



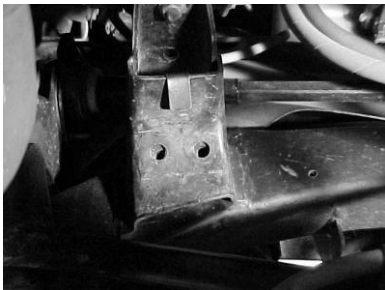
Installation Instructions
for
Engine/Transmission Skid Plate
for
1997-2006 Jeep® TJ Wrangler with 4.0L engine
and Long Arm Suspension

Thank you for purchasing your new Skid Row Offroad engine/transmission skid plate. It is designed to give you peace of mind while traversing even the toughest trails.

Your skid plate package should come complete with the following parts:

- | | |
|---------------------------------------|--|
| 1. (1) Engine/Transmission Skid Plate | 6. (2) 3/8-16 UNC x 1.0" Carriage Head Bolts |
| 2. (2) Mounting Brackets | 7. (8) 3/8-16 UNC x 1" Hex Head Bolts |
| 3. (2) T-Shaped Nut Plates | 8. (6) 3/8-16 UNC Hex Nut |
| 4. (1) Driver Side Strut Rod | 9. (10) 3/8" Lock Washers |
| 5. (1) Passenger Side Strut Rod | |

WARNING : Be sure to place jack stands under the vehicle before working underneath it!



Step 1: Take the T-shaped plate with integral nuts and slide it into the driver's side motor mount through the top opening. Once the nuts can be seen through the two holes in the lower side of the motor mount, the tab may be folded over to hold the nuts in position. It is helpful to give the tab a slight arch before inserting it into the motor mount.

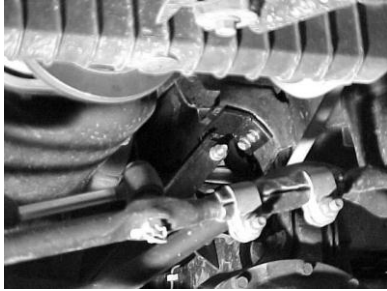


Step 2: Take the mounting bracket and attach it to the bottom of the motor mount using two of the 3/8-16 bolts with lock washers with the mounting tab to the rear of the vehicle. The view in the picture is looking from the front. **NOTE: The driver's side tab MUST be toward**

the rear of the vehicle or control arm damage could result. The strut rod will lean toward the rear of the vehicle when properly installed. This is to assure clearance between the strut rod and the differential housing.

Step 3: Repeat steps 1 and 2 on the passenger's side motor mount. **NOTE: On the passenger side the tab MUST be towards the front of the vehicle.**

Step 4: Take the driver's side, strut rod and attach it between the mounting bracket and the skid plate on the driver's side. **NOTE: The driver's side strut rod is the longer of the two.** The end of the strut rod with the angled cut should be near the motor mount. Use one 3/8-16 bolt, lock washer, and nut to bolt it to the front of the skid plate and use another bolt, lock washer, and nut to attach it to the mounting bracket on the motor mount. Attach hardware loosely and do not tighten at this time.



Step 5: Take the passenger side, strut rod and attach it between the mounting bracket and the skid plate on the passenger's side. **NOTE: The passenger's side strut rod is the shorter of the two.** The end of the strut rod with the angled cut should be near the motor mount. Use one 3/8-16 bolt, lock washer, and nut to bolt it to the front of the skid plate and use another bolt, lock washer, and nut to attach it to the mounting bracket on the motor mount. Attach hardware loosely and do not tighten at this time.

Step 6: Using a floor jack or clamp, hold the rear of the engine skid plate tight against the transfer case skid plate. Make sure that the rear edge of the engine skid plate is parallel with the leading edge of the transfer case skid plate. Also make sure that it is positioned to allow adequate clearance for both the front drive shaft and the passenger side control arms. Using the square holes in the engine skid plate as a guide, drill two 3/8" holes through the leading edge of the transfer case skid plate.

Step 7: Install the two 3/8-16x 1.0" carriage bolts through the holes just drilled using two lock washers and nuts. Tighten them at this time.

Step 8: Tighten all remaining hardware and you're done.

We hope you enjoy your Skid Row Offroad engine/transmission skid plate!

Sincerely,

The Staff at SFK Manufacturing, LLC

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