

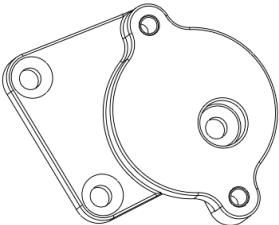


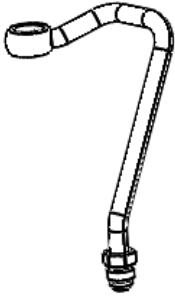


**Holley Gen III Hemi Power Steering Adapter Kit  
Installation Instructions  
97-379, 97-380, 97-382, & 97-383**

For use with Holley 198-104 Power Steering Pump



# Parts List

Image	QTY	Description	Replacement P/N
	1	Gen III Hemi To Saginaw Type II Power Steering Adapter Plate	97-380 or 97-379 Depending on Kit
	1	Saginaw Type II Power Steering Pulley for use with 97-380	97-383
	1	Holley Saginaw Type II Power Steering Pump	198-104
	1	Holley Saginaw Type II Power Steering Pump Pressure Hardline	198-205 or 198-208 Depending on Kit

# Installation Process

1. Before beginning the installation process verify the belt offset. These kits are designed to be used with the car accessory drives only. Truck accessory drive system will not work. Measure from the front face of the block where the timing cover and block meet to the first belt groove on the crank pulley as shown in Figure 1 and consult Table 1 for correct adapter plate.

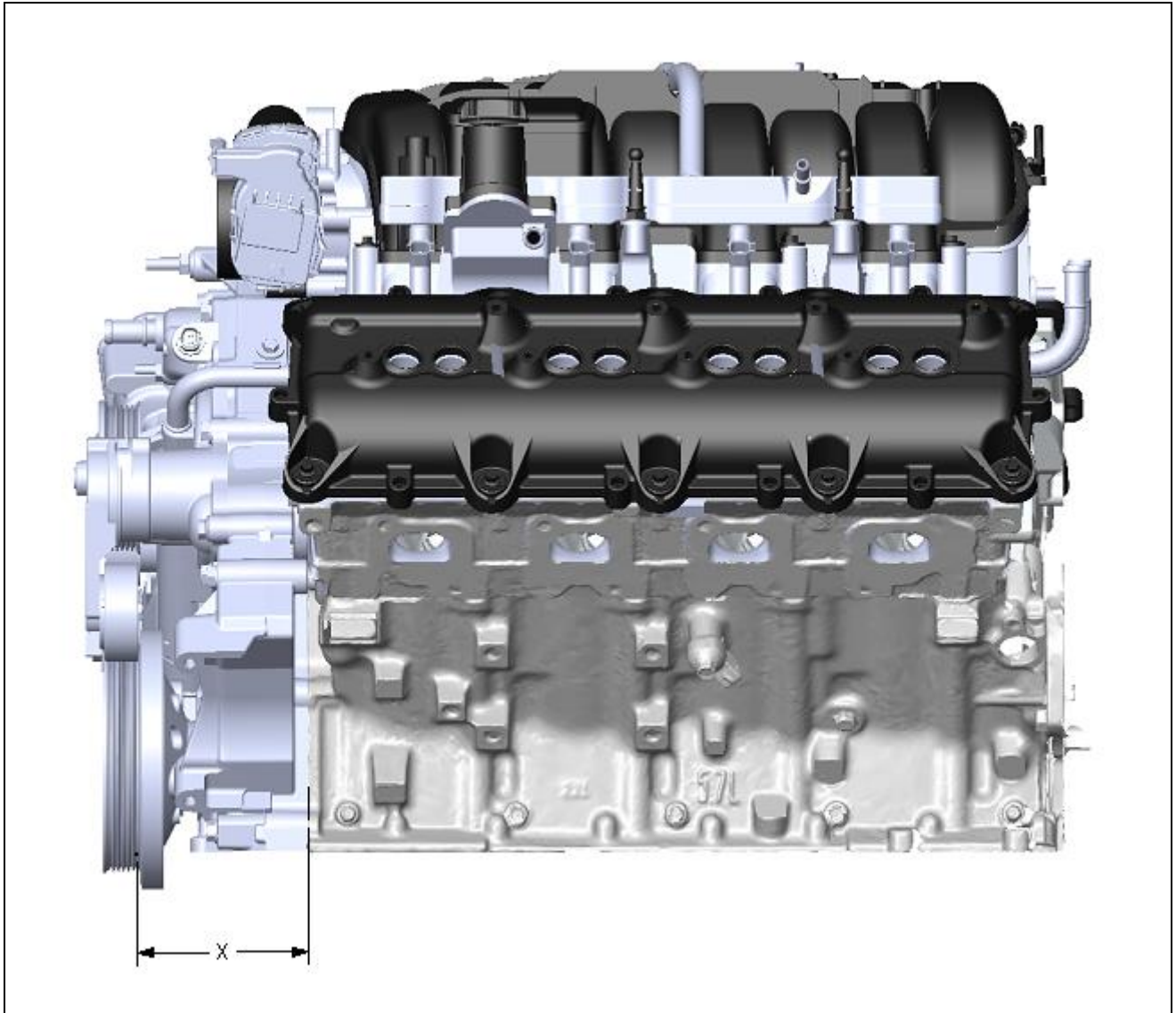


Figure 1-Belt Alignment

Application	DIM X	Adapter P/N
NON-VVT CAR	110.24MM/4.34"	97-379
VVT CAR	122.42MM/4.82"	97-380

Table 1

2. Allow engine to cool before performing any work. With a cool to the touch engine, remove the OEM power steering pump from the engine by removing the OEM serpentine belt, all hoses and hardline connections (**NOTE:** Fluids may be under pressure – use extreme caution.) Then, unbolt the three M8 bolts securing the pump to the cylinder head.

3. Clean the surface of the cylinder head where the Gen III Hemi to Saginaw Type II Power Steering Adapter Plate will mount.

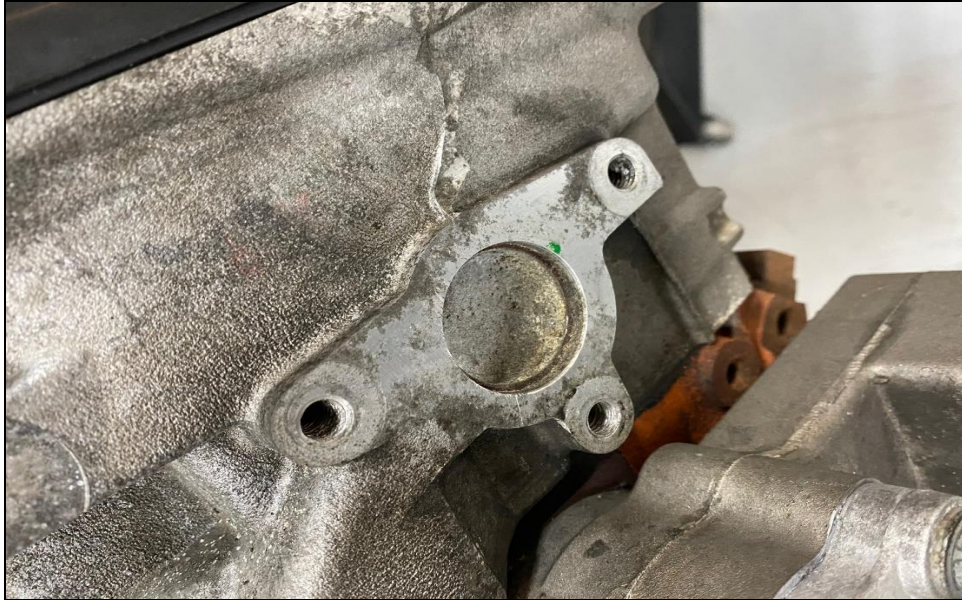


Figure 2 – Gen III Hemi Power Steering Pump Mounting Surface

4. Using the supplied countersink M8 bolts install the adapter plate to the cylinder head using a 5mm hex key or HW5 hex bit socket. Torque adapter plate to head bolts to 21 Ft. Lbs. (28 N·m). **(NOTE: Apply a small amount of blue thread locker to threads).**

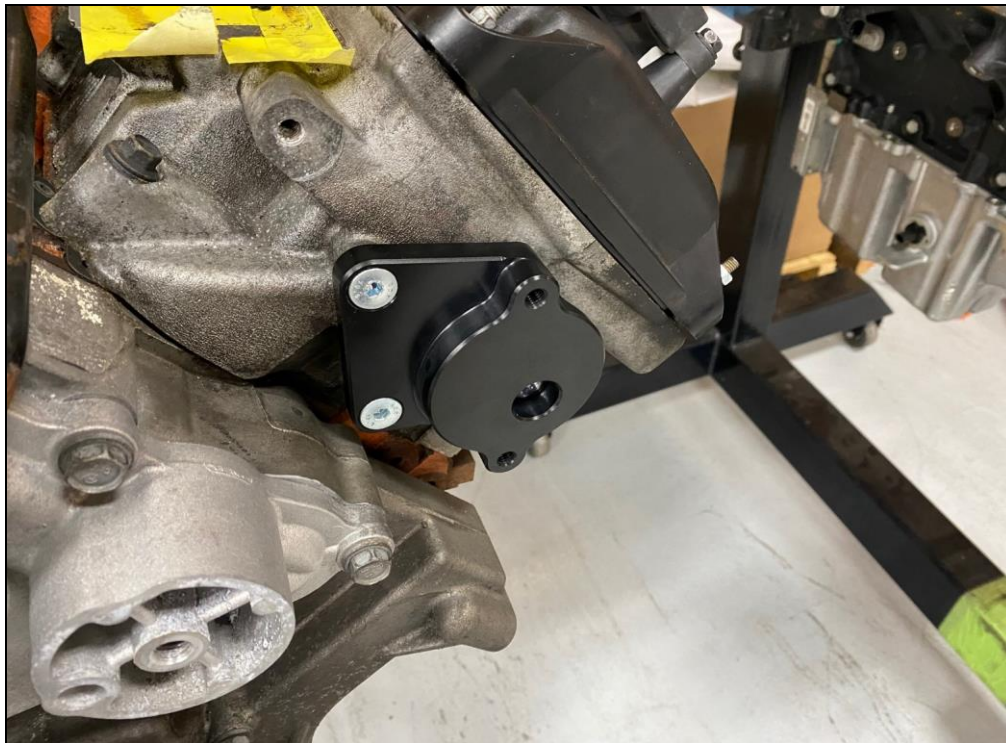


Figure 3 – 97-380 Adapter Mounting to Gen III Hemi Cylinder Head

5. Install the 97-383 power steering pulley onto the Holley Saginaw Type II Power steering pump using a Pulley Puller/Installer Kit (See figure 3). This can be rented at most local auto parts stores. **NOTE: Using a press or hammer to install the pulley will result in damage to the pump.** Press the pulley onto the pump until the surface of the pulley is flush with the pump shaft (See Figure 4).



Figure 4 – Pulley Puller/Installer Kit



Figure 5 – 97-383 Pulley Installed onto 198-104 Power Steering Pump

6. Install the 198-104 Power Steering Pump/97-383 Pulley Assembly onto the previously installed 97-380 Power Steering Pump Adapter using the supplied M8 Flange Head Bolts and torque to 18 Ft. Lbs. (25 N·m).



Figure 6 – 198-104/97-383 Assembly Installed onto 97-380 Adapter



Figure 7 – 197-104 Bolt Access

7. Next, install the hardline onto the pump and torque the banjo bolt to 21 Ft. Lbs. (28 N·m).



Figure 8 – Hardline Power Steering Pump Installed

8. The final step will require measuring the serpentine system for the belt length. To do this route masking tape or string around the belt path. Mark or cut the tape/string to length and remove from the pulleys. Subtract 13mm or ½” from your measurement to compensate for the belt tensioner. You will need to convert belt length to millimeters if measured in inches (inches x 25.4 = mm). Go to your local auto parts store and ask for a 6PK0000 belt with the “0000” being the length in millimeters. For example, if you measured 2493 mm and then subtracted 28 mm, you would get 2465 mm, and the part number would be **6PK2465**. Below are a few configurations that we’ve measured. These are all with the car accessory drive on a 6.4L VVT engine.

OEM Alternator with Holley Power Steering Adapter/Pump – **6PK2295**

Holley Alternator Bracket 97-368/Alternator with Holley Power Steering Adapter/Pump – **6PK2120**

Holley Alternator Bracket 97-347/OEM Alternator with Holley Power Steering Adapter/Pump – **6PK2515**

**9. Power Steering Pulley Removal process.**

The power steering pulley is made of aluminum to save weight, therefore standard pullers will not function correctly and will result in damage to the pulley. To remove the pulley, either use a 4 jaw puller and grab the 4 holes machined into the pulley or a steering wheel removal tool with M8 x 1.25 threads. Then push off from the center stud of the power steering pump. Do not use hammers or pry against the pump housing, otherwise damage will occur.



Figure 8 – Power Steering Pulley

Holley Technical Support: 1-866-464-6553

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