



Agricultural **& Industrial**

Starters & Alternators

- ✓ **100% new units - Outright sales**
- ✓ **No core charges or handling**
- ✓ **Warranty rate reduction through extended field life of new units**
- ✓ **Extensive coverage including late-model products**

Product line coverage

590+ part numbers

- ✓ Construction
- ✓ Forklift
- ✓ Farm equipment

Field proven quality

- ✓ Over 2,000,000 units sold over the past 10 years
- ✓ Premium brand Transpo electronics manufactured by WAI
- ✓ Premium grade WBD bearings
- ✓ Tested to OEM specifications
- ✓ Alternators – Thorough testing of output current at idle and full-load RPMs
- ✓ Starters – RPM, torque, voltage and solenoid performance

Validation testing includes:

- Endurance
- Humidity
- Power thermal cycling
- Vibration
- Salt spray
- Thermal shock



Top 10 Starters & Alternators



The Power of WAI

18973N



**Starter-Mitsubishi PMGR
12 Volt, CW, 9-Tooth Pinion**

Replaces: Mitsubishi M000T65381, M000T65581, M000T65585, Nissan, Infiniti 23300-F4U010, & more

Used on: Caterpillar Ag. & Ind. (2004-2009), Kalmar AC (2001-2005), & more

Lester: 18973

16990N



**Starter-Denso OSGR
2.5kW/12 Volt, CW, 13-Tooth Pinion**

Replaces: Bluebird Bus 1315480, 1760057, 1769512, & more

Used on: Bluebird (1994-1998), Case (1983-2008), & more

Lester: 16990, 17390, 17394

18144N



**Starter-Denso OSGR
1.4kW/12 Volt, CW, 9-Tooth Pinion**

Replaces: Bobcat 6653920, Denso 028000-4200, 028000-4201, 028000-4990, 028000-4991, & more

Used on: Bobcat (1990-1998), Compac Equipment Mfg. (1997-2006), & more

Lester: 16645, 16650, 17363, & more

18949N



**Starter-Bosch PMGR
2.0kW/12 Volt, CW, 9-Tooth Pinion**

Replaces: Bosch 0 001 109 035, Caterpillar 333-5930, Delco 8000111, 8000277, 8000344, 8000417, & more

Used on: Caterpillar Ag. & Ind. (2009-2016), J.C. Bamford (2009-2016), & more

Lester: 18949, 6697

18951N



**Starter-Bosch 223 Series PLGR
2.3kW/12 Volt, CW, 9-Tooth Pinion**

Replaces: Bosch 0 001 109 369, 0 001 223 016, 0 001 223 021, & more

Used on: Bomag (1997-2006), Gehl (1996-2009), Hamm (2001-2006), & more

Lester: 18951, 19823

12738N



**Alternator-Marelli IR/IF
85 Amp/12 Volt, CW, w/o Pulley**

Replaces: Caterpillar 225-3141, 225-3143, 305-3661, 394-3494, 394-3496, 3943496, Delco 8600566, & more

Used on: Caterpillar Ag. & Ind. (2000-2016), JCB (1998-2007)

Lester: 12550, 12735, 12736, & more

8003N



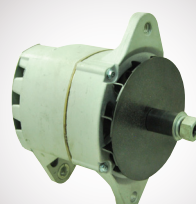
**Alternator-Delco 21SI Series IR/
EF-70 Amp/24 Volt, CW, w/o Pulley,
Neg. Grd., 1-Wire System**

Replaces: Cummins 3675174RX, 3675201RX, 3920617, & more

Used on: Champion (1994-1998), Consolidated Diesel (1992-1992), & more

Lester: 12749, 7642, 8003, 8034

7297N



**Alternator-Delco 20SI Series IR/
EF-45 Amp/24 Volt, Bi-Directional,
Neg. Grd., w/o pulley**

Replaces: Caterpillar 0R2698, 0R5217, 3N2702, 3N2706, 3T6352, & more

Used on: Allis Chalmers (1980-1986), Atlas Copco (1996-2007), & more

Lester: 7297, 7467

12161N



**Alternator-Bosch IR/EF
65 Amp/12 Volt, CW, w/o Pulley**

Replaces: Bosch 0 120 488 205, 0 120 488 285, 0 120 488 293, & more

Used on: Atlas Copco (1996-2006), Bell (2000-2006), Case (1982-2014), Caterpillar Ag. & Ind. (1985-1993), & more

Lester: 12146, 12158, 12161, & more

12145N



**Alternator-Bosch IR/EF
95 Amp/12 Volt, CW, w/o Pulley**

Replaces: Argo 398436A1, 651 8619 M91, Bosch 0 120 484 011, 0 120 484 018, 0 120 484 026, & more

Used on: Apache (2001-2011), Bell (2000-2010), Case (1984-2015), & more

Lester: 12145, 12549, 41001



USA

WAI Corporate Florida

3300 Corporate Way
Miramar, FL 33025

Toll Free: 1.800.877.3340

CANADA

WAI Toronto

535 Millway Avenue, Unit 1
Vaughan, Ontario, Canada, L4K 3V4

Toll Free: 1.800.387.2807



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