

Dual Alternator Bracket Kits for GM Trucks

Bracket Kit:

| D200 Dual Bracket Assembly (Bracket Only) | | |
|--|-----------------------------|----------|
| Part Number | Description | Quantity |
| DBL ALT BKT-FT PLATE | Front Plate | 1 |
| DBL ALT BKT-RR PLATE | Rear Plate | 1 |
| DBL ALT BKT-SPACER C | Spacer .352 Long | 1 |
| DBL ALT BKT-SPACER B | Spacer .665 Long | 2 |
| DBL ALT BKT-SPACER A | Spacer 1.612 Long | 3 |
| DBL ALT BKT-SPACER D | Spacer 2.00 Long | 3 |
| DBL ALT BKT-SPACER F | Spacer 3.900 Long | 1 |
| DBL ALT BKT-STP SPACER G | Step Spacer - Idler Pulley | 2 |
| 38028 | Idler Pulley 76mm O.D. | 2 |
| DBL ALT BKT-THREADLOCKER | Med. Strength Thread locker | 1 |
| 1140167 BG | M10-1.5 Ny lock Nut | 6 |
| 1138671 BA | M10-1.5-130MM Hex Bolt | 4 |
| 0141413 BC | M10-1.5x30MM FHSC Bolt | 1 |
| 0141415 BB | M10-1.5x40MM FHSC Bolt | 2 |
| 1138661 BD | M10-1.5x55MM Hex Bolt | 2 |
| 1138665 BE | M10-1.5x75MM Hex Bolt | 4 |
| 11509273 BF | M10 Thick Washer | 2 |

Complete Kits (Includes Bracket, Belt, and Alternator(s)):

99-04 GM trucks w/4.8L, 5.3L & 6.0L engines

Kits include D200 Bracket Assembly, Gates K061115 Belt, & Two Alternators

| D201 Complete Dual Bracket / Black Alternator Kit | | |
|--|------------------------------------|------|
| Alt. P/N | Description | Qty. |
| B8206400B | Billet 400 Amp Alternator BLACK | 2 |

| D201BL Complete Dual Bracket / Blue Alternator Kit | | |
|---|-----------------------------------|------|
| Alt. P/N | Description | Qty. |
| B8206400BL | Billet 400 Amp Alternator BLUE | 2 |

| D201RD Complete Dual Bracket / Red Alternator Kit | | |
|--|----------------------------------|------|
| Alt. P/N | Description | Qty. |
| B8206400RD | Billet 400 Amp Alternator RED | 2 |

05-13 GM trucks w/4.8L, 5.3L, 6.0L & 6.2L engines

Kits include D200 Bracket Assembly, Gates K061120 Belt, & One Alternator

| D202 Complete Dual Bracket / Black Alternator Kit | | |
|--|------------------------------------|------|
| Alt. P/N | Description | Qty. |
| B8206400B | Billet 400 Amp Alternator BLACK | 1 |

| D202BL Complete Dual Bracket / Blue Alternator Kit | | |
|---|-----------------------------------|------|
| Alt. P/N | Description | Qty. |
| B8206400BL | Billet 400 Amp Alternator BLUE | 1 |

| D202RD Complete Dual Bracket / Red Alternator Kit | | |
|--|----------------------------------|------|
| Alt. P/N | Description | Qty. |
| B8206400RD | Billet 400 Amp Alternator RED | 1 |

05-13 GM trucks w/4.8L, 5.3L, 6.0L & 6.2L engines

Kits include D200 Bracket Assembly, Gates K061115 Belt, & Two Alternators

| D203 Complete Dual Bracket / Black alternator Kit | | |
|--|------------------------------------|------|
| Alt. P/N | Description | Qty. |
| B8302370B | Billet 370 Amp Alternator BLACK | 1 |
| B8206400B | Billet 400 Amp Alternator BLACK | 1 |

| D203BL Complete Dual Bracket / Blue alternator Kit | | |
|---|-----------------------------------|------|
| Alt. P/N | Description | Qty. |
| B8302370BL | Billet 370 Amp Alternator BLUE | 1 |
| B8206400BL | Billet 400 Amp Alternator BLUE | 1 |

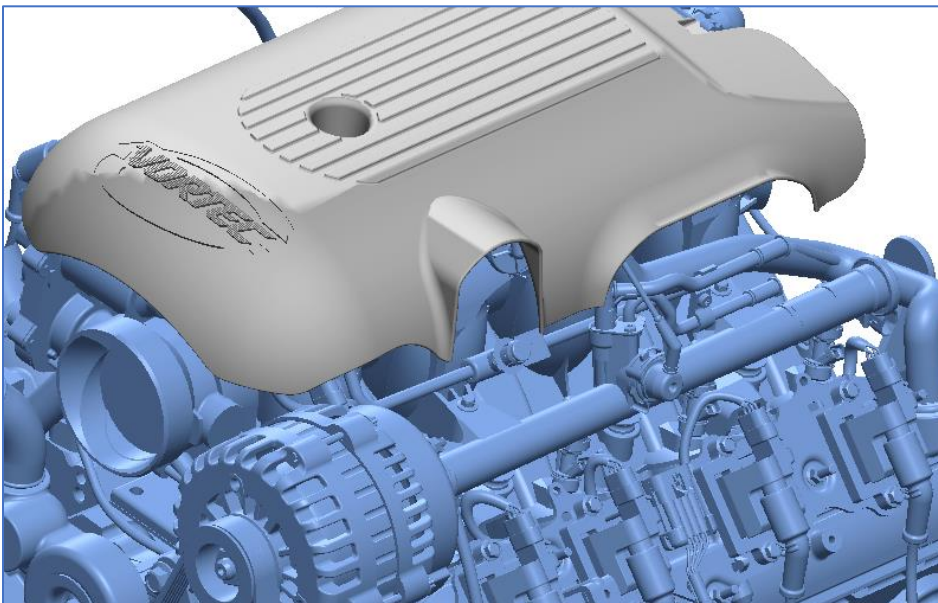
| D203RD Complete Dual Bracket / Red alternator Kit | | |
|--|----------------------------------|------|
| Alt. P/N | Description | Qty. |
| B8302370RD | Billet 370 Amp Alternator RED | 1 |
| B8206400RD | Billet 400 Amp Alternator RED | 1 |

INSTRUCTIONS

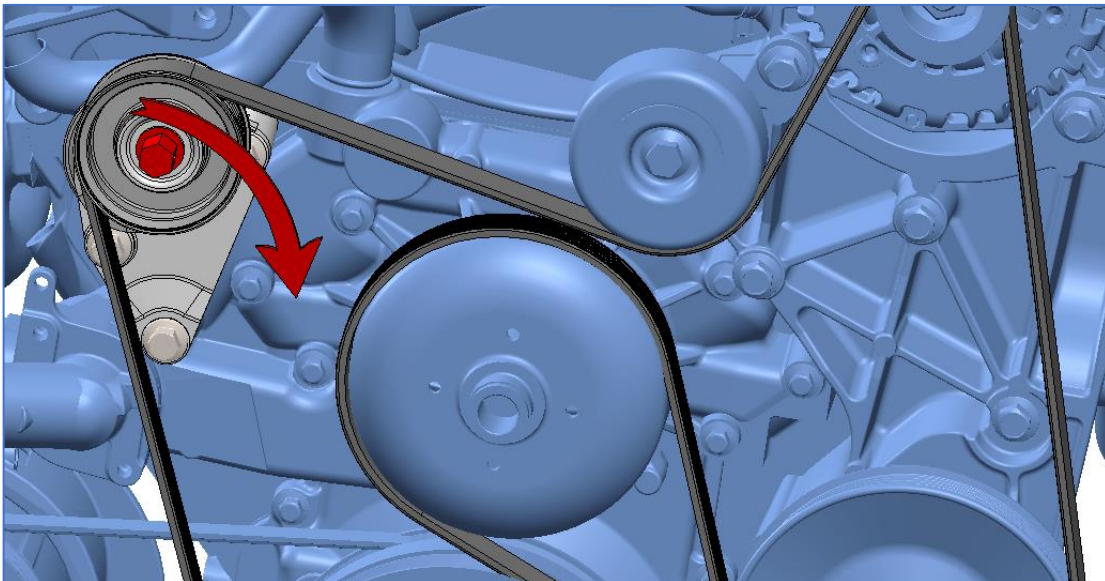
NOTE: This bracket's application covers several vehicle models and years. Some details in the graphics may look slightly different on your application.

Disassembly

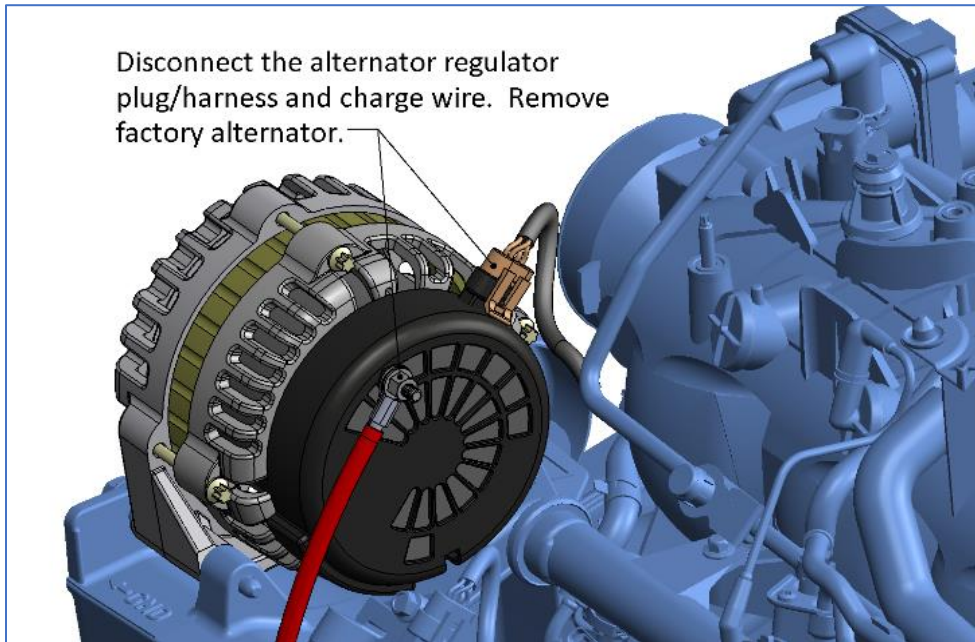
1. Disconnect the negative battery cable before installation. If there are multiple batteries, be certain all chassis grounds are disconnected.
2. To ease the installation process, remove the cosmetic engine cover and upper fan shroud. These components vary on different vehicles. See your vehicle's service manual for the removal process if needed.



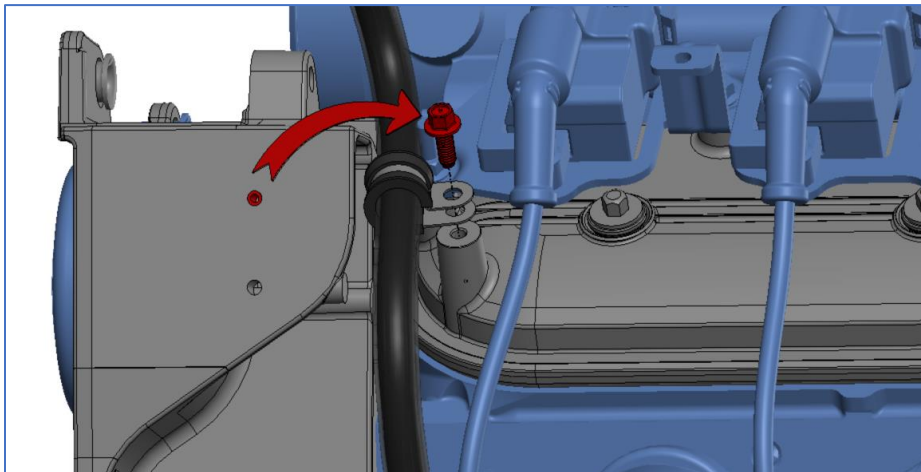
3. Remove the main accessory belt by rotating tensioner clockwise.



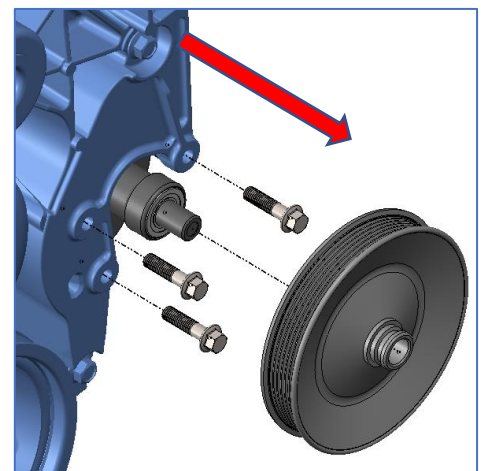
4. Alternator removal:



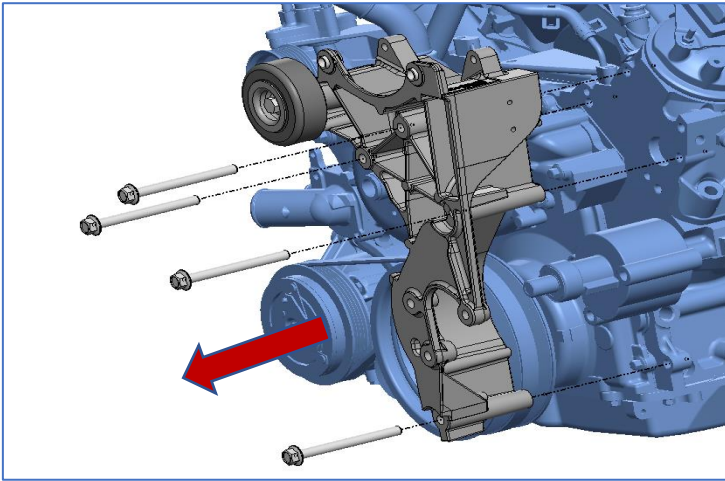
5. Remove the wiring harness that is attached to the side of your factory alternator bracket. Tie this harness safely out of the way clear of heat from exhaust or anything that could cause abrasion. On some applications the harness strap can be relocated to one of the unused valve cover bosses.



6. Using a power steering pulley puller, remove the pulley from the pump. A puller / installer tool kit can be rented at most auto parts stores. Next remove the bracket from the rear of the pump and the three mounting bolts from the front.



7. Remove the four mounting bolts from the factory bracket.

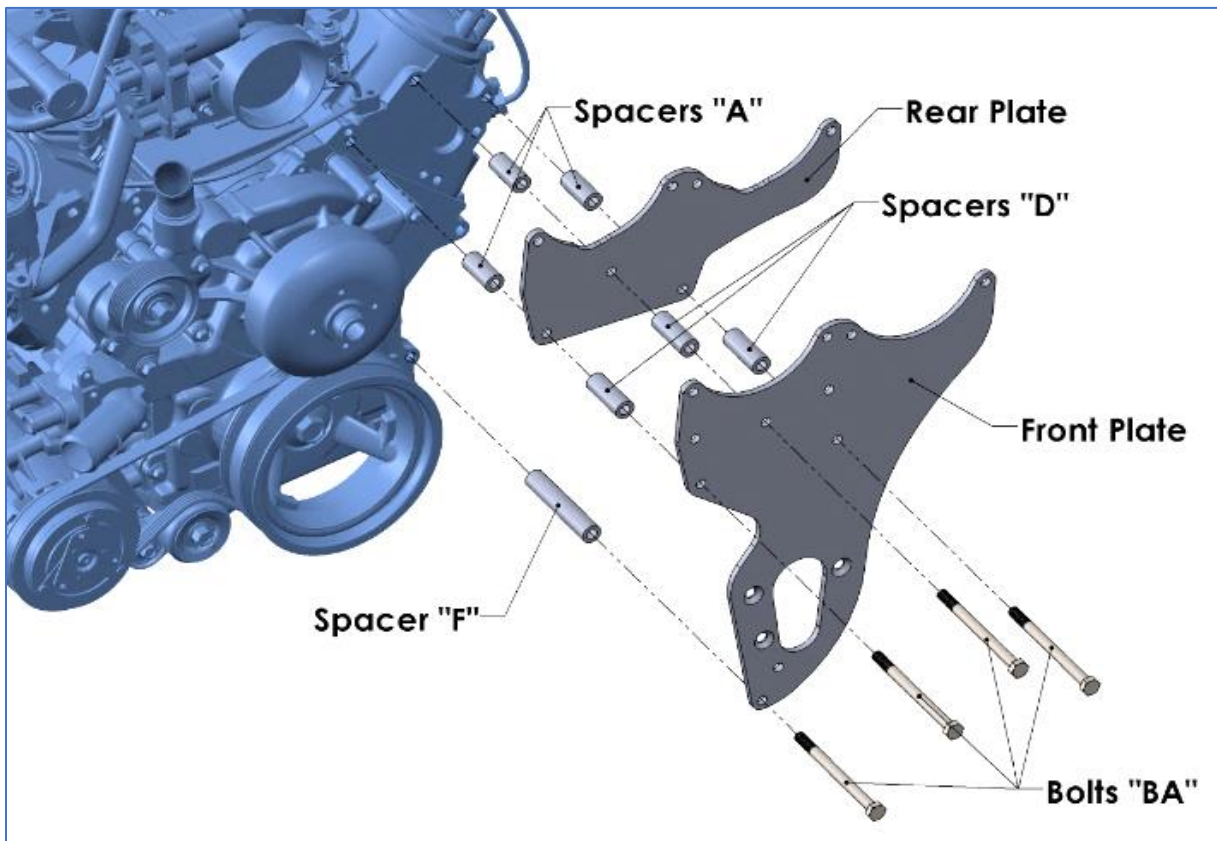


Assembly

NOTE:

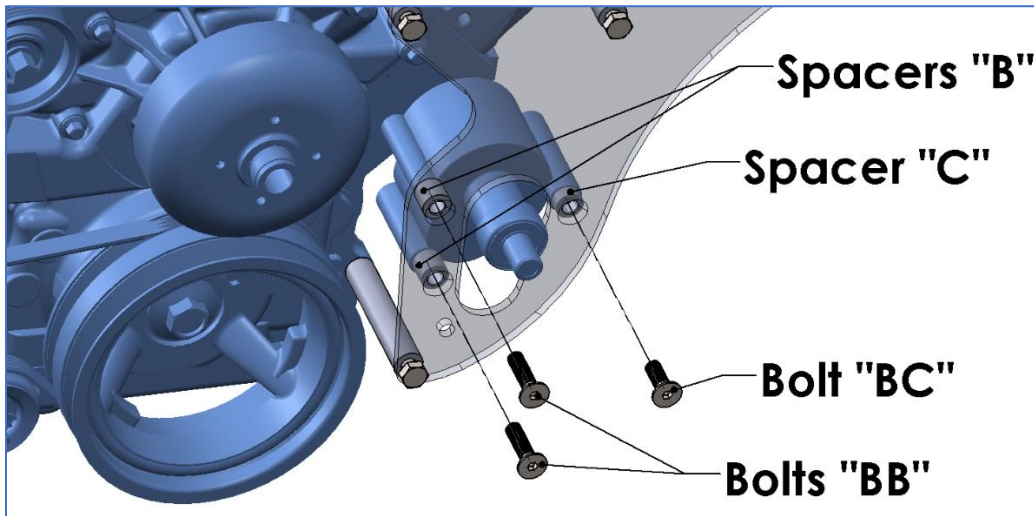
Make sure all mounting points on the engine and brackets are clean of paint and debris.

8. Apply supplied thread locker to the four main mounting bolts and assemble as shown:



Torque M10 bolts to 36 ft./lbs.

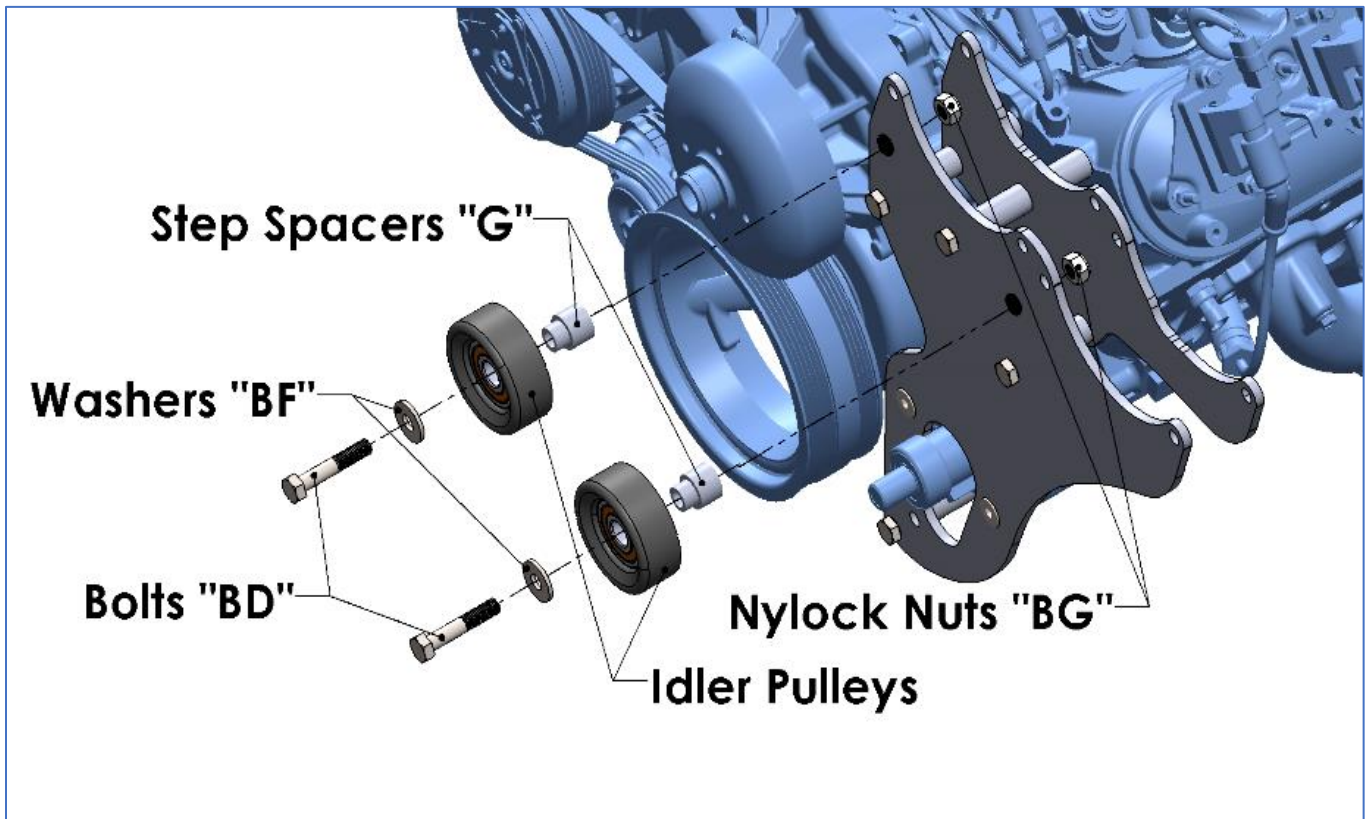
9. Install power steering pump bolts as shown:



Front bracket shown transparent for better visualization of spacer placement.

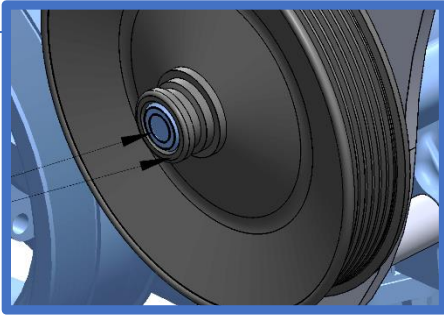
Torque M10 bolts to 36 ft./lbs.

10. Install idler pulleys as shown:

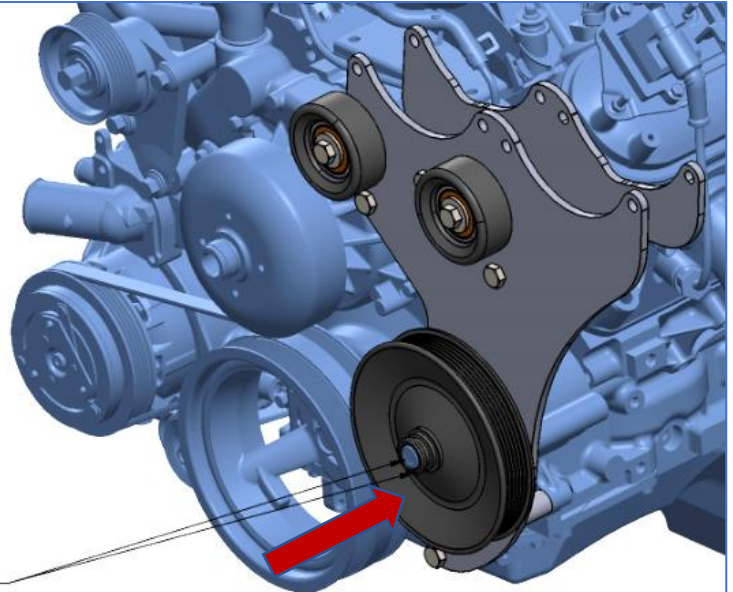


Torque M10 bolts to 36 ft./lbs.

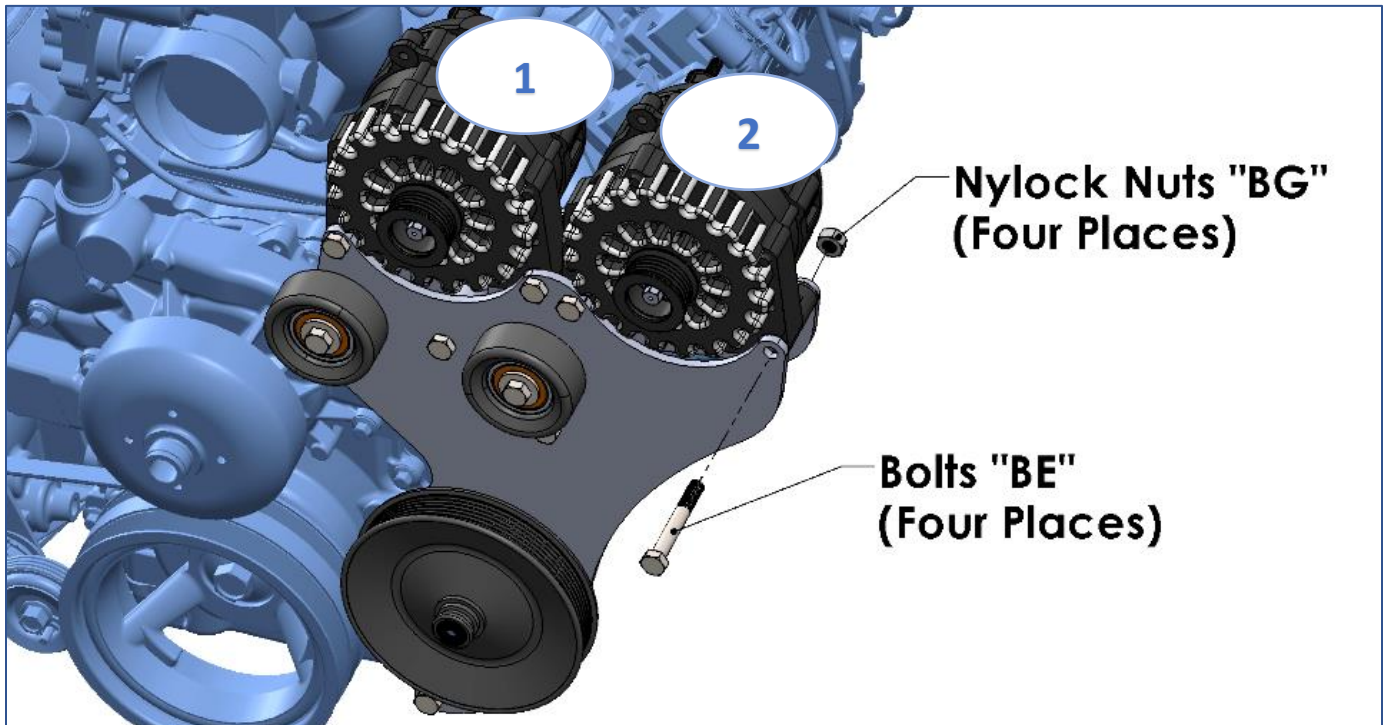
11. Install power steering pump pulley as shown using the installer tool from the kit used during removal:



Make certain the pulley is pressed on until the pulley and pump shaft's surfaces are flush. Failure to align the pulley and pump properly will result in belt alignment issues.



12. Install both alternators as shown:



Torque M10 bolts to 36 ft./lbs.

NOTES:

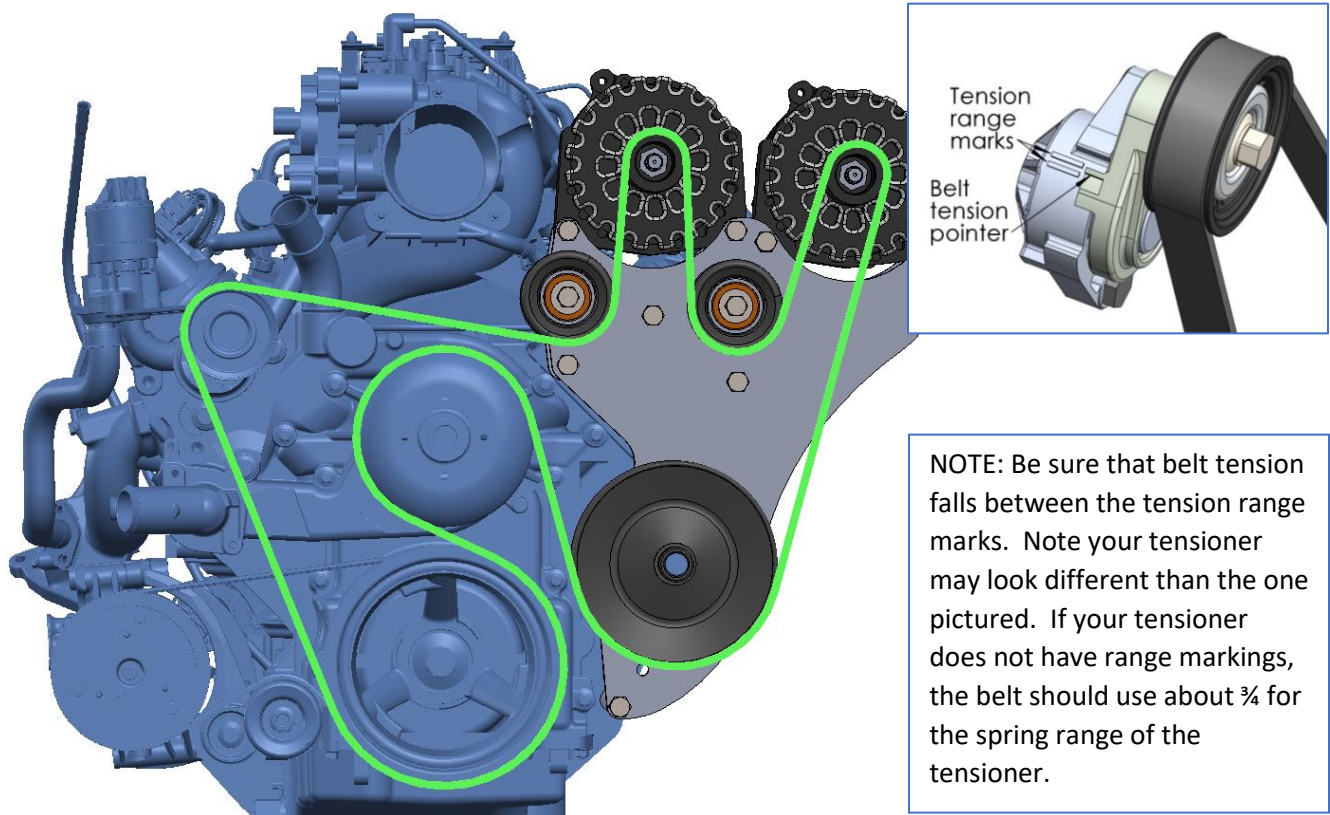
Alternators in graphic may differ from the alternators included with your specific kit.

If one of the alternators you are installing has a regulator plug with only two pins or if you are reinstalling the factory alternator, install it into **position "1"**.

13. Reconnect the factory regulator plug-harness to the alternator in position "1". Follow included instructions sheets for proper wiring of the Mechman alternator in position "2".

14. Reinstall battery cable(s).

15. Install the supplied belt in the shown routing:



16. Reinstall the cosmetic engine cover and fan shroud if removed. If the factory alternator was upgraded, the engine cover may need to be trimmed slightly for clearance.

17. Check all connections and confirm all hardware has been torqued. Test function as described on instructions included with the Mechman alternator(s).

Part# Inst. 0001