



# INSTALLATION INSTRUCTIONS

**Product: Front Shock Relocation Bracket**

**Part Number: JKSOGS944**

**Applications: Wrangler JK, 2007+**

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## Welcome

CONGRATULATIONS on purchasing a Front Shock Relocation Brackets from JKS Manufacturing. We are committed to providing you with the best products available and your satisfaction is our first priority.

PLEASE READ these Installation Instructions carefully, and save them for future reference, as they contain important installation and maintenance information.

## Important

**Additional steering stop adjustment may be necessary for proper tire/shock clearance at full steering lock.**

## Tools Required

- Hydraulic Floor Jack & Jack Stands
- Metric / Standard Socket Wrench Set
- Felt Tip Marker
- Hammer/center punch and Drill with 3/8" Bit
- Black Paint

*\* Asterisk denotes tools that are not required for some applications. Thoroughly read instructions first to determine which tools will be required for your application.*

## Parts

	Description	Part #	QTY
A	Shock Relocation Brkt - LH	03144	1
B	Shock Relocation Brkt - RH	03145	1
C	0.750 x 0.134 x 1.575 Sleeve	93	2
D	M12-1.50 nylock nut	145171	2
E	M12-1.50 x 70mm class 8.8 bolt	38503	2
F	3/8"-16 top lock nut	37264	4
G	3/8" SAE flat washer	33082	8
H	3/8"-16 x 1" bolt grade 8	15105	4
I	1/2" SAE flat washer	33086	2

## Installation

- 1. PREPARE AXLE
  - Raise and support vehicle chassis with jack stands behind the front lower control arm pockets.
  - Working on one side at a time, raise the front axle with a hydraulic jack and disconnect the front shock from the axle, keep all hardware for reinstallation.
  - Remove the shock from the axle mount and out of the way.
  - Locate the correct new shock mount bracket. The brackets are driver's and passenger's side specific. Position the bracket on the oboard face of the factory shock mount so that the large flat tab rests on the bottom face of the factory mount.
  - Temporarily install the provided M12 bolt through the new bracket and in to the factory bracket. Also install a provided 3/8" bolt in the existing bottom hole. This will locate the bracket. With a felt tip marker, mark the location of the forward most hole to be drill in the factory shock mount.



- Drill the new hole to 3/8" at the marked location.
- Paint bare metal to prevent corrosion.



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## □ 2. BRACKET INSTALLATION

- Install the shock bracket on the factory mount as before. Loosely fasten to with a M12 x 70mm bolt with no washer through the new bracket, into the factory mount with the provided steel spacer sleeve. Fasten with a M12 nut and washer.
- Install the provided 3/8" x 1" bolts, nuts and washer in the 2 bottom holes that were drilled.



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## □ 3. FINAL FITMENT

- With the bracket hardware installed, torque M12 hardware to 55 ft-lbs and 3/8" hardware to 30 ft-lbs.
- Attach the shock to the new relocation bracket with the factory hardware. Torque hardware to 55 ft-lbs.
- Repeat installation on the other side using same steps outlined above.
- Allow axle to fully droop out, check for clearance between the tire and shock at full steering lock. It may be necessary to adjust steering stops depending on the shock being used as well as tire size and wheel offset.
- Recheck all hardware for proper torque, check again after 500 miles.

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