



EDDIE MOTORSPORTS

S.drive

Big Block Chevrolet



INSTALLATION INSTRUCTIONS

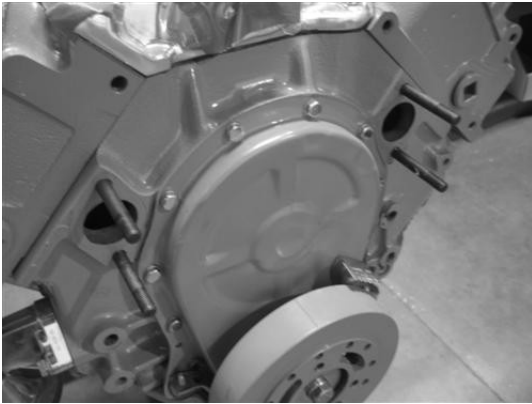
Engine Prep:

- Disconnect battery
- Remove existing alternator, a/c compressor, and brackets.
- Remove all pulleys and brackets

- Clean front of block
- Chase the tapped holes in block with a 3/8-16 thread chaser or tap.

Install Mounting Studs:

1. Apply RTV silicone to one end of each mounting stud.
2. Install the four 3/8-16 x 3 studs into the engine block. They should stick out 2”.



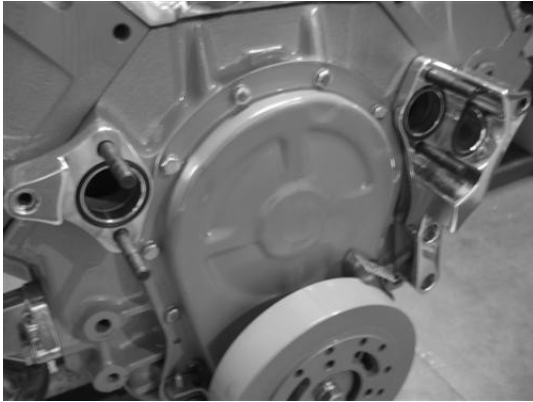
Note: Use the double nuts provided for install if needed.

Install Compressor and Alternator Brackets:

1. Install four O rings in compressor and alternator brackets as shown.

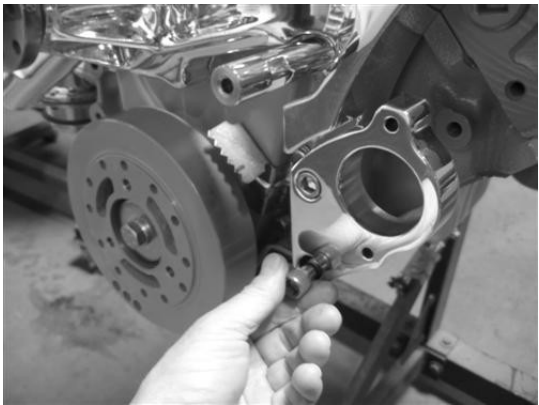


2. Slide brackets over studs.



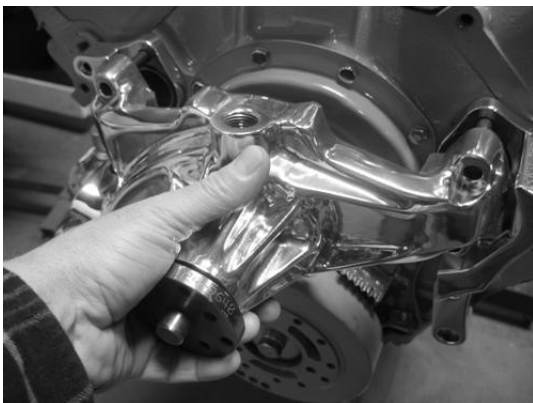
Install Power Steering Bracket:

1. Install power steering bracket using two 7/16-14 x 2-1/4" cap screws with anti-seize. Finger tighten.



Install Water Pump and Spacer Posts:

1. Slide water pump over studs.



2. Apply anti seize to the end of the studs.

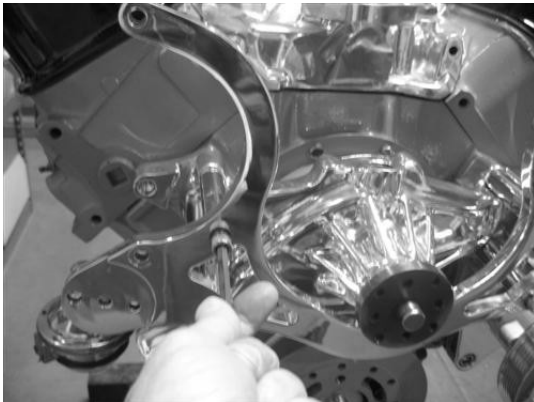
3. Install four (3/4 x 3") spacer posts.



4. Tighten all spacer posts and two cap screws at this time.

Install Main Bracket:

1. Install main bracket using four M8 x 25mm cap screws and washers with anti seize. Finger tighten.



Install Power Steering Pump with Pulley:

1. Install power steering pump using two 5/16-18 x 3" cap screws and lock washers with anti seize. Tighten firmly.

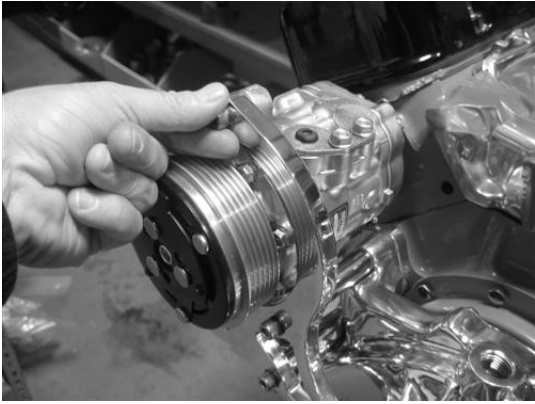


WARNING:

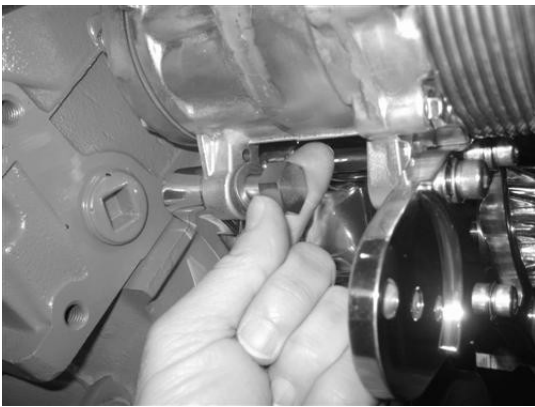
Do not start motor until power steering hoses, reservoir, fluid, etc are installed and system is bled. No warranty on pumps that are run dry.

Install A/C Pump:

1. Install a/c pump using two M8 x 25 mm cap screws and washers with anti seize. Finger tighten.



2. Install compressor lower shoulder bolt and washer with anti seize.

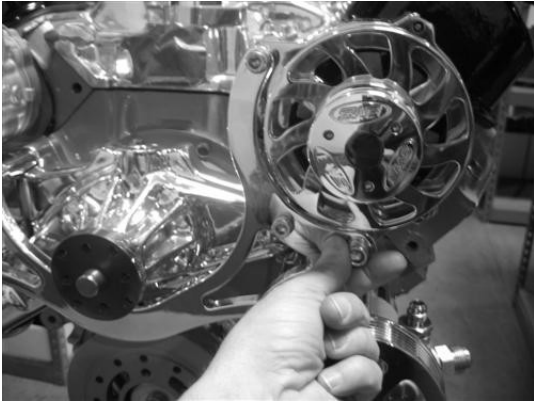


3. Install compressor cover using blue thread locker and three 1/4-20 x 3/4 cap screws. Do not over tighten.



Install Alternator:

1. Install alternator using one M8 x 25mm and one M10 x 80mm cap screws and washers with anti seize.



- Tighten shoulder bolt and all cap screws on a/c pump and alt at this time.

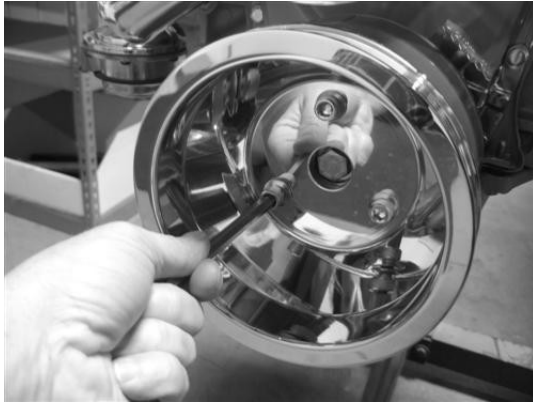
Install Water Pump Pulley:

1. Install water pump pulley using four 5/16-24 x 1/2" cap screws with red thread locker.



Install Crank Pulley:

1. Install crank pulley using three 3/8-16 x 1" cap screws and Belleville washers as shown with thread locker.



Install Tensioner and Belt:

1. Install tensioner on main bracket using the 3/8-16 x 2 1/4" cap screw and washer with thread locker.



2. Using a 1/2" drive ratchet, rotate tensioner and install belt as shown.



888-813-1293