



Installation Instructions

CAUTION

This symbol is used to indicate presence of hazards that can cause minor property damage.

1. Install alternator as shown in Figure 1:

CAUTION

Slip bushings located in front and rear mounting lugs must be securely tightened against alternator mounting bracket on engine. Failure to do so can result in broken mounting lugs or broken mounting bracket.

- a. Use hardened washers between aluminum surfaces and bolt heads and nuts. Bolts to be SAE grade 5 min., metric class 8.8 min.
- b. OEM units are shipped with pulley, disc spring washer and locknut installed.
- c. Aftermarket units are shipped with shaft collar, disc spring washer, and nut. Remove and discard shaft collar. Install pulley and furnished disc spring washer. Torque nut to 163 Nm/120 lb. ft.
- d. Follow vehicle manufacturer's recommendations for belt tension.

2. All cabling, wiring or conduit must be supported within 305 mm/12 in. of termination on alternator.
3. Choose wire gauge capable of handling maximum alternator output with no more than 0.4 V drop on each leg from alternator to battery.
4. Regulator is furnished with OEM units and is supplied separately by request with aftermarket units. Mounting screws on regulator should be torqued to 8.5 Nm/75 lb. in.
5. Make electrical connections to CEN regulator as required, using proper ring terminals (follow vehicle manufacturer's diagram and separate instructions packed with extended wiring harness when used):
 - a. Make sure alternator-to-regulator harness is plugged securely in regulator receptacle.
 - b. A2-342 regulator furnished with some units has additional:
 - 3-pin connector for D+/Phase/Eng connection to vehicle
 - J1939 connector to vehicle

Securely attach appropriate vehicle cables to these connectors as required.

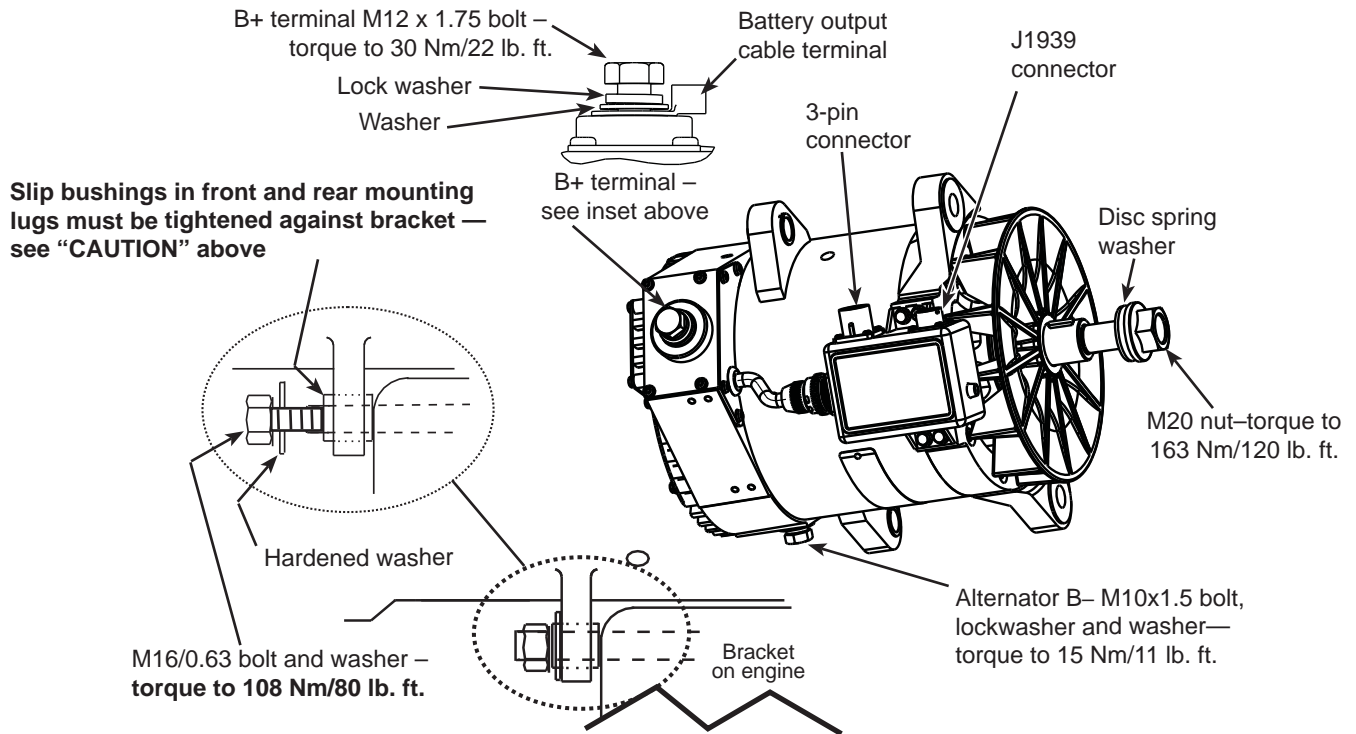


Figure 1 - C672 Alternator Installation Details