

BLA II Alternator Installation Instructions

This instruction sheet details the removal and replacement of the Mitsubishi Electric BLA II alternator.



Be sure to follow proper safety techniques as outlined by your shop or employer. This includes wearing safety glasses and gloves at all times, and disconnecting the vehicle's batteries during any repair of the charging system.

The components listed below may continue to have power supplied to them even when the ignition switch is off. Use extreme caution at all times.

Disconnect the vehicle's batteries before any service to the charging system.

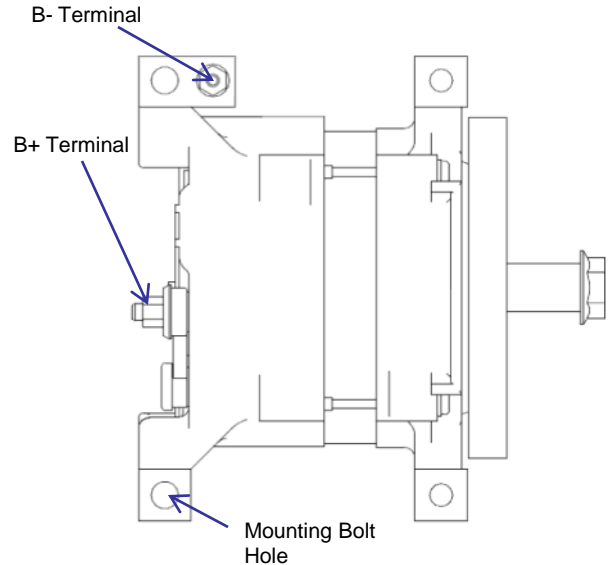


Clean all grommets with a wire brush prior to reinstallation to ensure low resistance connections.

If dielectric grease or other corrosion-inhibiting product is applied to terminals, apply AFTER tightening terminals to proper torque. This procedure ensures low resistance connections.

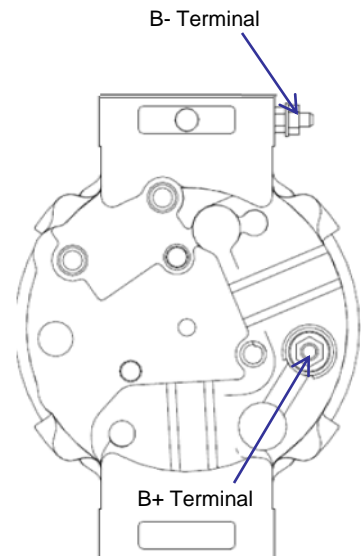
Step 1 – Alternator Removal

- 1) Disconnect vehicle's batteries
- 2) Remove cables connected to alternator's B+ and B- terminals
 - Note cable location for reinstallation
- 3) Disconnect accessory belt from alternator pulley
 - Visually inspect belt for cracking and fraying
- 4) Remove four mounting bolts connecting alternator to engine
- 5) Remove pulley from alternator using an 8 mm hex wrench and a 24 mm wrench
 - Pulley will be reinstalled on the replacement alternator
 - Replace pulley with a new one if damaged



Step 2 – Alternator Installation

- 1) Install pulley removed from alternator in Step 1 onto new alternator
 - See reverse for proper torque values
- 2) Attach alternator to engine using four mounting bolts removed in Step 1
- 3) Connect accessory belt to the alternator's pulley and check belt tension
- 4) Connect positive and negative cables to alternator
- 5) Reconnect vehicle's batteries
- 6) Test alternator
 - See Technician's Guide for testing procedures. Guide is available at www.heavyduty.meaa-mea.com



Alternator Torque Specifications		<u>B+</u>	<u>B- Terminal</u>	<u>Pulley Nut</u>
PAD Mount	lb.ft	5.0-8.0	2.6-5.0	72-101
	lb.in	70-96	31-60	
	N.m	7.8-10.8	3.5-6.8	98-137
	Size	M8	M6	8mm/24mm

Limited Warranty

- All Makes Aftermarket Parts: 3 Years / 350,000 Miles (On-highway Truck) from date of installation
- OES/Service Parts: 1 Year / Unlimited Miles from date of installation
- Please refer to company website for complete warranty details and exclusions

Application Information

Mitsubishi Electric alternators are only approved and warranted for specific applications. To verify an application please refer to our website.

www.heavyduty.meaa-mea.com