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2007- Present JK Wrangler Engine Skid

Engine Skid Installation

Step 1: Install the engine skid by removing the 2- 12 mm bolts located in the factory crossmember. If your Jeep has the factory cross member under the exhaust, completely remove that cross member.



Remove this cross member.

Place engine skid over the transmission crossmember and reinstall the 2-12mm bolts through the engine skid and belly pan into the factory transmission crossmember threaded inserts. Select from the hardware kit the $\frac{1}{2}$ " X $2\frac{1}{2}$ " bolt, washers and locking nut. Insert the bolt with flat washer through the remaining hole in the engine skid and through the factory transmission crossmember. Place a washer and locking nut on the bolt and tighten hand tight.

Step 2: Select the front tubular frame struts, $6\text{-}3/8$ " x $3/4$ " bolts and flange nuts from the hardware kit. Install the tubular struts by placing the $3/8$ " X 1" bolt through the engine skid plate from the inside.

NOTE:

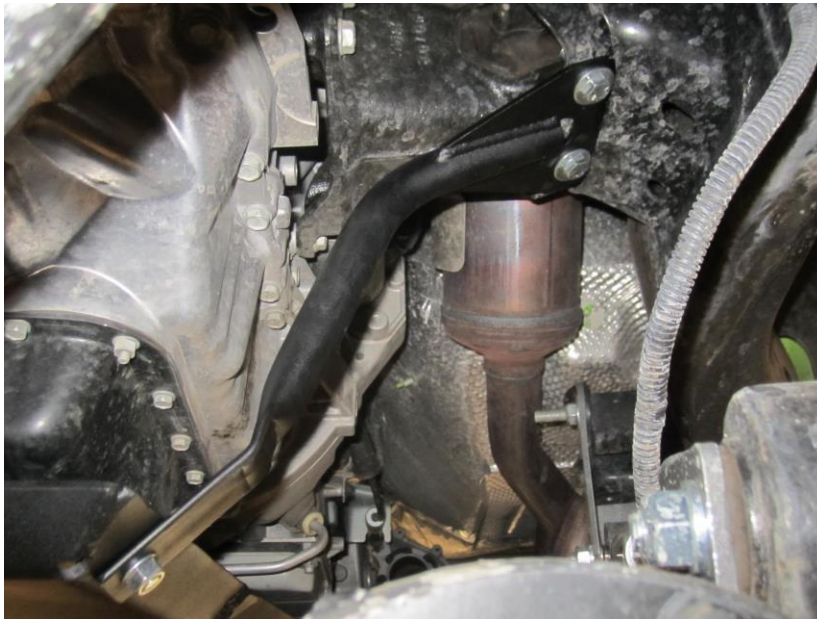
The bolt head should be towards the engine oil pan for proper clearance to the oil pan.

Failure to install hardware in the proper placement can result in damage to the oil pan.

The curved or bent strut goes on the driver's side.

Place the appropriate tubular strut over the bolt threads and secure with a flat washer and locking nut. The curved strut goes on the driver's side of the Jeep.

Step 3: Select 4-3/8" X 3/4" bolts and flange nuts from the hardware kit and secure the struts to the frame side of the engine mounts using the factory alignment holes.



Step 4: Tighten all fasteners.

Components:

Skid plate

Left & Right struts

Hardware

6 ea, 3/8" X 3/4" bolts and flange nuts

1 ea, 1/2 X 3 1/2 " bolt, 1- 1/2" nut, 2- 1/2" washers

2ea, 12mm locking nuts and flat washers (Hemi install only)

