



ENGINE AND TRANSMISSION SKID PLATE

(2007-2018 WRANGLER JK)

INSTALLATION INSTRUCTIONS

CONTENTS

- (1) Engine/Transmission Skid Plate
- (2) Catalytic Converter Skid Plate
- (1) Shim Plate
- (1) Rectangle Plate
- (4) Counter-Sunk Washers
- (4) M12x1.75 x 35mm Bolts
- (5) M12x1.50 x 40mm Bolts
- (2) M10x1.50 x 25mm Allen Bolts
- (1) M12x1.75 x 80mm Bolt
- (1) M12 Flat Washer
- (5) M12 Flat Washers
- (2) M10 Lock Nuts
- (4) M12 Lock Nuts
- (1) M12 Nut
- (4) M6x1.00 Phillips Bolts

TOOLS REQUIRED

- 17mm Socket
- 18mm Socket
- 19mm Socket
- 6mm Allen Socket
- Ratchet
- Phillips Screwdriver
- 17mm Wrench
- 19mm Wrench

SKU # J141584

STEP 1

Remove the original transfer case skid plate (if applicable) by removing (4) 18mm bolts.

STEP 2

Install the passenger side skid plate bracket to the frame below the motor mount using (1) M12x1.75 x 35mm bolt and lock nut. Insert the bolt through the frame from the top into the elongated hole, then attach the bracket, following with a lock nut. Leave bolt loose until the end.

STEP 3

Install the driver side skid plate bracket to the frame below the motor mount using (1) M12x1.75 x 35mm bolt and lock nut. Insert the bolt through the frame from the top into the elongated hole, then attach the bracket, following with a lock nut. Leave bolt loose until the end.

Note: The shorter in length end of the bracket attaches to the motor mount bracket.

STEP 4

Guide the skid plate under the vehicle and loosely attach the skid plate to the front mounting brackets using (2) M12x1.75 x 35mm bolts and lock nuts.

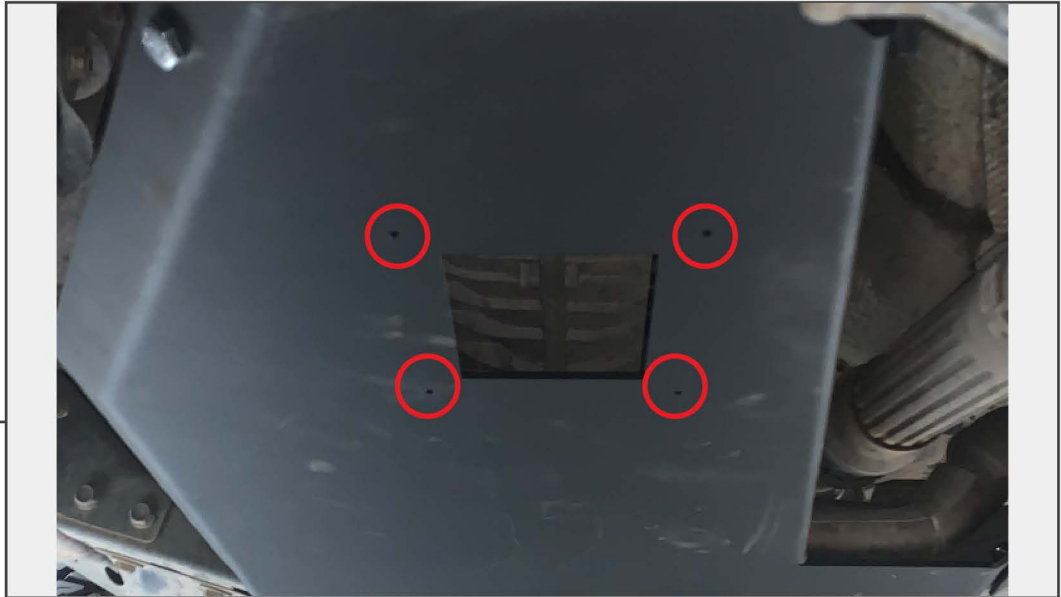
STEP 5

Using (3) M12x1.50 x 40mm bolts and counter-sunk washers, secure the rear of the skid plate to the vehicle crossmember. Use (1) M12x1.75 x 80mm bolt, nut, counter-sunk washer, and flat washer to secure the remaining open hole in the skid plate to the cross-member.

Note: Install the cross-member shim if the skid plate is too close to the exhaust pipe.

STEP 6

Install the catalytic converter skid plate to the driver side of the engine skid plate using (2) M10x1.50 x 25mm Allen head bolts and lock nuts. Connect the catalytic converter plate to the vehicle frame using (1) M12x1.50 x 40mm bolt and flat washer.



STEP 7

Install the rectangle plate under the engine oil pan to the bottom of the skid plate using provided (4) M6x1.00 Phillips bolts. Tighten all skid plate mounting bolts to secure the skid plate into place. Reinstall transfer case skid plate over top of the new skid plate (if applicable).

Installation is now complete.