



VRC 2010 Tester upgrade Procedure

Steps to remove the old chip

1. Power up the VRC2010 tester, switch to 12 volt setting, "B" circuit and verify the meter voltage is correct for BSS/LIN regulators. Meter should indicate 12.0 volts.
2. Place the VRC2010 on the work bench, turn off the power switch, unplug power cord and remove cover screws (figure 1).
3. Prior to touching any circuit boards in the VRC2010 caution should be taken to prevent ESD damage to the circuit boards and the replacement chip. The use of an ESD wrist strap for static protection is strongly recommended. This practice should be observed during the removal and replacement of the chip.
4. Locate the BSS/LIN board and remove it carefully (figure 2).
5. Place the board on a flat surface and remove the BSS/LIN computer chip.
6. Carefully remove the chip by using a small flat screwdriver. Insert the tip of the screw driver under one end of the IC, slowly rotate the screwdriver. The end of the IC should pop-up. Once this is done put the screwdriver on the other side of the IC and repeat (figure 3).

Steps to instal the new chip

1. Place the VRC2010-IC-REV4 into the socket.
NOTICE: The IC notch should be towards the connector (figure 4).
2. Re-Install the board into the tester, place the cover back and secure it with the screws.
3. Power up the tester and verify the voltage on the meter reads 12 volts.
4. You are now ready to test the latest BSS and LIN type voltage regulators.
5. For any additional information please e-mail:
info@waiglobal.com



