

JKS®

Installation Instructions



Product: **Replacement Steering Damper**

Part Number: **PN JSPEC1000**

Application: **Jeep Wrangler JK, 2007+**

Welcome

CONGRATULATIONS on purchasing a new Replacement Steering Damper 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

FOR BEST PERFORMANCE AND RELIABILITY, install this product with optional JKS Steering Stabilizer Relocation Bracket (PN OGS162) and Steering Stabilizer Tie Rod Mount (PN OGS924).

Tools Required

- Metric/Standard Socket Wrench Set
- Torque Wrench
- Bench Vise *
- 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. REMOVE ORIGINAL STEERING STABILIZER**
 - With vehicle parked on a flat level surface, turn steering wheel until tires are perfectly straight.
 - Remove the steering stabilizer mounting hardware from the tie rod bracket.
 - Remove the steering stabilizer mounting hardware from the axle bracket.
 - Remove original steering stabilizer from vehicle.
- ☐ **2. PREPARE NEW STEERING DAMPER FOR INSTALLATION**
 - *OPTIONAL:* Slide the protective boot over the shaft end of Replacement Steering Damper and secure to body with supplied zip tie.
 - Press a Polyurethane Bushing into the eyelet at each end of Steering Damper. **HINT:** A vise may be helpful for installing polyurethane bushings.
- ☐ **3. INSTALL REPLACEMENT STEERING DAMPER**
 - Mount body end of Steering Damper onto axle bracket and loosely install original hardware.

Body end must be mounted to axle bracket to prevent damage to steering damper.

- Mount shaft end of Steering Damper onto tie rod bracket and loosely install original hardware.
- Tighten mounting hardware at axle bracket as follows:
 - For OE bracket, tighten nut to 50 ft-lbs. using a torque wrench.
 - For JKS Steering Stabilizer Relocation Bracket (PN OGS162), tighten nut until supplied Fender Washer bottoms on the mounting stud.
- Tighten mounting hardware at tie rod bracket as follows:
 - For OE bracket, tighten nut to 50 ft-lbs. using a torque wrench.
 - For JKS Steering Stabilizer Tie Rod Mount (PN OGS924), tighten nut until supplied Fender Washer bottoms on the mounting stud.

4. CHECK FOR INTERFERENCE

- With Replacement Steering Damper installed and mounting hardware tightened, slowly cycle the steering from lock-to-lock in both directions while checking for proper clearance between damper and mounting brackets.
- If any interference occurs, adjust position of mounting bracket on tie rod tube until there is adequate clearance throughout full range of steering travel.
- Re-tighten tie rod mounting bracket and check again for proper clearance.

Maintenance

Re-check fasteners after driving 150 miles. Continue to check torque specifications as part of regular vehicle maintenance routine.

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