



**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 bushing located in rear mounting foot must be securely tightened against alternator mounting bracket on engine. Failure to do so can result in broken mounting feet or broken upper mounting bracket.

- a. Use hardened washers between aluminum surfaces and bolt heads and nuts.
- b. OEM units are shipped with pulley, disc spring washer and nut 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 locknut 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. If regulator is to be remote-mounted, see separate instructions packed with extended wiring harness.
5. Regulator electrical connections:
  - a. Make sure alternator-to-regulator harness plug is secure in regulator receptacle.
  - b. A2-214 or A2-321 regulator has P and D+ 6mm stud terminals, and an IGN 5mm stud terminal. Torque terminal nuts to 4.5 Nm/40 lb. in.

Slip bushing must be tightened against bracket — see "CAUTION" above

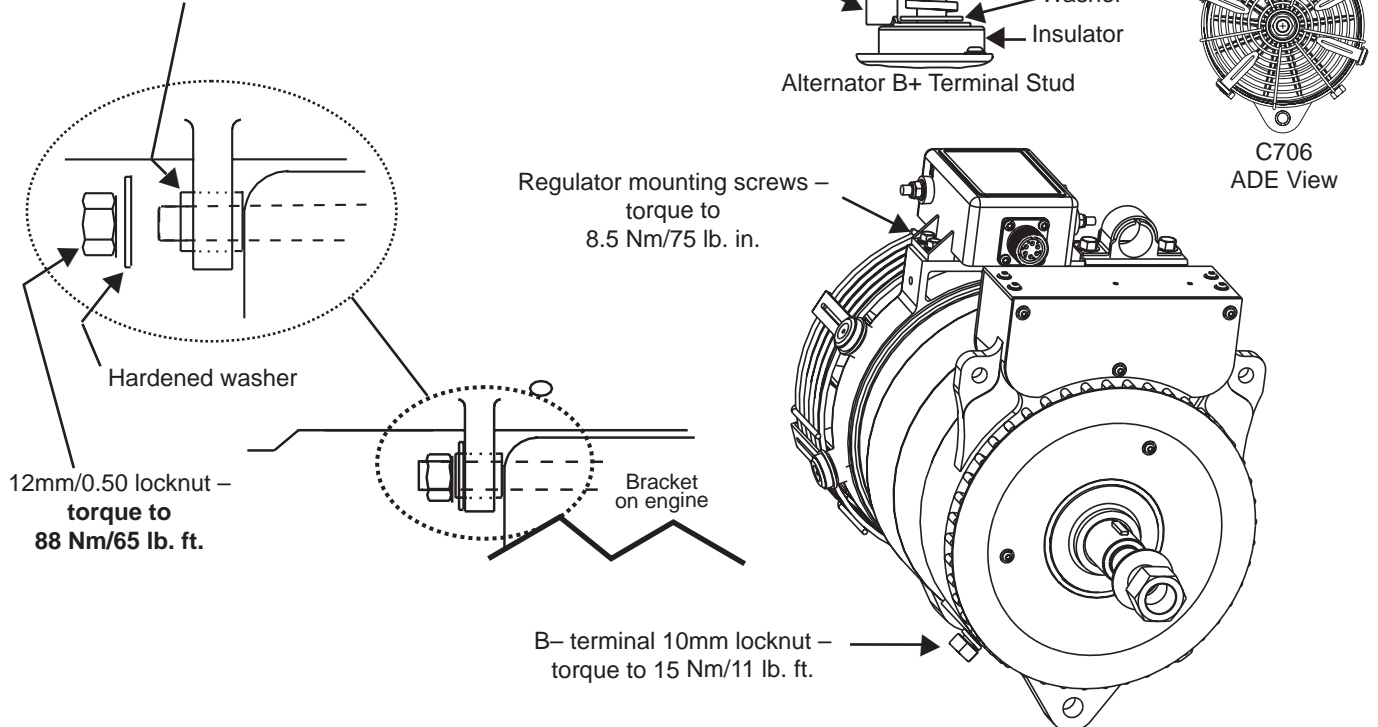


Figure 1 - C706 Alternator Installation Details