INSTRUCTIONS

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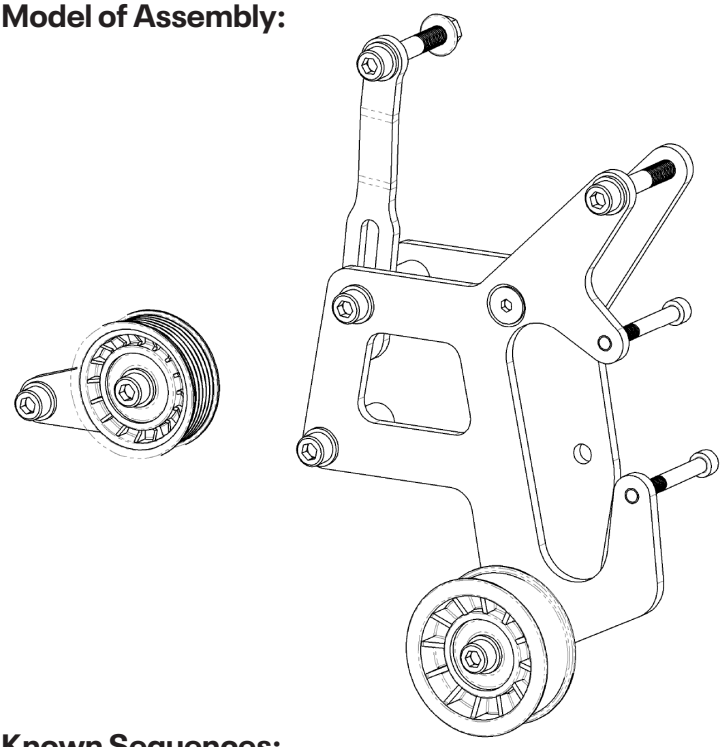
916-68041
LS Alternator & P/S Bracket

Model of Assembly:



Known Sequences:

Torque M8 bolts to 18 ft-lbs and M10 bolts to 36 ft-lbs

1. Remove the 3 plastic thread protectors on the rear of the bracket

2. Attach to the LH/driver side head with 2 M10x1.50x80 SHCS (8mm hex/Allen) and 1 M10x1.50x80 FHCS (6mm hex/Allen)

3. Install the power steering pump WITHOUT the pulley with 2 M8x1.25x70 SHCS (6mm hex/Allen) ***A banjo fitting must be used on the pump pressure port for clearance. It is suggested to install this fitting LOOSELY, with line attached, before installing the pump***

4. Install the alternator with 2 M10x1.50x70 SHCS (8mm hex/Allen) with each washer in front of the alternator

5. Press on the power steering pulley (P/N 425-97152)

6. Install the idler assembly with 2 M10x1.50x35 SHCS (8mm/Allen), or air conditioner bracket if applicable, and route belt according to image.

Additional required P/N's

1. P/S Pulley - 425-97152 (GM # 125-68997)

2. P/S Pump - 425-198100 (GM #261-20639) or (GM # 25960709)

3. Alternator - 425-197300 (GM # 104-80326) or 425-197301 (GM # 157-54097)

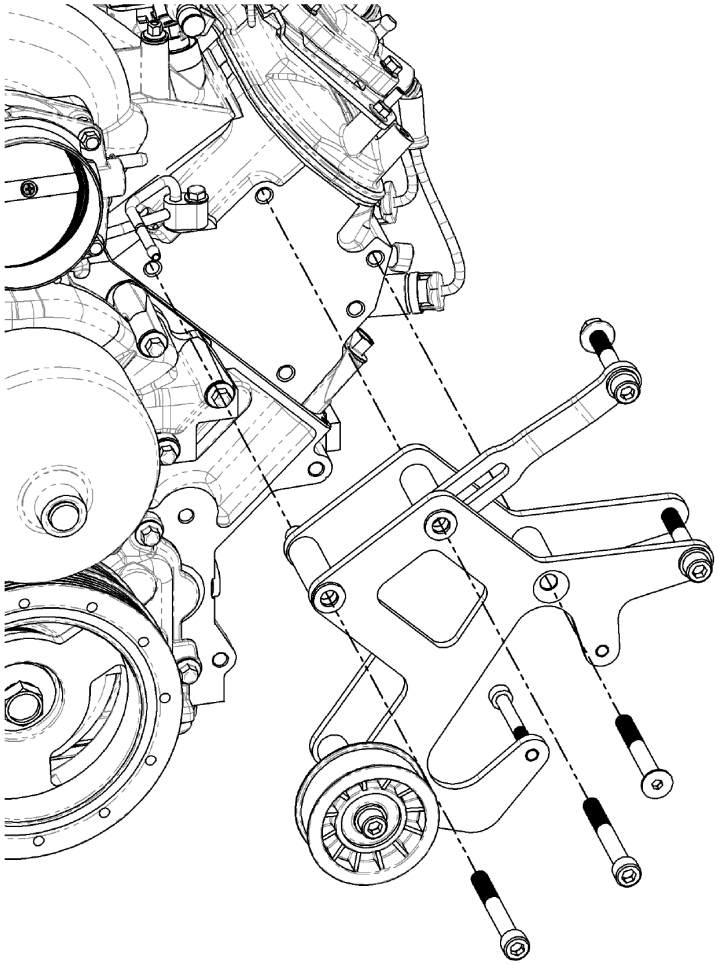
4. Water pump - LS1/LS2/LS6 wide pulley water pump (GM # 192-56263) or LS2 (GM # 890-18052) or truck based water pump (GM # 192-07665).

Additional suggested P/N's

1. P/S Reservoir - 425-198200 (GM # 159-07878, 103-17982, 260-46502, 1255-5222) or 916-68050

2. P/S Hose Kit - 617-4839 (5/8"-18 or M16-1.5 banjo fitting required)

Illustration Suggestions:



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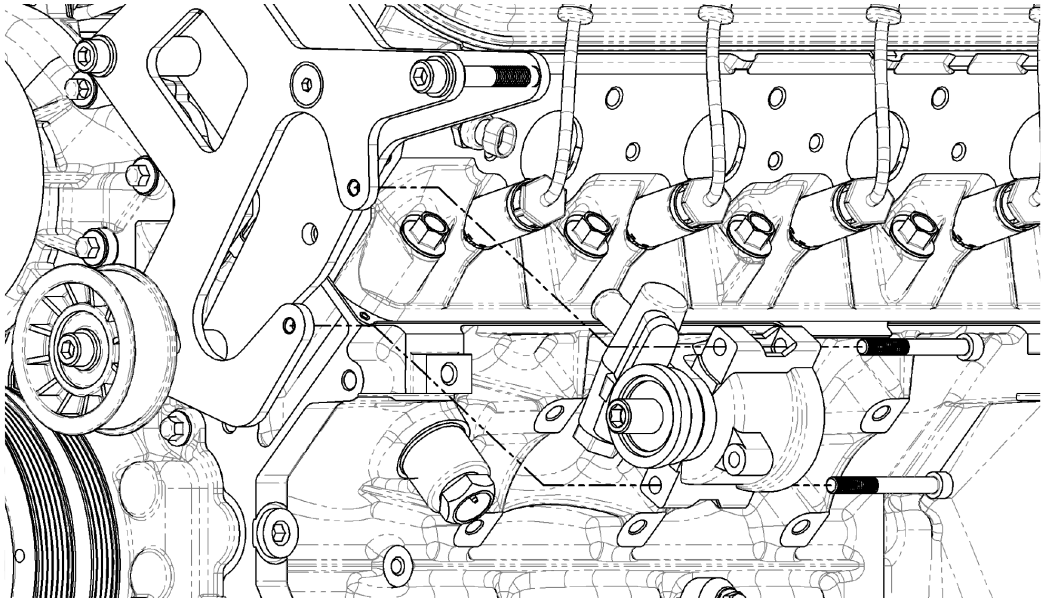

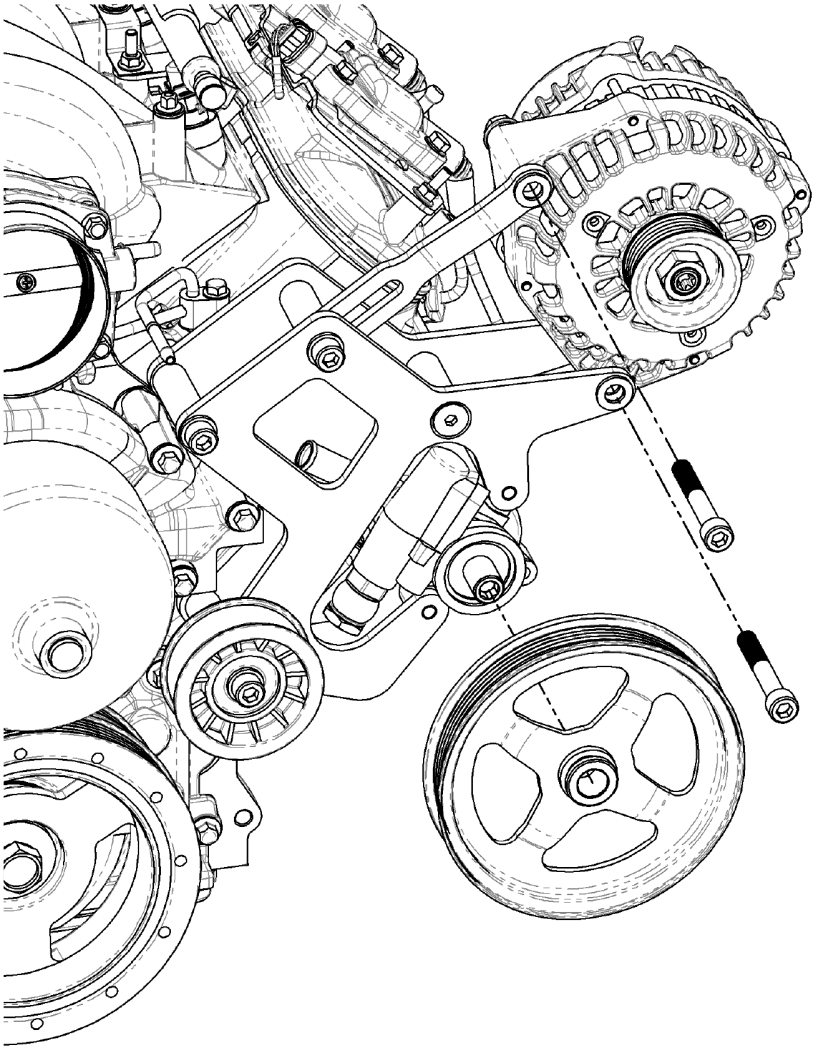

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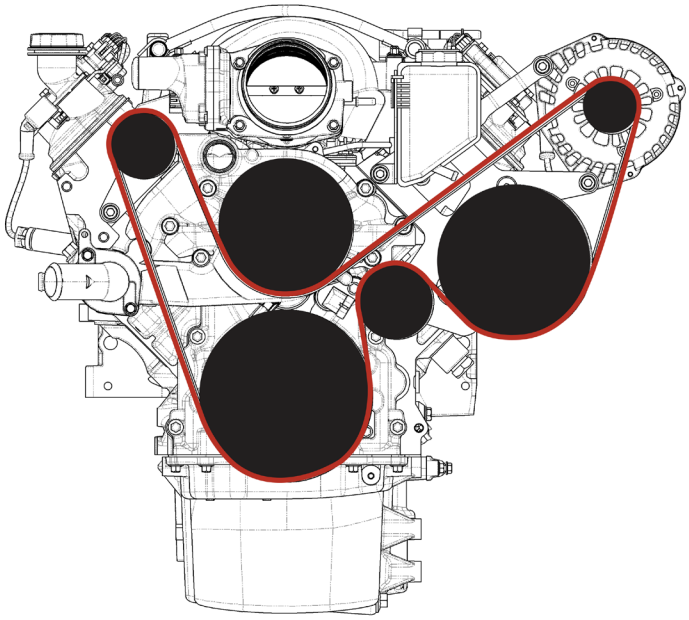

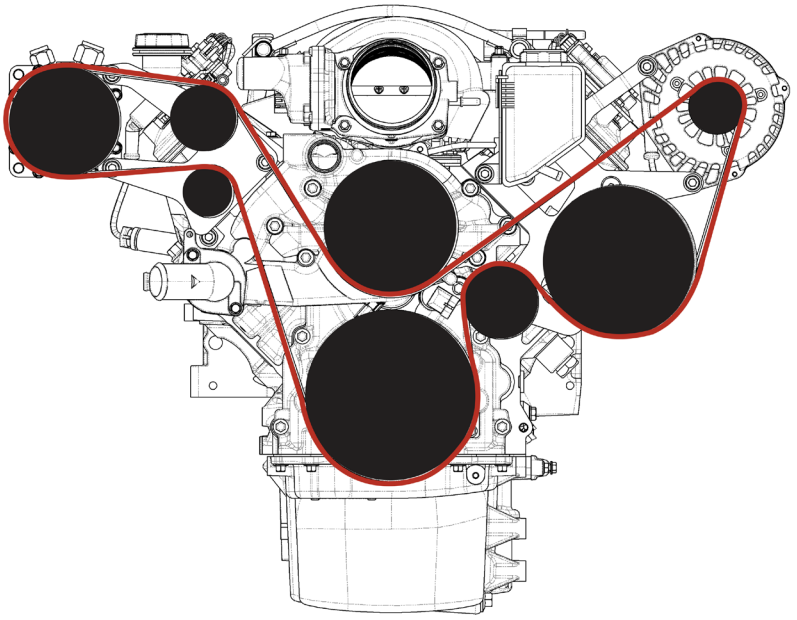

Belt Suggestions:

If used without Air conditioning:
Gates K060790

If used with Air conditioning:
Gates K061000

To measure belt length:
After all brackets and accessories are installed, move the adjusting arm to its shortest position and route masking tape or string around the belt path. Mark or cut the tape/string to length and remove from the pulleys. You will need to convert belt length to millimeters if measured in inches (inches X 25.4 = mm). Go to any auto parts store and ask for a 6PK0000 belt, with the "0000" being the length in millimeters. For example, if you measured 2430 mm, the part number would be 6PK2430.

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