



Install alternator as shown in Figure 1:

- OEM units are shipped with pulley, belleville washer, and nut installed.

Aftermarket units are shipped with shaft collar, belleville washer, and nut. Remove and discard shaft collar. Install pulley and furnished belleville washer. Torque nut to 163 Nm/120 lb. ft.
- Install alternator on pad mount per vehicle manufacturer's instructions, including hardware specifications and torque. Use hardened washer between aluminum surface and bolt heads, nuts, ect. Bolts to be SAE grade 5 minimum, metric class 8.8 minimum.
- All cabling, wiring or conduit must be supported within 305 mm/12 in. of termination on alternator.

- Choose wire gauge for B+ and B- cables capable of handling maximum alternator output with minimum voltage drop.
- Regulator is furnished with OEM units and is supplied separately by request with aftermarket units. Install regulator on alternator and torque mounting screws to 8.5 Nm/75 lb. in. Plug alternator-to-regulator harness securely into regulator.
- Make electrical connections to regulator, using proper ring terminals:
 - Connect IGN terminal to ignition source through existing switch. Torque M5 terminal nut on regulator to 4.5 Nm/40 lb. in.
 - When required, connect P terminal to tachometer or relay. P terminal taps AC voltage, typically half the charge voltage. Torque M6 terminal nut on regulator to 4.5 Nm/40 lb. in.

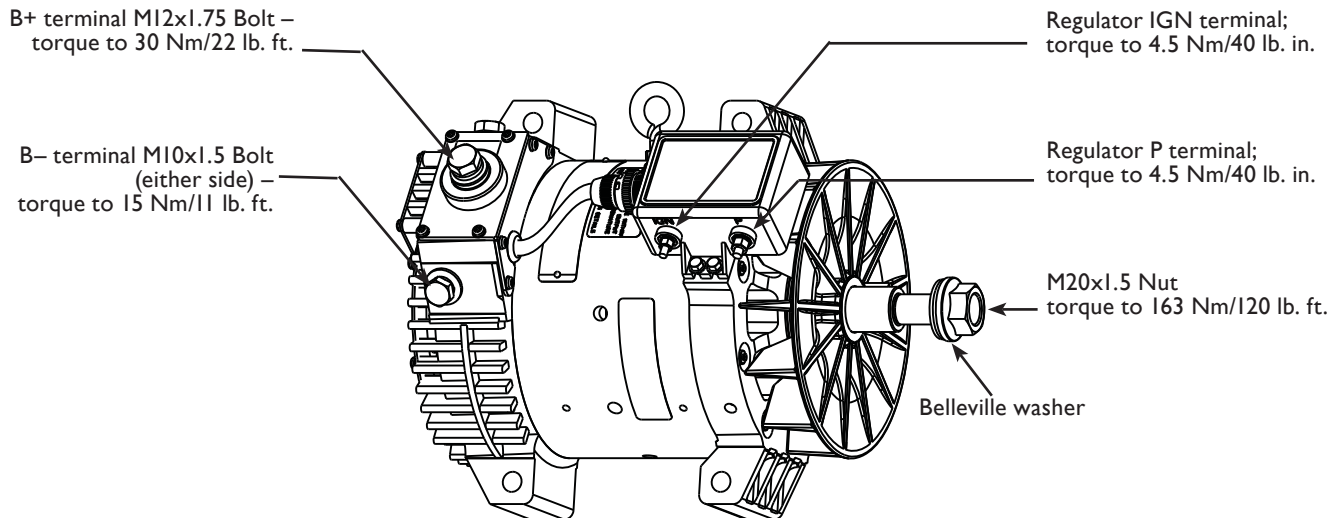


Figure 1—C680 Alternator w/A2-155 Regulator Installation Details

If you have questions about your alternator or any of these instructions, or if you need to locate a Factory Authorized Service Dealer, please contact us at:

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