



Installation Instructions  
for  
Engine/Transmission Skid Plate  
for  
2003-2006 Jeep® TJ Wrangler with 2.4L engine

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
2. (1) Strut Rod
3. (1) ½-13 UNC x 1.0” Hex Head Bolt
4. (1) ½ Lock Washer
5. (1) ½-13 UNC Hex Nut
6. (3) 3/8-16 UNC x 1.0” Carriage Bolts
7. (1) 3/8-16 UNC x 1” Hex Head Bolt
8. (4) 3/8” Lock Washers
9. (4) 3/8-16 UNC Hex Nuts



**Step 1:** Verify the position of the passenger side lower control arm bolt. If the threaded portion of the bolt is facing the inside of the chassis as shown in the photo below, simply remove the nut and go to step 2. Otherwise, to install the skid plate you will need to perform the first step with the vehicle on level ground.

**Do not jack up the vehicle at this point!** It is important that the vehicle is on level ground so that there is no load on the lower control arm. As shown in the figures to the right, the passenger side, lower control arm bolt needs to be removed and then re-installed with the bolt head to the outside of the chassis. The nut should be left off. This will be re-installed later. Once this is done, the vehicle may be jacked up to provide more room to work. **Be sure to place jack stands under the vehicle before working underneath it!**



**Step 2:** Lift the engine skid plate and slide it over the threaded portion of the lower control arm bolt. Position the rear edge of the engine skid plate within the notched out area on the factory transfer case skid plate as indicated by the arrows in the picture to the left.



**Step 3:** Install the nut on the lower control arm bolt to hold the skid plate in position.

**Step 4:** Using a floor jack or vise grips, hold the rear of the engine skid plate tight against the factory transfer case skid plate. Make sure that the rear edge of the engine skid plate is even with the leading edge of the factory transfer case skid plate. Drill three 3/8" holes through the leading edge of the factory transfer case skid plate.

**Step 5:** Install the three 3/8-16x 1.0" carriage bolts through the holes just drilled using three lock washers and nuts. Tighten them at this time.



**Step 6:** Take the strut rod and attach it between the motor mount and the skid plate. Use one 3/8-16 bolt, lock washer, and nut to bolt it to the front of the skid plate and use the remaining 1/2-13 bolt, washer and nut to attach it to the rear of the motor mount. The view in the photo to the left is from the rear on the driver's side.



**Step 7:** Tighten all hardware once everything is fit together. Be sure to tighten the lower control arm nut to the factory recommended torque.

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

Sincerely,

**The Staff at SFK Manufacturing, LLC**

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