

JKS[®]

Installation Instructions



Product: **Slickrock Spring Hangers™**

Part Number: **PN 9851**

Application: **CJ5 / CJ7 / CJ8, 1976-86**

Welcome

CONGRATULATIONS on purchasing a set of new Slickrock Spring Hangers from JKS Manufacturing. We are committed to providing you with the best products available and your satisfaction is our first priority.

PLEASE READ these instructions carefully, as they contain important installation information.

Important

INSTALLATION MOVES FRONT SHACKLE bushing 3/4" forward and may require repositioning of the lower front bumper bolt.

REFER TO FACTORY SERVICE MANUAL for information and procedures not covered in these instructions.

Tools Required

- Hydraulic Floor Jack & Jack Stands
- Metric/Standard Socket Wrench Set
- Torque Wrench
- Medium Strength Threadlocker *
- Anti-Seize Lubricant *
- Factory Service Manual (recommended)

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

Installation

1. PRE-INSTALLATION PROCEDURES

- Raise front of vehicle and support chassis with jack stands positioned behind the front leaf springs. Support the axle housing with a hydraulic jack to relieve the axle weight.
- Remove front wheels from vehicle. Front bumper should also be removed if it restricts access to spring hangers. **HINT:** Note location of lower bumper mounting bolts, as they may need to be repositioned once Slickrock Spring Hangers are installed.
- Remove the spring shackle hardware from original spring hangers. Retain original mounting hardware for reinstallation.
- Lower the hydraulic jack allowing leaf springs and shackles to drop away from chassis. **HINT:** If necessary, disconnect any other components that prevent axle from being lowered. Do NOT over extend brake lines.
- Remove the original shackle bushings and sleeves from spring hangers.

2. REMOVE OE SPRING HANGERS

- Remove the hardware that secures the original spring hangers to the chassis. Discard hangers, but retain hardware if in good condition.
- With original spring hangers removed, clean chassis surface of any debris that may interfere with installation of Slickrock Spring Hangers.

3. MOUNT SLICKROCK SPRING HANGERS TO CHASSIS

- Align Slickrock Spring Hangers with original spring hanger mounting holes in chassis.
- Apply medium strength threadlocking compound to bolt threads of original mounting hardware. If condition of original mounting hardware is questionable, replace with new Grade 5 bolts, flat washers, and lock washers and apply anti-seize lubricant instead.
- Secure Slickrock Spring Hangers to chassis with appropriate mounting hardware.
- Tighten Slickrock Spring Hanger mounting hardware to factory specifications using a torque wrench.

4. REINSTALL SPRINGS AND RELATED COMPONENTS

- Install original shackle bushings and sleeves in Slickrock Spring Hangers. **HINT:** Install new bushings if original parts are damaged or worn. Polyurethane bushings should be lubricated prior to installation.
- Raise the axle into position and align leaf spring shackles with Slickrock Spring Hangers.
- Secure spring shackles to Slickrock Spring Hangers using original mounting hardware. **HINT:** Reconnect any other components that may have been removed to lower the axle.
- Reinstall front wheels. Front bumper should also be reinstalled if it was previously removed. **HINT:** Reposition front bumper lower mounting bolts if Slickrock Spring Hangers interfere with original mounting holes.
- Remove the jack stands from beneath chassis and lower vehicle to the ground.
- Tighten all mounting hardware to factory specifications using a torque wrench.