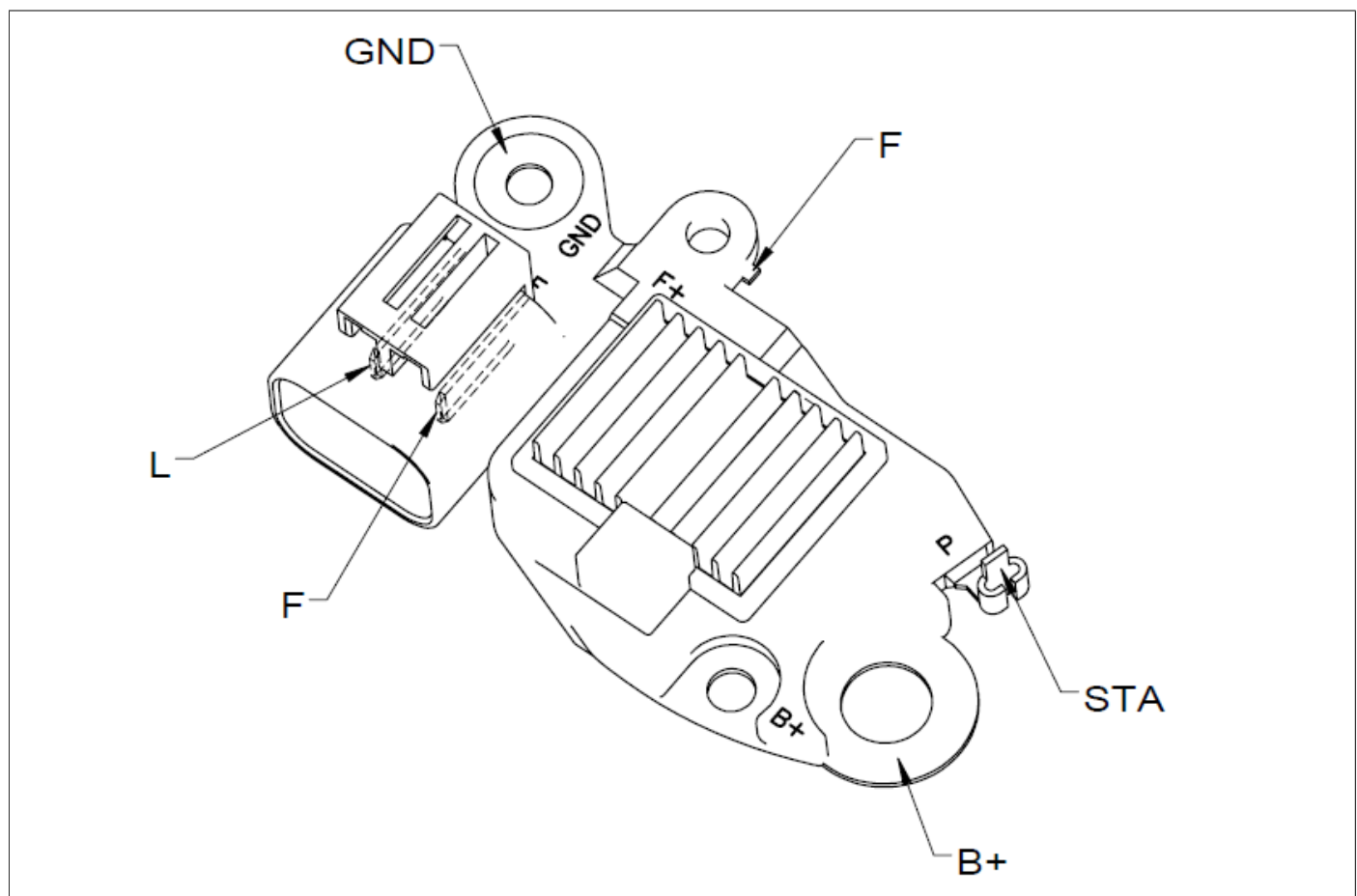
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D3588	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

1. Disconnect Stator, the Lamp Indicator should be on.
2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator should be on.

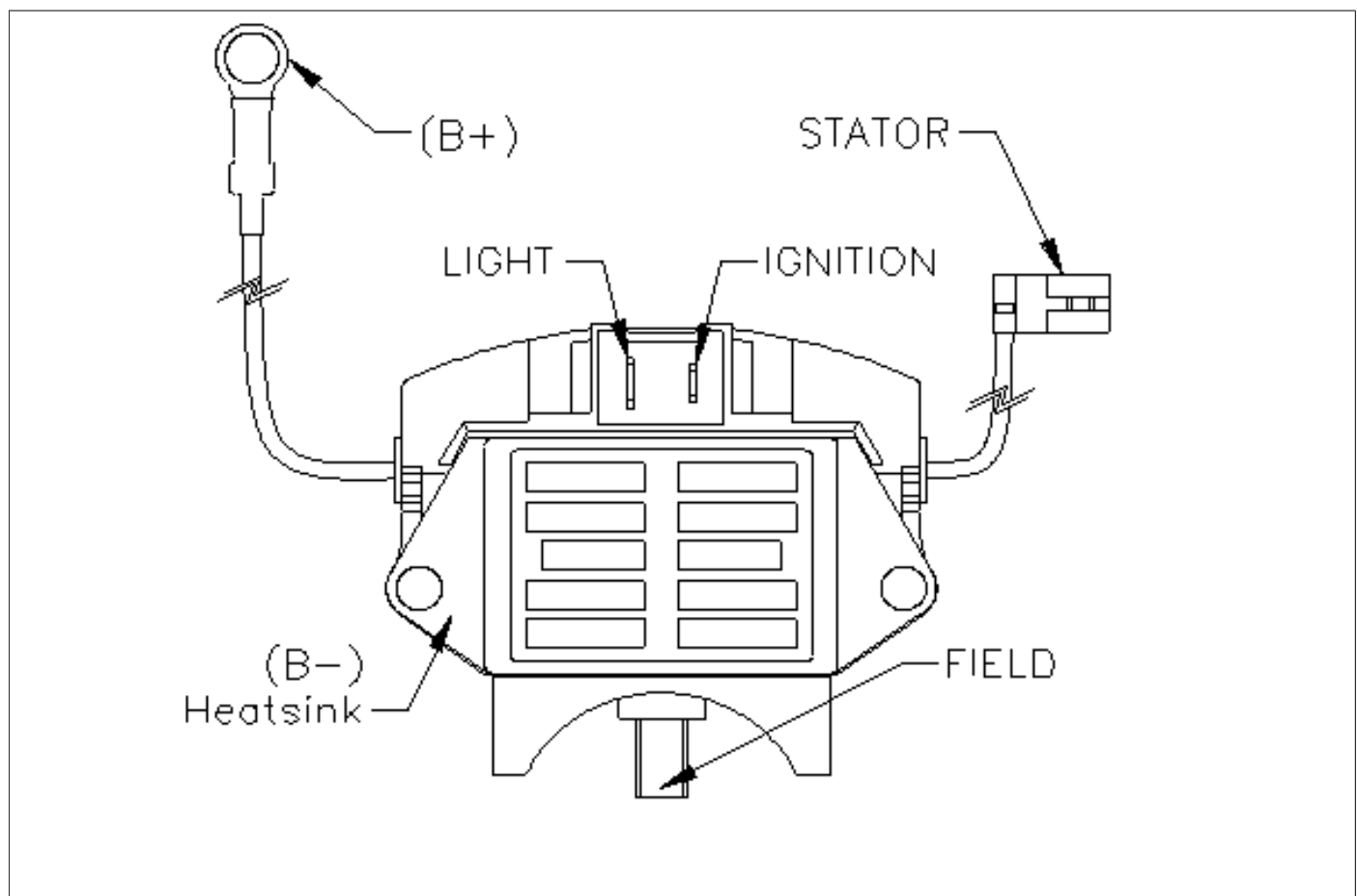


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP1652T	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

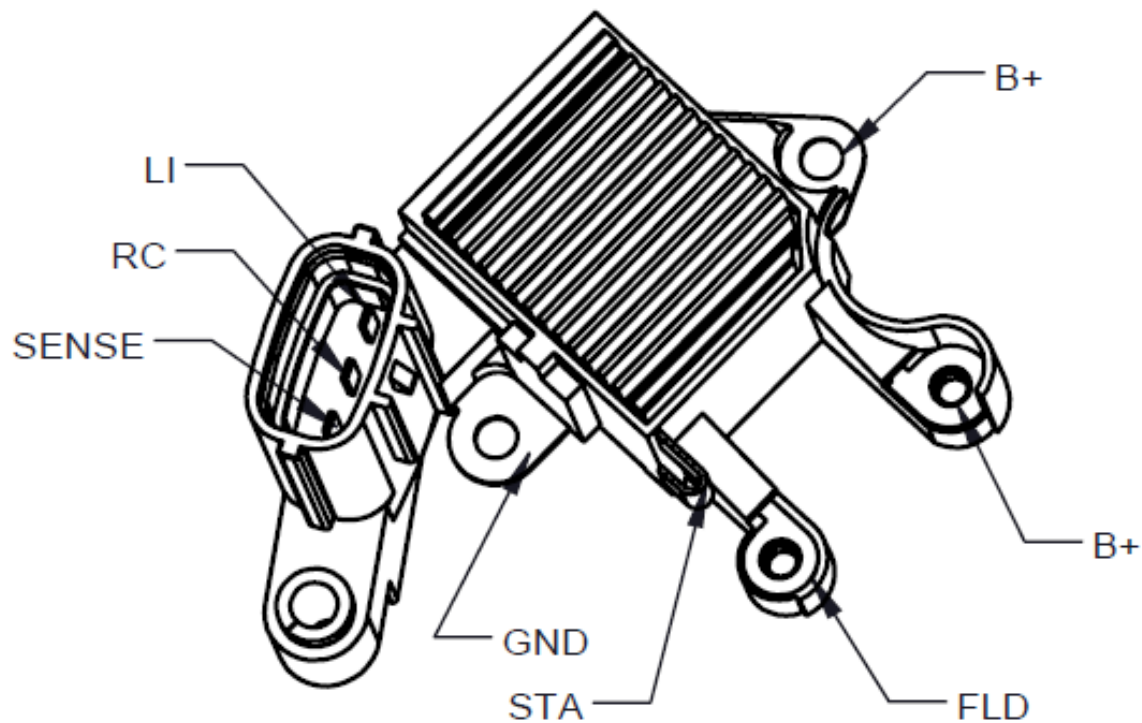


## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6342	A	12	14.03				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

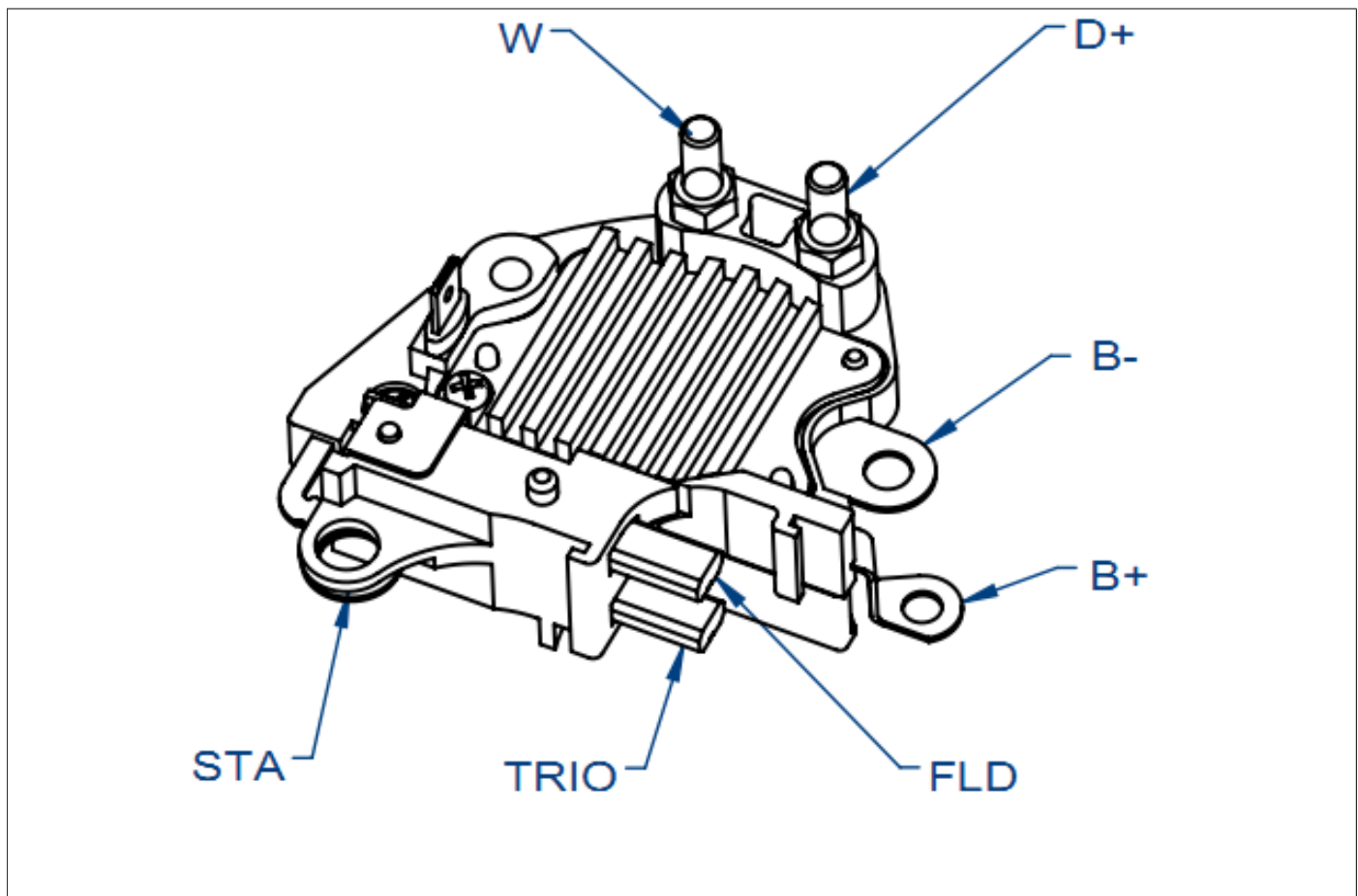


## TRANSPO TESTER INSTRUCTIONS

for MAGNETI MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX126	A	24	28.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



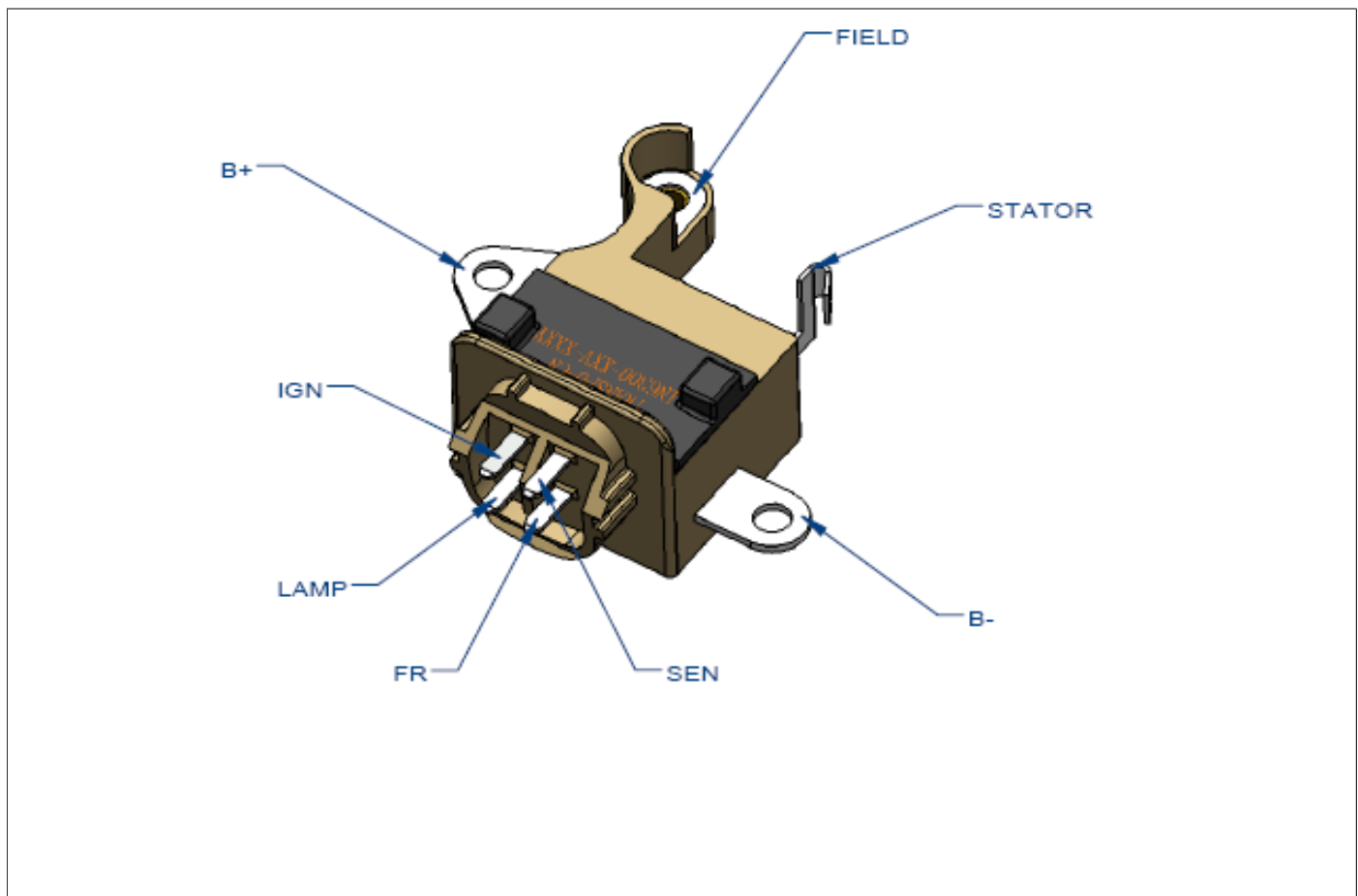


## TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6300	B	12	14.1				
T7300	B	12	14.1				
IN6323	B	12	14.1				
T7323	B	12	14.1				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

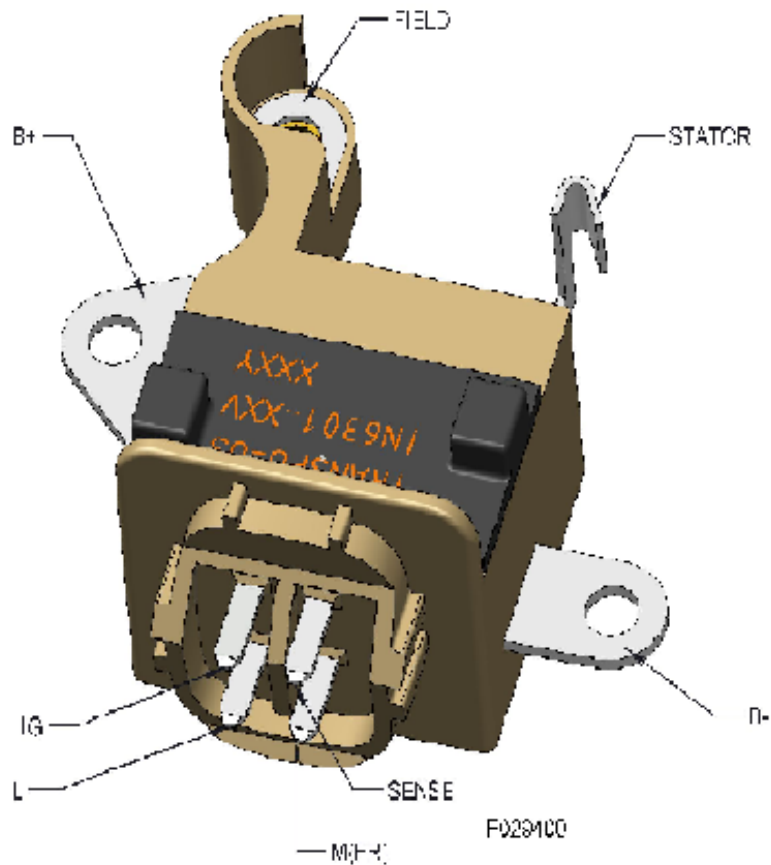


## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6301	B	12	14.1				
T7301	B	12	14.1				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

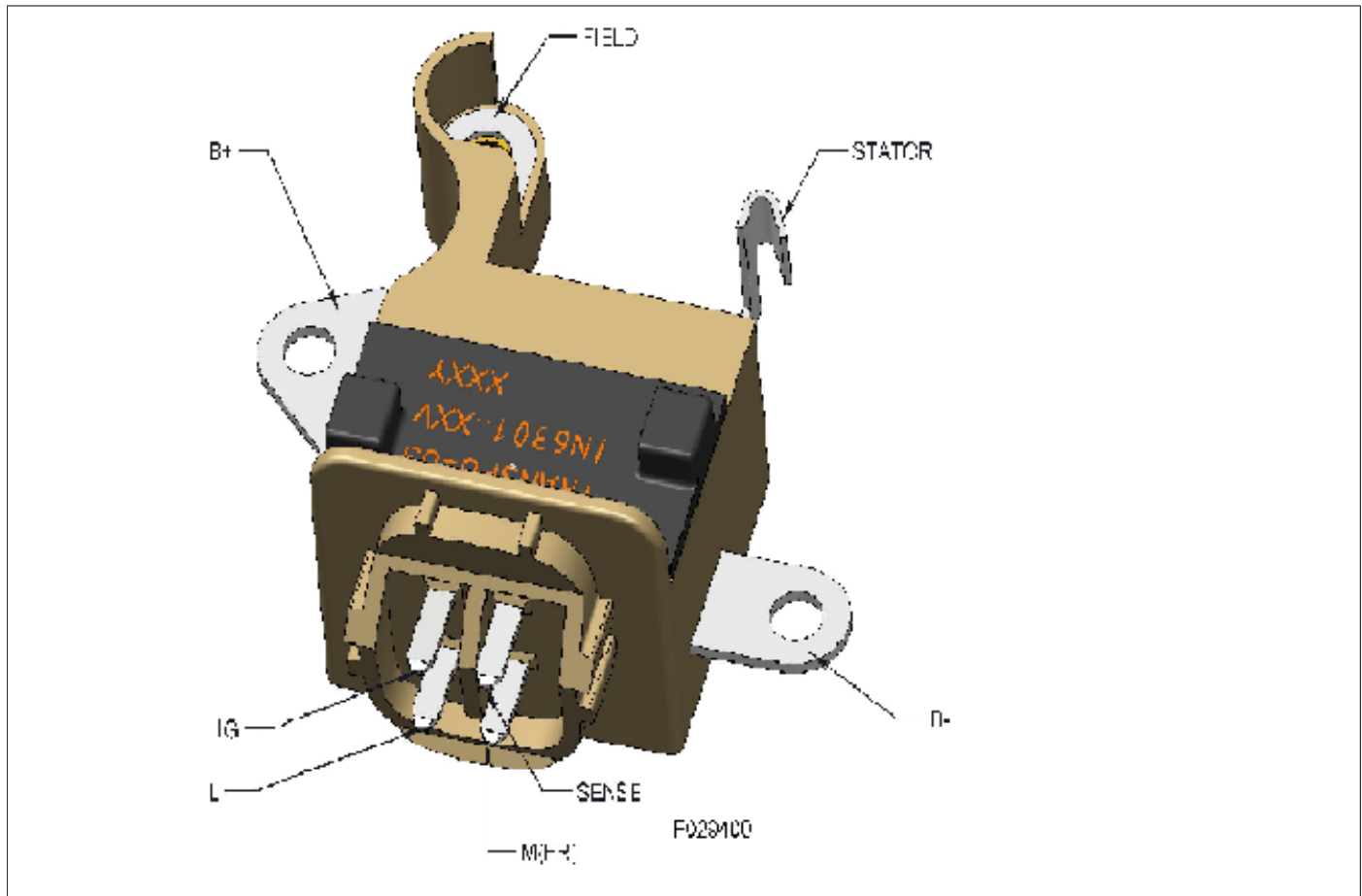


## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6302	B	12	14.1				
T7302	B	12	14.1				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

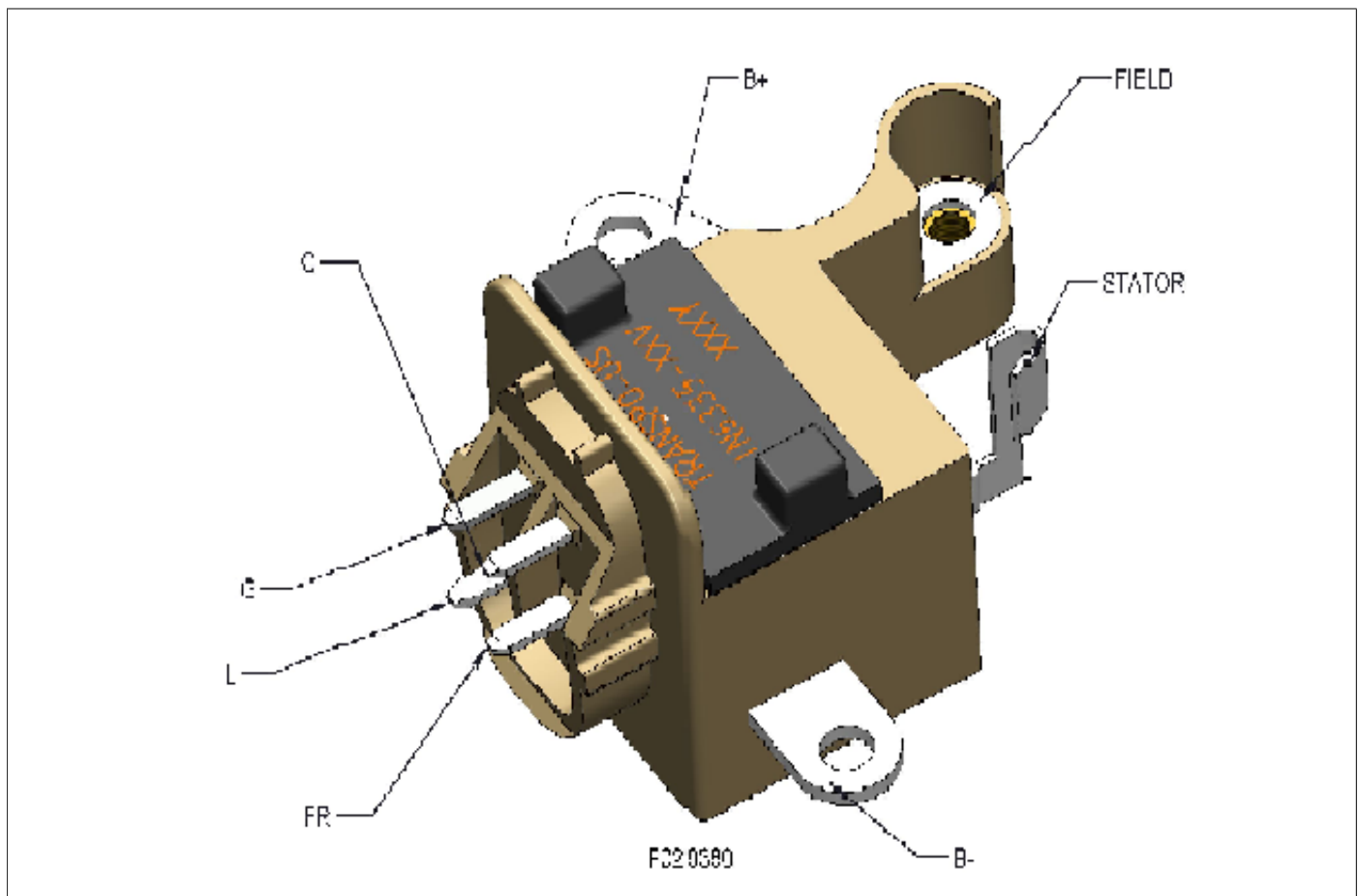


## TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6335	B	12	14.5				
T7335	B	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

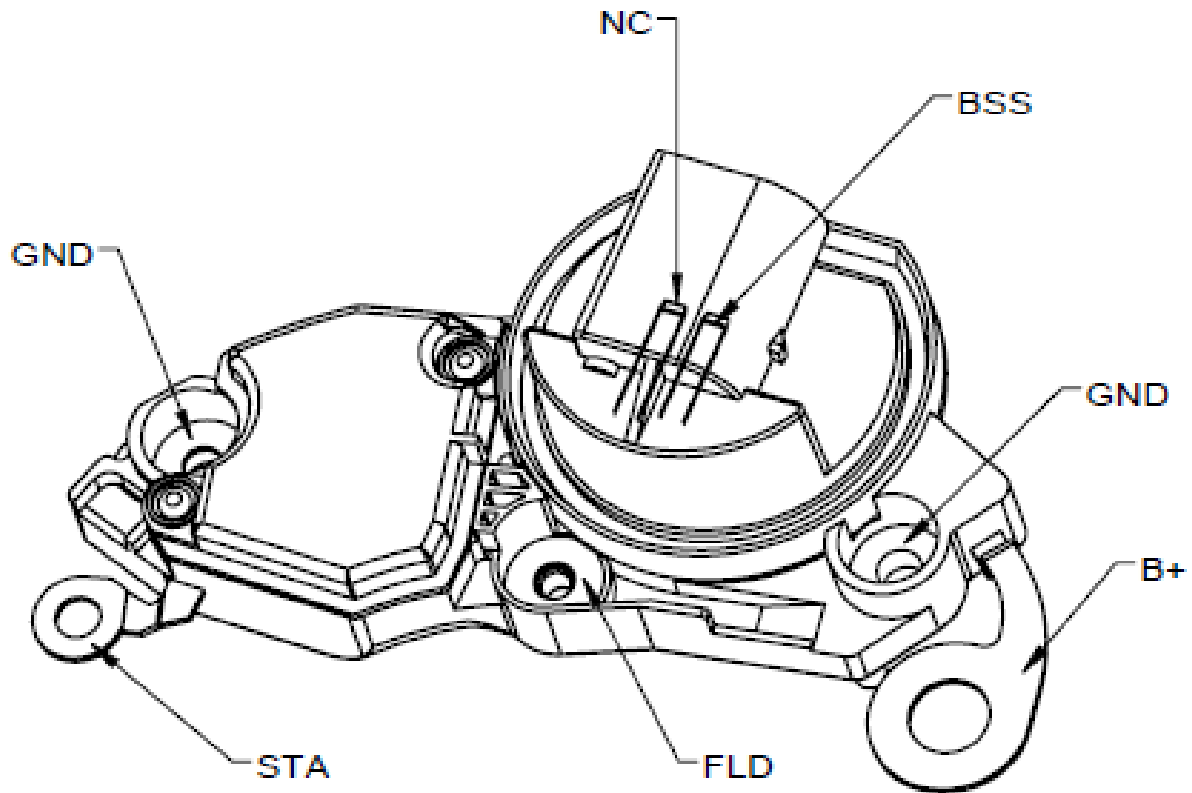
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB203	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator should be on.
2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator should be on.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

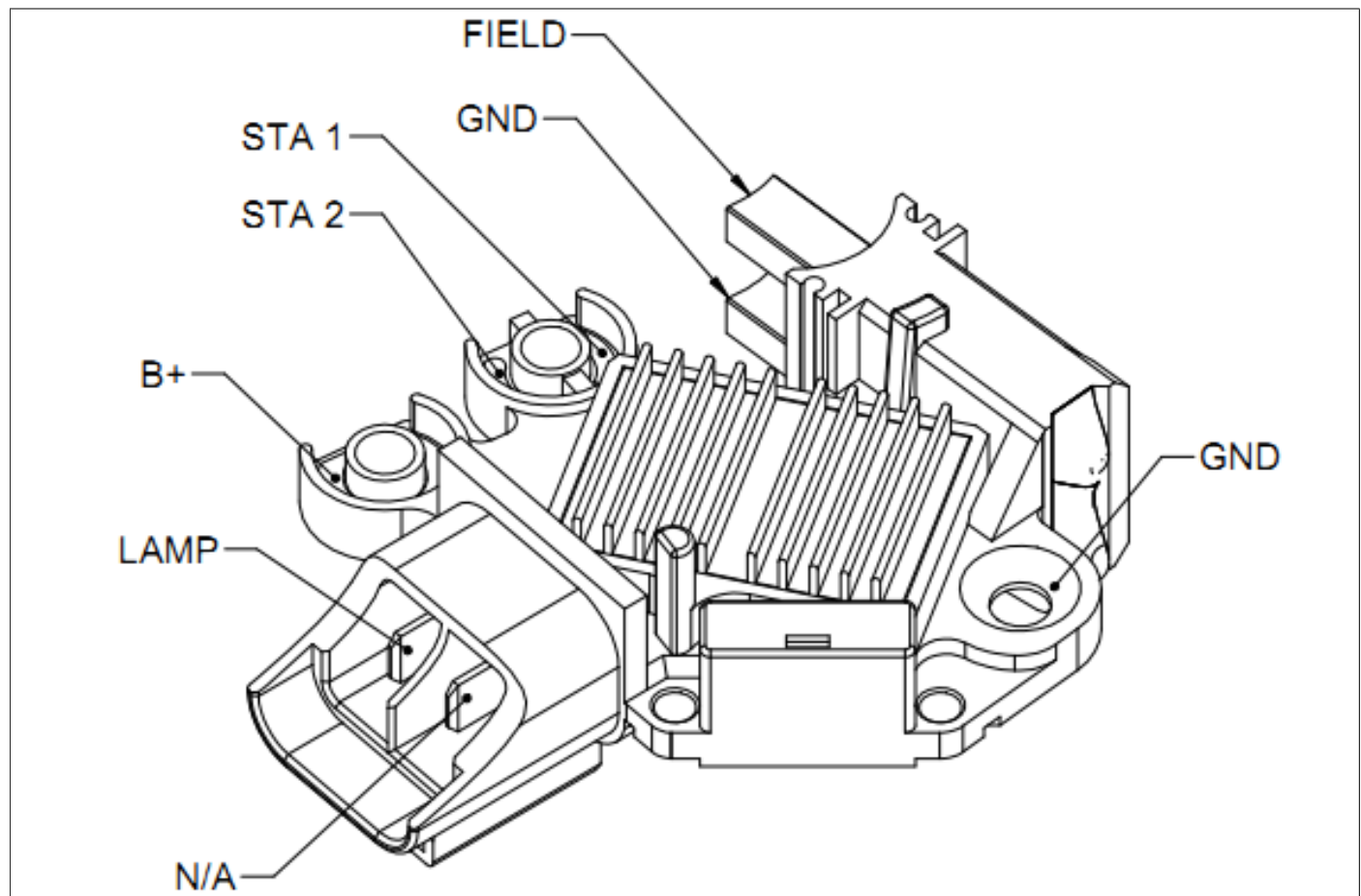
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M580	B	12	14.45				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Stator, the Lamp Indicator should be on.
2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator should be on.

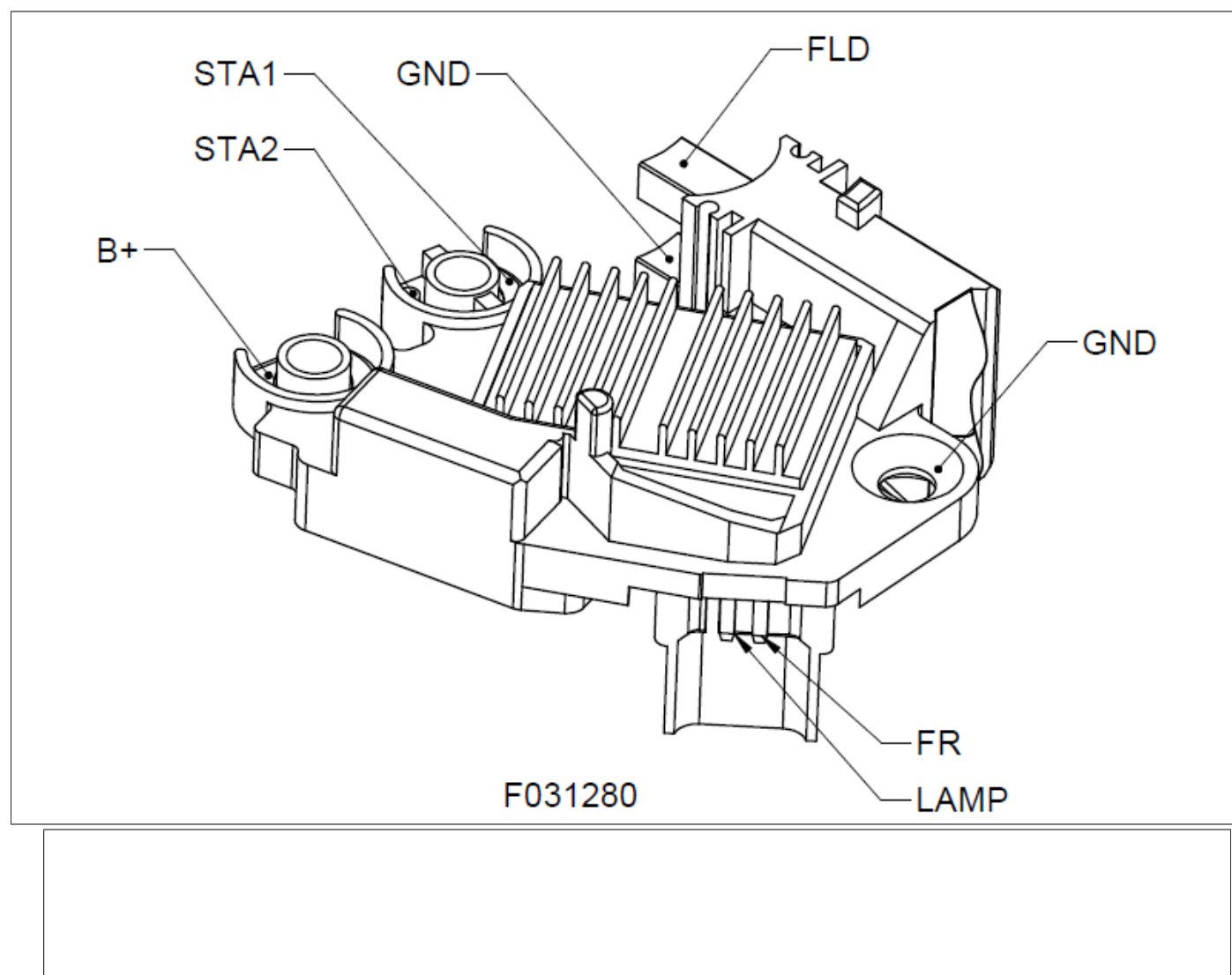


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M570	B	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

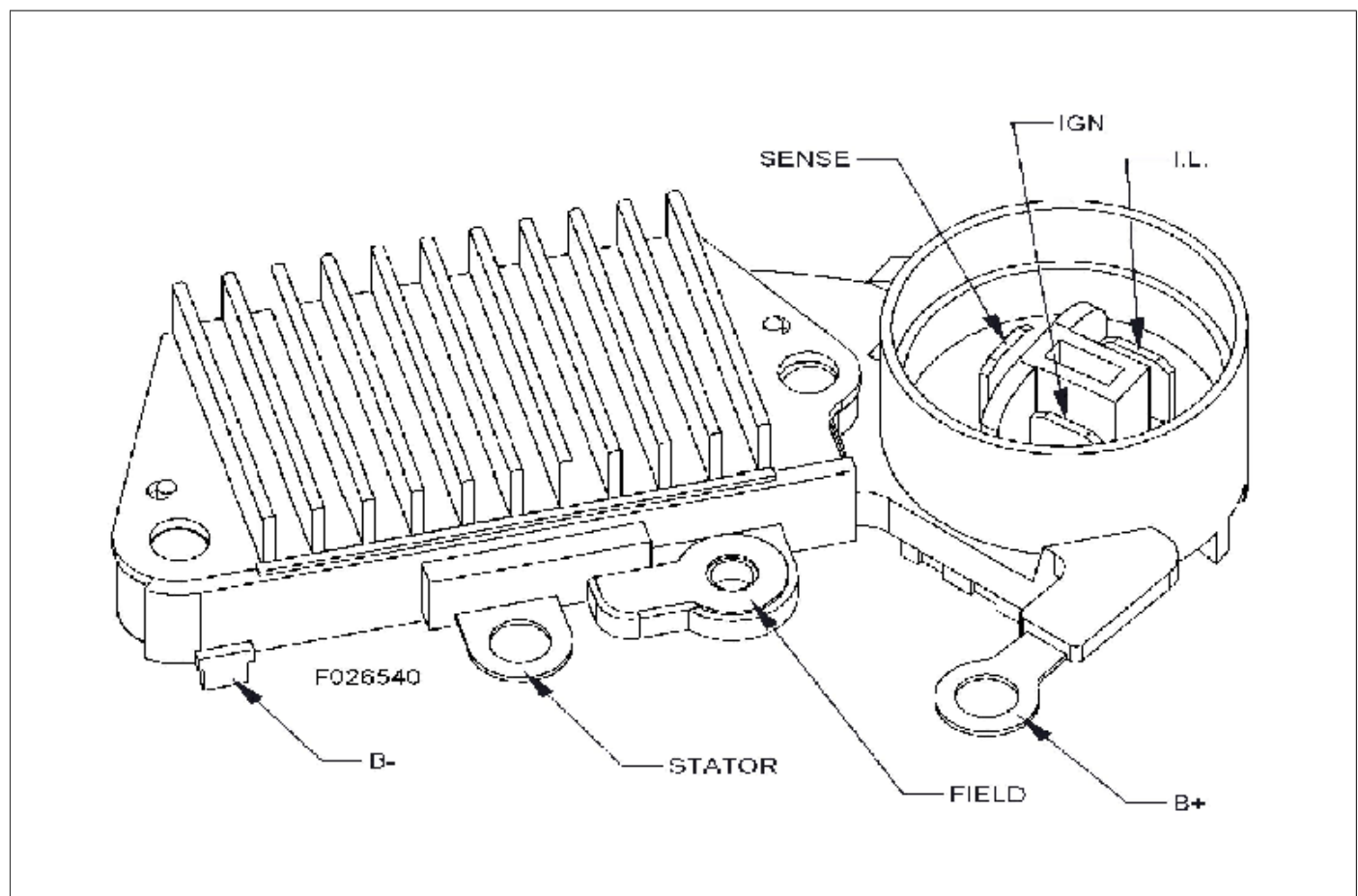


## TRANSPON TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN220	A	12	14.5				
IN220HD	A	12	14.5				
T7220	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



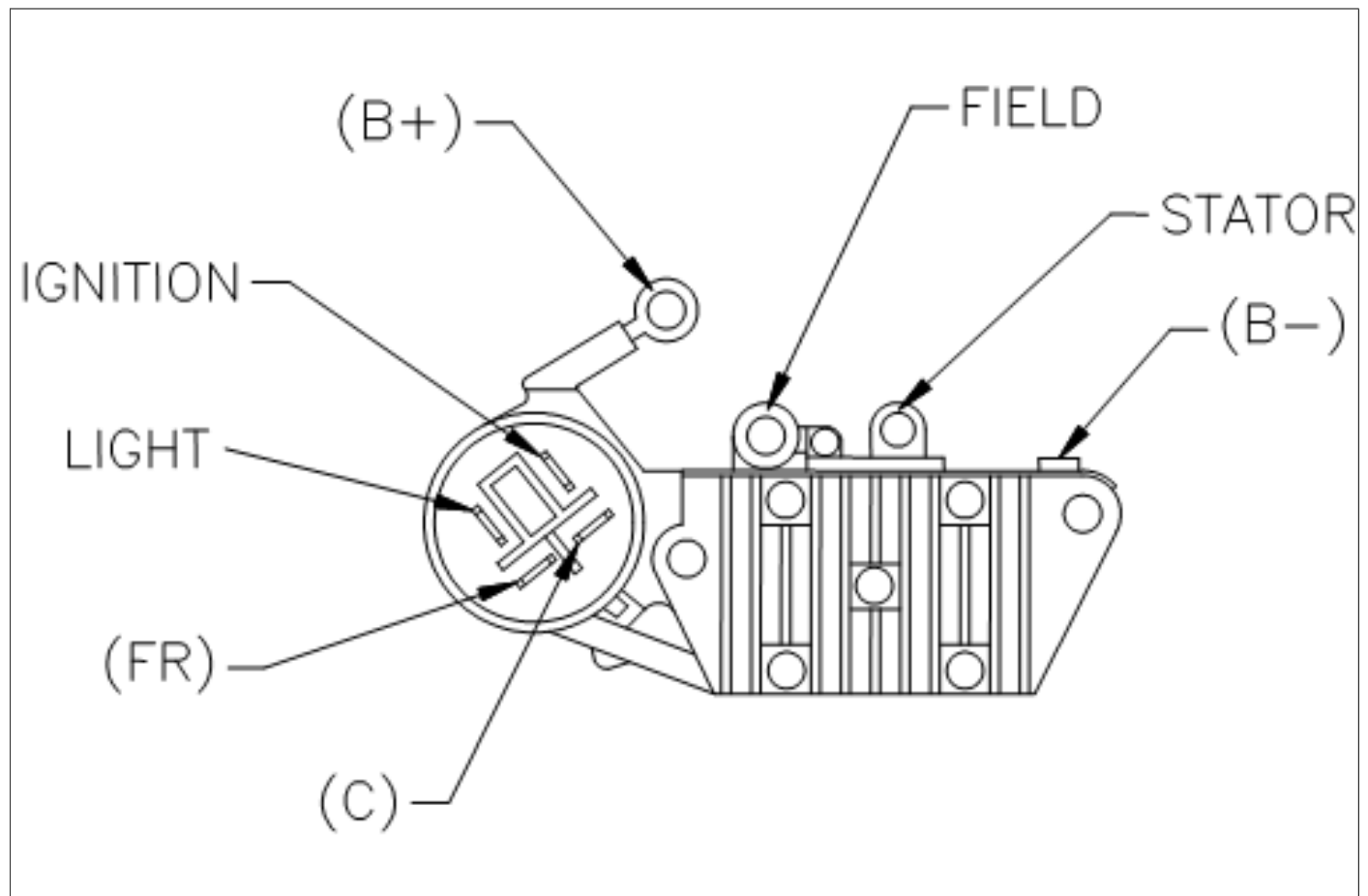


## TRANSPON TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN224	A	12	14.5				
T7224	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

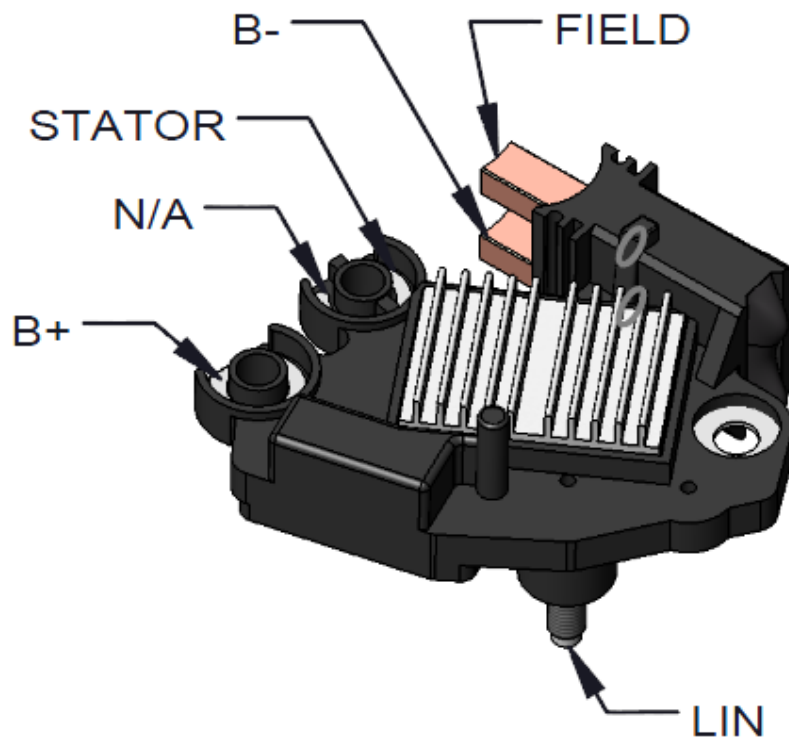


## TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M565	B	12	14.4				
M584	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

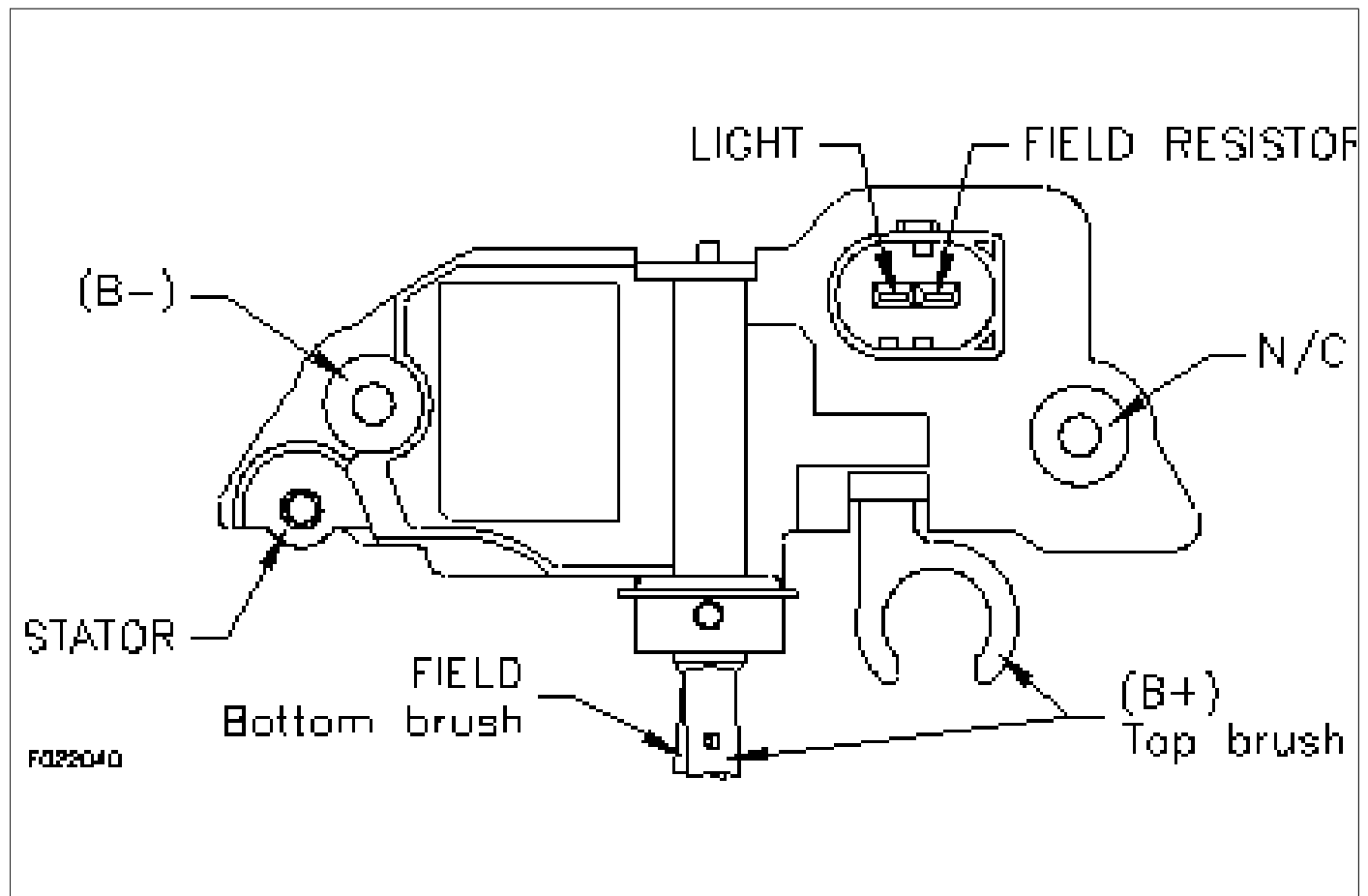


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5225HD	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

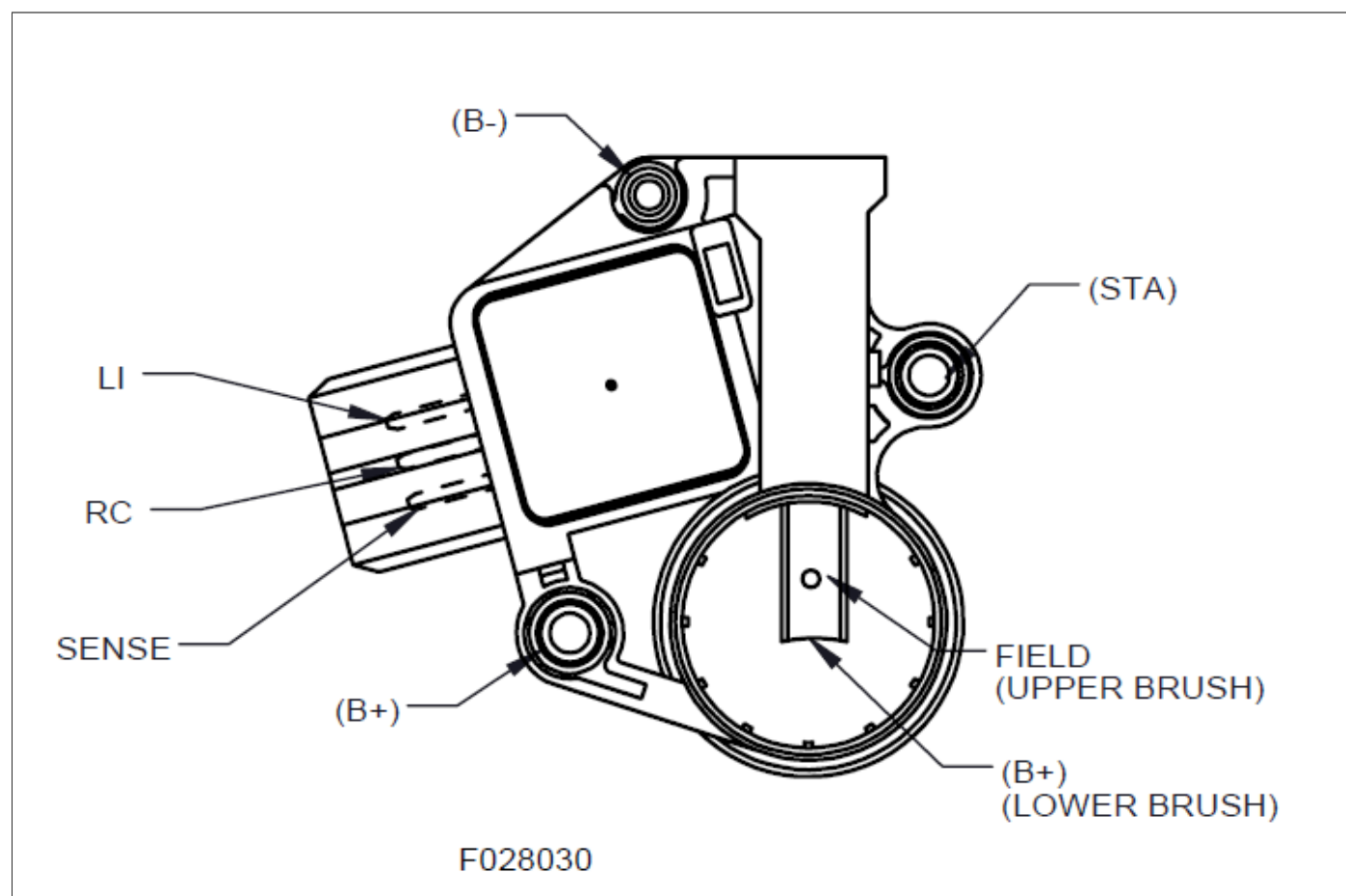


# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F601SE	A	12	14.03				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

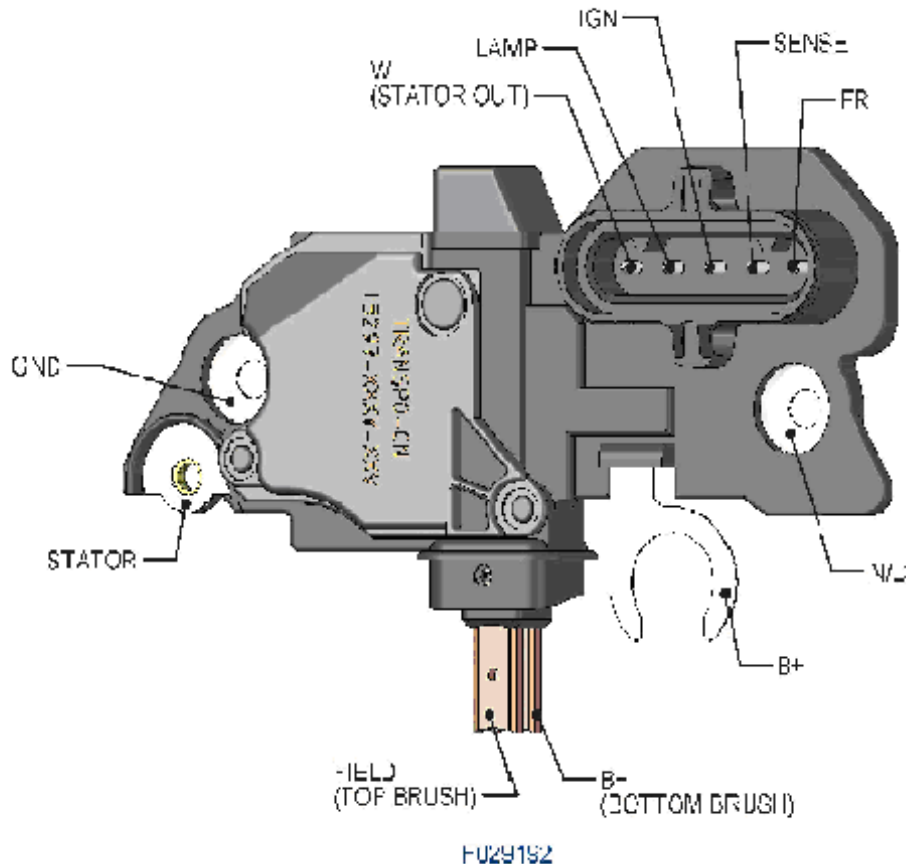


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB120	B	24	28.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

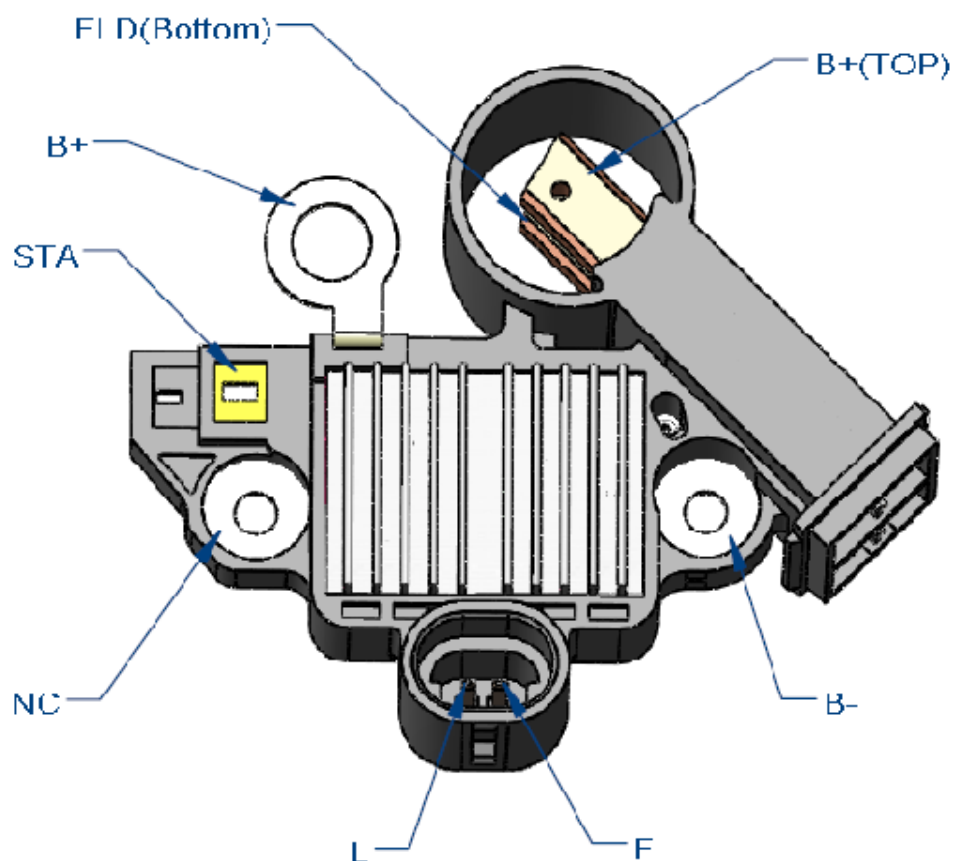


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D816	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

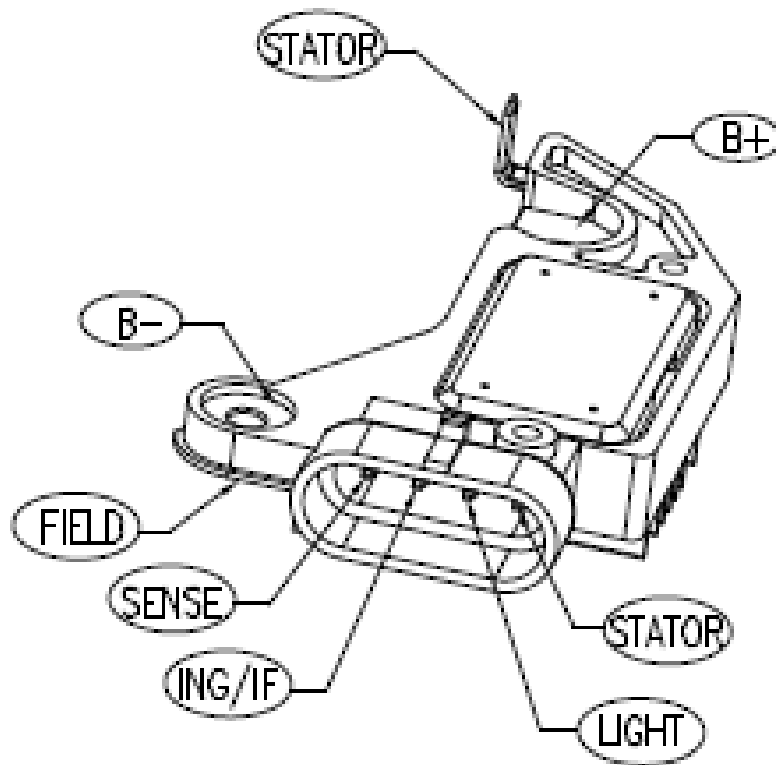


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D702SEL	B	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6137	B	12	14.6				

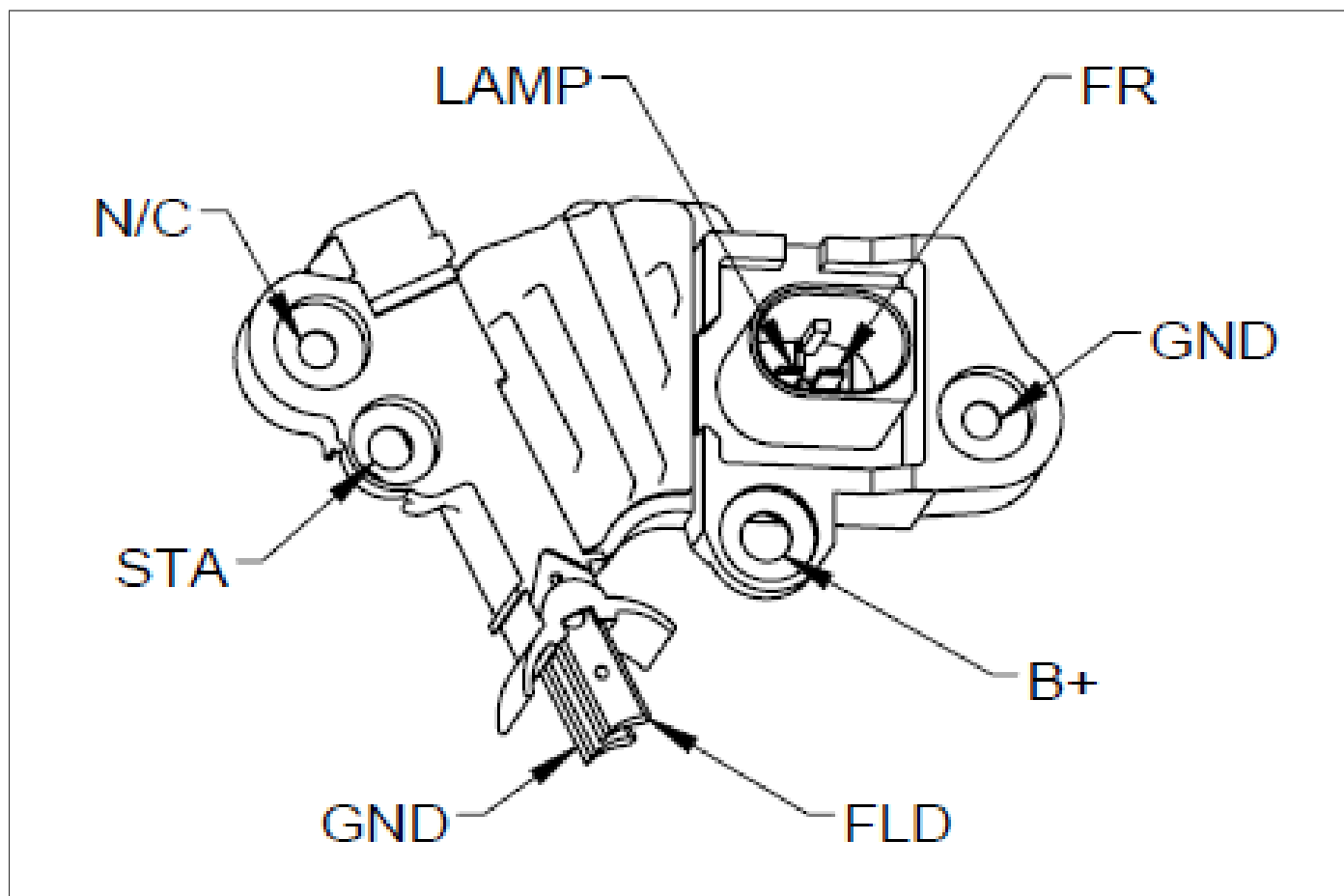
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

- Push the Choke switch and the "Choke Drive" will turn on.
- Remove white test lead from terminal marked "Stator" - the Field light and Lamp will come on and Voltage will show 12 volts.
- Remove green test lead from "light" terminal , field light will go out and voltage stays at 12 volts.





# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6165	B	12	13.9*				

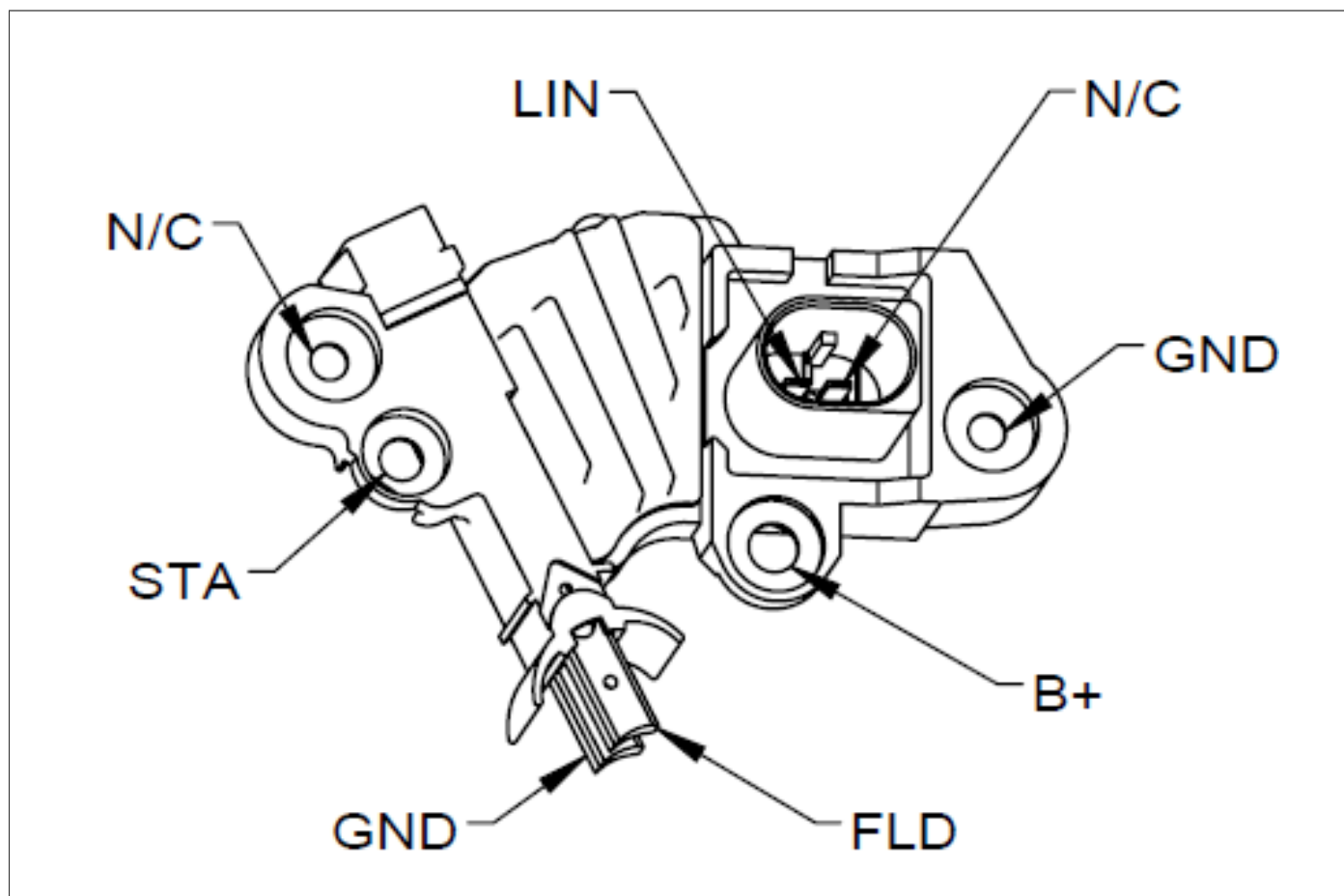
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.

\* The 13.9V Set Point indicate above is the 'default VSet' (no LIN input).

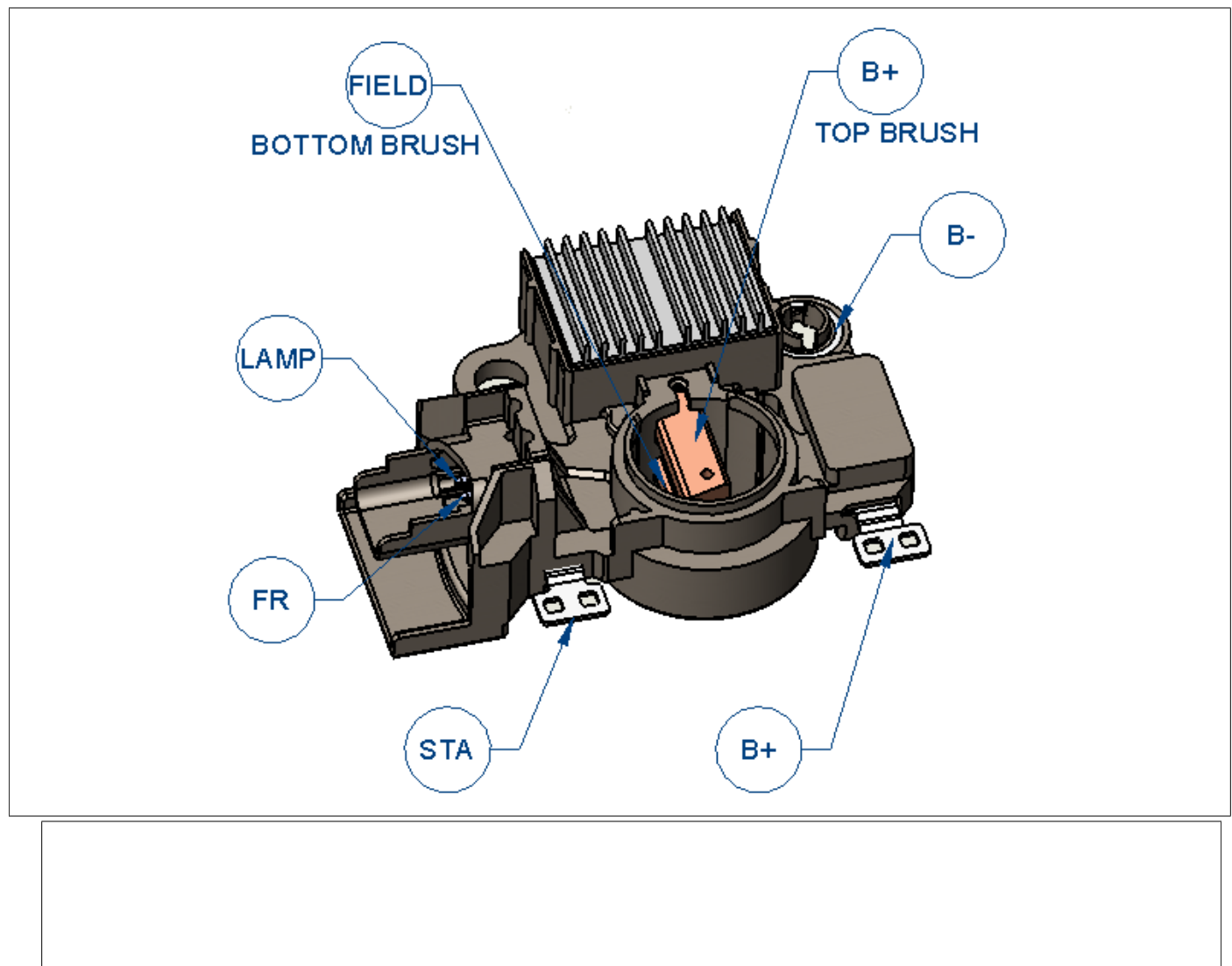


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM606	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

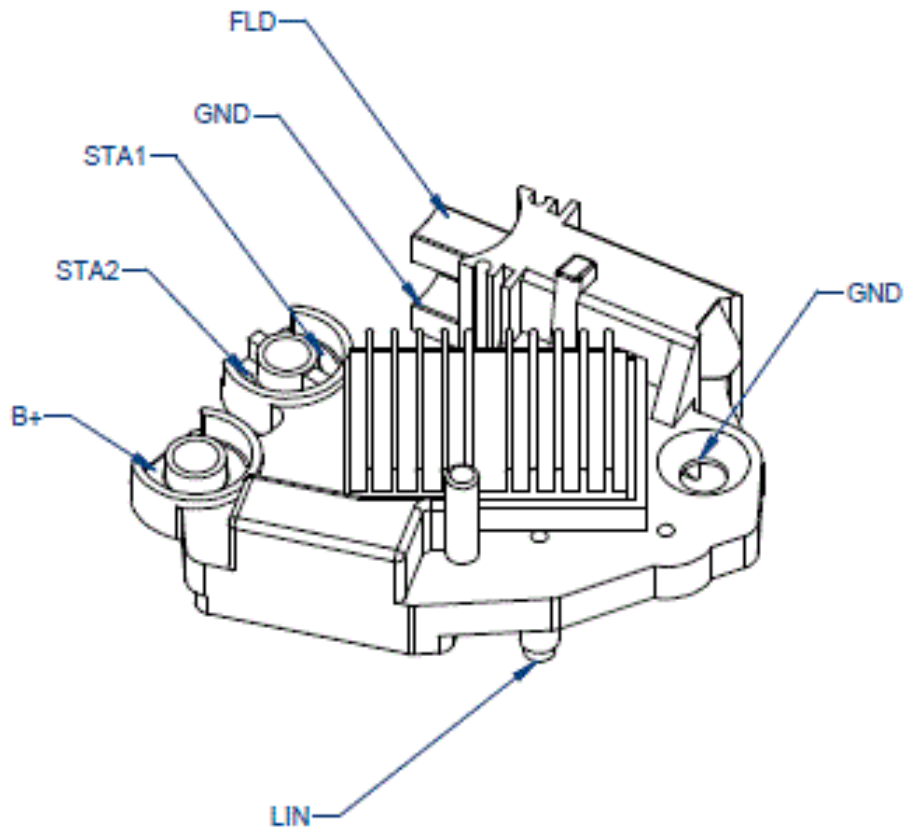


## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M583	B	12	14.3				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M581	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

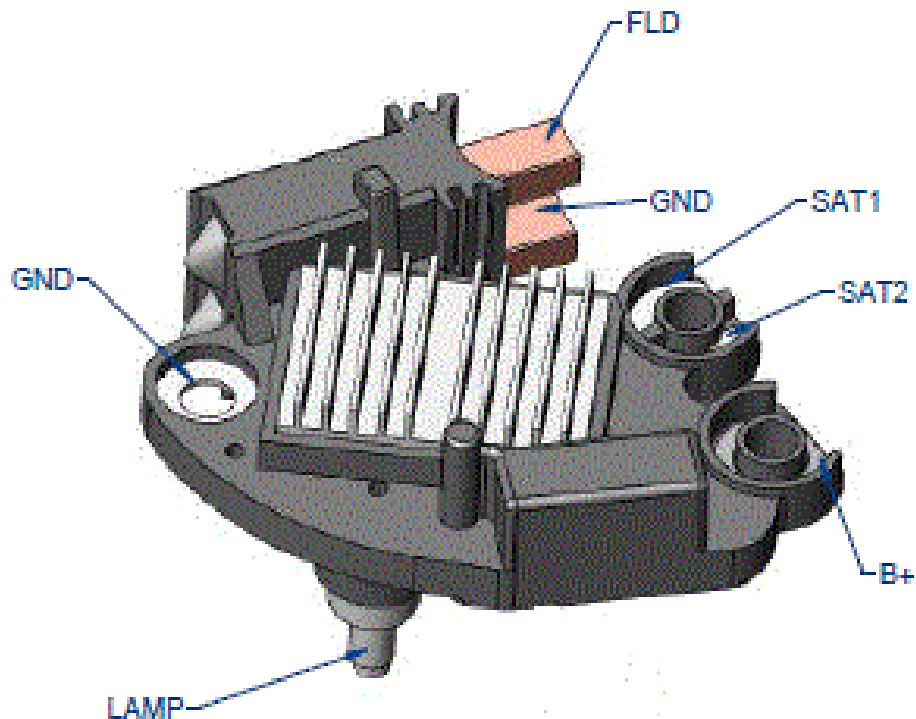
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M555	B	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

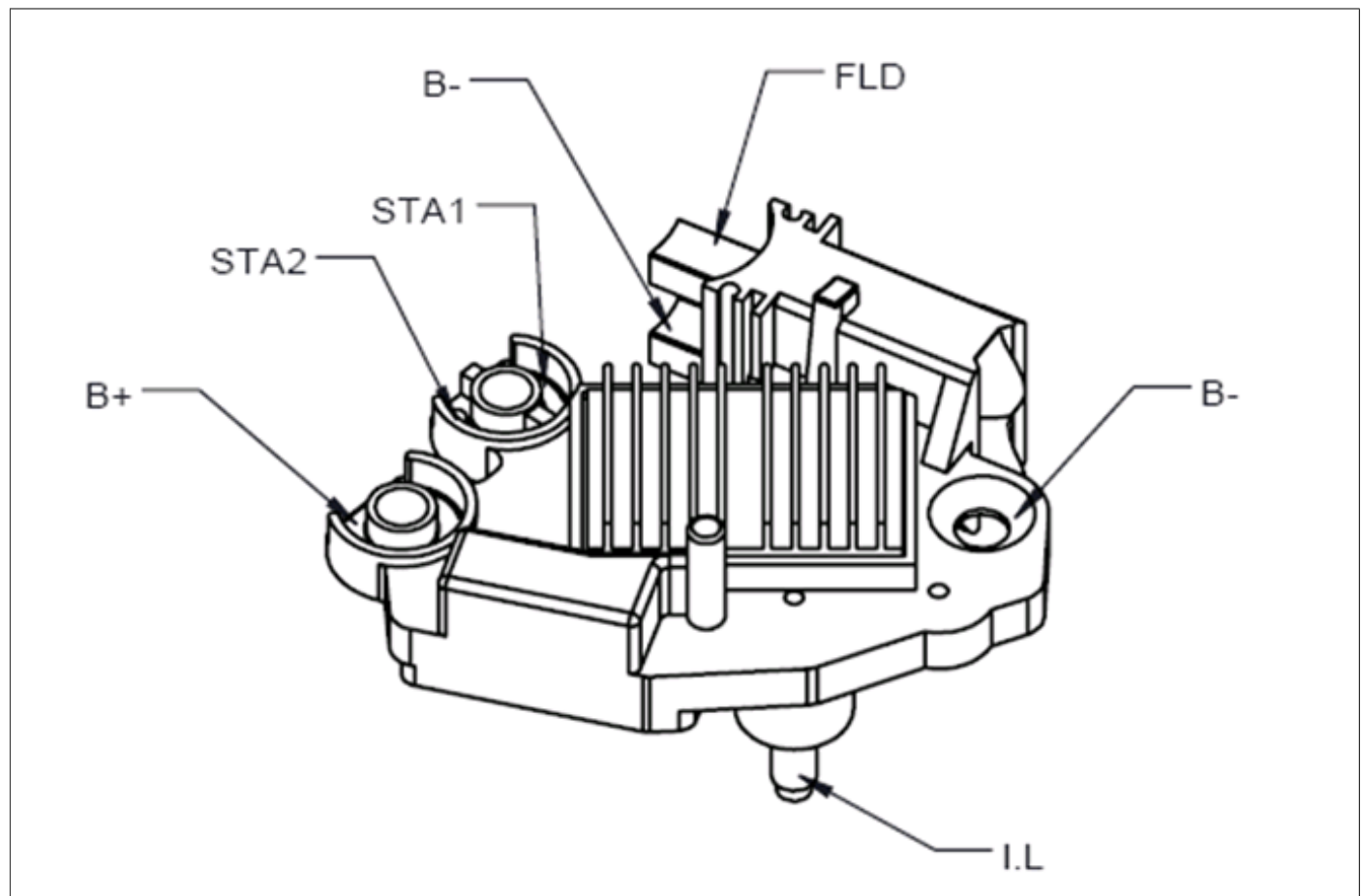
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

Disconnect the "light" terminal , voltage will drop to 12 volts.

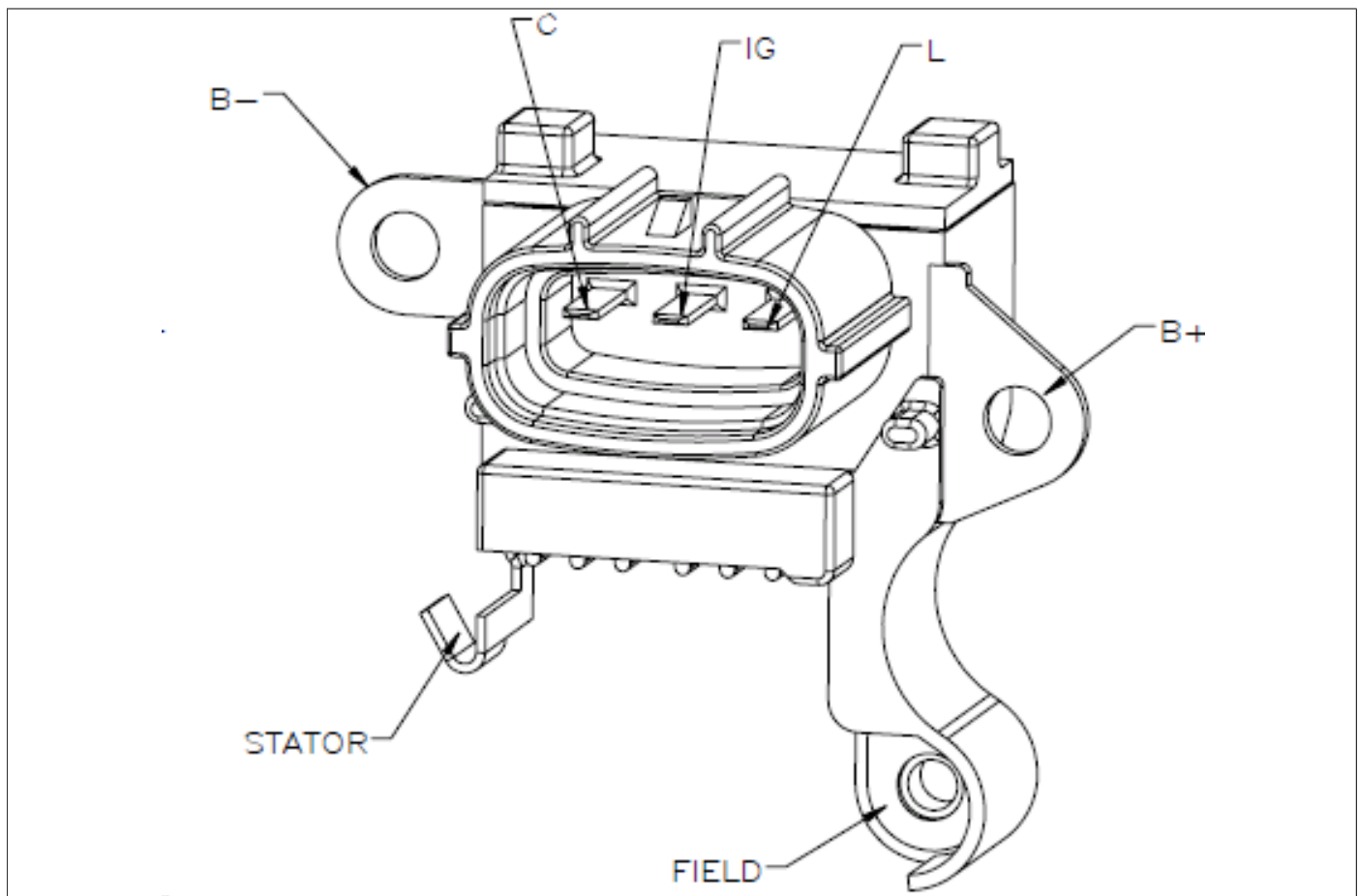


## TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6660	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect terminal "C" to B-, the voltage will drop to 12.8 +/-0.2V.



## TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM382	A	24	28.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

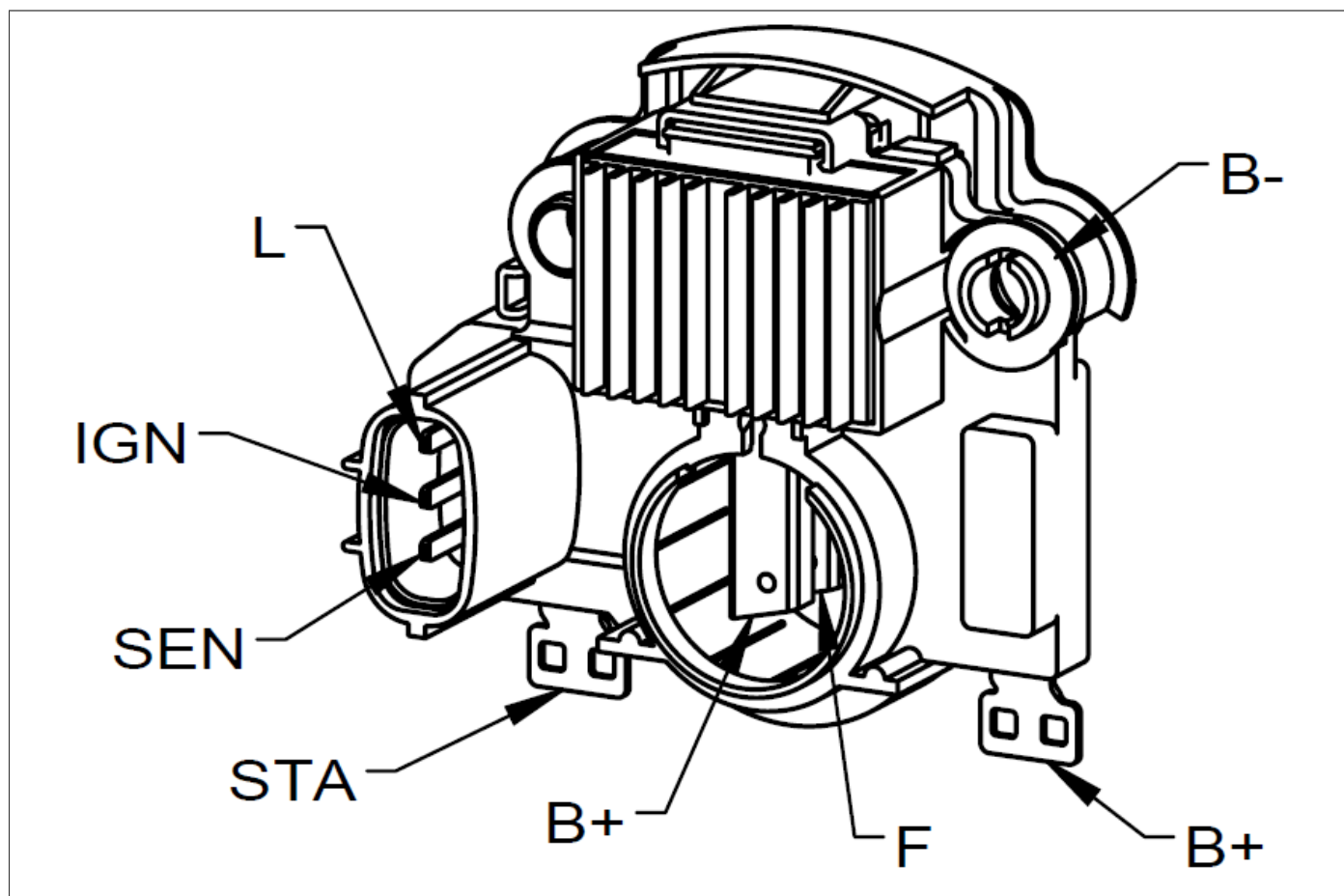
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator terminal, disconnect the Sense, the "Lamp Indicator" will turn on and the set point will be 28.5V +/-0.2V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM383	A	24	28.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

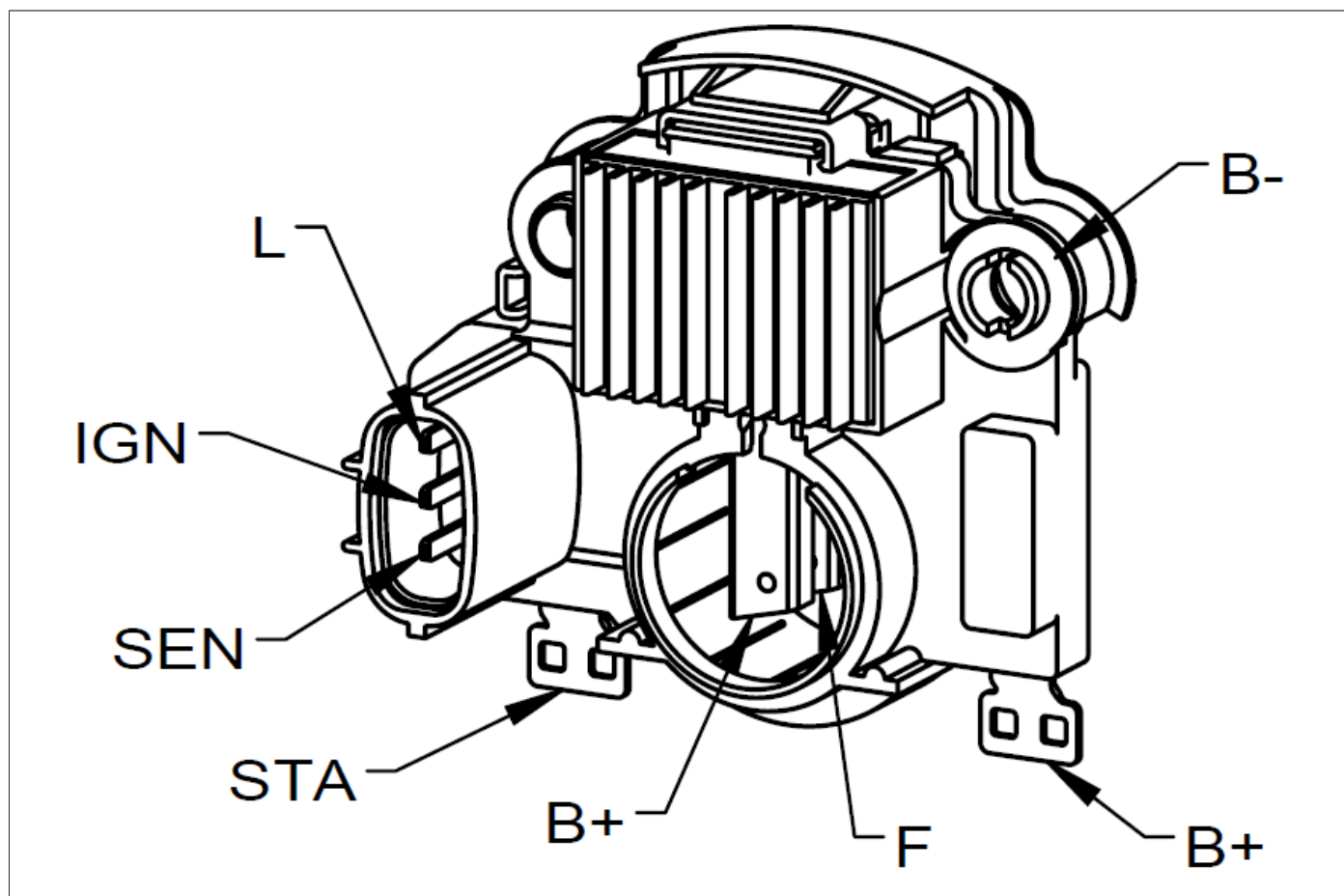
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

## 3. Amendments or Additional Tests:

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator terminal, disconnect the Sense, the "Lamp Indicator" will turn on and the set point will be 28.6V +/-0.2V.



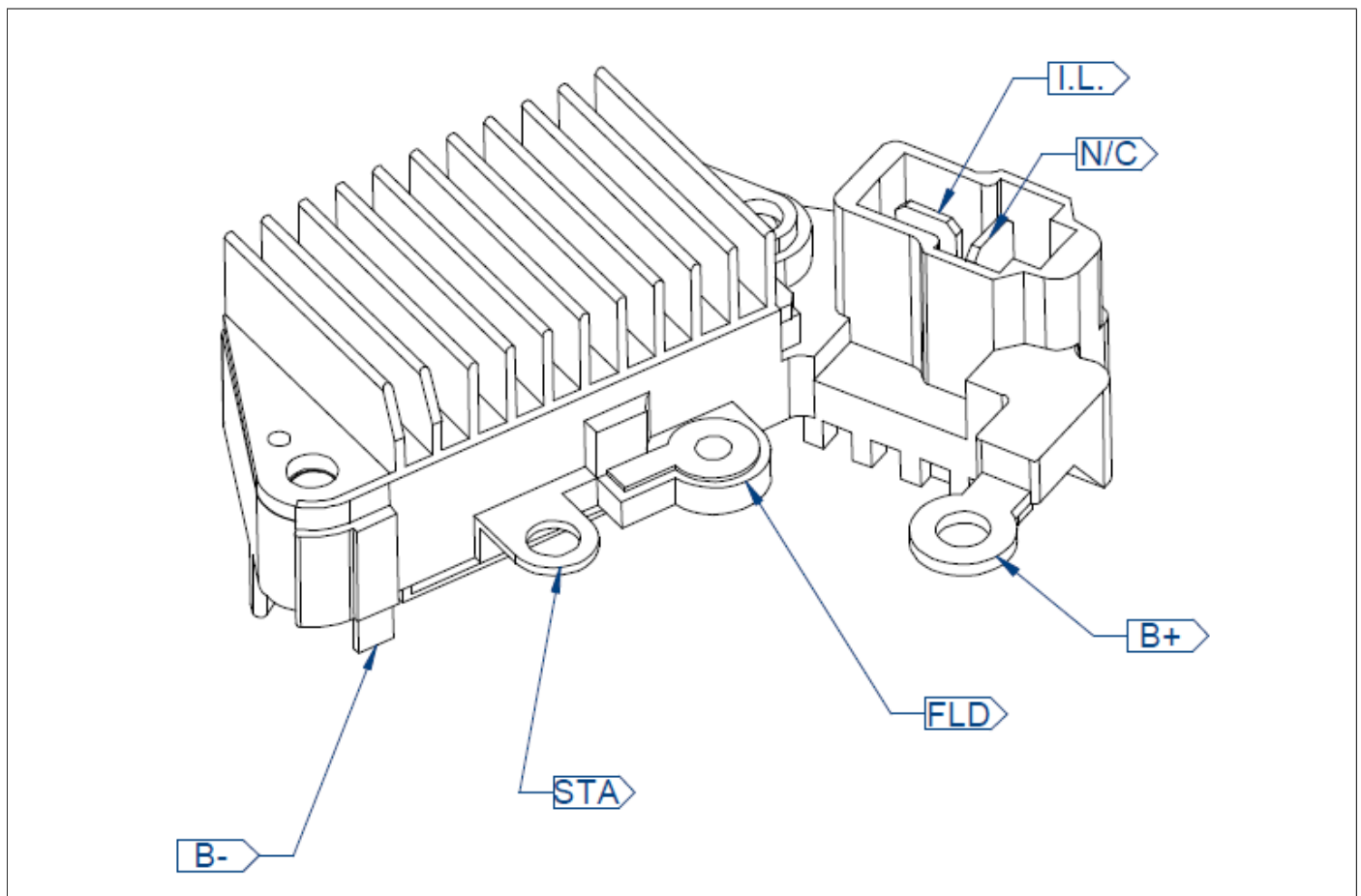


# TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN254-LM	A	12	14.4				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Push the Choke switch and the "Choke Drive" will turn on.

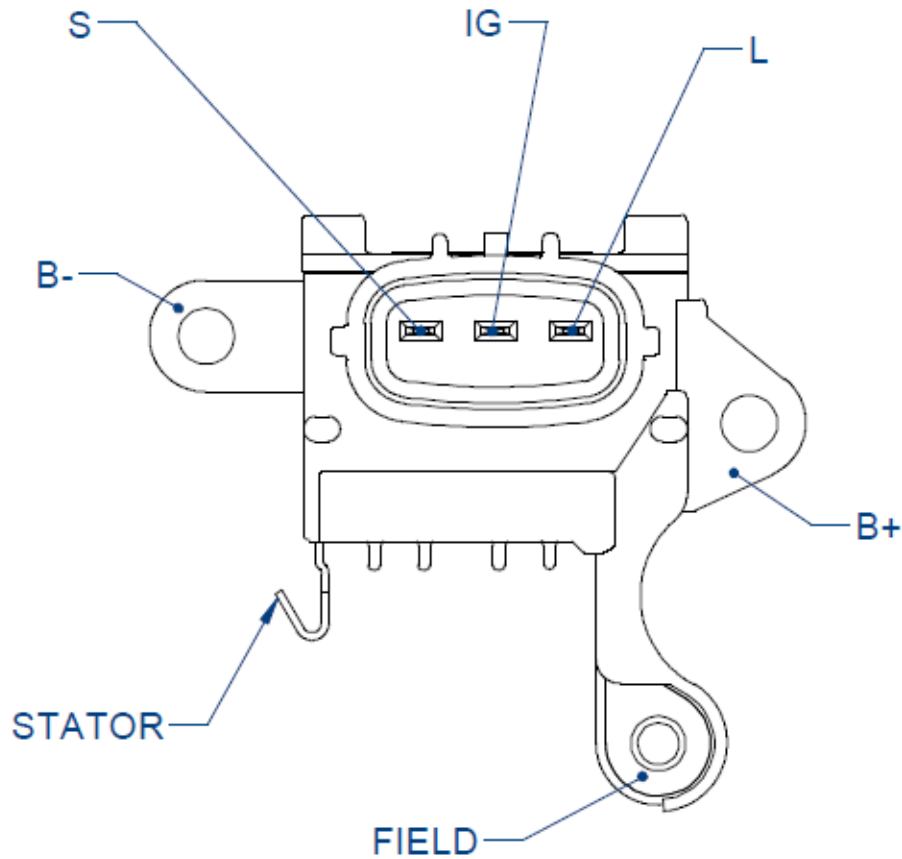


## TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6001-LM	B	12	14.8				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect Stator, the Lamp Indicator comes on.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

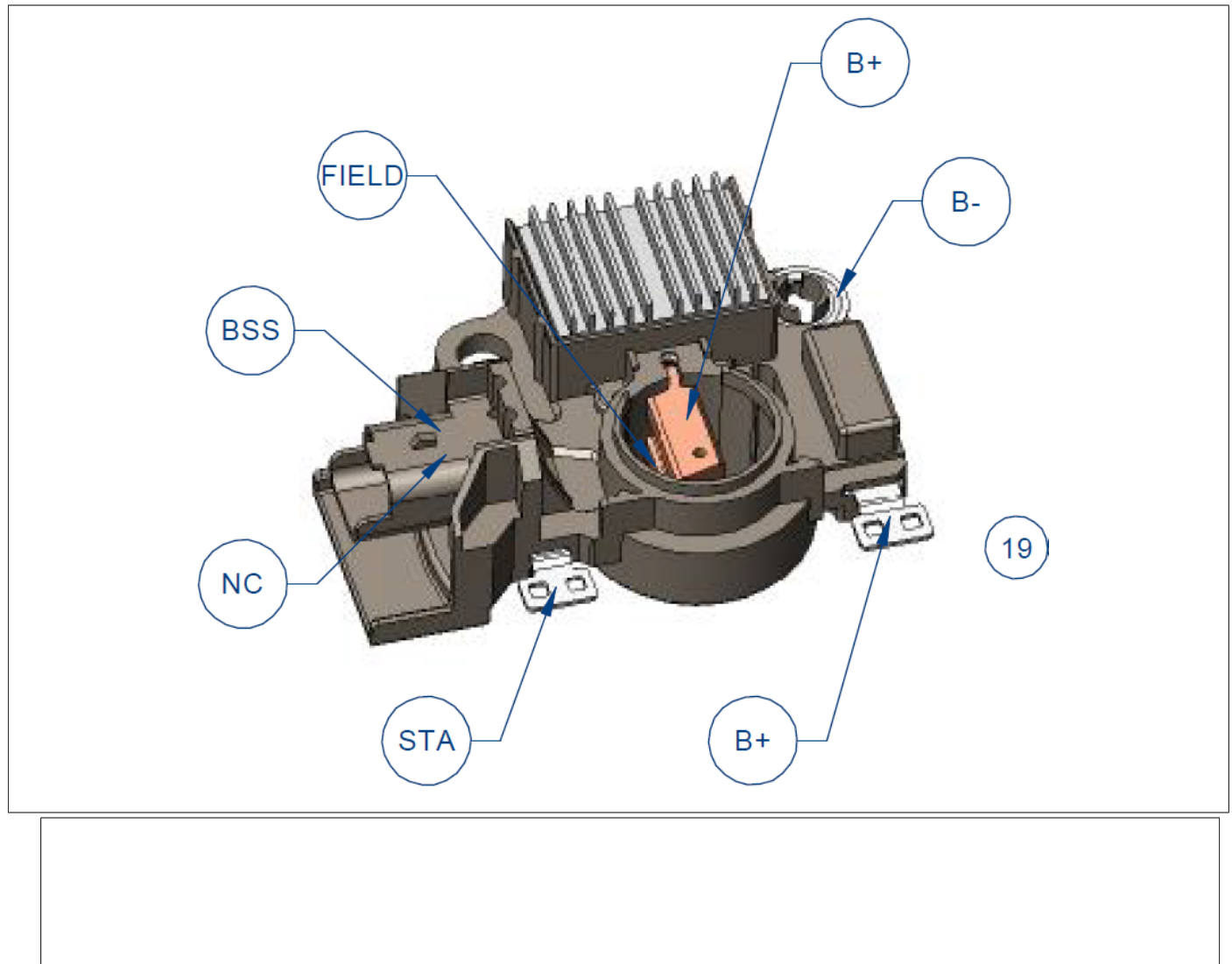
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM912	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch 'COMM VOLTAGE' to 13V, 14V or 15V, range is +/-0.2V.

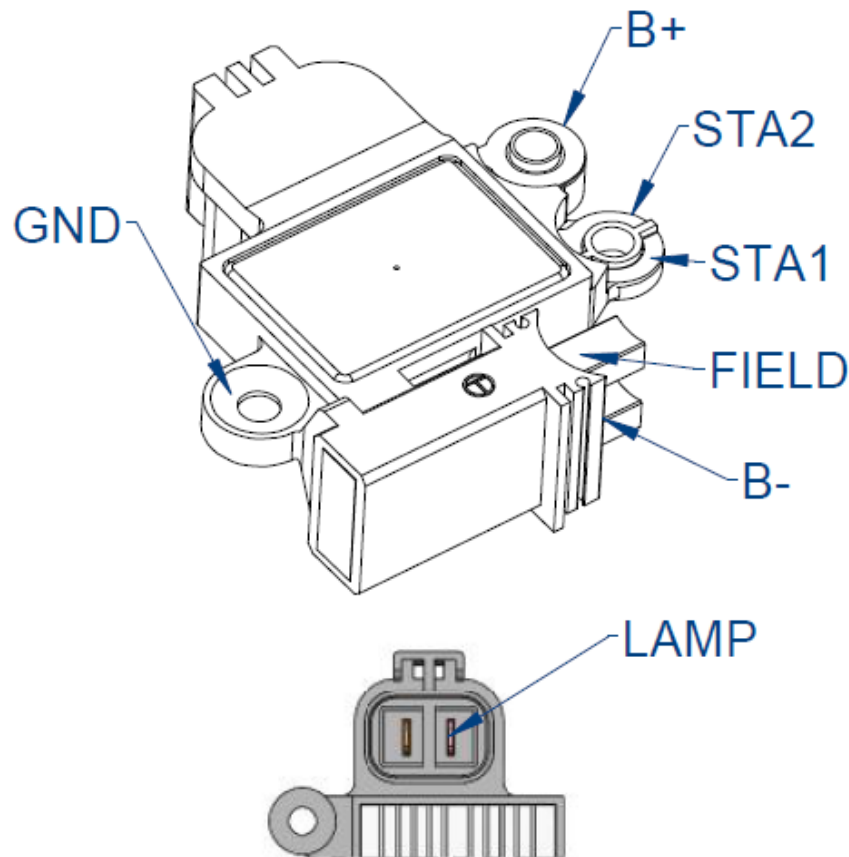


## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M532	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D1334	B	24	28.0				

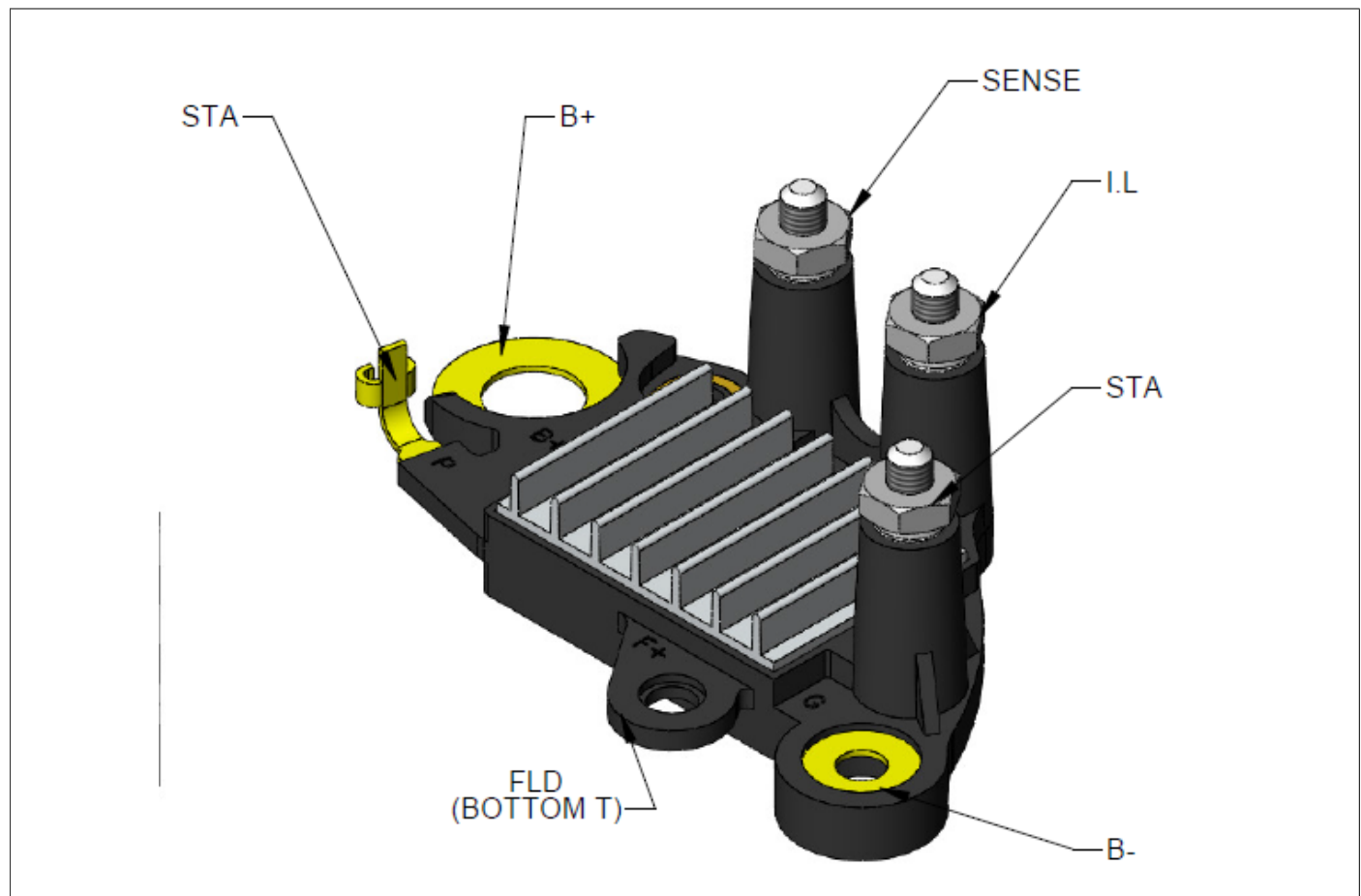
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the "Over Voltage" switch and the "Lamp Indicator" will turn on.

Push the Choke switch and the "Choke Drive" will turn on.



## TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

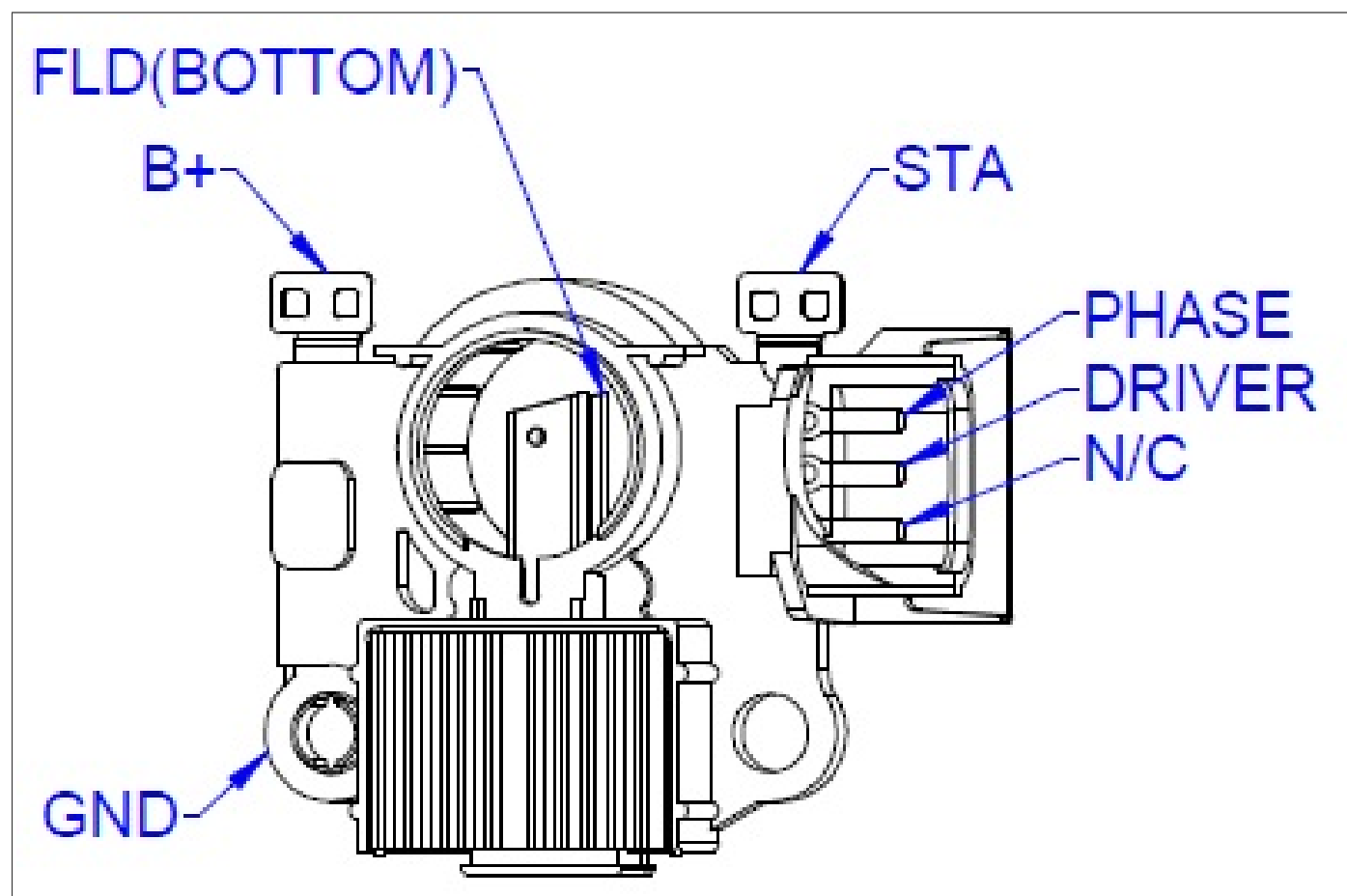
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM581	A	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

- IM581 has D-P terminal functions: D=Drive, P=Phase.
- D-P Type Regulators are immediately damaged if tested using procedure typical to common S-L type regulators, where B+ Voltage would be applied to the D terminal position.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM633	A	24	28.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

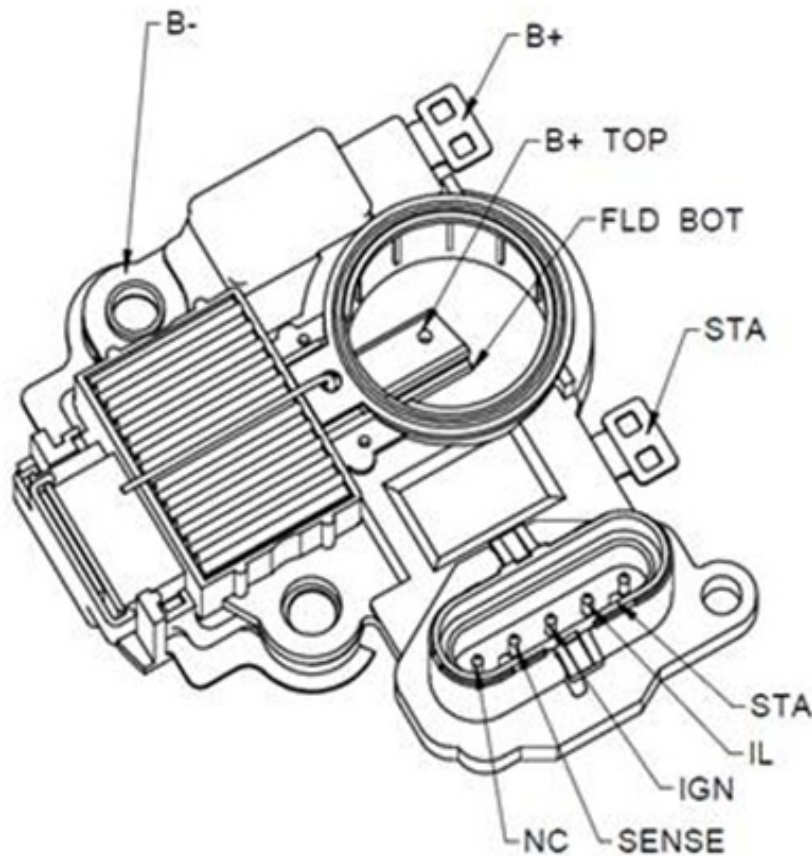
**3. Amendments or Additional Tests:**

Do not connect the FR terminal.

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Sense, the set point will be 28.5V +/-0.2V.

Reconnect Sense, disconnect the Stator terminal and the Lamp should turn ON.

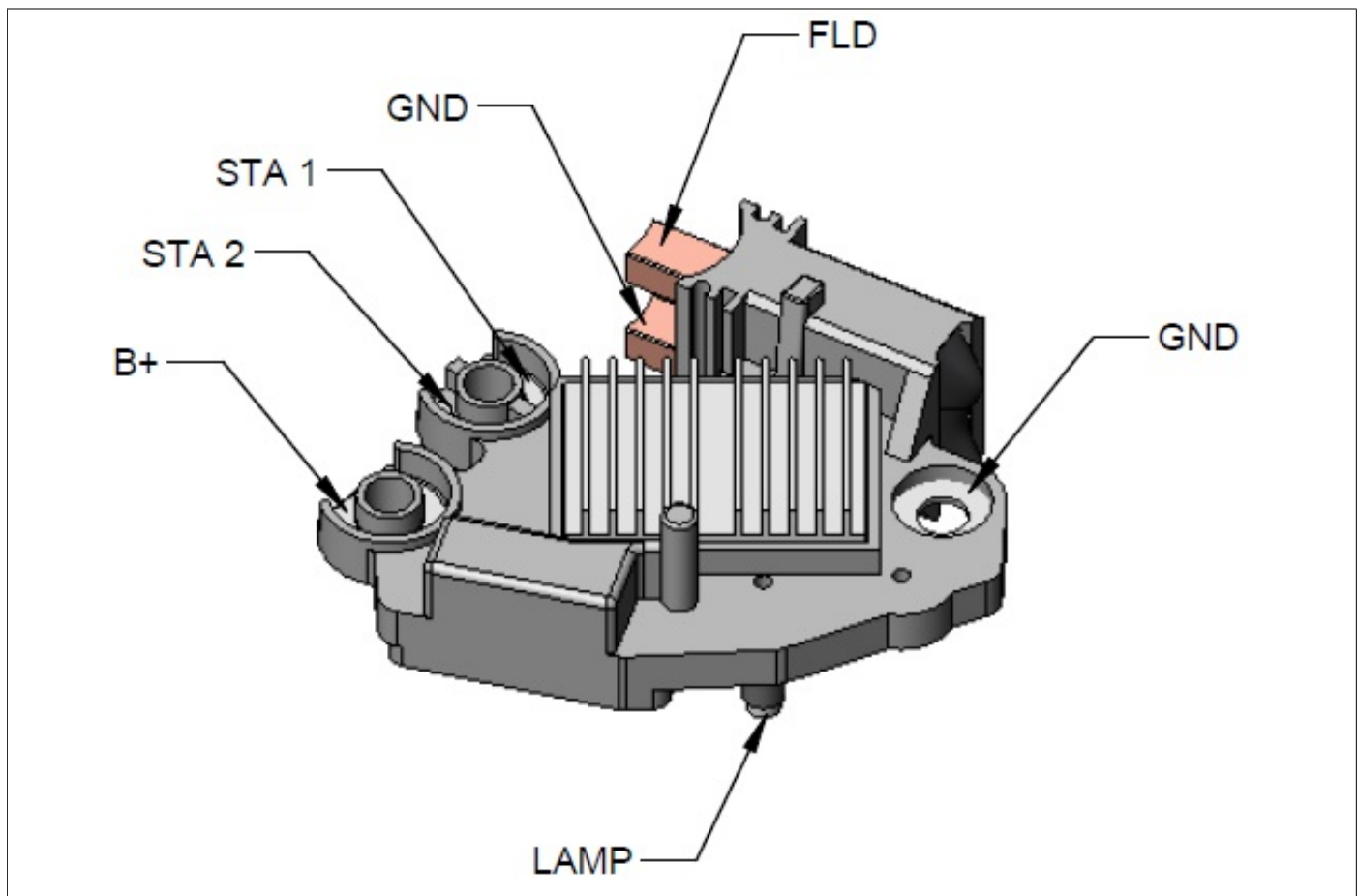


## TRANSCO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M638	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



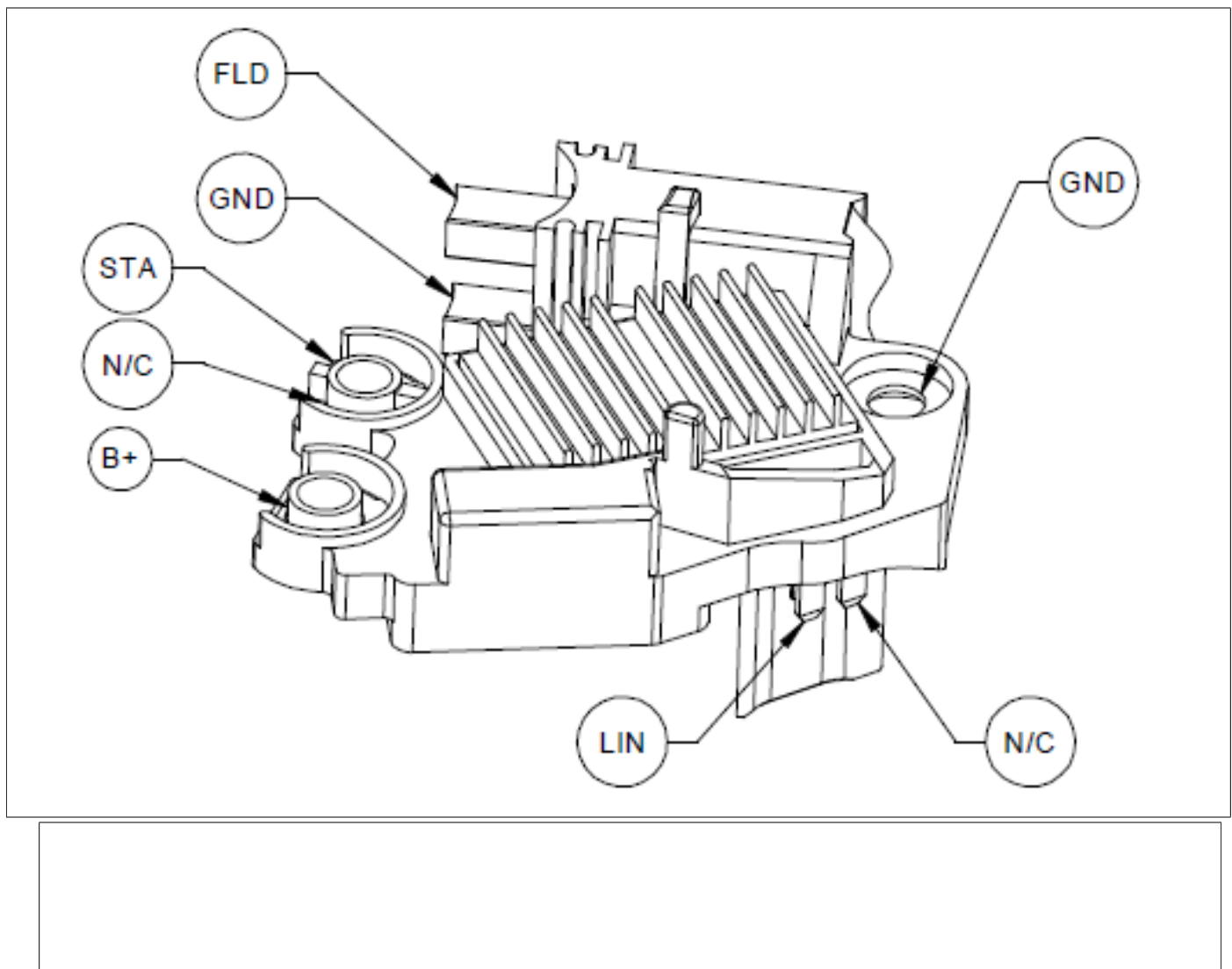


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M636	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

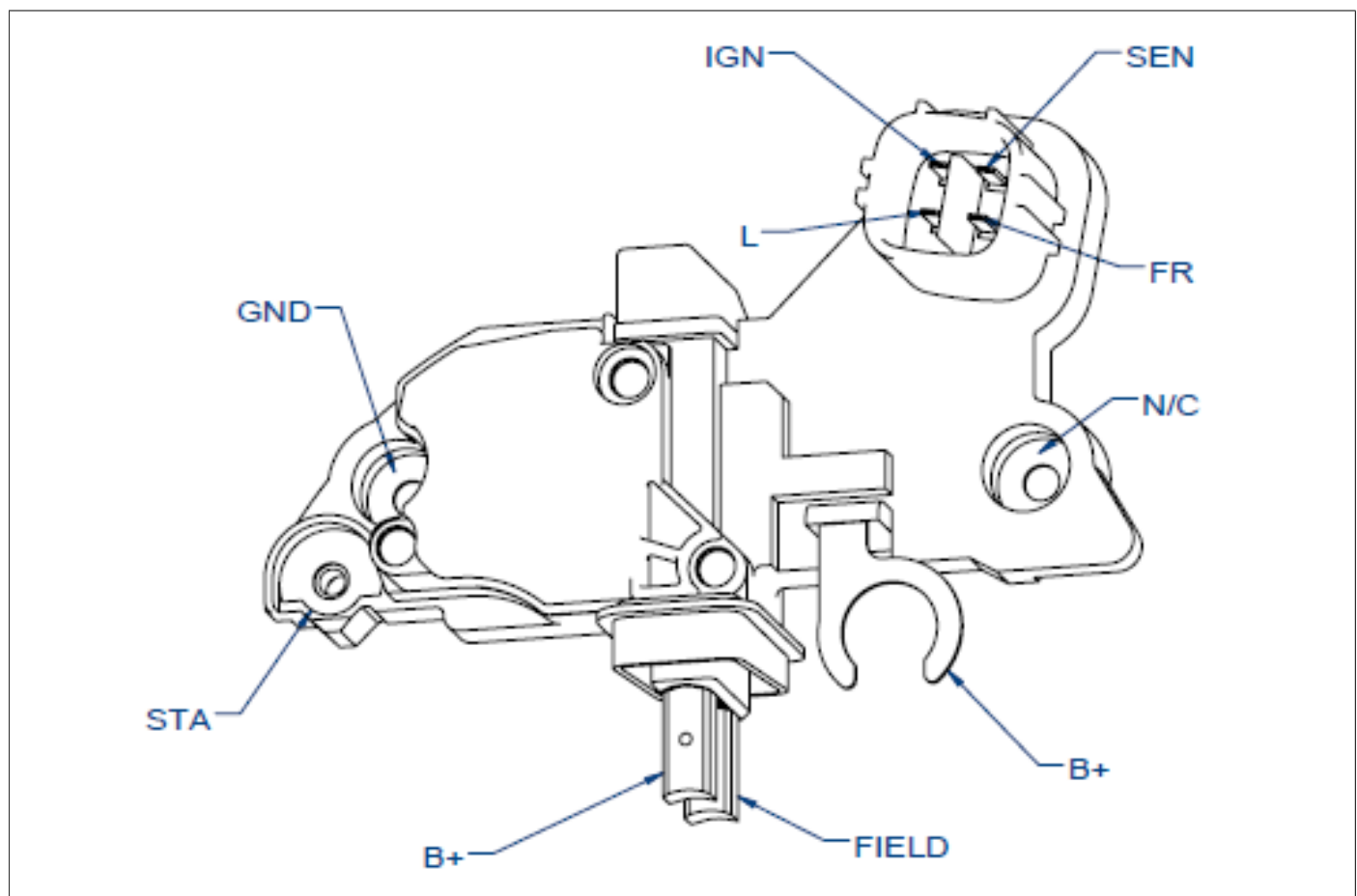


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB875	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for VALEO MOTOROLA type regulators

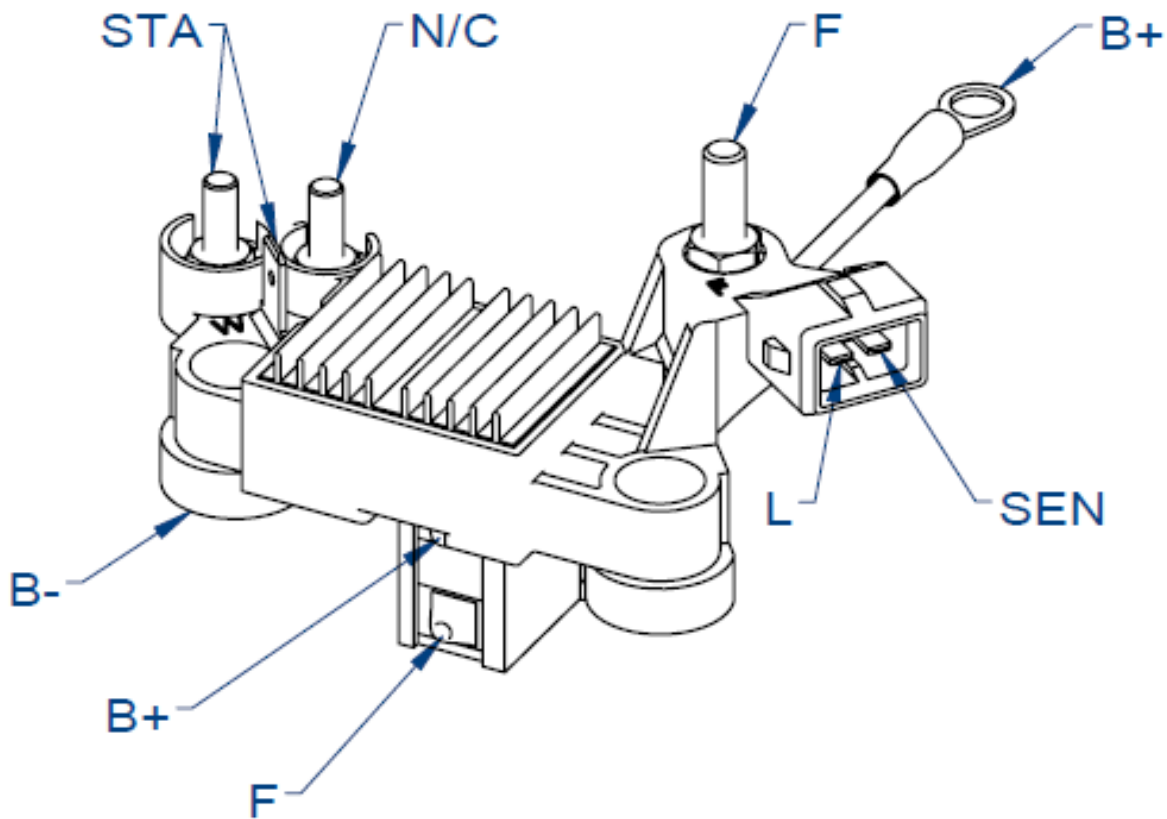
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
MP300	A	12	14.2				
MP300225	A	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint should be 14.9+/-0.2V
2. Reconnect Sense, disconnect Stator, the Lamp Indicator comes on.



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D1282	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

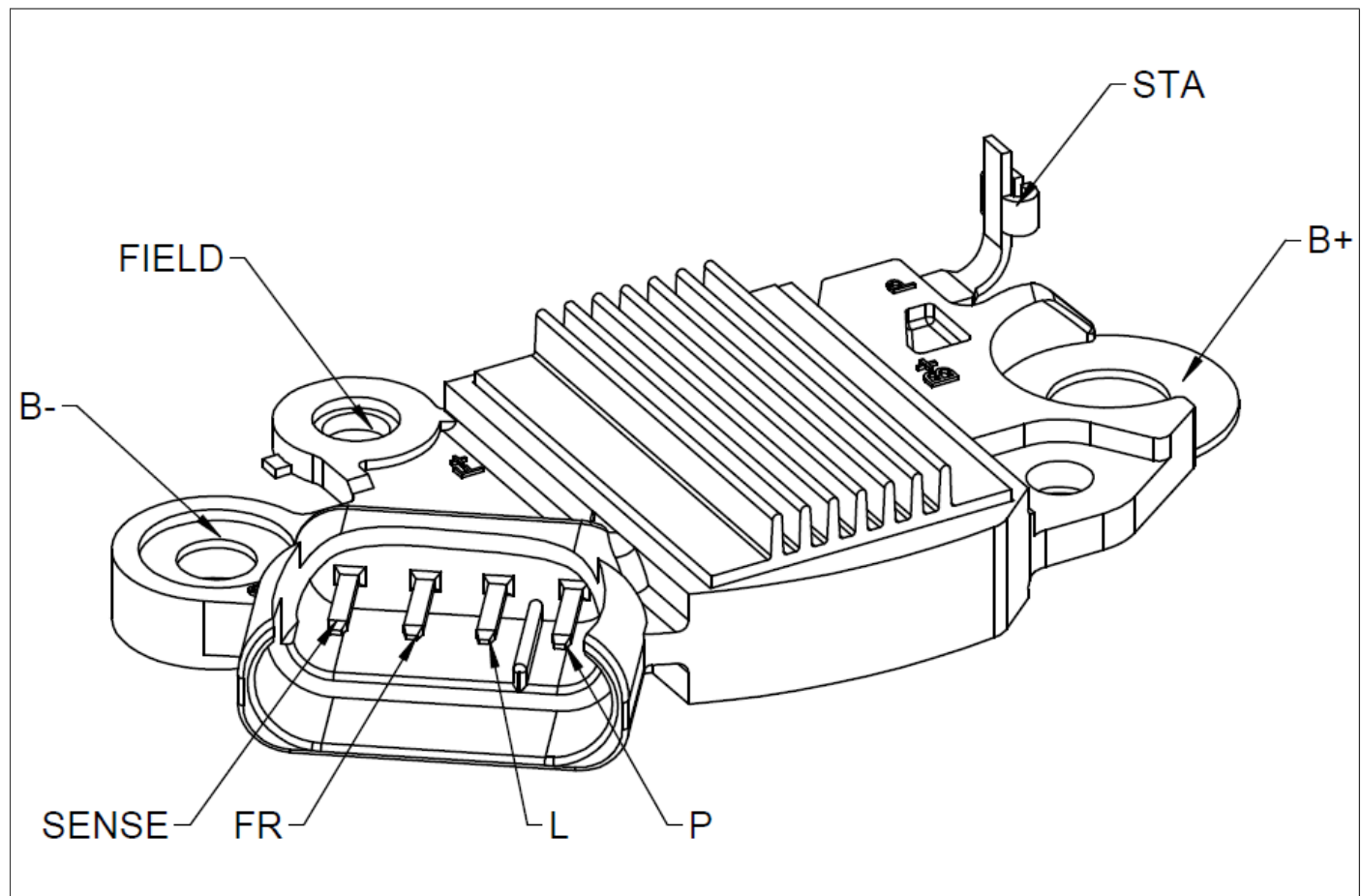
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect Sense Lead and verify the setpoint is 14.2+/-0.2v.

Disconnect Stator Lead and verify the Light is on.

Push the OVER VOLTAGE button and verify the Light is on.

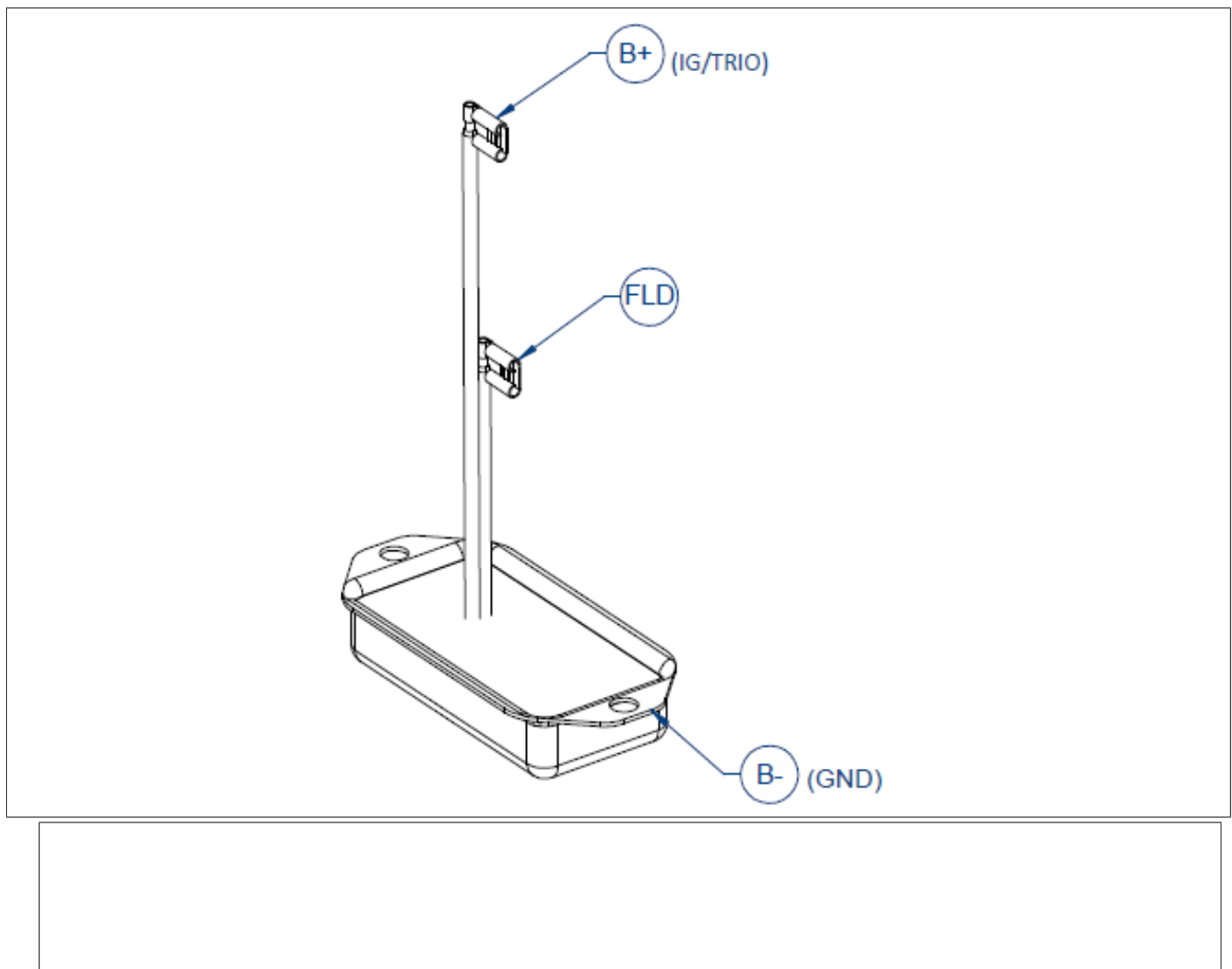


## TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB359B	B	12	14.7				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



## TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM826	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

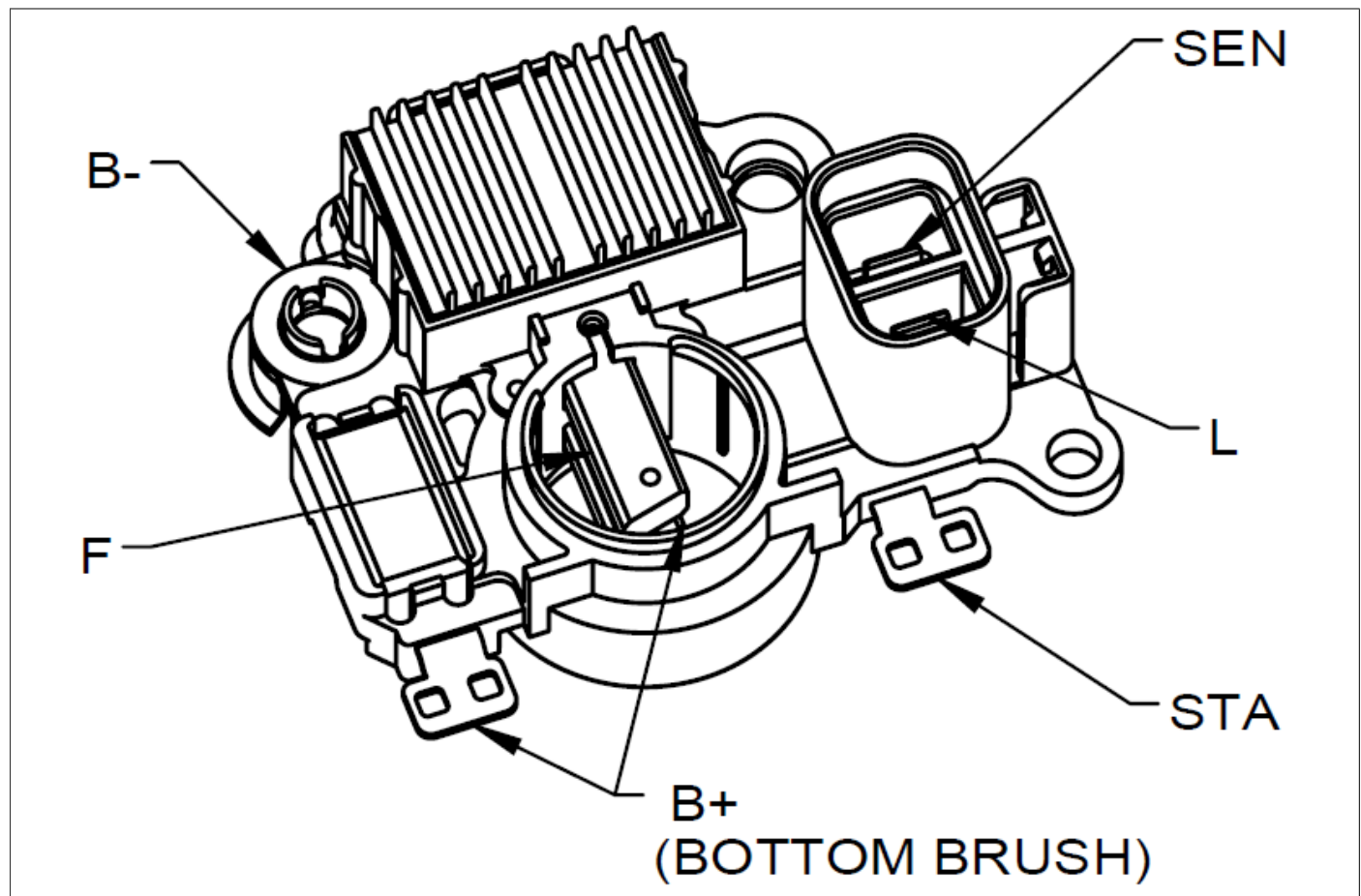
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the "Over Voltage" switch and the "Lamp Indicator" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.

Reconnect the Stator terminal, disconnect the Sense, the "Lamp Indicator" will turn on and the set point will be 15.5V +/-0.2V.

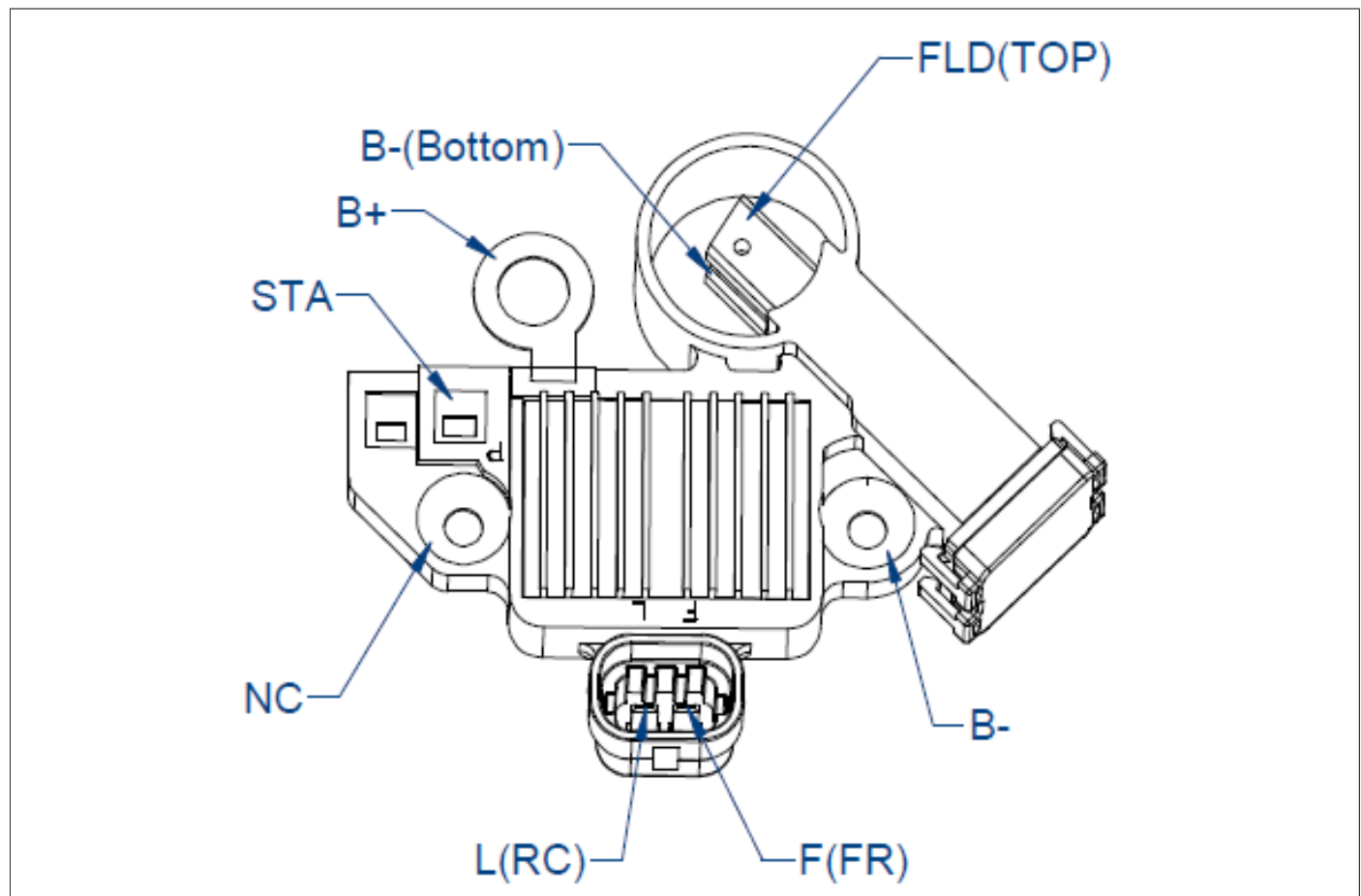


# TRANSPO TESTER INSTRUCTIONS

for \_\_\_\_\_ type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D2112	B	12	13.8				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

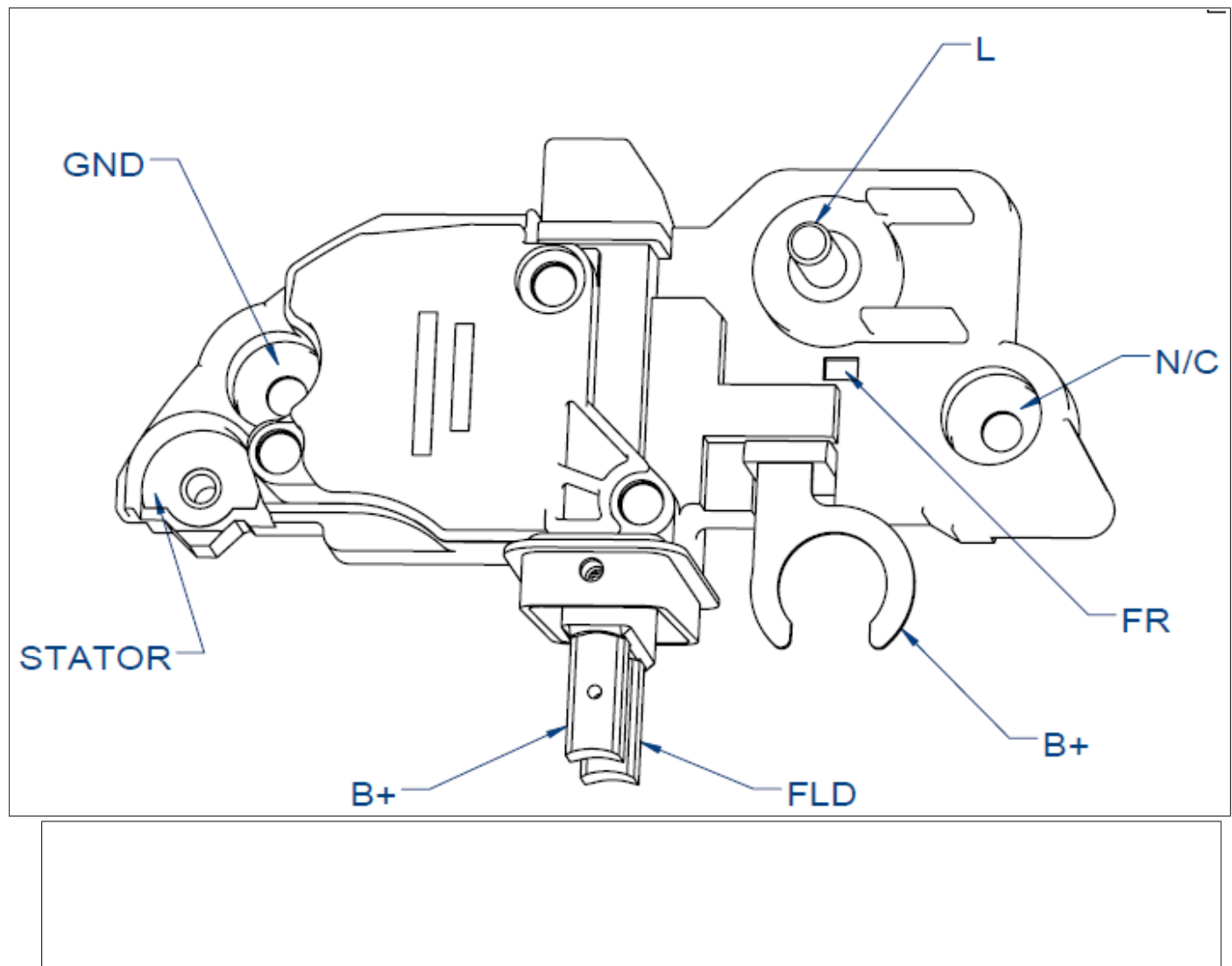


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB679	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal and the Lamp should turn ON.





# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

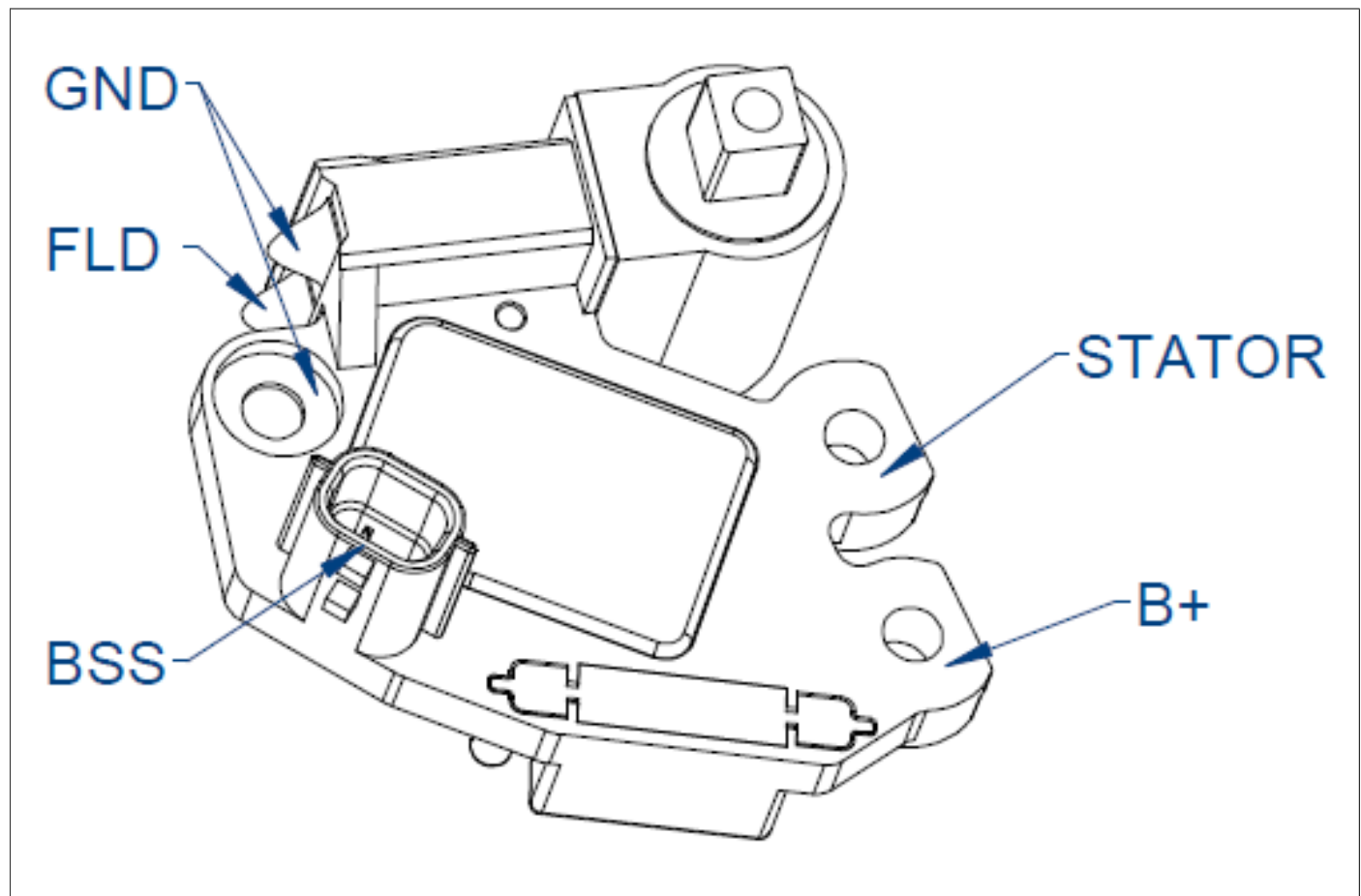
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M586	B	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

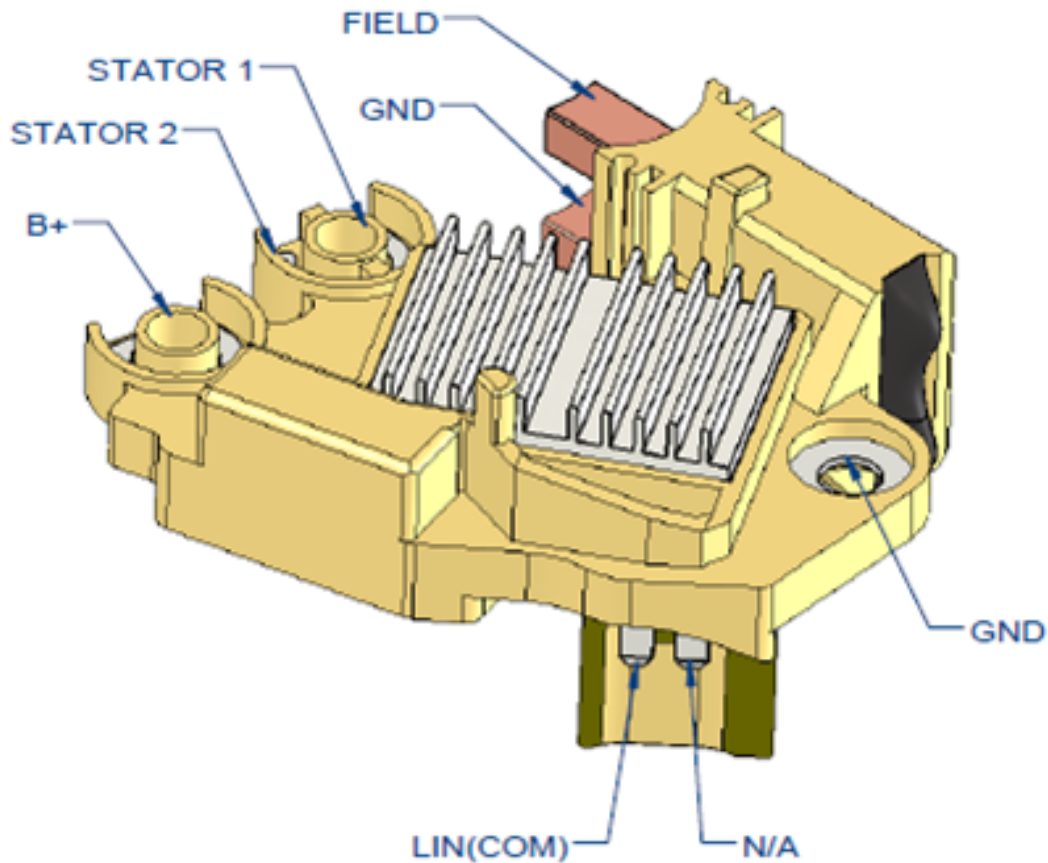
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M233	B	12	14.3				
M234	B	12	14.3				
M236	B	12	14.3				
M610	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

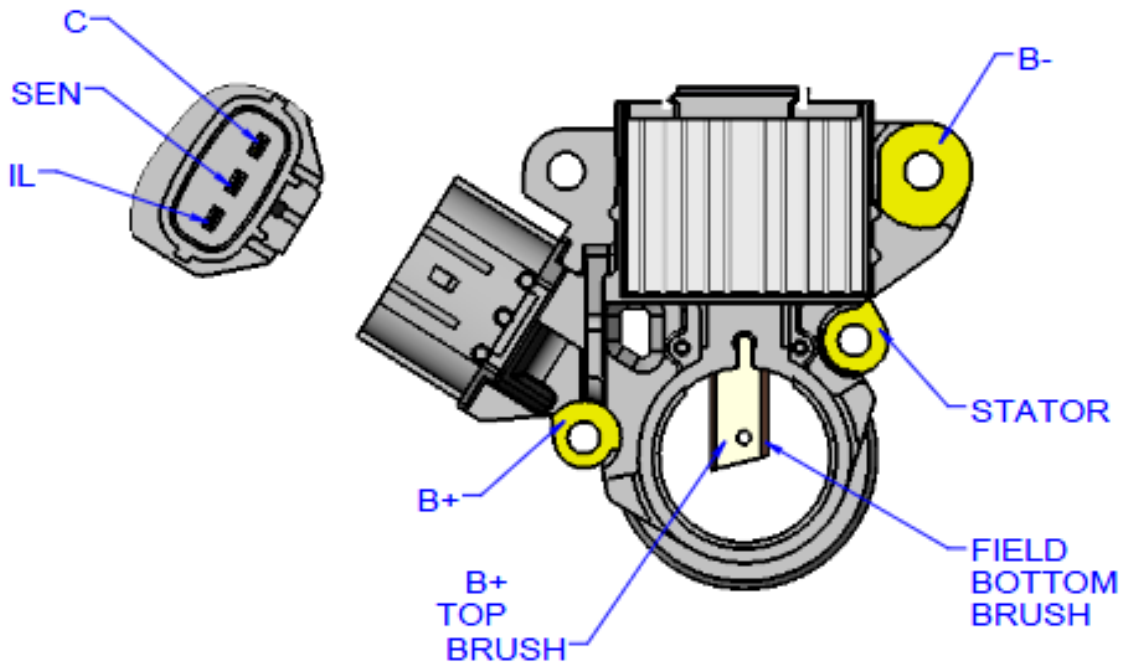
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM626	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

1. Disconnect Sense, the setpoint should be 15.5+/-0.2V.
2. Reconnect Sense, connect C to B-, the setpoint should be 13.1+/-0.2V.
3. Disconnect C, disconnect Stator, the Lamp Indication comes on.
4. Reconnect Stator, the Lamp Indication comes on



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM627	A	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

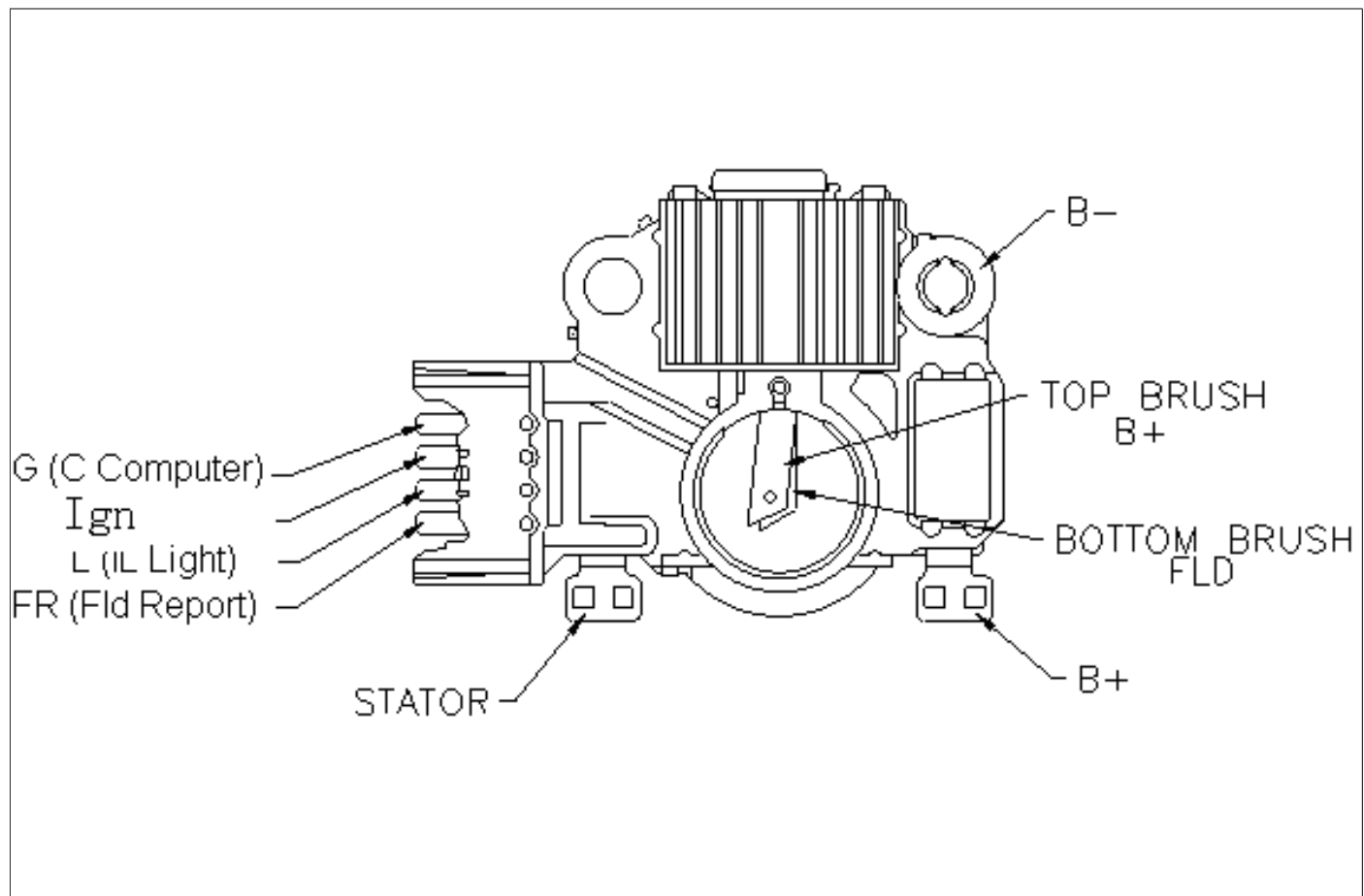
### 3. Amendments or Additional Tests:

Do not connect FR and C.

1. Disconnect Stator, the Lamp Indicator comes on and the Field Circuit LED should be dim.

2. Reconnect Stator, and connect the C terminal to B-, the set point should be 13.35+/-0.2V.

3. Disconnect C terminal, push the Over Voltage button on the panel, the Lamp Indicator comes on



# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F794XHD	A	12	14.4				

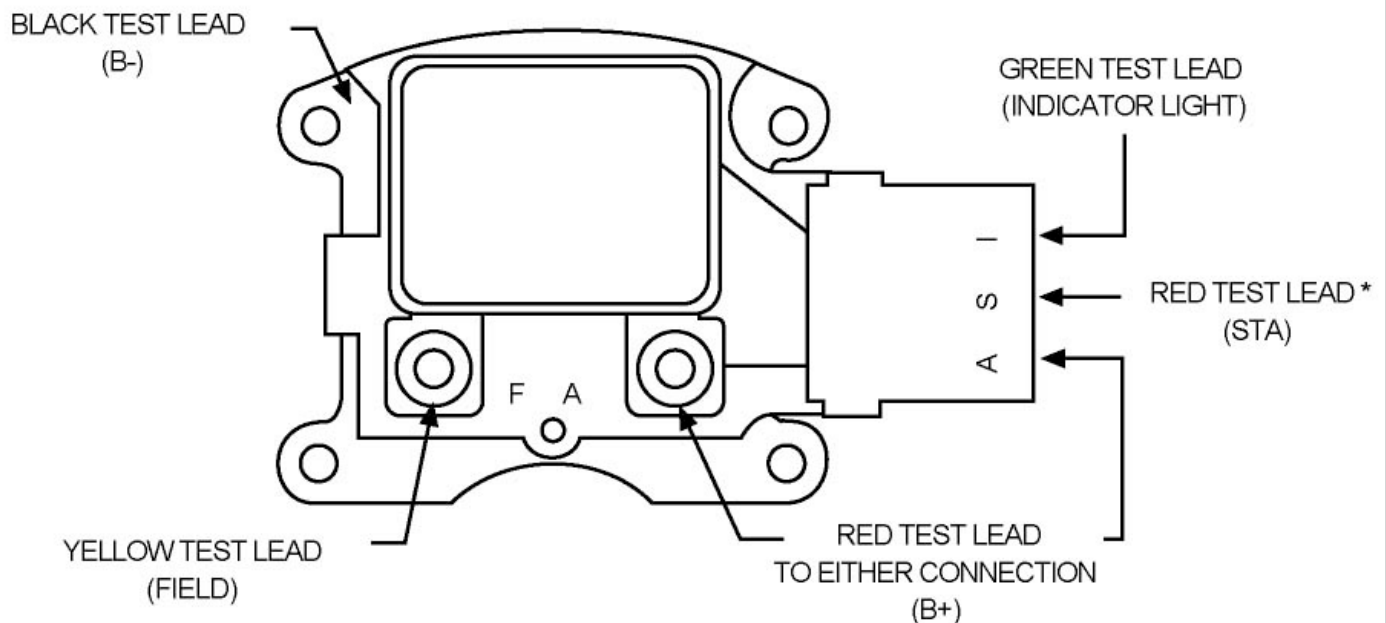
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Remove red test lead from terminal marked "S". Indicator light should turn on and the meter will still indicate the set point voltage. Removal of test of leads from "S" and "I" will result in field lamp turning off and the meter reading 12V.

To check for over Voltage, push the "Over Voltage" switch and the "Lamp Indicator" will turn on.

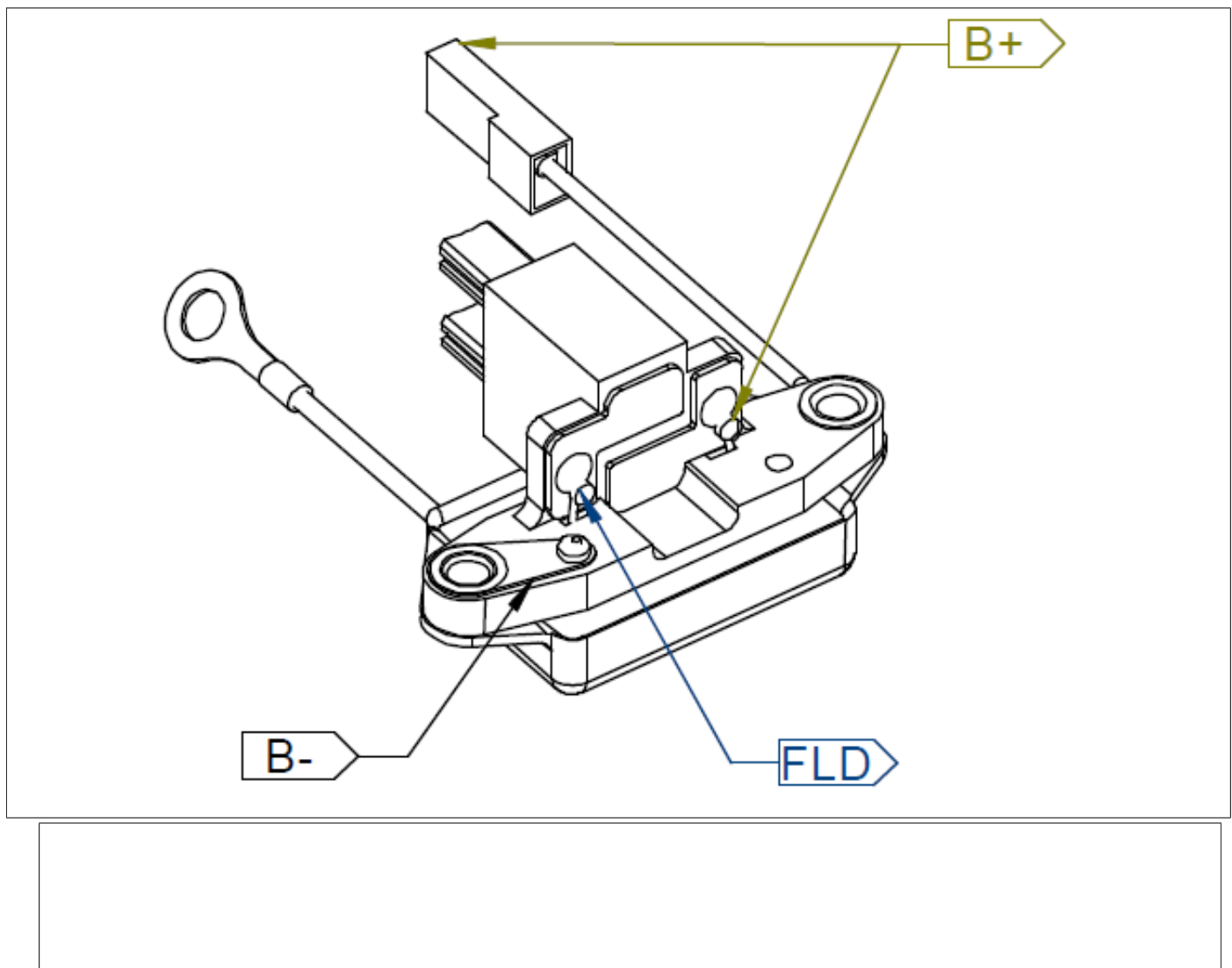


# TRANSPO TESTER INSTRUCTIONS

for MAGNETON-PAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
MP291F	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

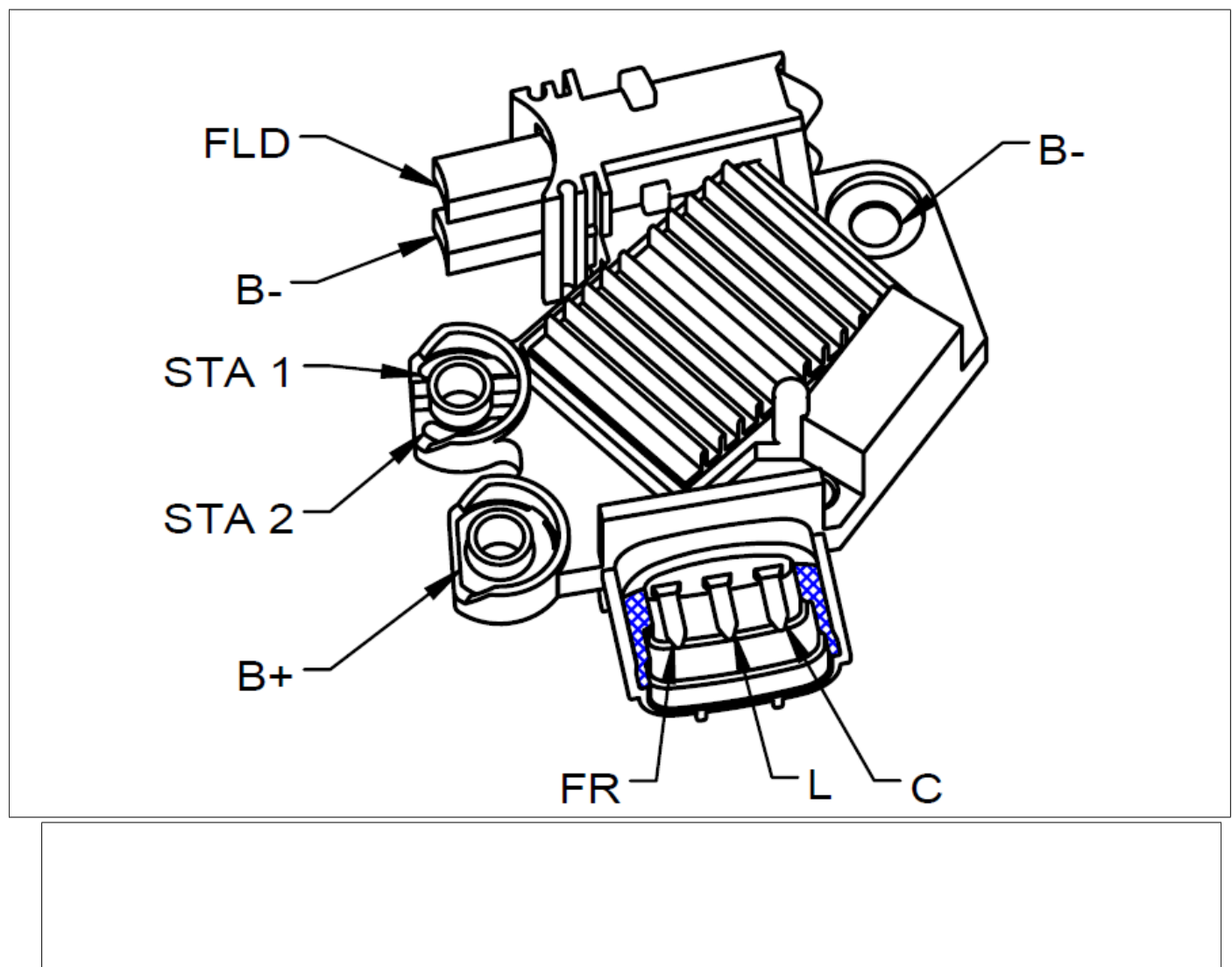


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M593	B	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

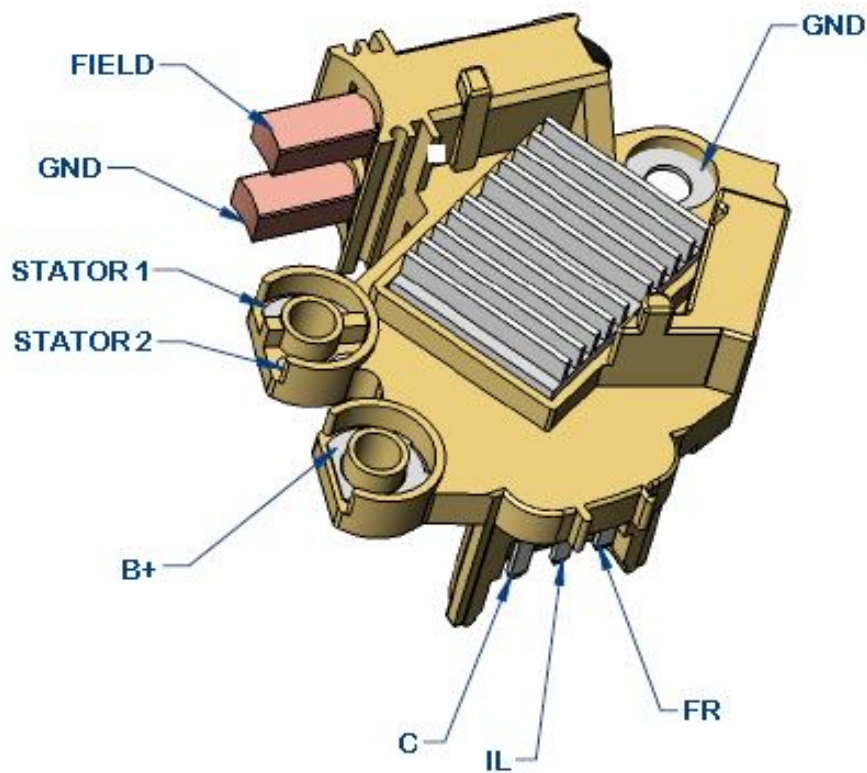


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M633	B	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

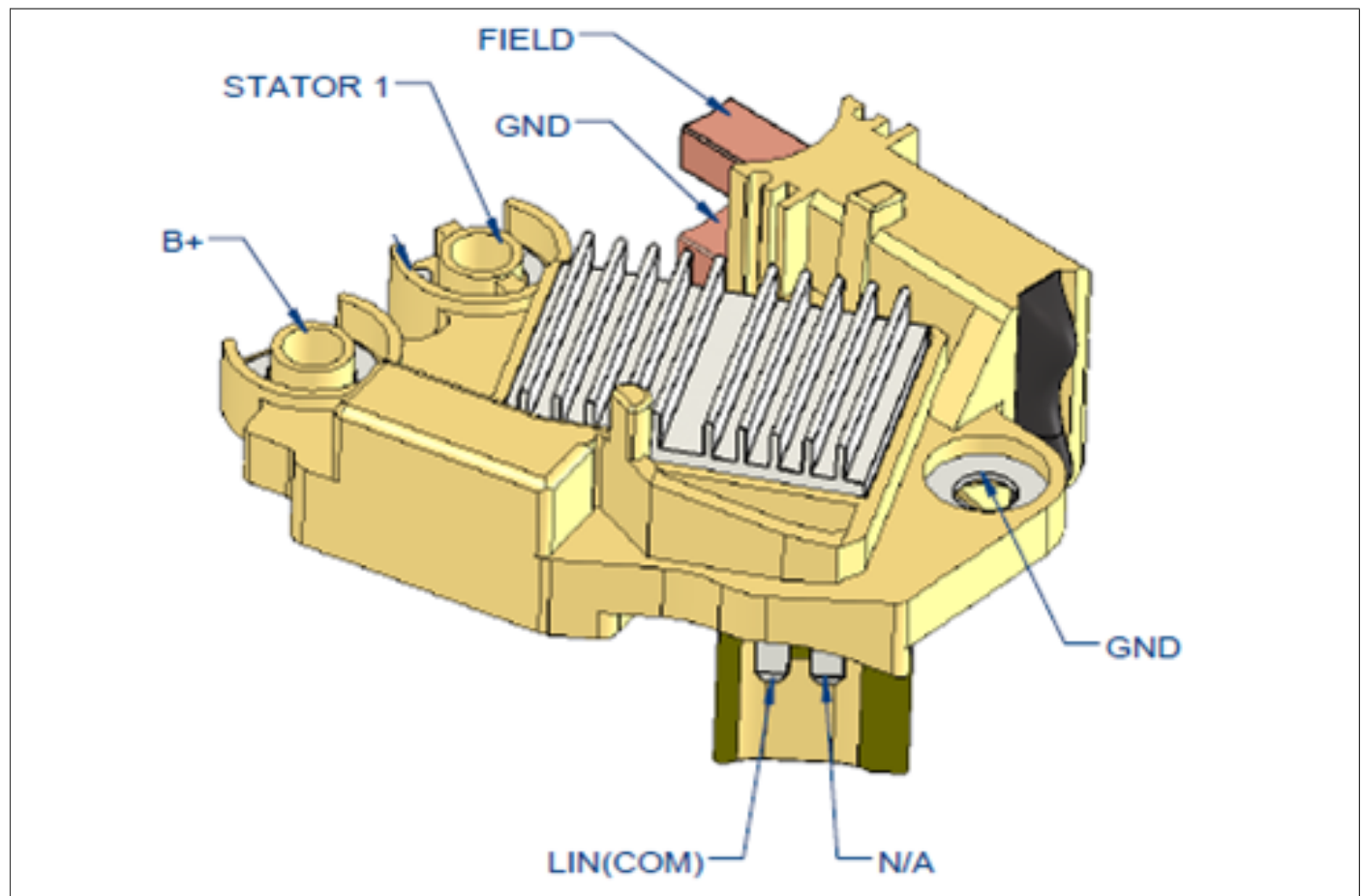
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M601	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

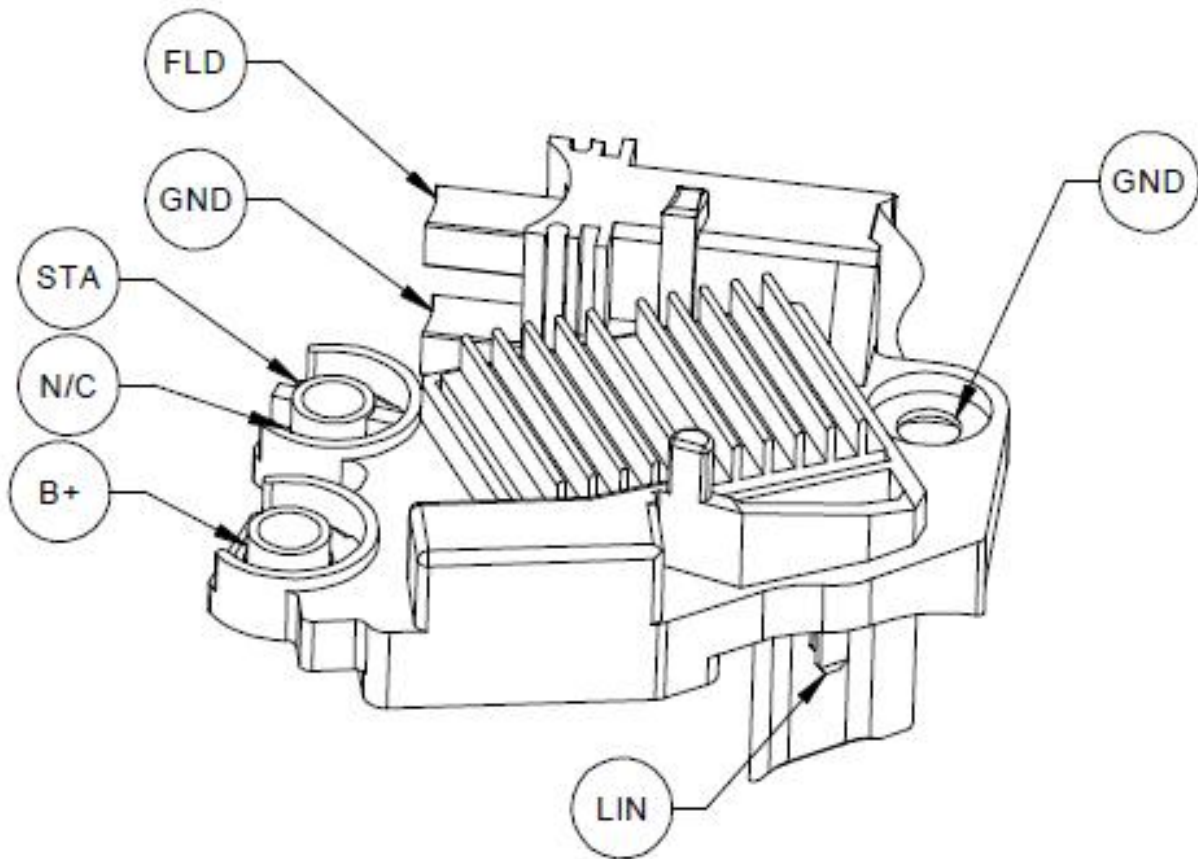
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M603	B	12	14.3				
M620	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

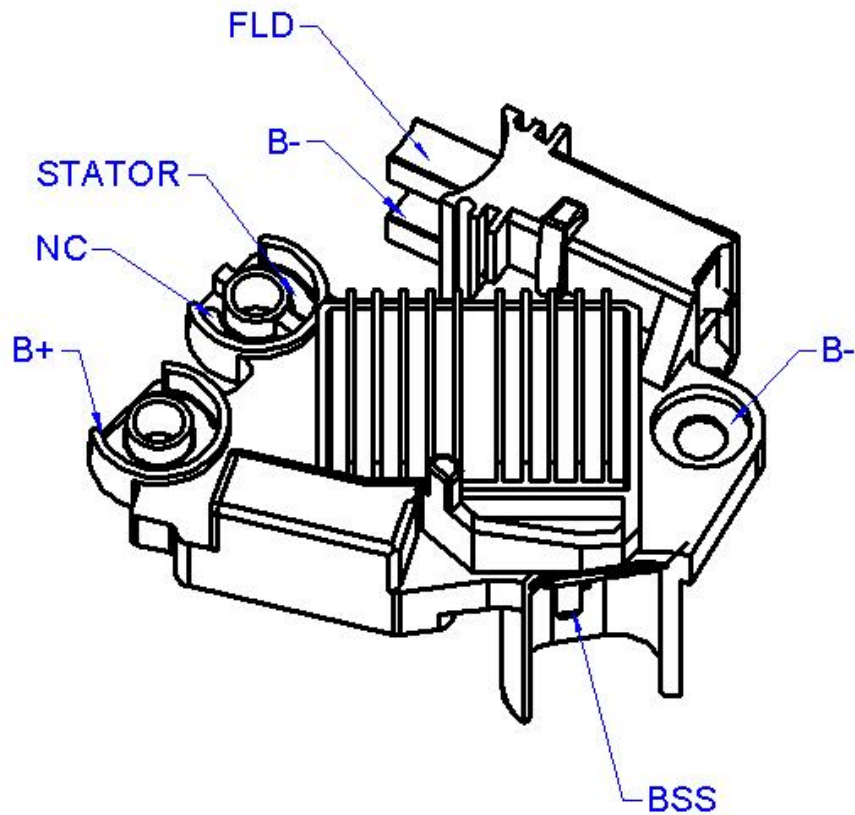
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M600	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

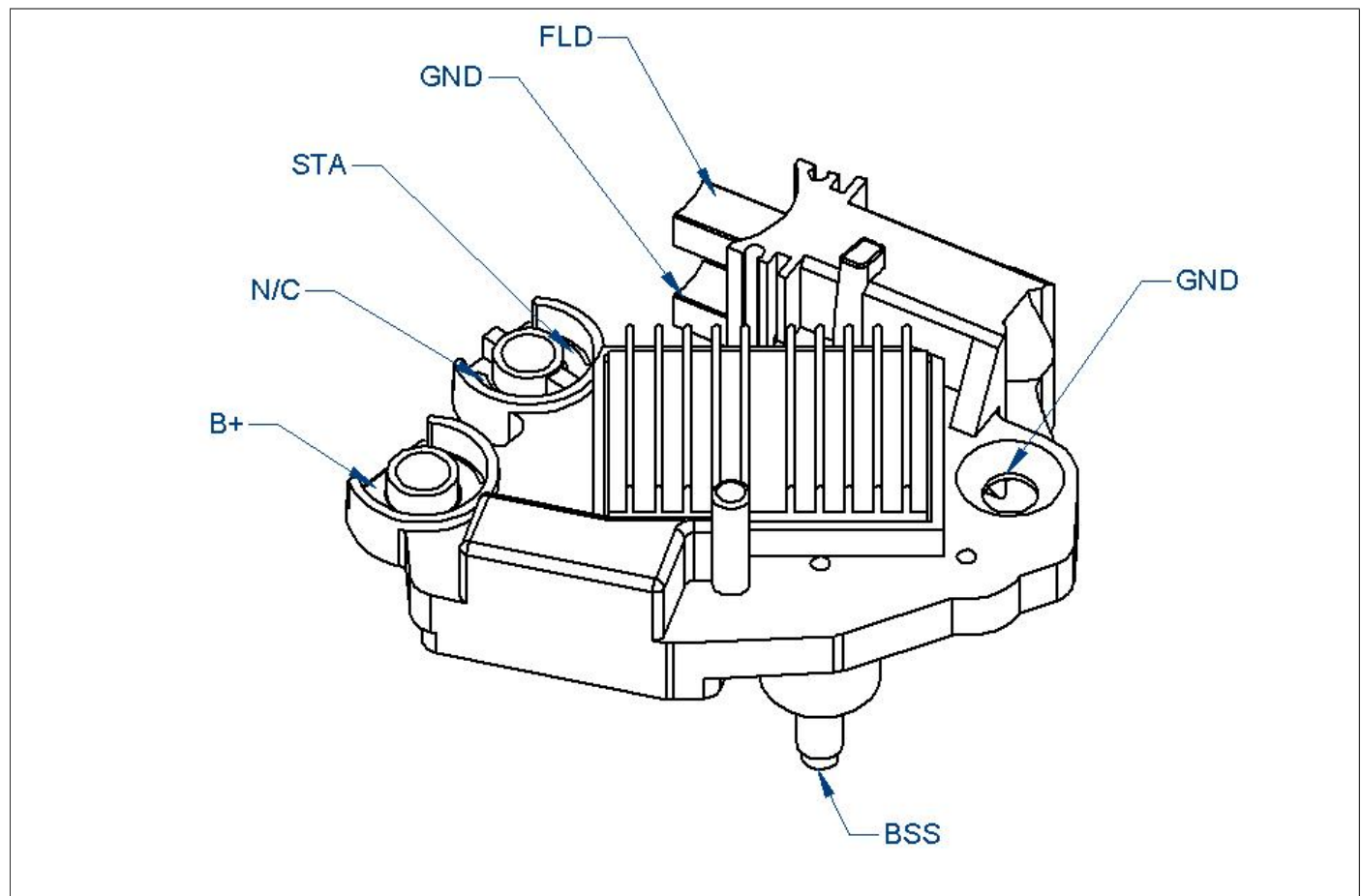
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M464	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



## TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

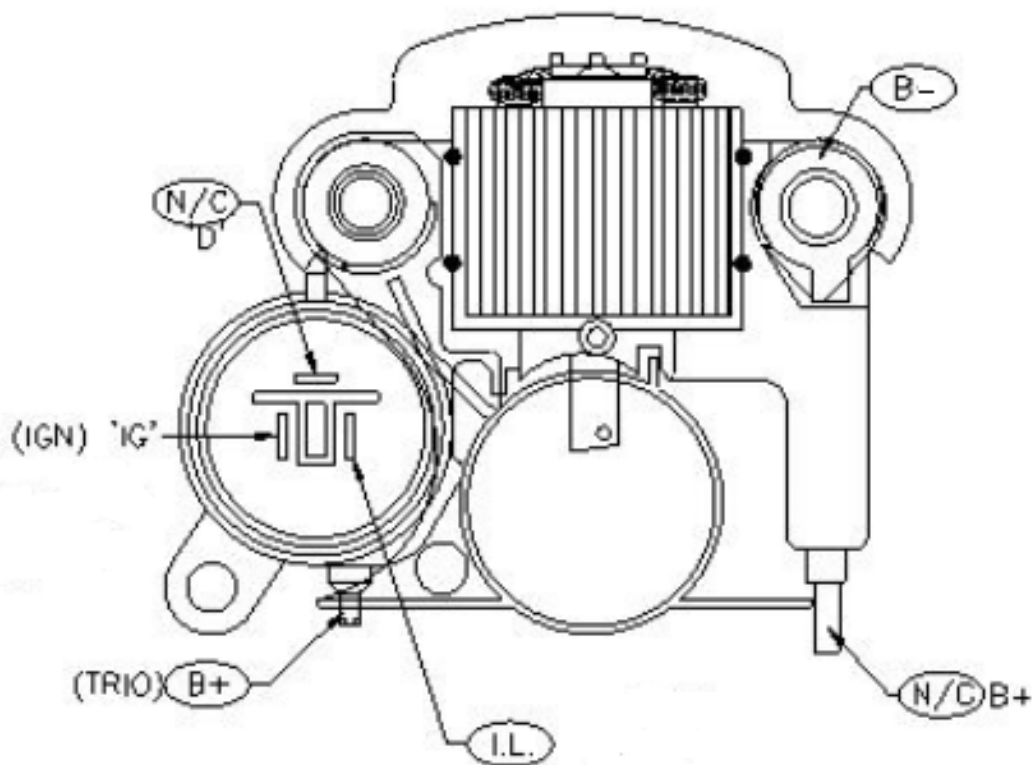
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM275CN	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect the TRIO and IL connections from the VRC2010,  
the VRC2010 alarm beeps and set point on the DMM is about **15.2V**.



## TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D2024	B	12	*13.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

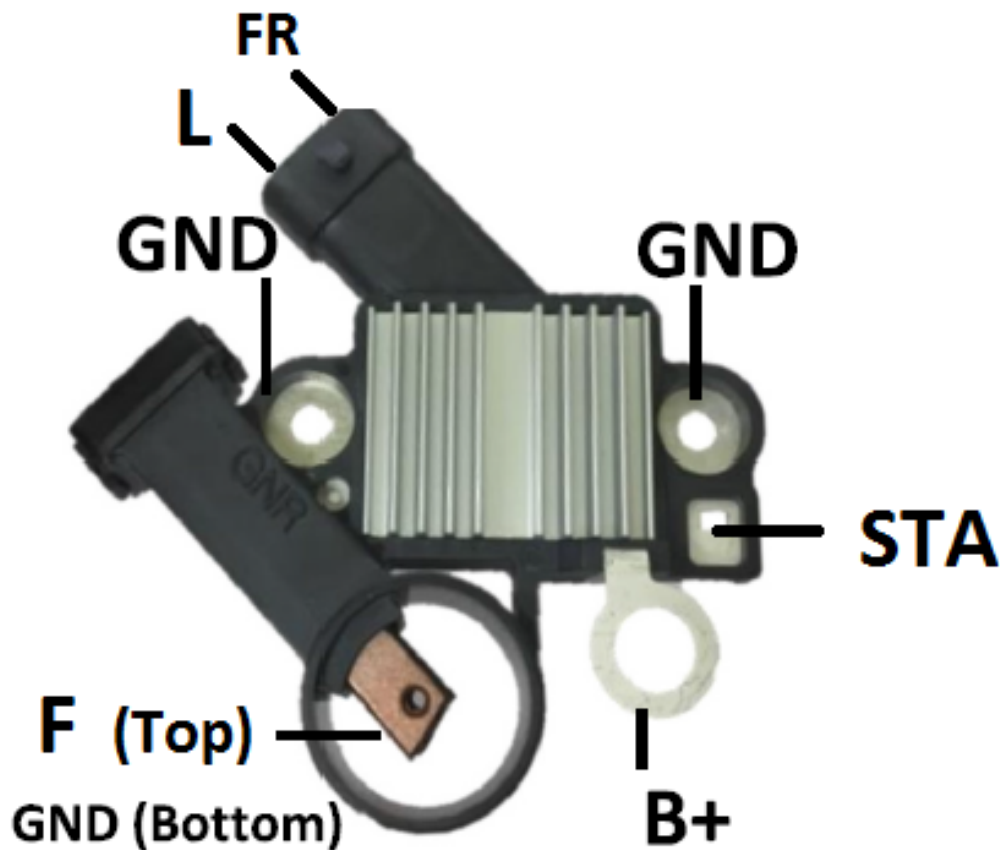
Connect L terminal of D2024 to RCV terminal on VRC2010 tester.

1. Adjust Comm Voltage switch to position 13, Setpoint is 12.0V.

2. Adjust Comm Voltage switch to position 14, Setpoint is 13.2V.

3. Adjust Comm Voltage switch to position 15, Setpoint is 14.4V.

\* The 13.8V Set Point indicated above is the 'default VSet' (no vehicle PCM input).



# TRANSPO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH253	A	24	28.5				

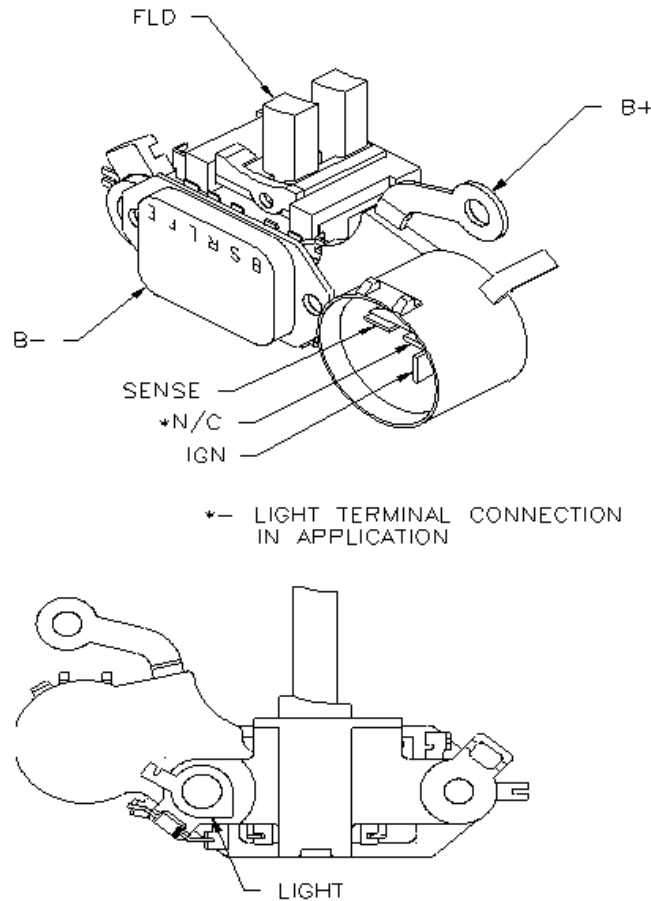
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

1. The Setpoint Voltage is about 28.5+/- 0.3

2. Disconnect the Sense cable, the secondary setpoint range is from 29.2V to 32V, normal is 30V



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

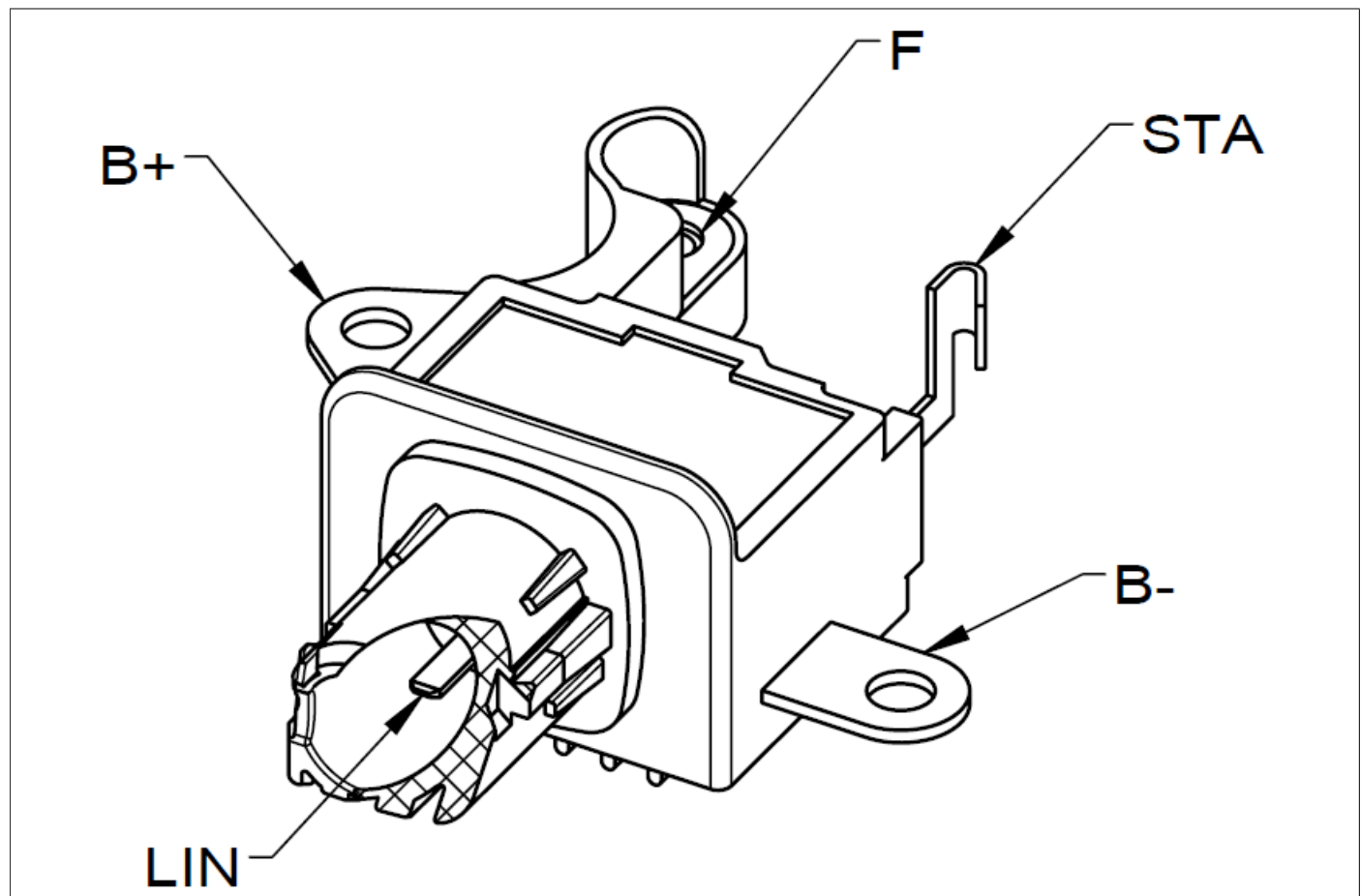
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6373	A	12	14				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and goes with the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.





# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

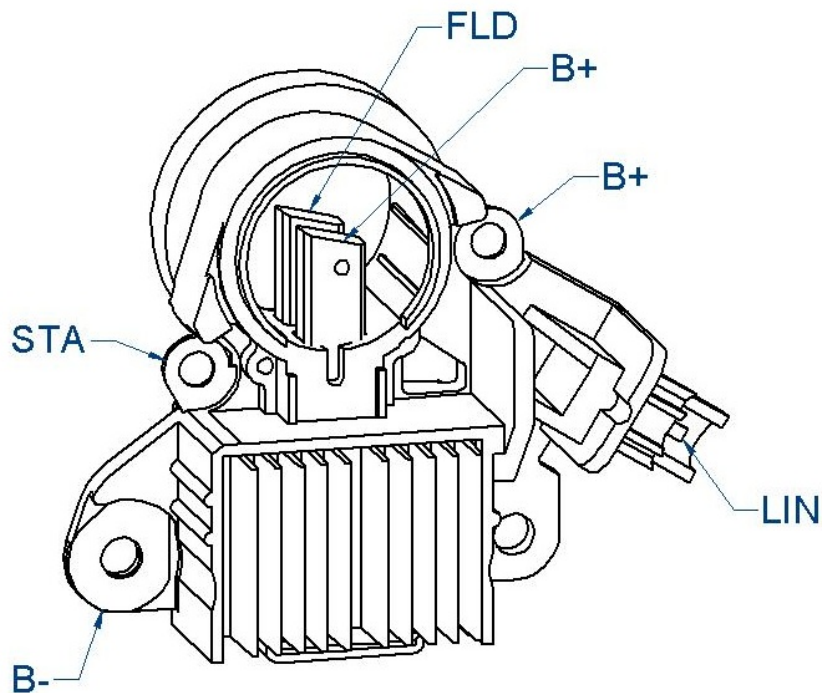
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM404	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and rotate the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

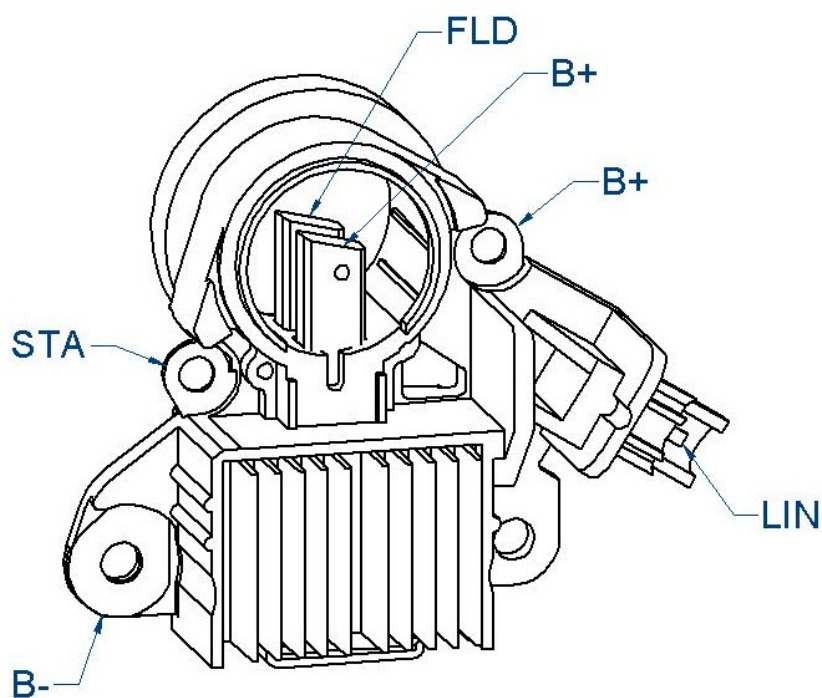
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM624	A	12	14.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

## 3. Amendments or Additional Tests:

Connect terminal to LIN of VRC2010, the SET POINT is adjustable and rotate the switch "COMM VOLTAGE" to 13V, 14V or 15V, range is +/-0.2V.

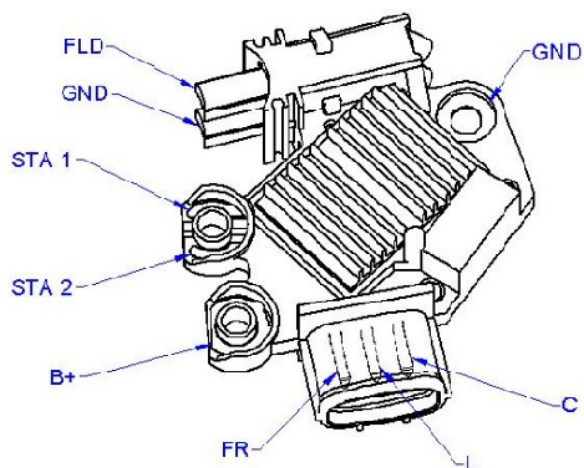


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M621	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal and the Lamp should Turn On

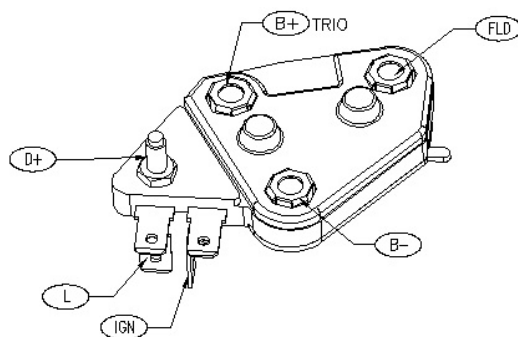


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
DE610	A	12	14.0				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

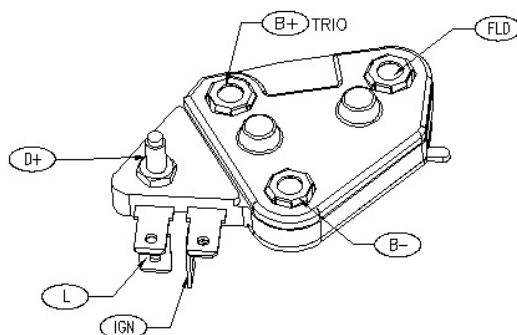


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
DE611	A	24	27.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for MAGNETI MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX599	A	12	14.4				

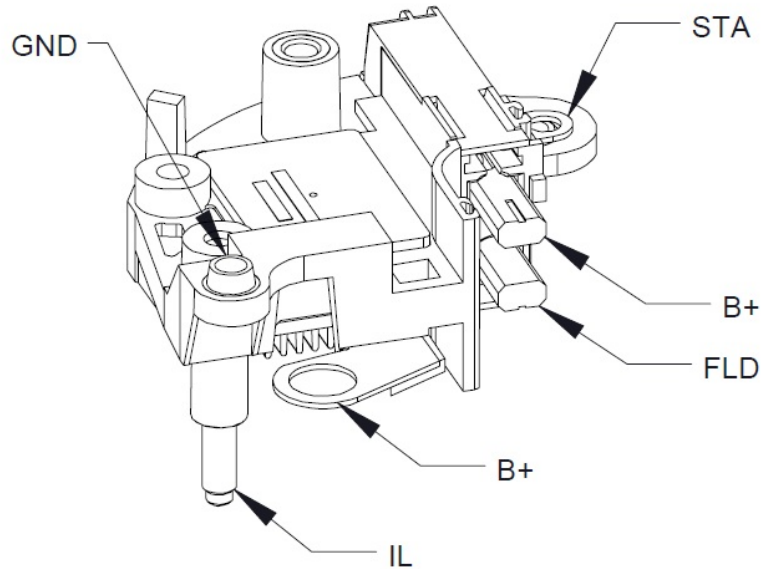
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Push the Choke switch and the "Choke Drive" will turn on.

Disconnect the Stator terminal and the Lamp should turn ON.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M577	B	12	14.1				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

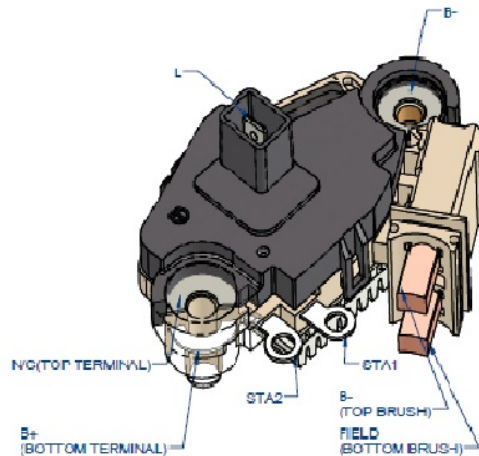
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect STA1 and STA2 to VRC2010. Turn the STATOR switch to 150HZ.

1. disconnect Stator, the Lamp Indicator turns on, and the Field Circuit led should be dim.

2. Reconnect Stator, push the Choke Drive button on the panel, the Choke Drive Indicator turns on.

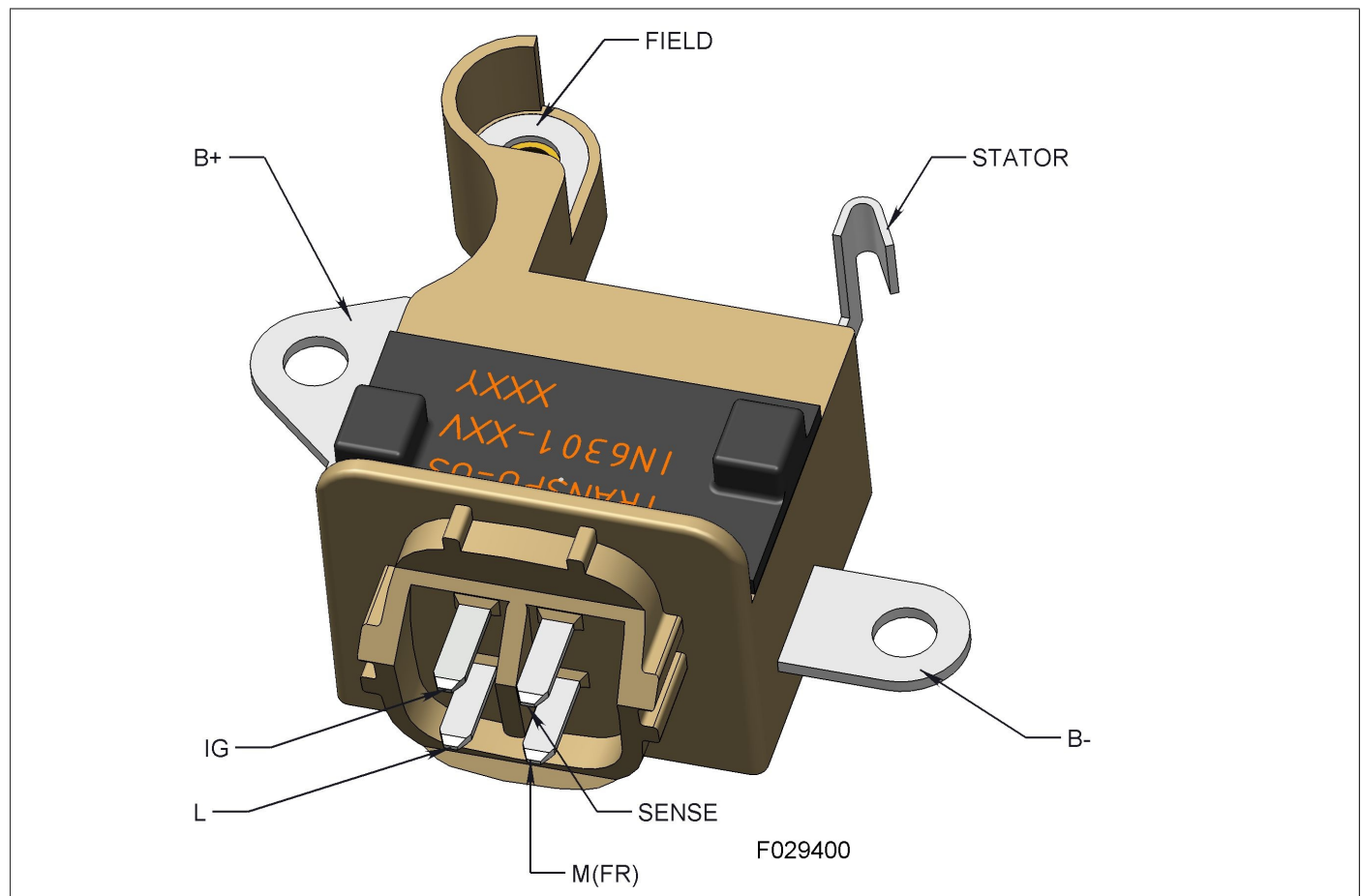


# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6305	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**





# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

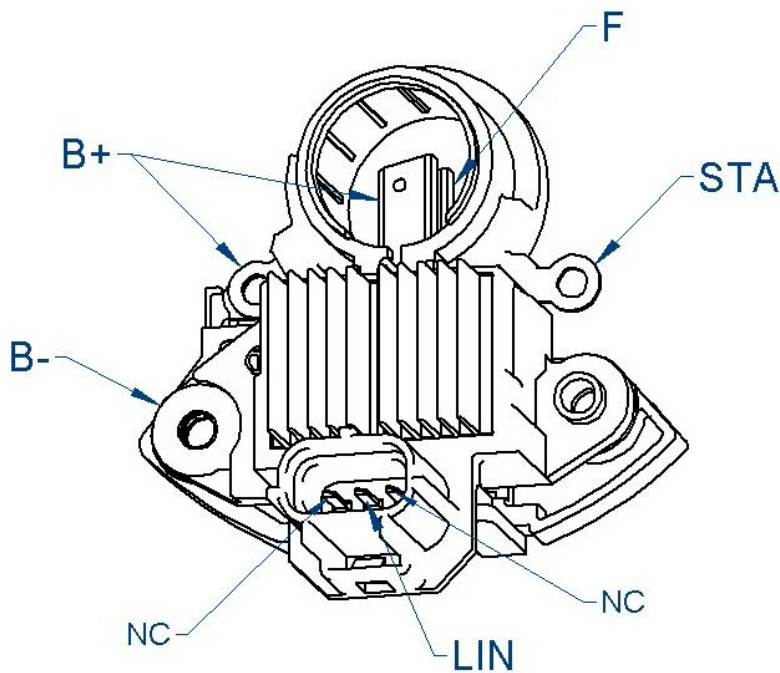
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M629	A	12	14.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.



## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

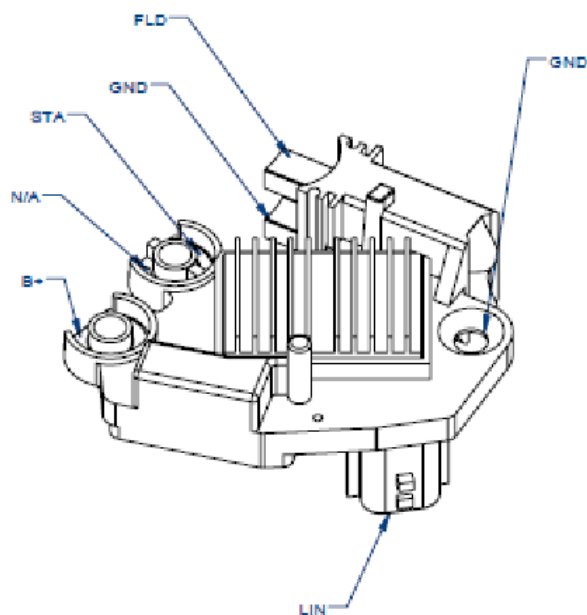
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M609	B	12	14.0				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

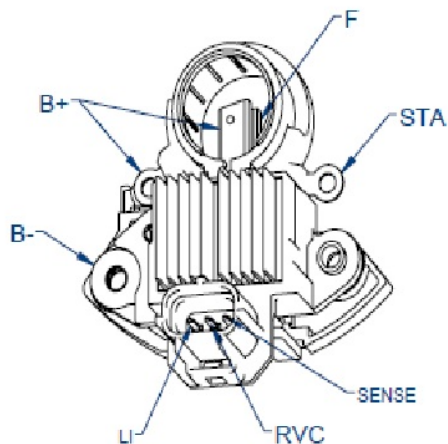
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM631	A	12	13.5				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.



## TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

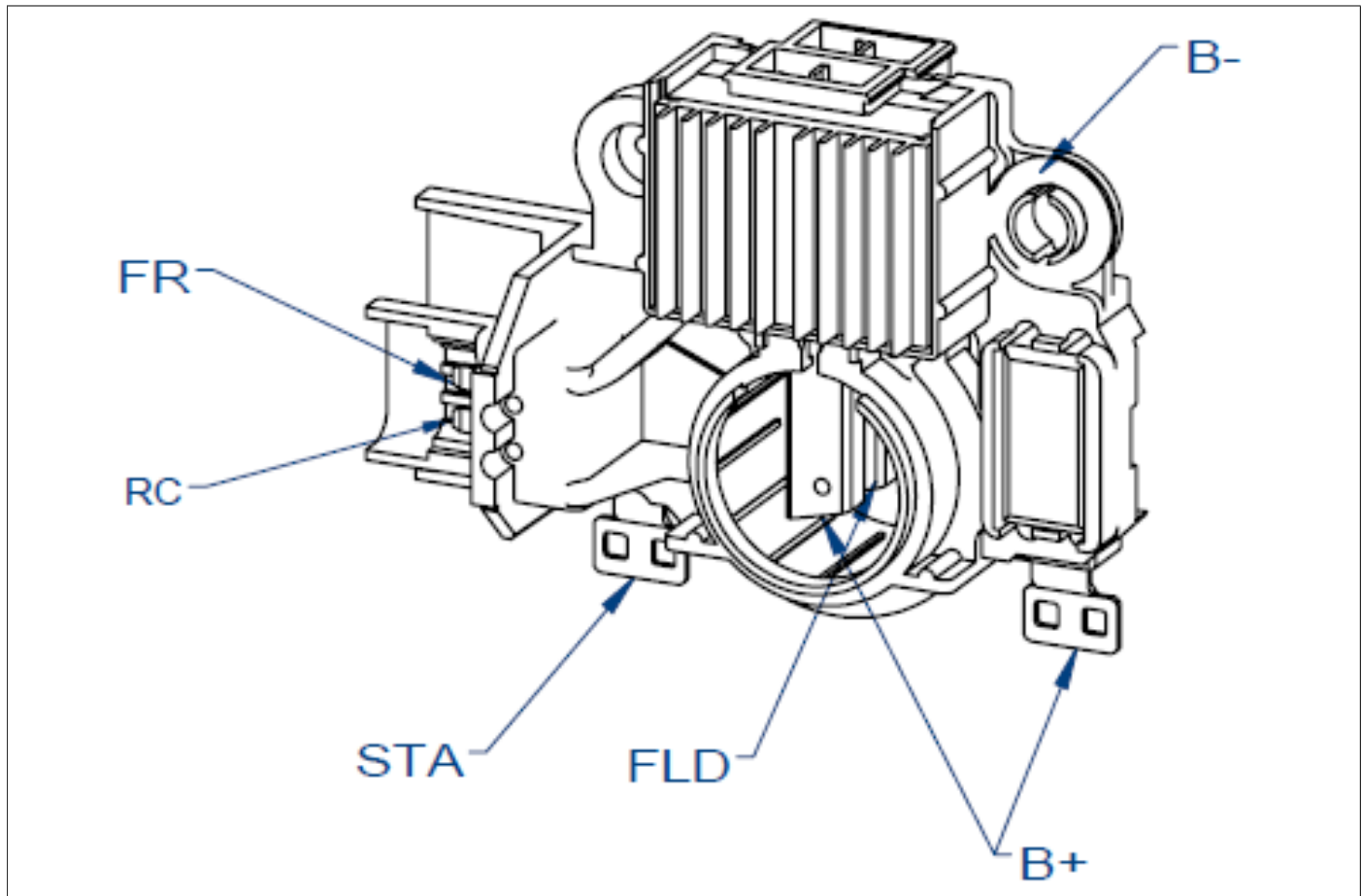
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM527	A	12	13.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to RC of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.

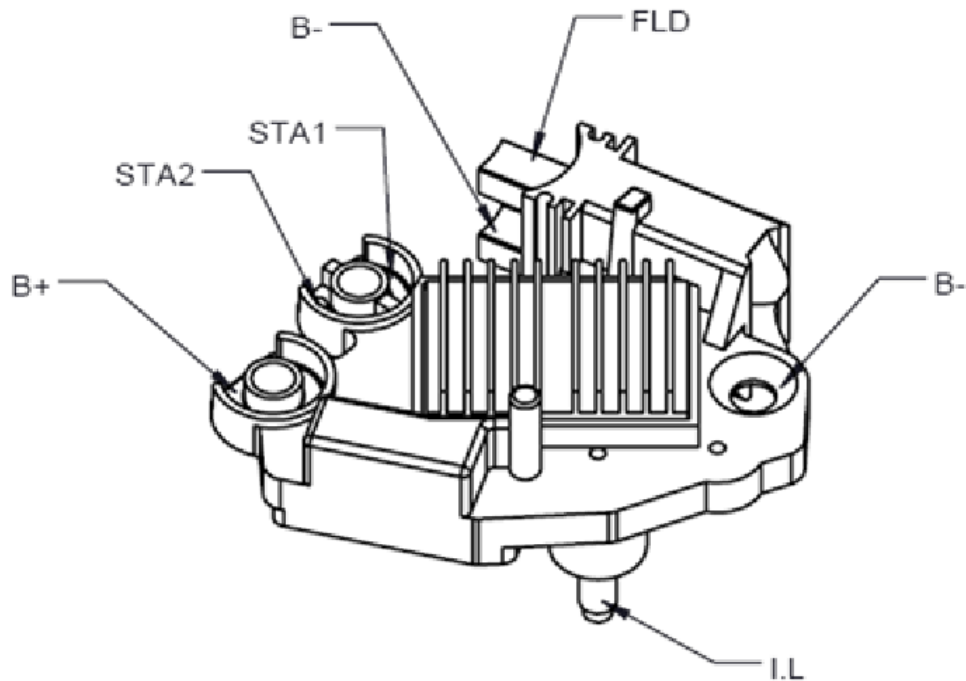


## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M642	B	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Push the Choke switch and the "Choke Drive" will turn on.



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

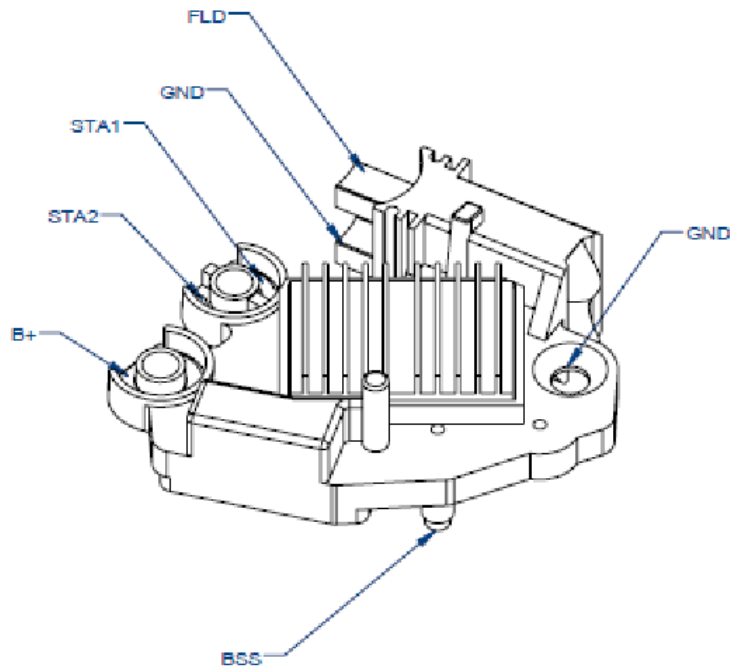
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M154	B	12	14.35				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSCO TESTER INSTRUCTIONS

for VALEO type regulators

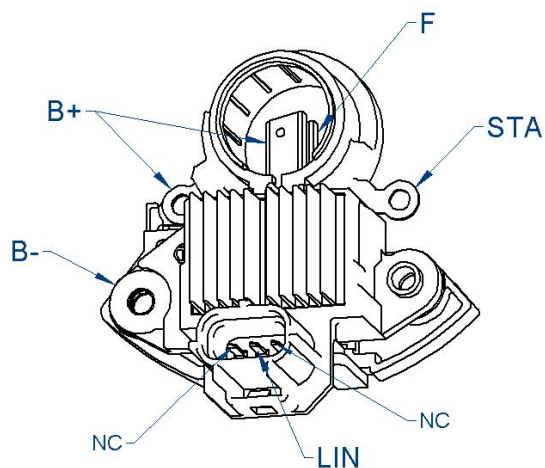
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM629	A	12	13.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect terminal to LIN of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V

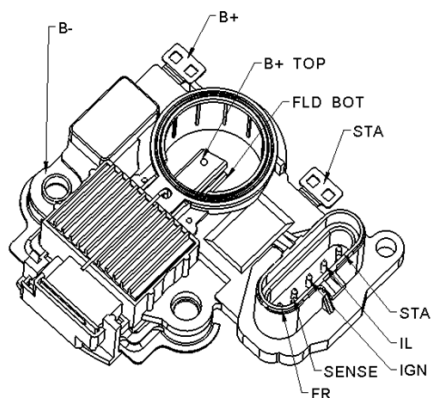


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM700	A	24	28.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal and the Lamp should turn ON



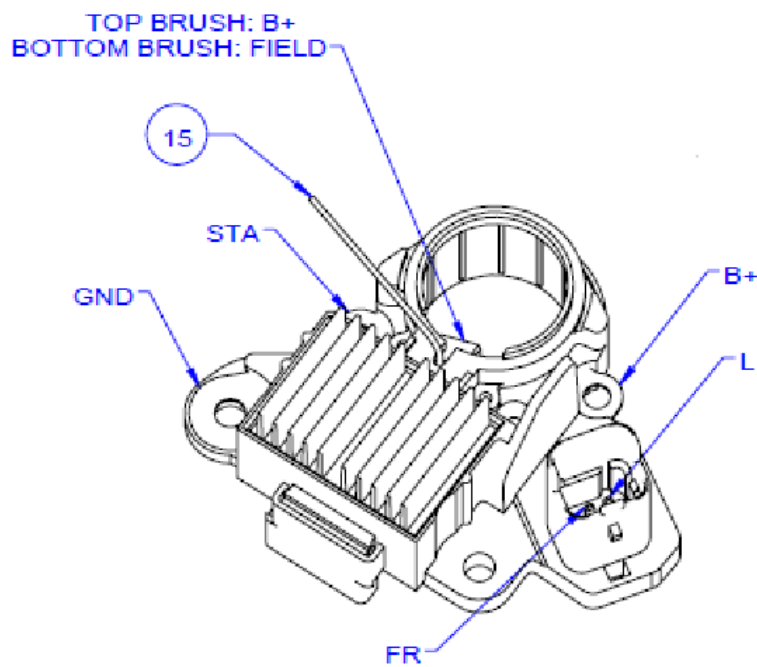


## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM636	A	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

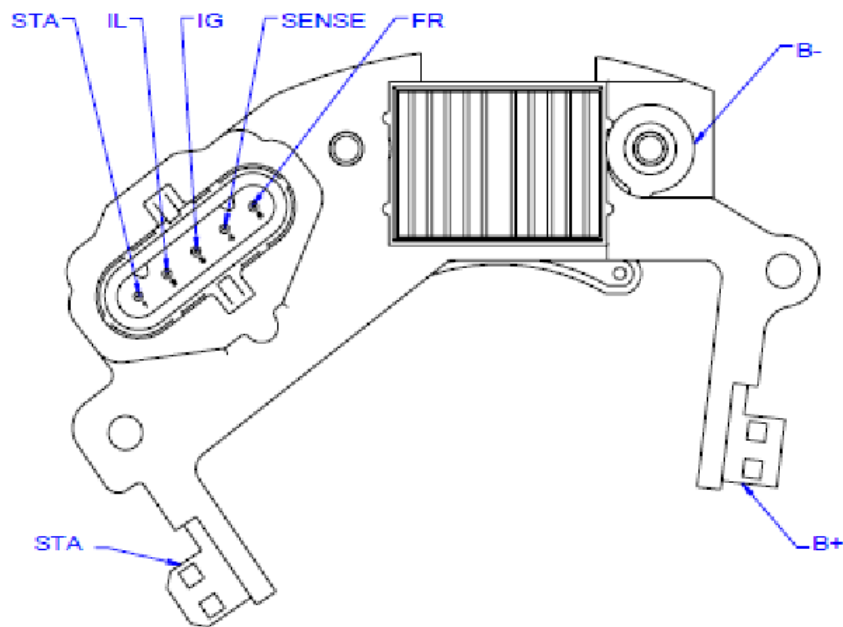


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM635	A	24	28.35				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal and the Lamp should turn ON

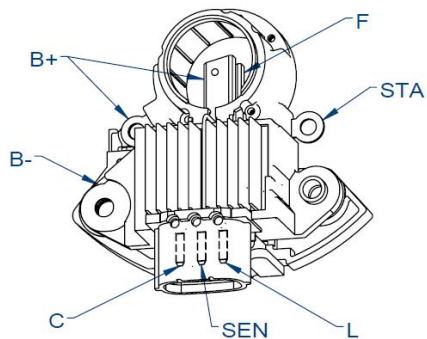


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM625	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

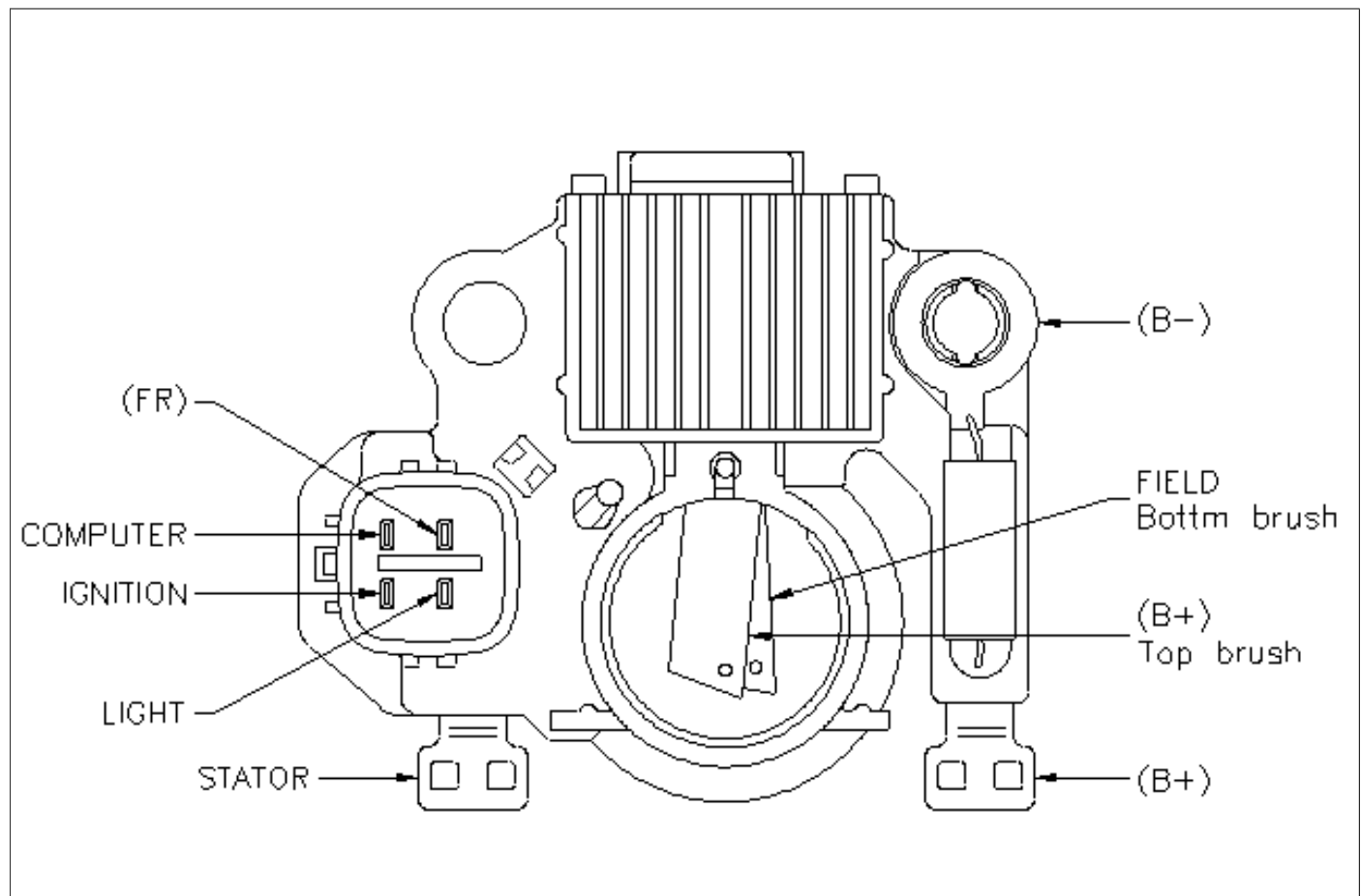


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM582	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Connect C to B-, the Vset is 12.77V.

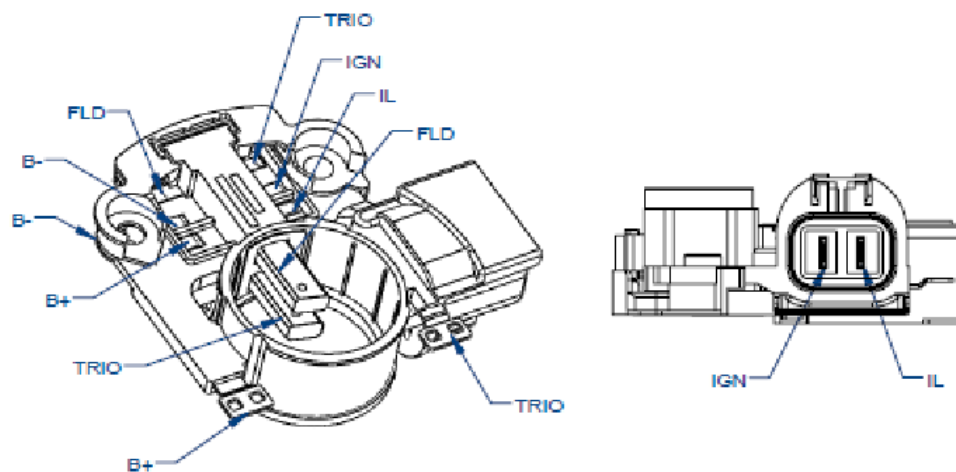


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM997	A	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

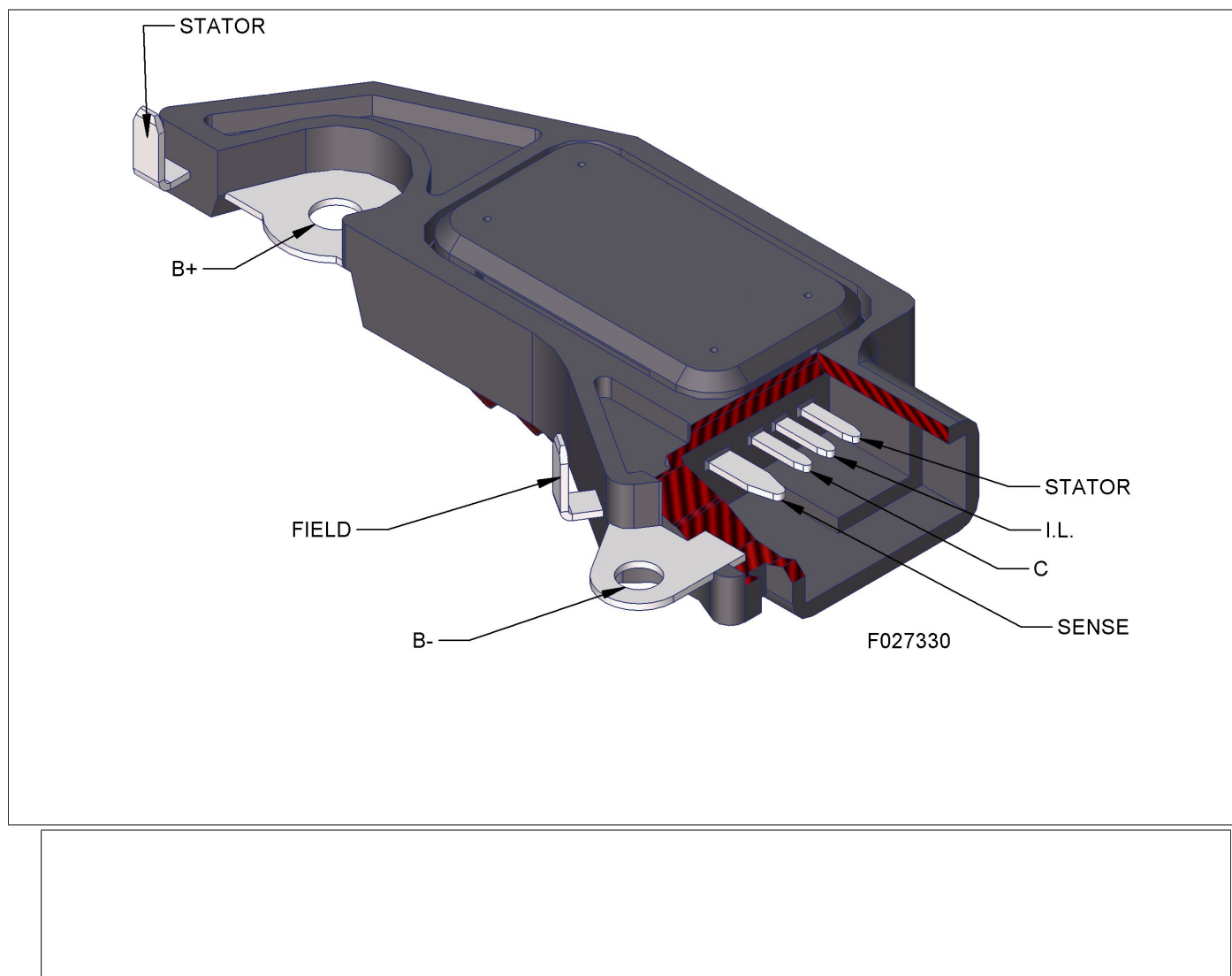


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D411SEA	B	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

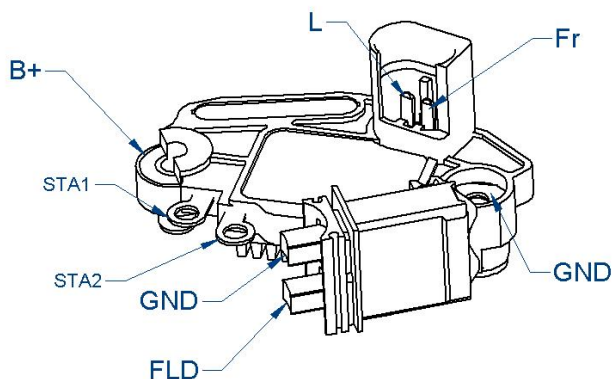


# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M641	B	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**  
Disconnect the Stator terminal and the Lamp should turn ON

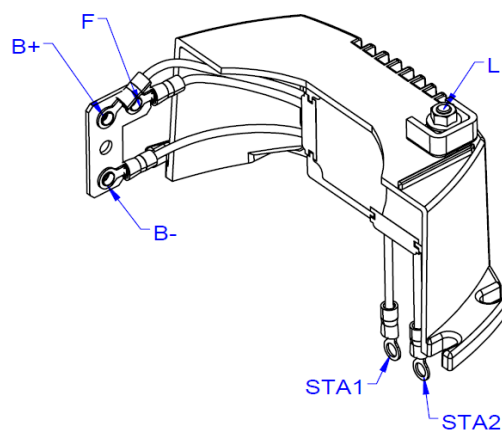


# TRANSCO TESTER INSTRUCTIONS

for TRANSCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-2131U	A	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



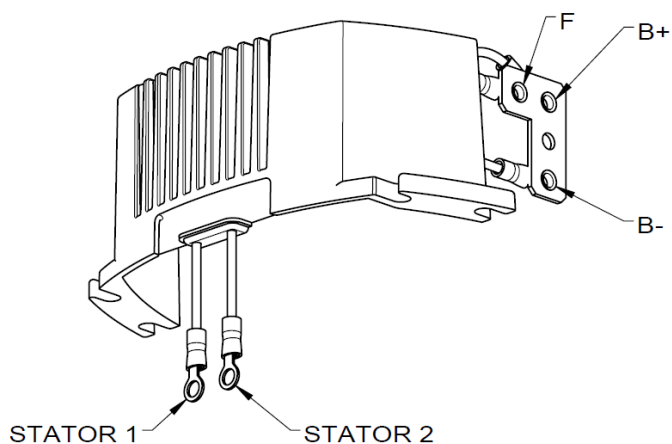


# TRANSPO TESTER INSTRUCTIONS

for TRANSPO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-563	A	12	14.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

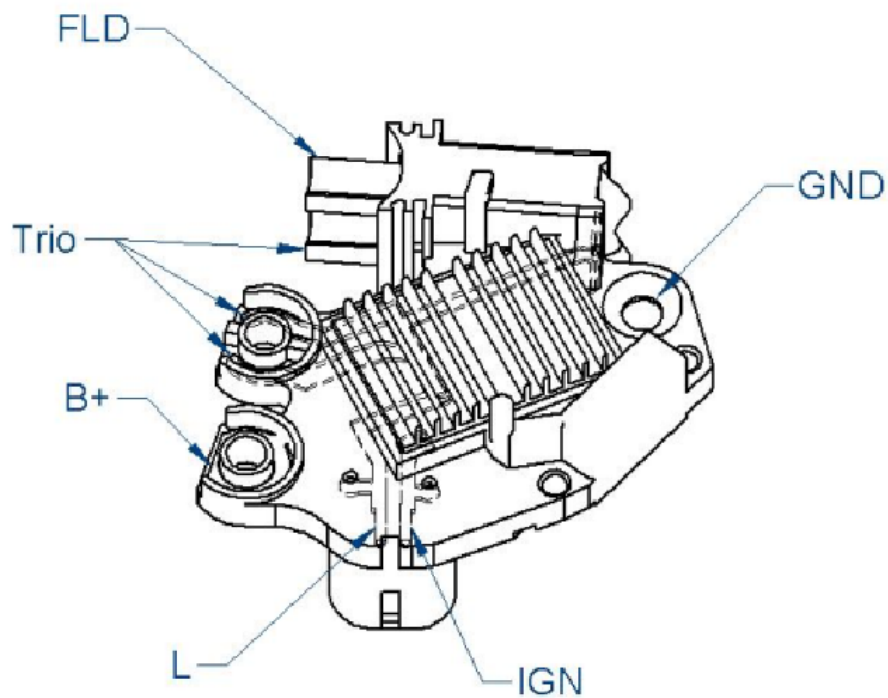


## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M639	B	12	14.7				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

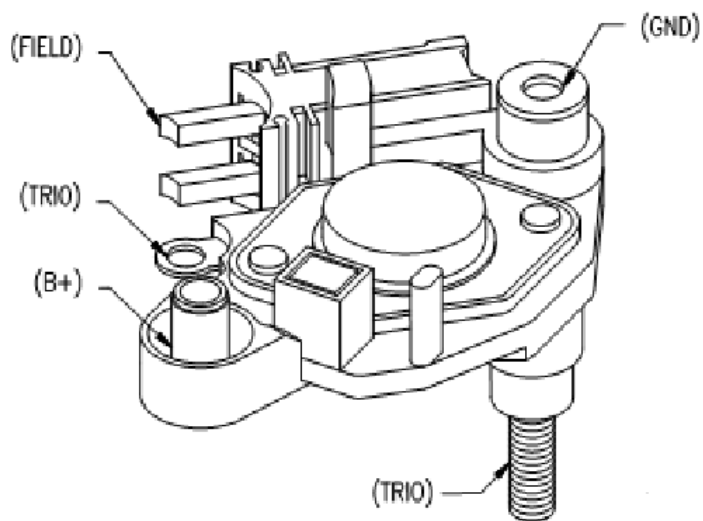


## TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M430	A	24	28.3				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for \_\_\_\_\_ type regulators

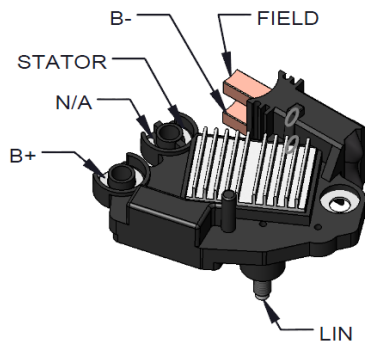
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M594	B	12	14.3				
M595	B	12	14.3				
M596	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.

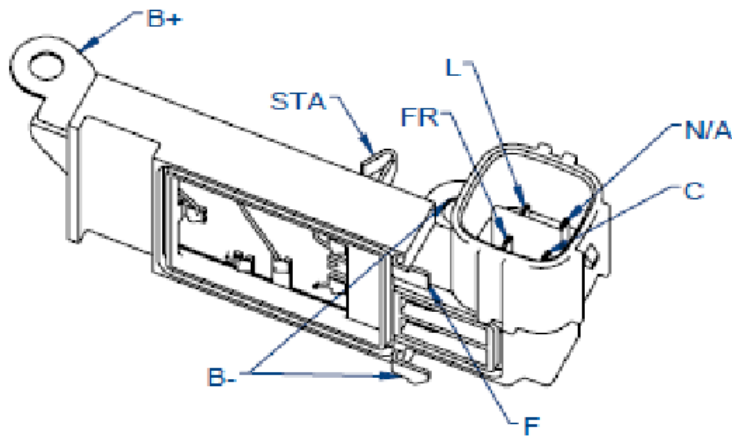


## TRANSPO TESTER INSTRUCTIONS

for \_\_\_\_\_ type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D2298	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

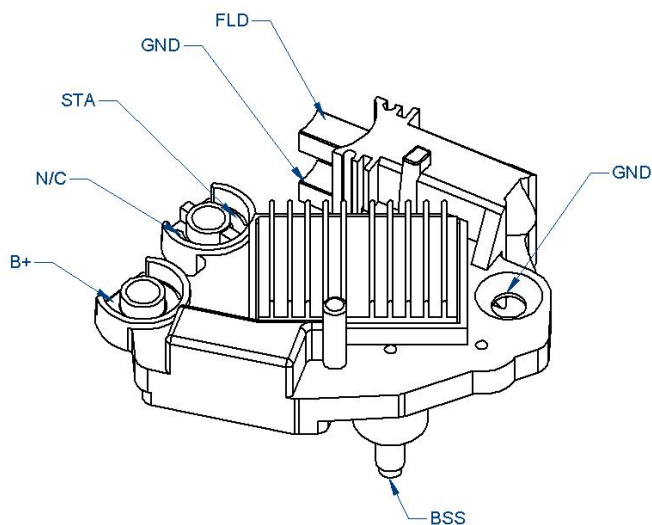
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M648	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

## 3. Amendments or Additional Tests:

Connect terminal to LIN of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.

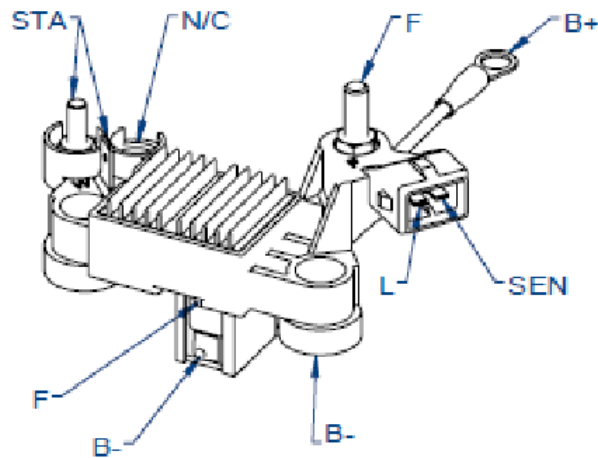


## TRANSPO TESTER INSTRUCTIONS

for TRANSPO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
MP301	B	12	14.5				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

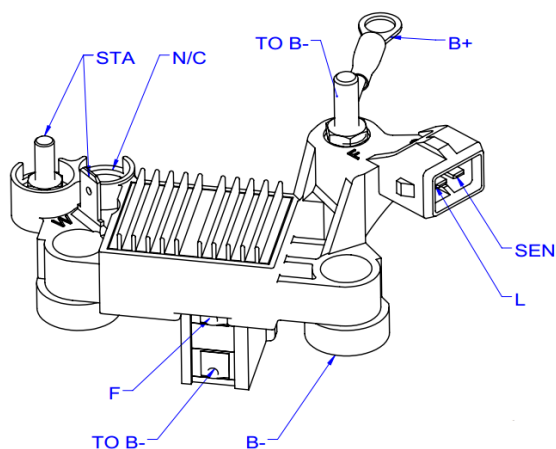


# TRANSPO TESTER INSTRUCTIONS

for TRANSPO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
MP302	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



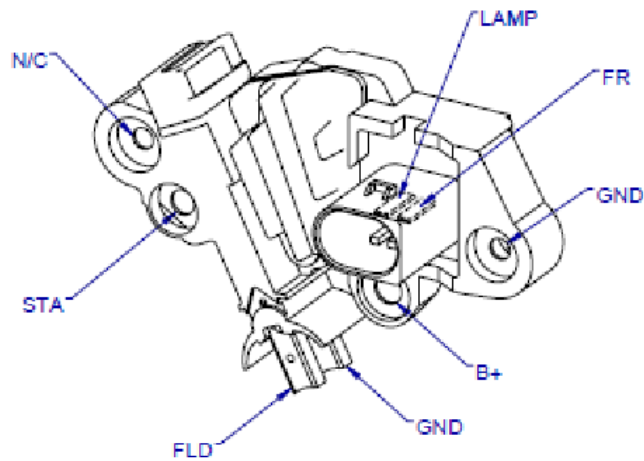


# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5291	B	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

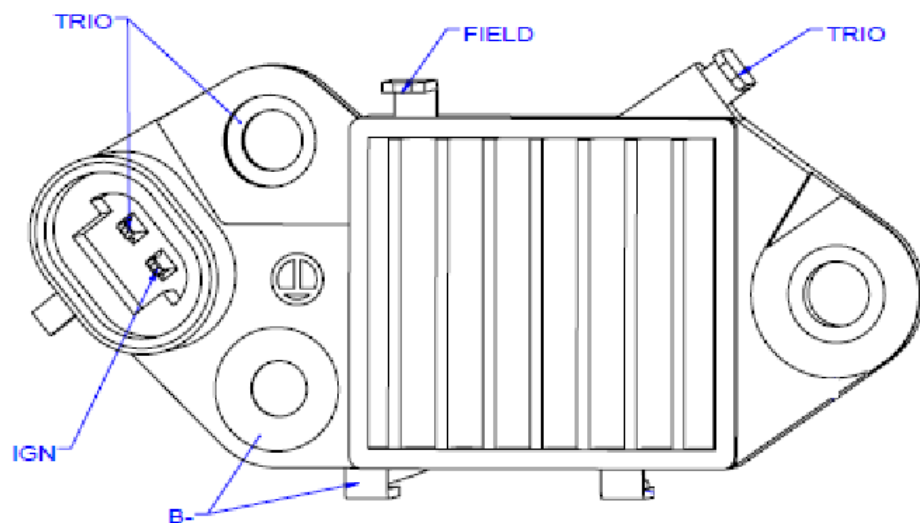


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D910	A	12	14.6				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

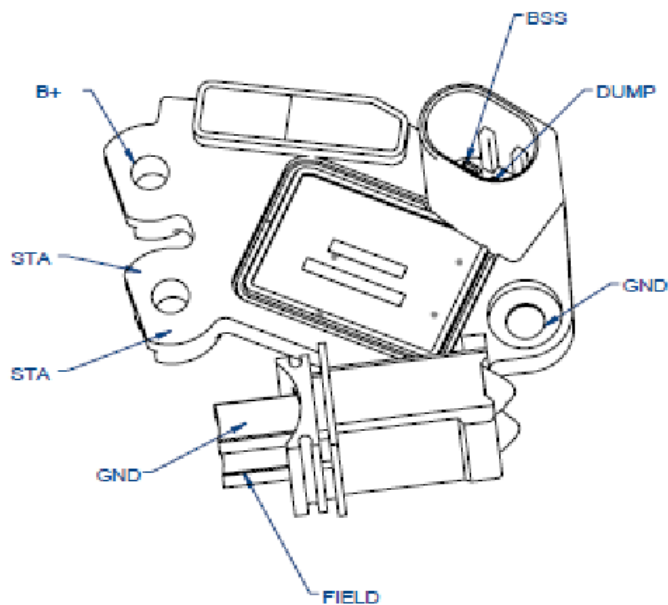
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M646	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.

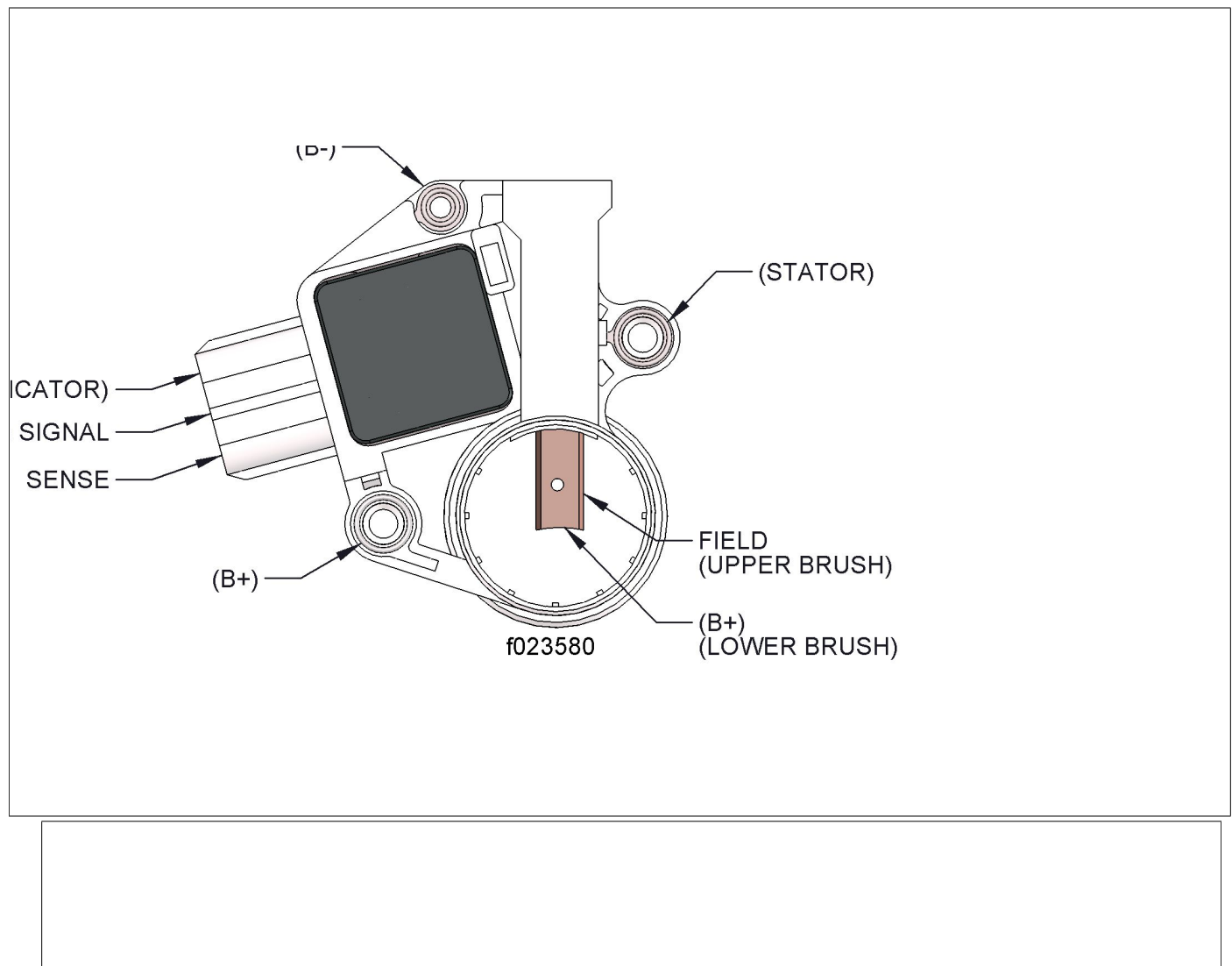


# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F601F	A	12	14.03				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for VALEO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M608	B	12	13.8				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

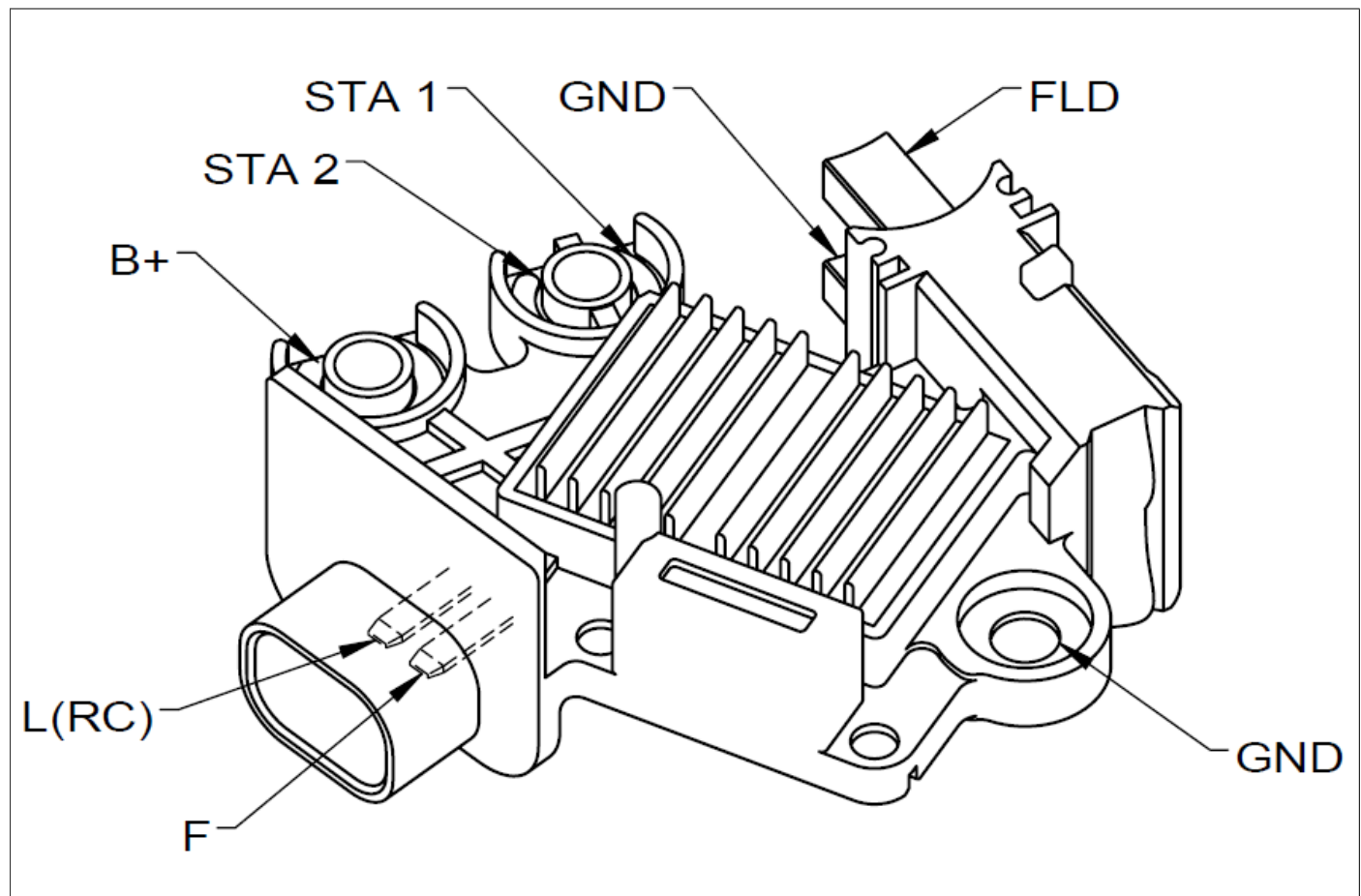
**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect RVC terminal of M608 to RCV terminal on tester:

Adjust Comm Voltage switch to position 14, Setpoint is 13.2V.

Adjust Comm Voltage switch to position 15, Setpoint is 14.5V.

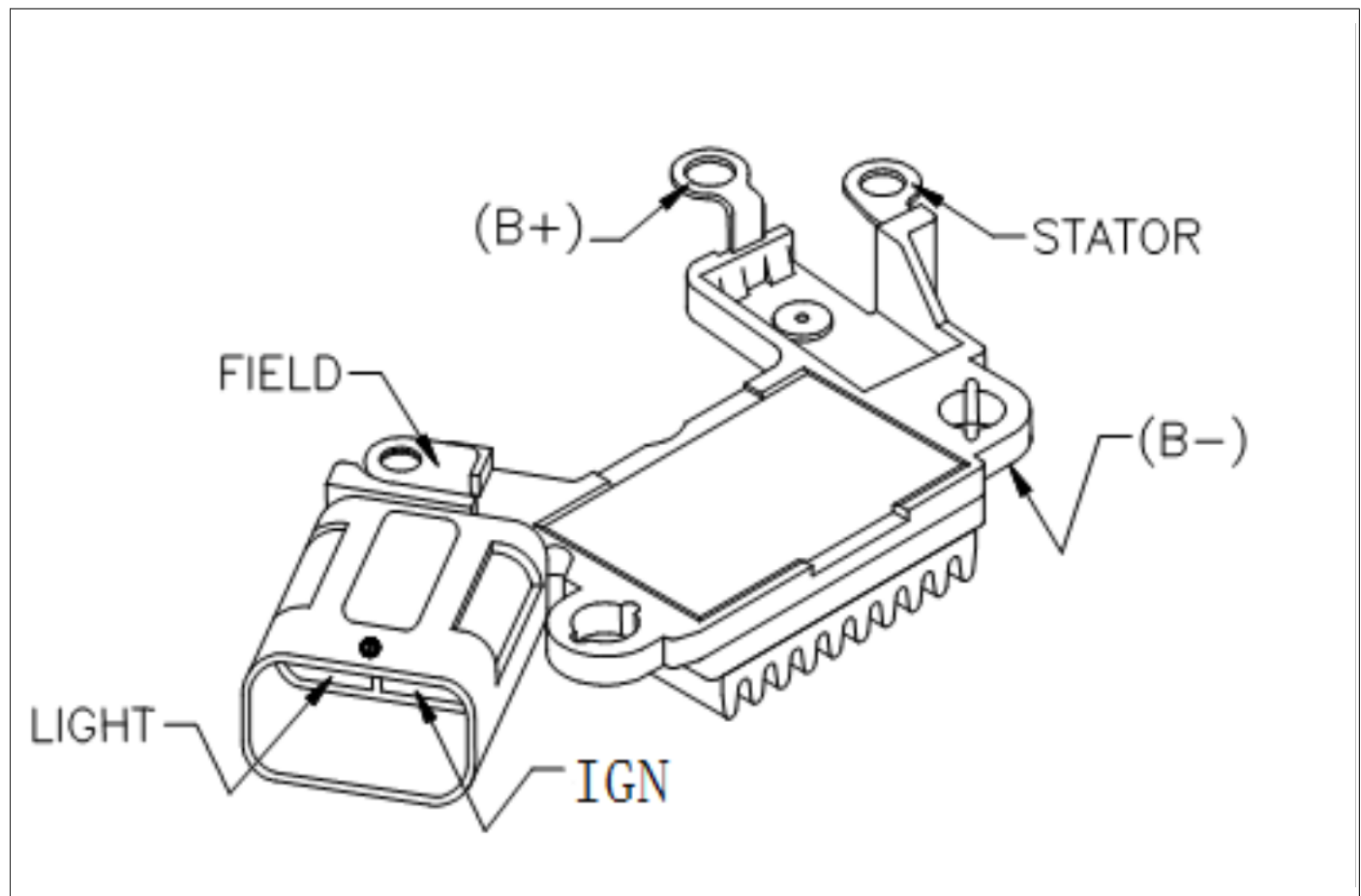


## TRANSCO TESTER INSTRUCTIONS

for HITACHI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH765-24	A	24	28.3				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

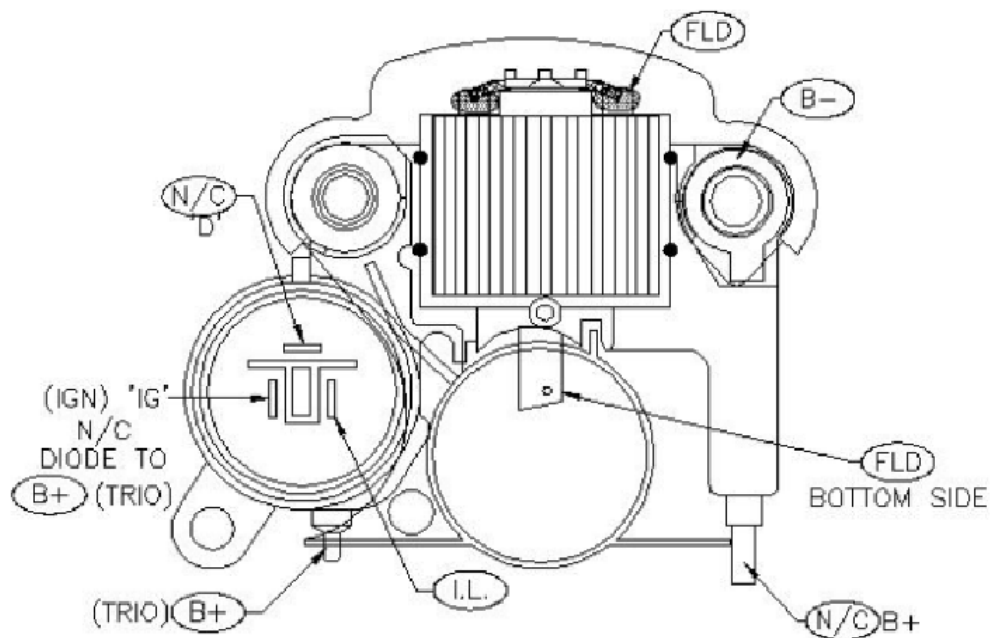


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM275-WC	A	12	14.5				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**



# TRANSPO TESTER INSTRUCTIONS

for BOSCH type regulators

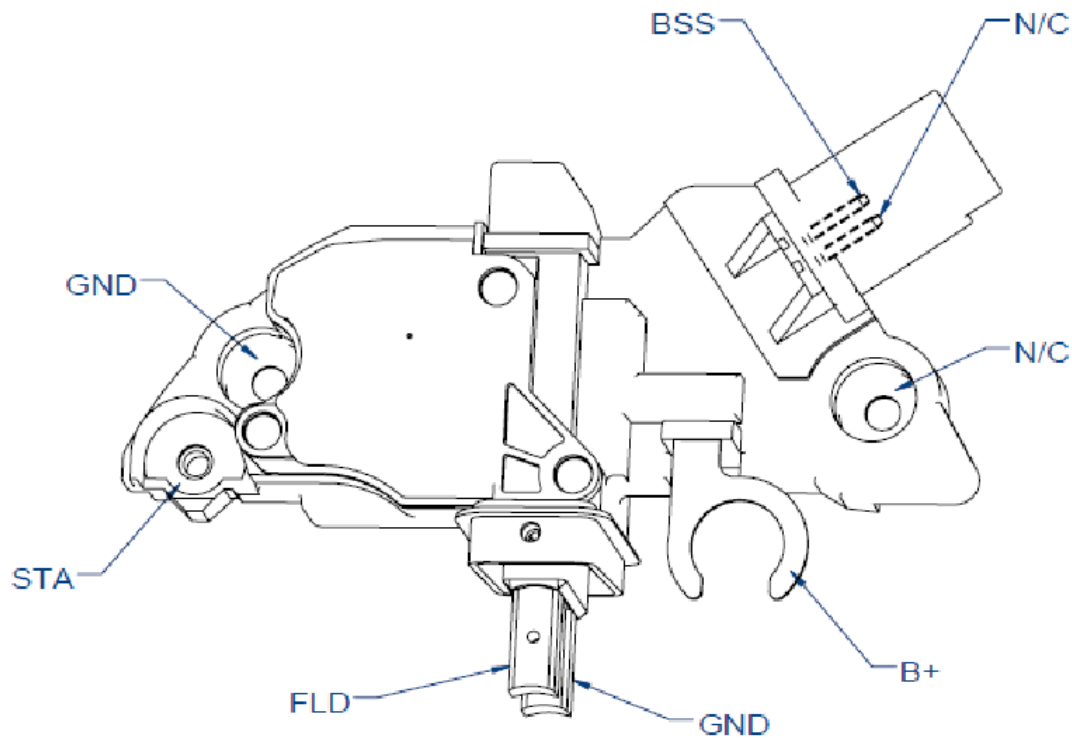
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB5290	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.





# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

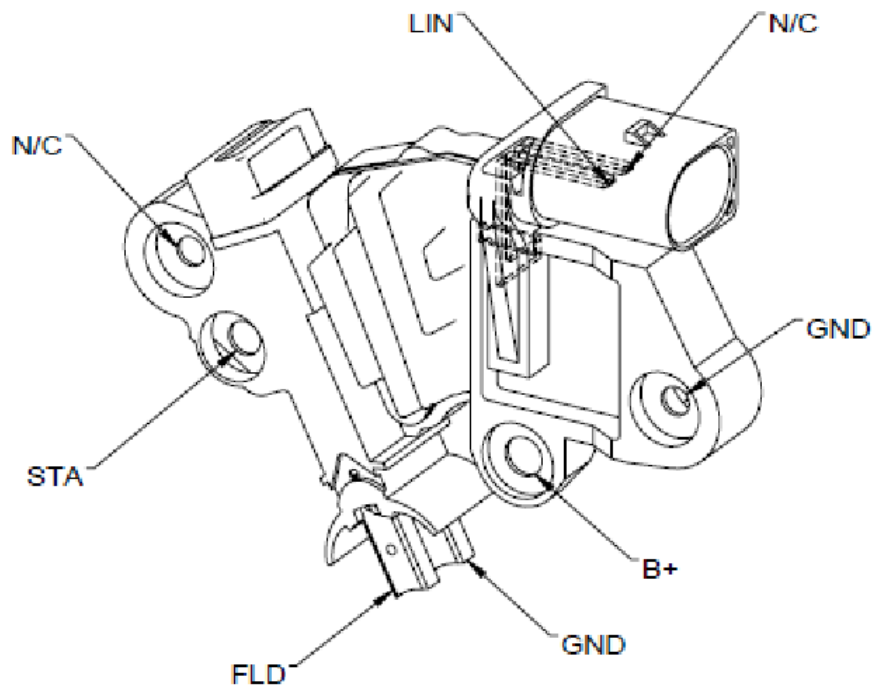
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB6020	B	12	14.4				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

### 3. Amendments or Additional Tests:

Connect terminal to BSS of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.

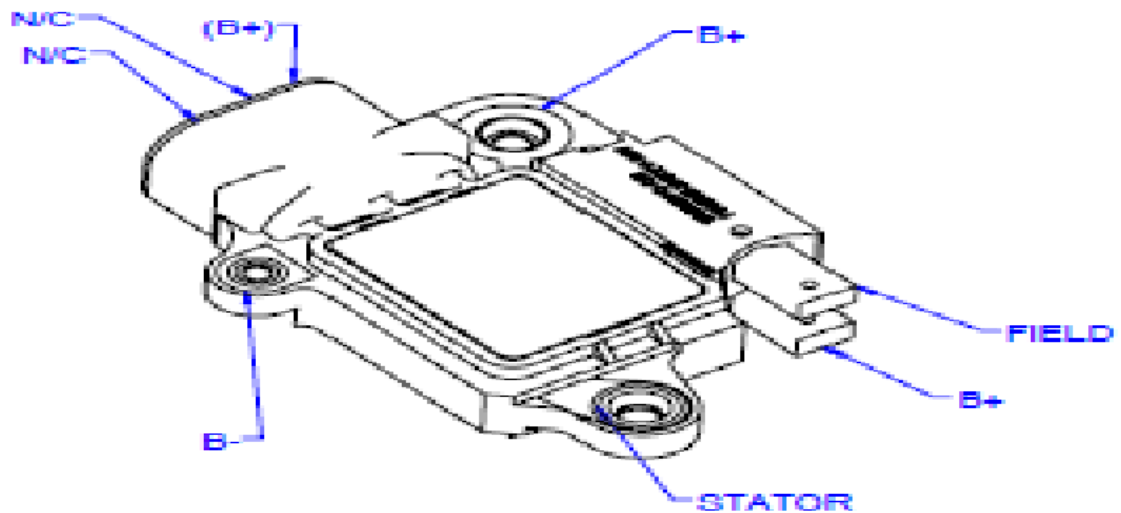


## TRANSCO TESTER INSTRUCTIONS

for       FORD       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F789SE</b>	<b>A</b>	<b>12</b>	<b>14.45</b>				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

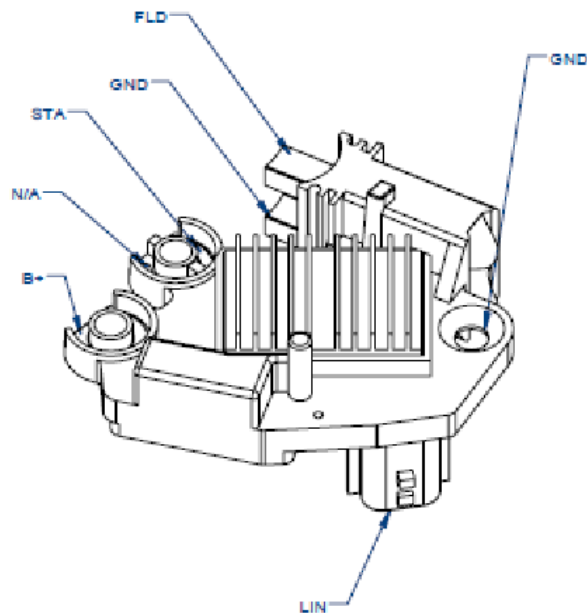


## TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M652	B	12	14.4				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

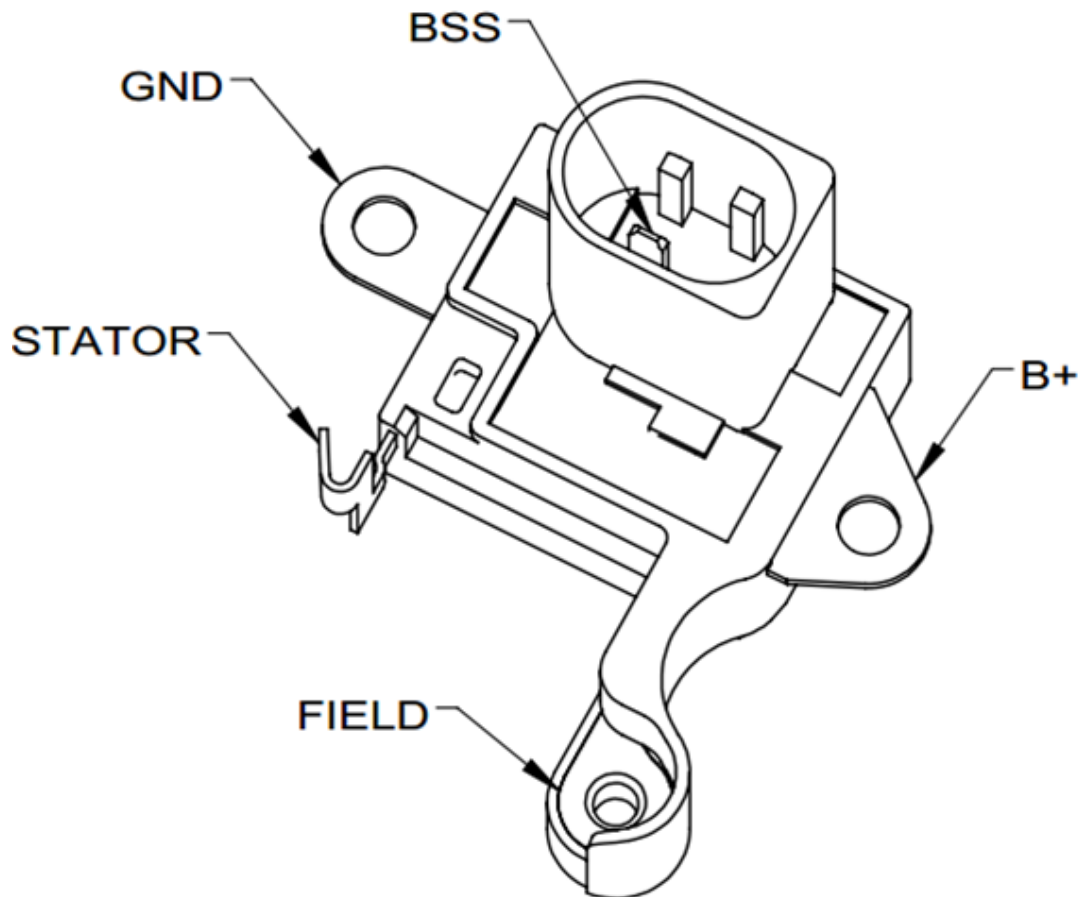
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN7720	B	12	14.2				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to BSS of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

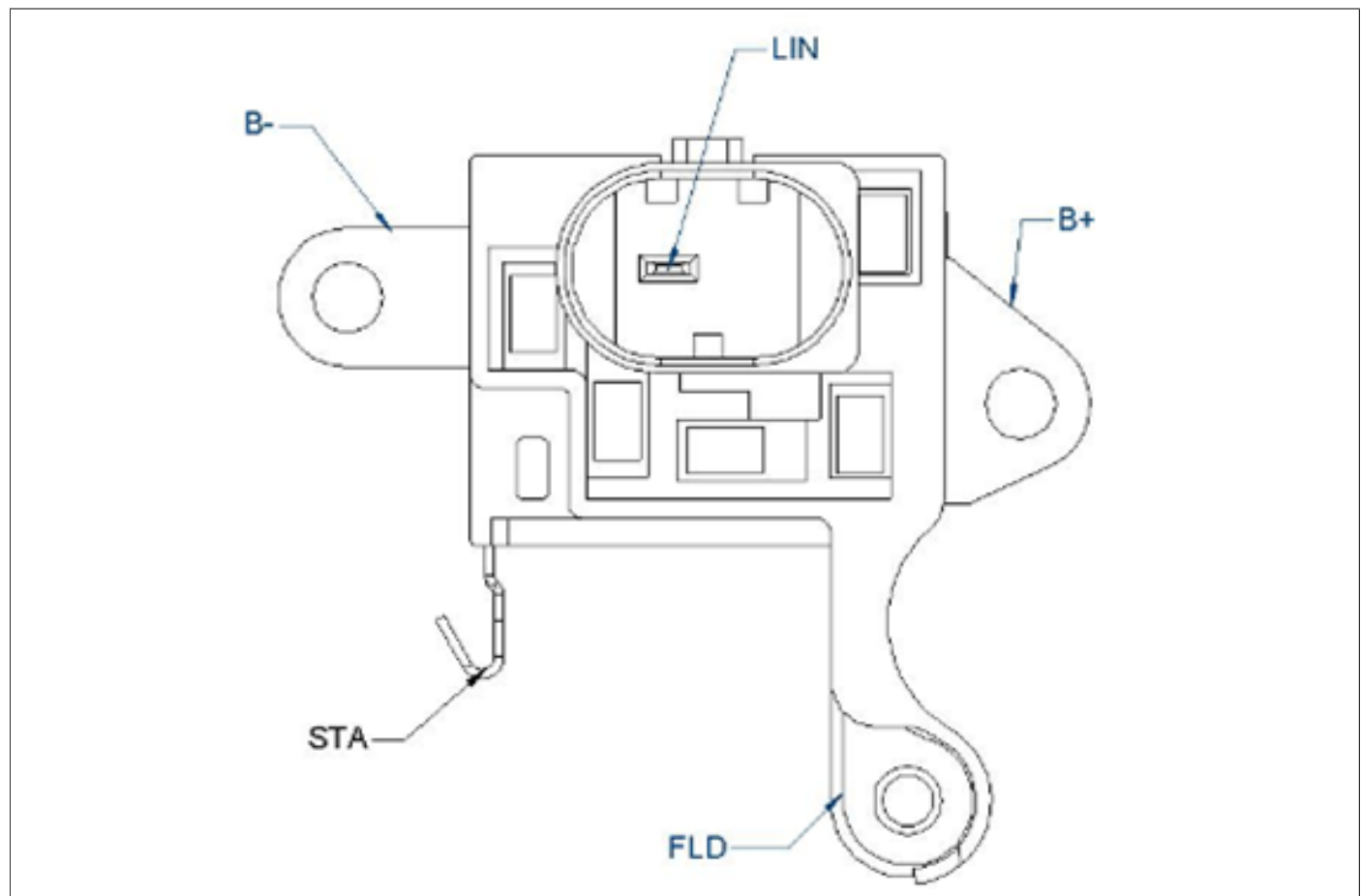
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN7541	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V.



## TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

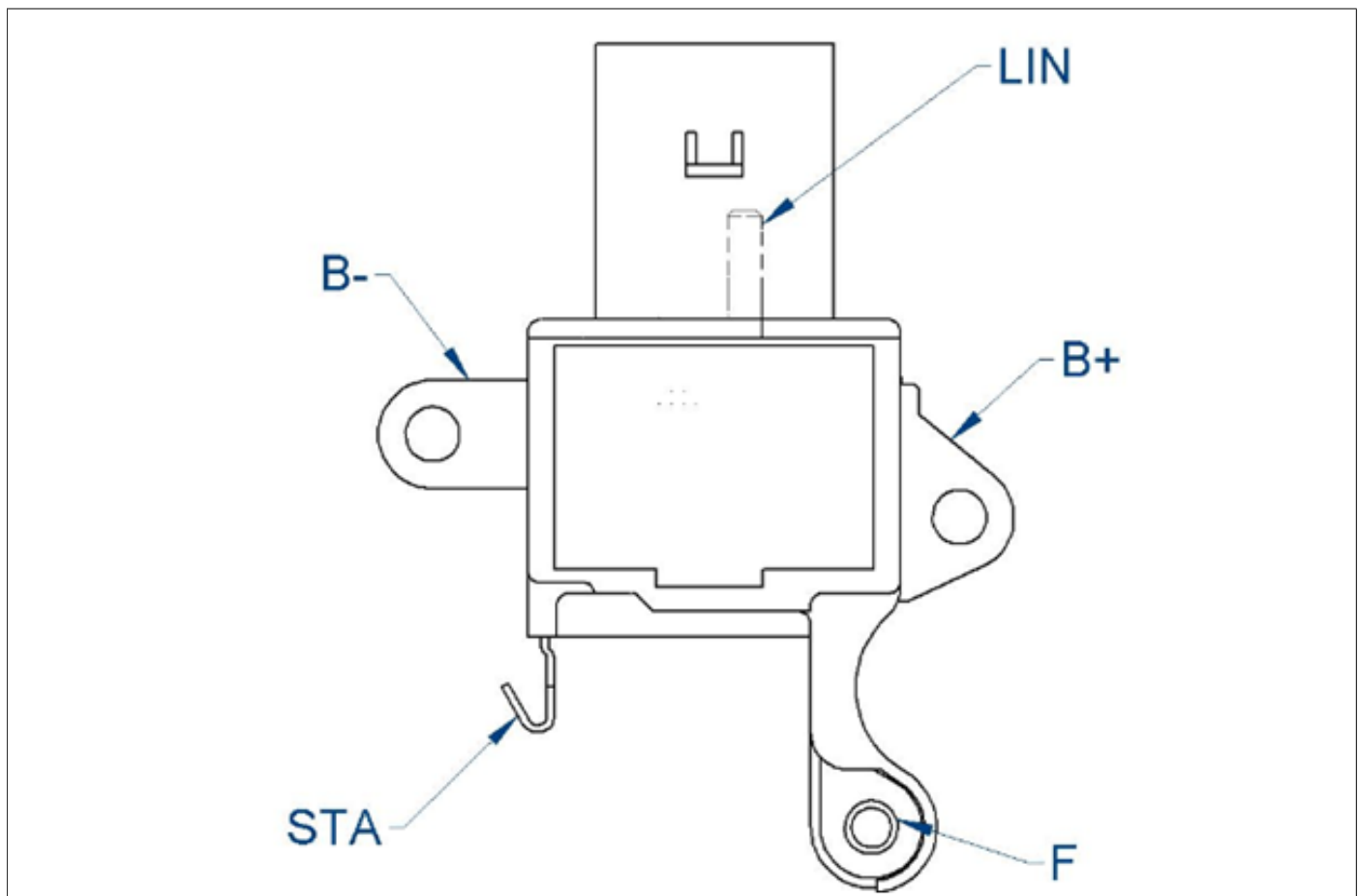
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN7740	B	12	14.3				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is +/-0.2V



## TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

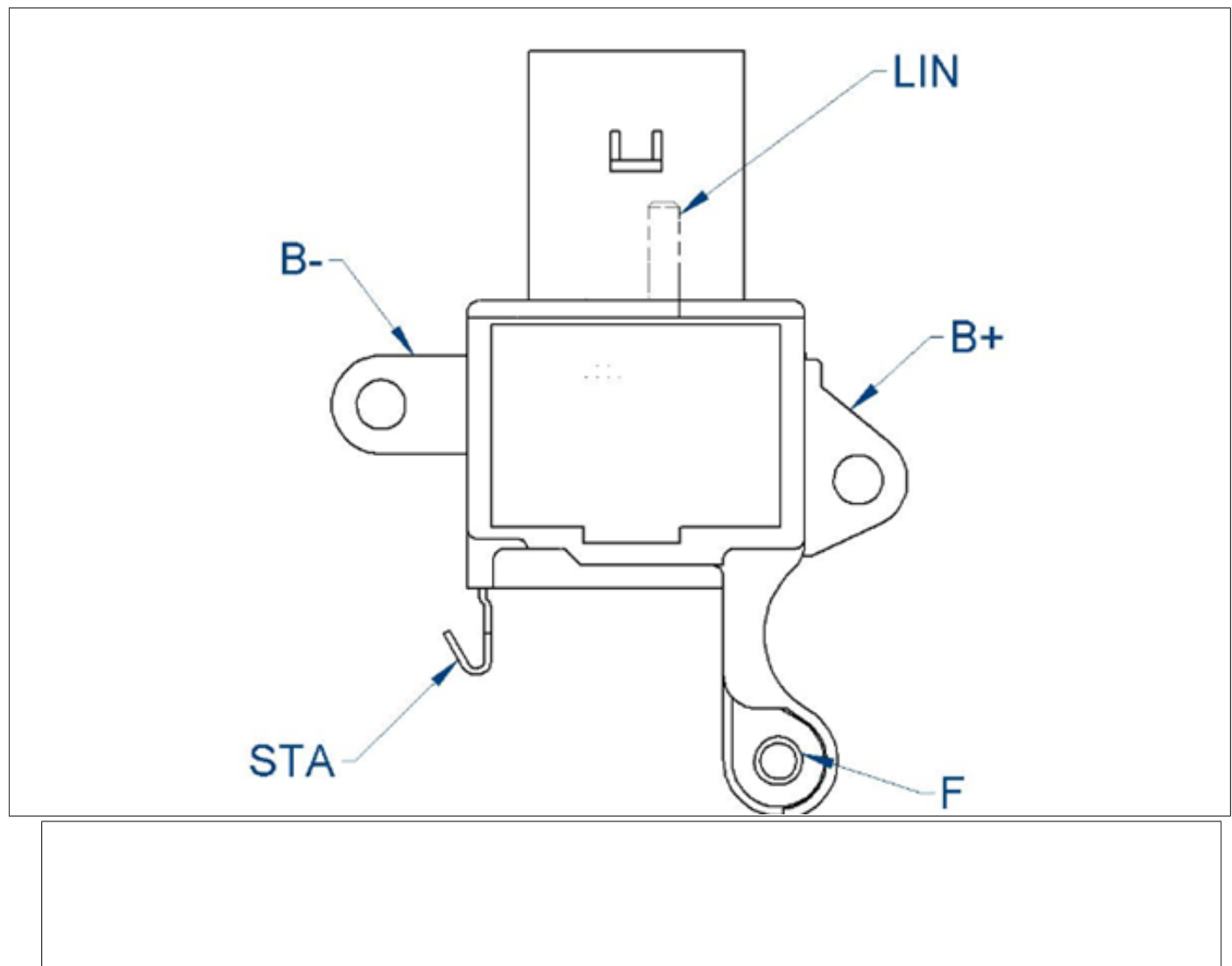
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN8150	B	12	13.7				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Connect terminal to LIN of VRC2010, the Set Point is adjustable and goes with the switch "Comm Voltage" to 13V, 14V or 15V, range is  $\pm 0.2V$

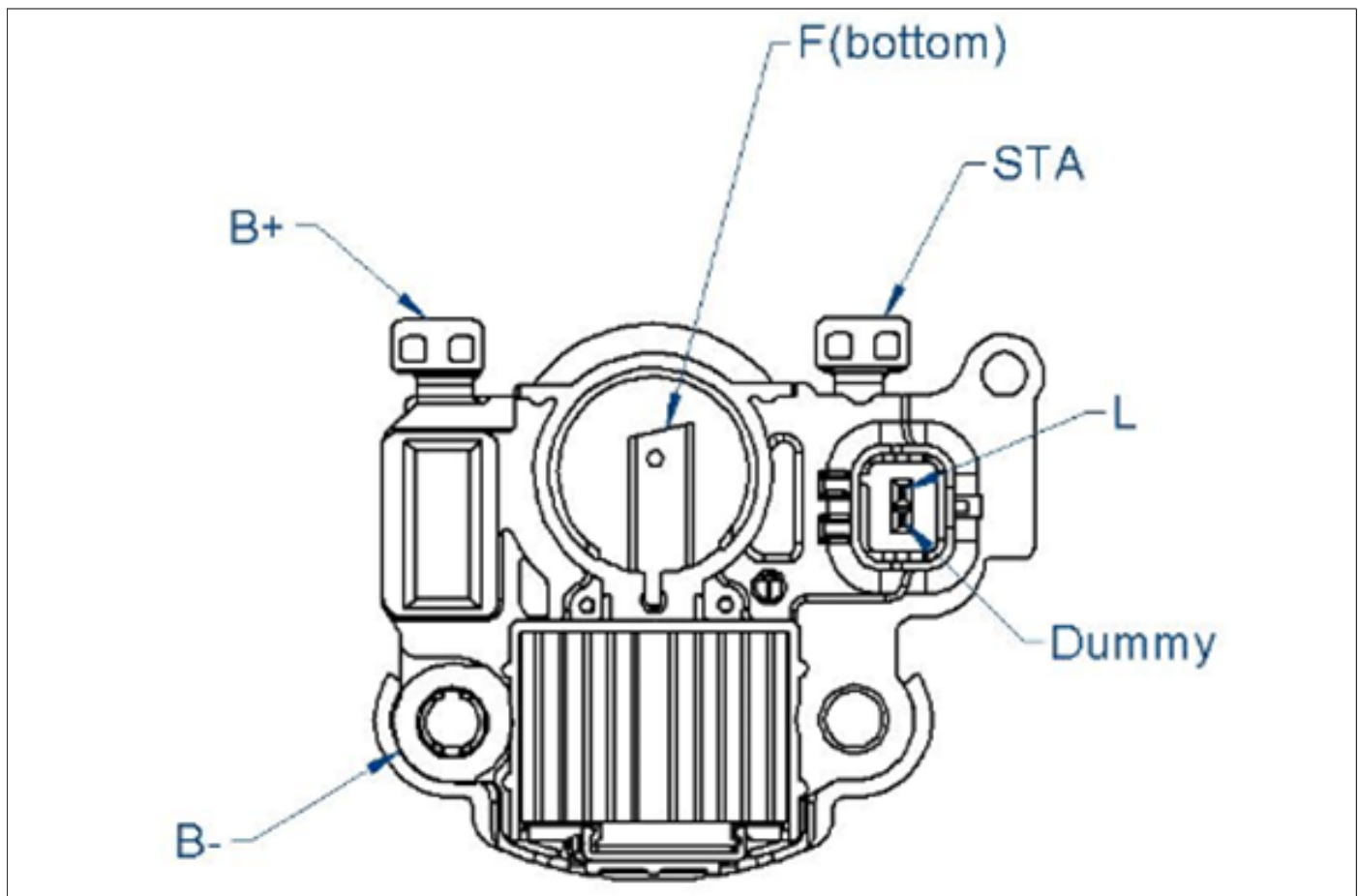


## TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM491	A	12	14.6				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**  
Disconnect the Stator terminal and the Lamp should turn on.





## TRANSCO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN6601-MTP	B	12	14.45				

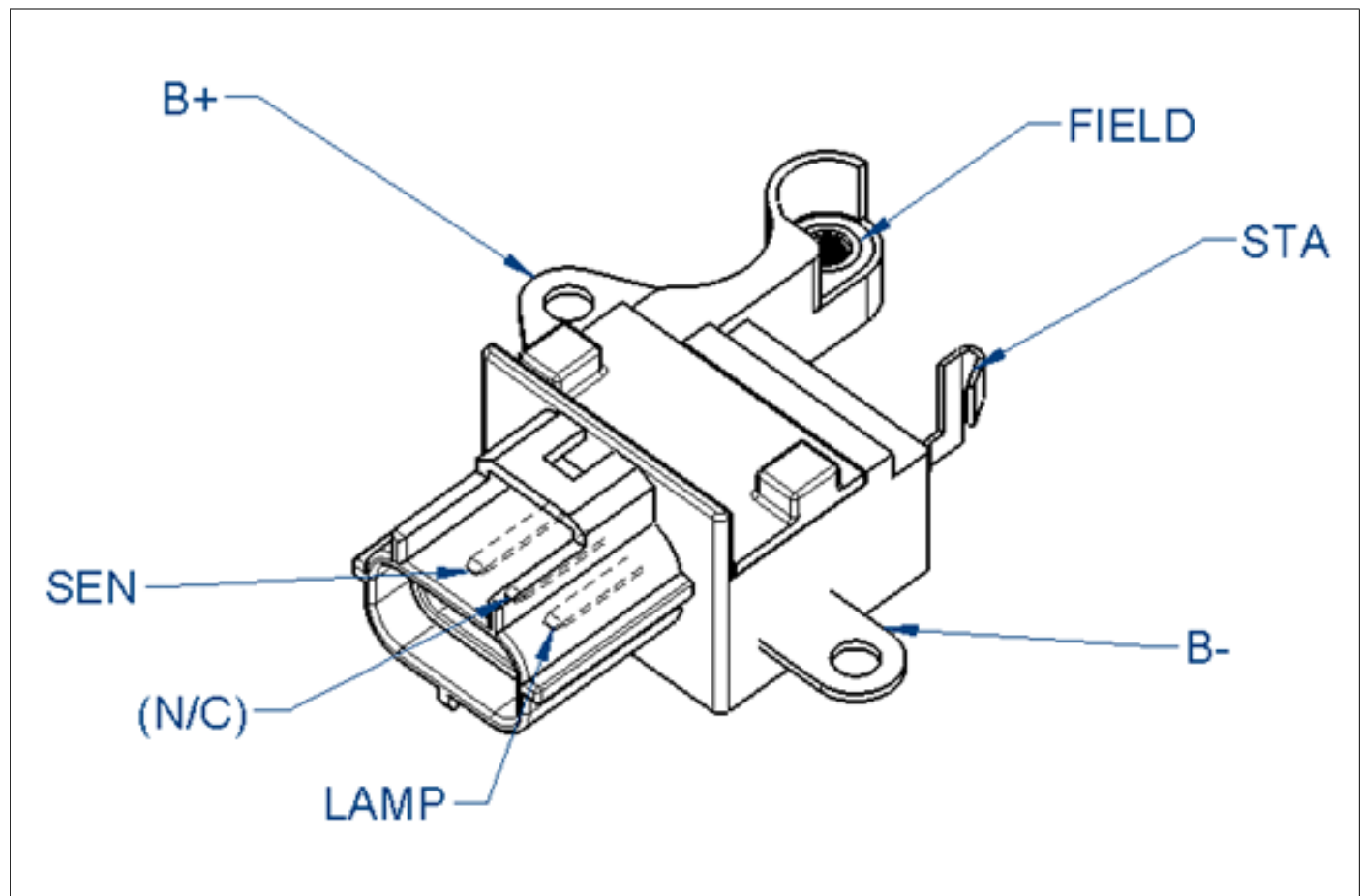
**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Reconnect the Sense terminal and the Lamp should turn on;

Reconnect the Stator terminal and the Lamp should turn on.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

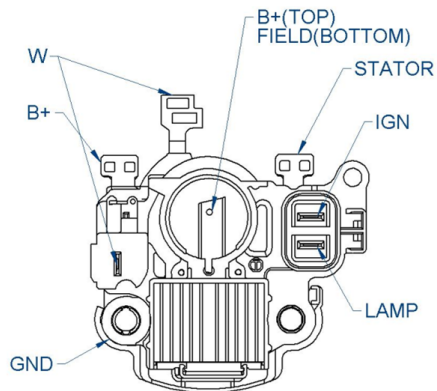
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM982	B	12	14.6				

**1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.

**2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.

**3. Amendments or Additional Tests:**

Disconnect IGN terminal or Stator terminal and the Lamp should turn on.

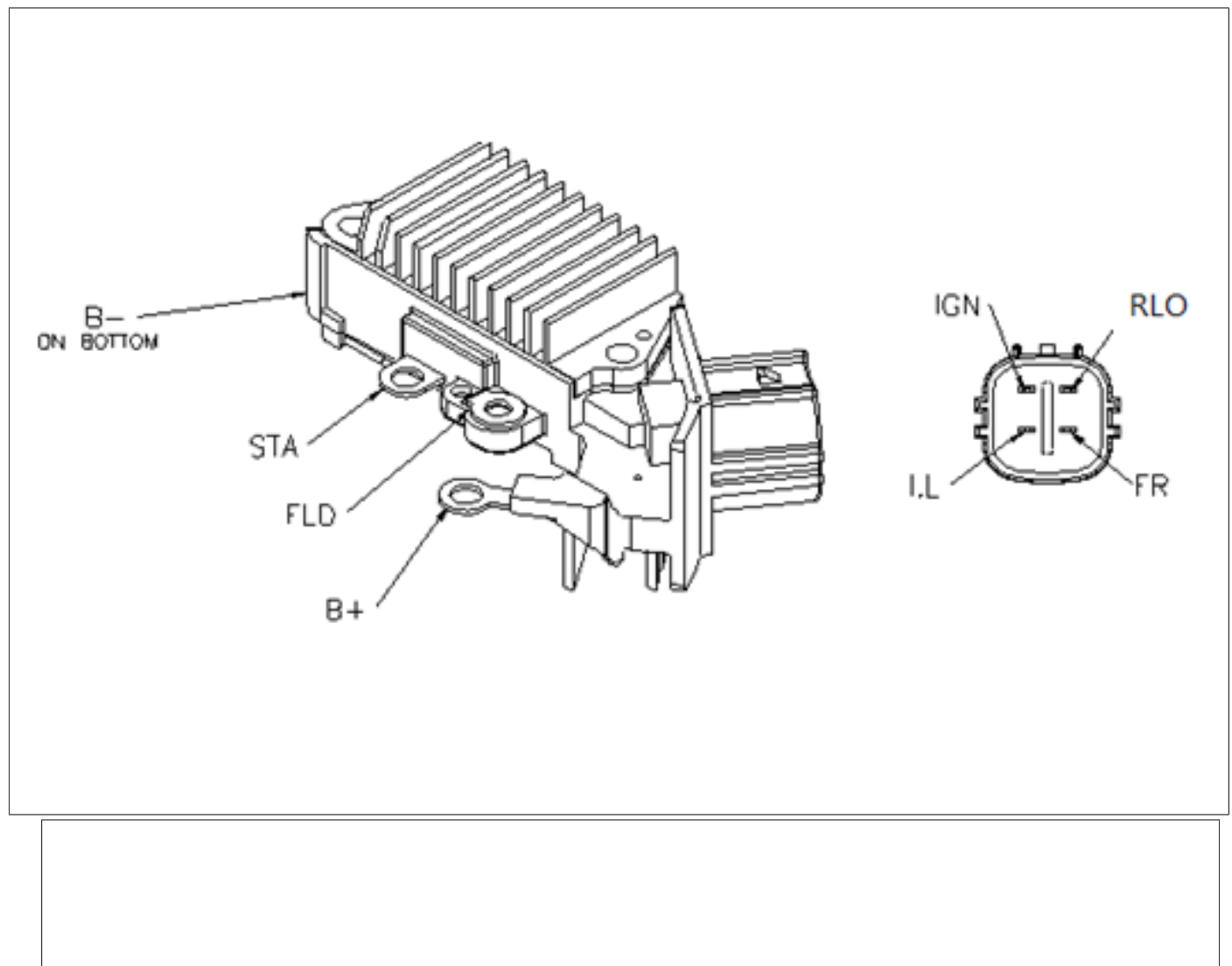


# TRANSPO TESTER INSTRUCTIONS

for Transpo type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN338	B	12	14.2				

- 1. POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
- 2. POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
- 3. Amendments or Additional Tests:**

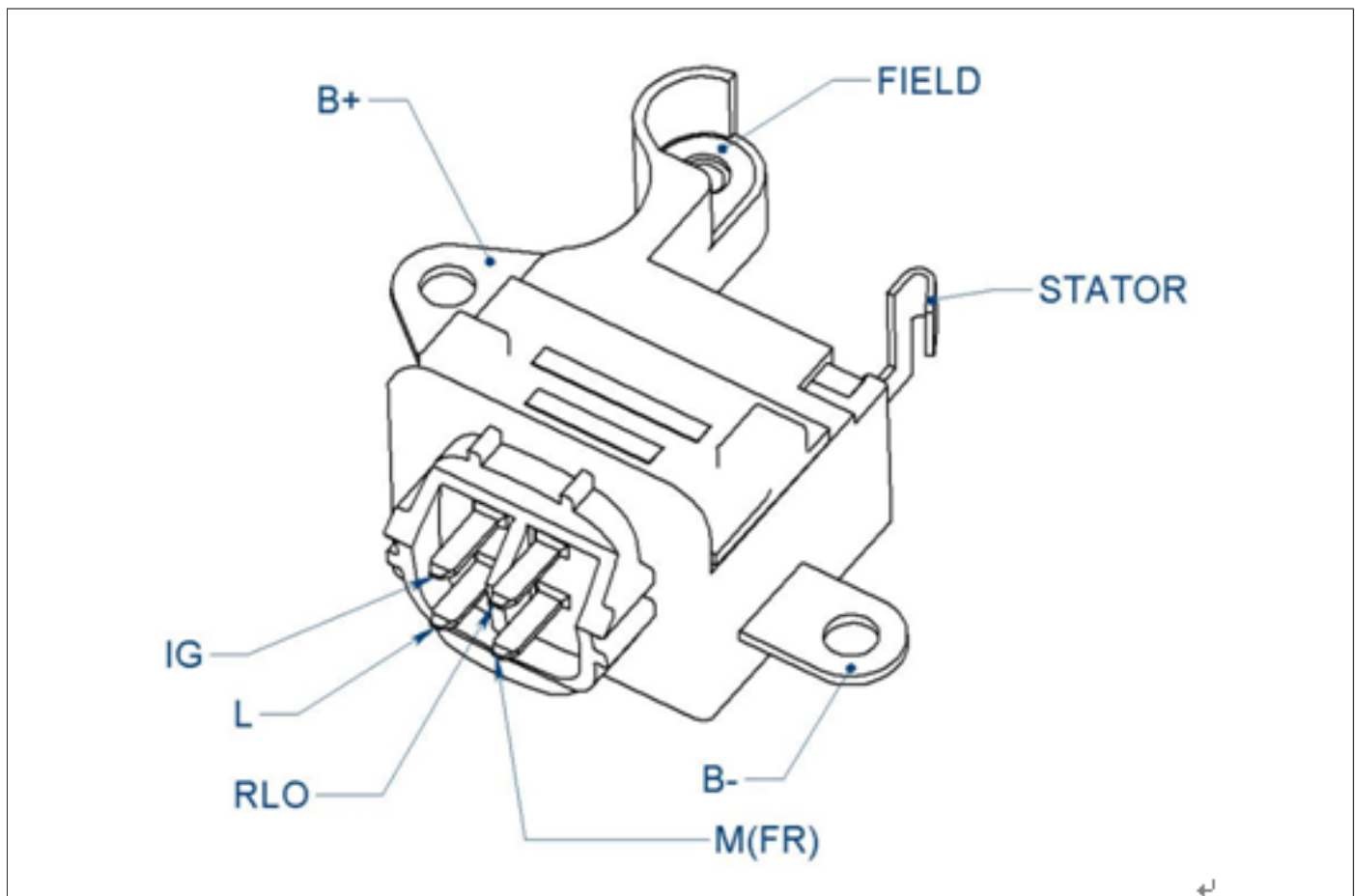


## TRANSPO TESTER INSTRUCTIONS

for Transpo type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN3191	B	12	14.26				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**



## TRANSPO TESTER INSTRUCTIONS

for Transpo type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN4910	B	12	13.8				

1. **POWER OFF:** Set 'FLD' switch and 'Voltage Range' switch to compatible setting. Connect the Voltage Regulator as indicated in the diagram or as described in the 'Amendments or Additional Test' notes.
2. **POWER ON:** Tester field lamp should blink and tester meter should indicate the approximate Set Point Voltage noted in the table above.
3. **Amendments or Additional Tests:**

