



Install alternator as shown in Figure 1:

1. 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 135 Nm/ 100 lb. ft.
2. Install alternator on pad mount per vehicle manufacturer's instructions, including hardware specifications and torque.
3. All cabling, wiring or conduit must be supported within 305 mm/12 in. of termination on alternator.
4. Choose wire gauge for B+ and B- cables capable of handling maximum alternator output with minimum voltage drop.
5. **A2-348** regulator—Factory installed on some units. On other units, install regulator on alternator and torque mounting screws to 8.5 Nm/75 lb. in.
  - Plug alternator-to-regulator harness securely into 5-socket receptacle on regulator.
  - When used, plug temperature-voltage sense harness from vehicle into 5-pin receptacle on regulator.
6. Make electrical connections to regulator as required, using proper ring terminals (follow instructions packed with extended wiring harness when used):
  - a. Make sure harness(es) is plugged securely in regulator receptacle.
  - b. P terminal taps AC voltage, typically half the charge voltage. If required, connect P terminal to tachometer or relay. Torque terminal nuts with disc spring washers to 4.5 Nm/40 lb. in.

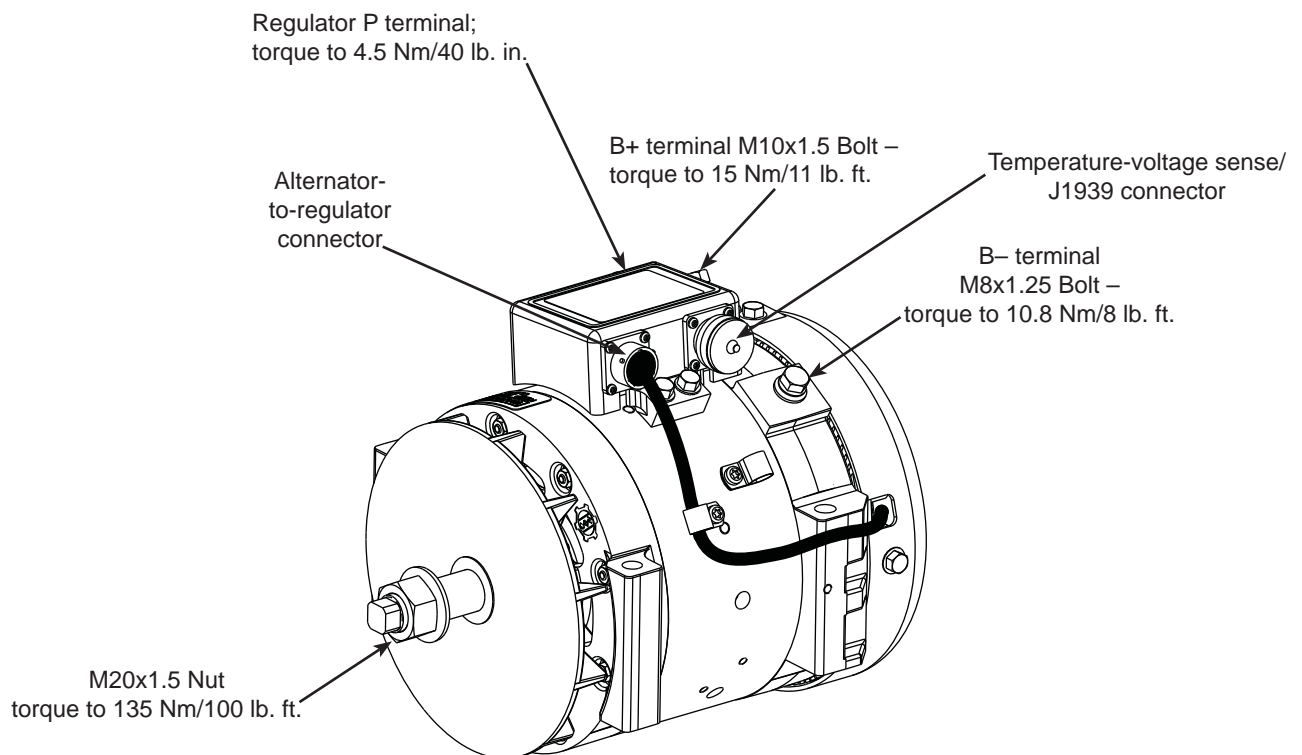


Figure 1—C534 or C534-1 Alternator w/A2-348 Regulator Installation Details