



1. To install water pump to the engine, use the (4) spacers provided with (4) 3/8-16 6in button head bolt. Feed the bolts through the bracket, the spacers, the water pump, water pump gaskets, and finally to the engine. Tighten bolts.
2. For the crank pulley, provided is a crank spacer, place the spacer onto the damper. Use (4) 3/8-24 socket head cap bolts to mount the crank pulley. Ensure that the crank bolt is installed before the crank pulley, to prevent damage to the pulley.
3. To install the power steering pump pulley **DO NOT USE A PRESS TO INSTALL PULLEY. DAMAGE TO THE PUMP MAY OCCUR.** Use the correct installation tool. The pulley will stop when at the correct position. Once the pulley is installed use (3) M8-1.25x40mm button head bolt to mount to the lower right section of the plate.
4. The water pump pulley will be installed with (4) M8-1.25x16mm socket head cap bolt. After the pulley is installed, place the cover onto the pulley, use (3) M4 bolts to secure the cover to the pulley.
5. To mount the tensioner to the bracket, place the tensioner on the bottom left of the bracket. Feed the 5/16-18 button head bolt through the tensioner and bracket. Secure the tensioner to the bracket with the provided nuts. Do not install tensioner cover until after belt is installed.
6. Before mounting the alternator install new pulley with cover. To remove existing and install new pulley use an impact wrench with a 15/16 impact socket. After removing existing, place new pulley with the washer that was removed with the original pulley. Once pulley is secured in place use (3) M4 bolts to secure alternator cover in place. To mount the alternator you will use (1) 3/8-16 x 3-1/4in button head bolt with a serrated nut. For the lower mounting position you will use (1) M8-1.25x25mm button head.
7. Install the A/C compressor clutch cover with (3)1/4-20 socket head bolt. Both mounting positions on the compressor use (2) M8-1.25x25mm bolts.
8. Once all the pulleys are installed route belt per the photo. Use a 1/2 drive breaker bar to move tensioner and place belt in the correct position. Once tensioner is released, place tensioner cover and secure it with 8-32 screws.
9. Install provided crankshaft bolt with washer. Add a small amount of clean engine oil to the thread . Torque to 60 ft/lbs