



## Installation Instructions

**CAUTION**

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

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.

1. Units are shipped with shaft collar, hardened washer and locknut. Remove and discard shaft collar. Install pulley and furnished hardened washer. Torque locknut to 163 Nm/ 120 lb. ft.

2. Use hardened washers between aluminum surfaces and bolt heads and nuts. Torque mounting bolts to 88 Nm/65 lb. ft.
3. All cabling, wiring or conduit must be supported within 305 mm/12 in. of termination on alternator.
4. Choose wire gauge capable of handling maximum alternator output with minimum voltage drop:
  - 0.4 V for 28 V B+ and B- cables
  - 0.2 V for 14 V B+ cable
5. Follow vehicle manufacturer's recommendations for belt tension.
6. E terminal requires connection for 28 V key ignition switch source.

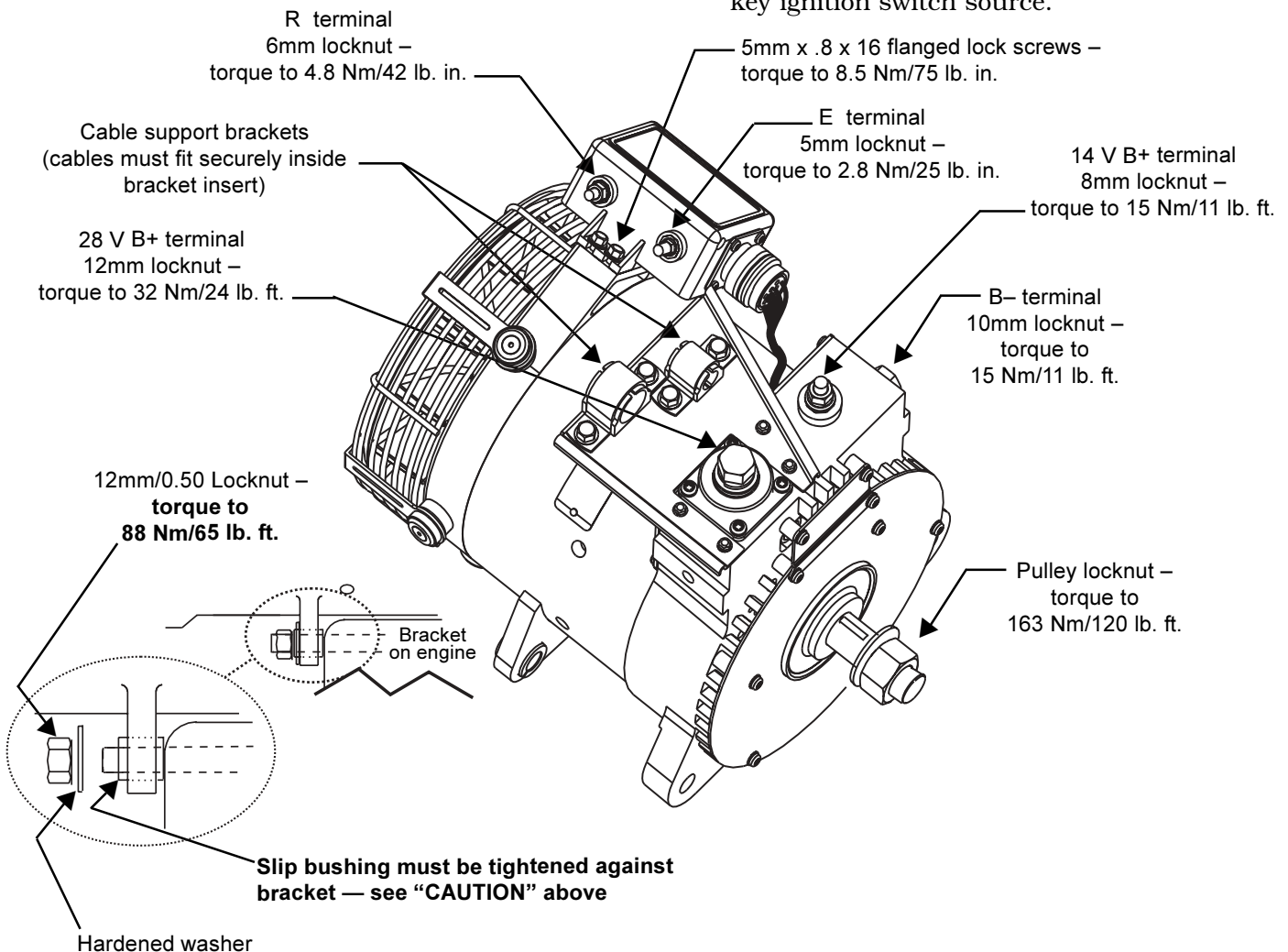


Figure 1 - C651 and C654 Alternator Installation Details