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 locknut 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. C524: Install regulator as specified by customer.

   C524-1/C524-3: A2-334 regulator was shipped as factory-installed on original alternator. If alternator was replaced, re-install regulator on alternator and torque mounting screws to 8.5 Nm/75 lb. in.

   C524-4: Install A2-335 regulator as specified by customer.

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**Diagram:**

- **Regulator IGN terminal:**
  - Torque to 4.5 Nm/40 lb. in.

- **Regulator P terminal:**
  - Torque to 4.5 Nm/40 lb. in.

- **B+ terminal**
  - M10x1.5 Bolt – torque to 15 Nm/11 lb. ft.

- **B– terminal**
  - M8x1.25 Bolt – torque to 10.8 Nm/8 lb. ft.

- **M20x1.5 Nut**
  - Torque to 135 Nm/100 lb. ft.

- **Disc spring washer**

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Figure 1—C524 Alternator w/A2-334 Regulator (shown) Installation Details