

INSTALLATION INSTRUCTIONS FOR: SB9037XJ

SB9037XJ contains the following items:

Quantity:	Description:
1	Brace
2	Clamp Halves
2	7/16x1-3/4" Bolts
6	7/16 Flat Washers
3	7/16 Crimp Lock Nuts
1	7/16x1-1/4 Bolt
1	Frame Sleeve (1-1/8 dia. x 2-3/16)
1	5/8" Washer (large)
1	5/8x4 Bolt
1	5/8 Crimp Lock Nut

This photo shows the brace installed on the XJ Cherokee. Arrow indicates the front of vehicle.

Below, is all of the components that come in the kit, listed to the left.



This [steering brace fits](#) 1987-2001 Jeep® XJ Cherokee vehicles with power steering, and 4.0L engines. It is designed to bolt into existing holes in the chassis, with minor drilling, and clamps to the steering box housing just above the sector shaft/pitman arm.

- Carefully remove the rubber splash guard from the under side of the radiator, above the anti-sway bar. The plastic push pins can be re-used.
- Install the brace into the chassis. The brace must be routed "through" the transmission cooler hose. The arrow shows this in **Figure 1**.
- Install the 5/8 large washer over the head of the 5/8x4 bolt, then install the frame sleeve over the bolt. Install the assembly through large hole in frame from the outside toward the inside, and through the brace. The threads will be on the inside of the brace. Install the 5/8 SAE washer and crimp lock nut on the bolt. Do not tighten at this time.
- Locate the existing hole in the passenger side lower frame rail using the brace as a guide. Enlarge this hole to 7/16" with a power drill. **See Figure 2**. Install one 7/16" flat washer on the 7/16x1-1/4" bolt, then insert the bolt up through the frame and brace. Then install one more 7/16" flat washer over the threads of the bolt and install the 7/16" crimp lock nut on the bolt. Do not tighten at this time. **See Figure 3**.
- Install the clamp on the steering box housing just above the pitman arm. The proper assemble sequence is: 7/16x1-3/4" bolt with one flat washer under head. Clamp half. Steering brace. Clamp half. Flat washer, crimp-Loc nut. **See Figure 4**. Make sure that the steering pitman arm and clamp halves do not contact each other.
- Tighten all hardware using hand tools. Use your best judgement as to how tight, being careful not to over tighten any components, but do not leave them loose ether. Re-check all hardware after 50 miles and every so often thereafter.

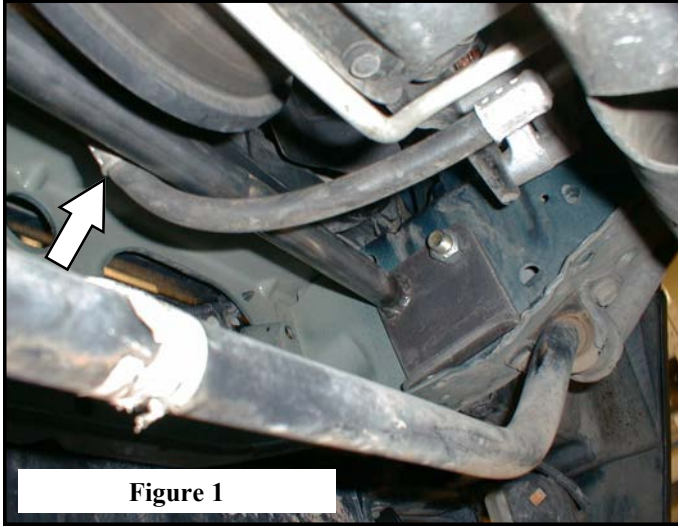


Figure 1

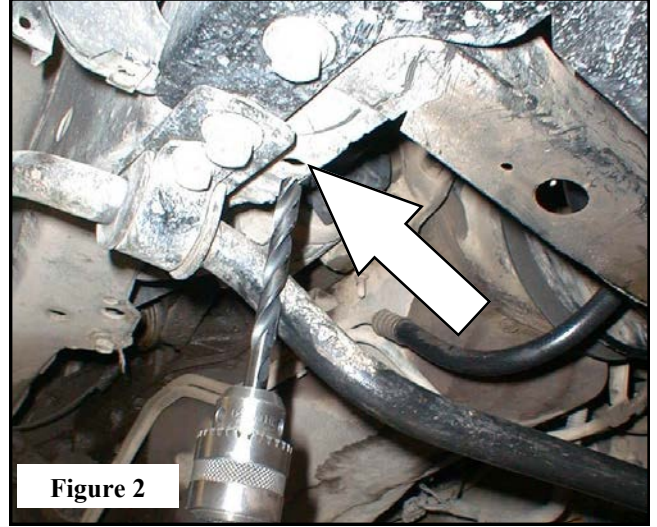


Figure 2

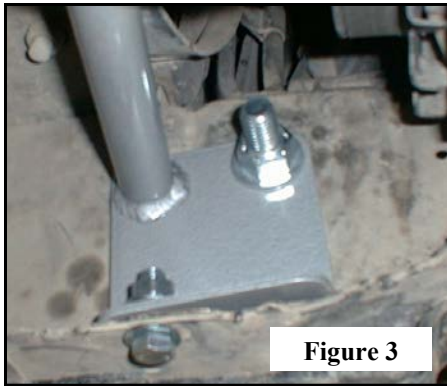


Figure 3

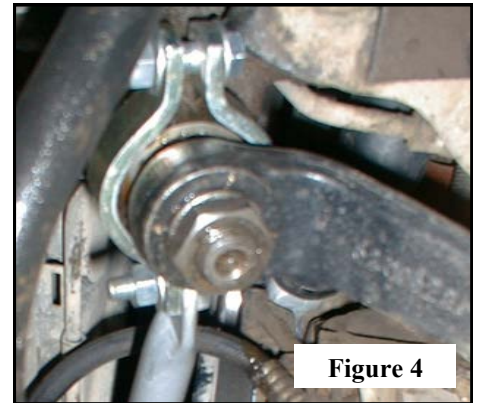


Figure 4