

KING
OFF - ROAD
RACING SHOCKS

2009-2018 Ram 1500 2.5 Front Coilovers

King Shocks 12472 Edison Way Garden Grove, CA 92841
714-530-8701 www.kingshocks.com

Front Parts List:

- 2 – 2.5 Front Coilovers (25001-207)
- 2 – Reservoir Brackets (25067-104)
- 4 – Hose Clamps (62032)

Tools Required:

- Floor Jack/Jack Stands
- Metric Wrench/Socket Set
- Standard Wrench/Socket Set

2009-2018 RAM 1500
DEM PERFORMANCE SERIES



MADE IN **100%**
MADE IN THE USA
FROM THE HIGHEST
QUALITY BULLET
ALLOY MATERIALS
U. S. A.

FRONT: With the vehicle on level ground, set the emergency brake and block the rear tires. Using a floor jack, raise the front end and support the frame rails with jack stands for safety. Then remove the front tires. **NOTE: Never work under an unsupported vehicle.**

1. Disconnect the sway bar links, tie rod and upper A-arm. Be aware of ABS and brake lines when disassembling to assure the suspension components are not hanging by these lines.



IMPORTANT: Read all instructions thoroughly from start to finish before beginning the install. Check parts list and make sure all parts are included in the kit. If the instructions are not properly followed severe frame, driveline and/or suspension damage may result. Check for frame and suspension damage prior to installation.

This kit does not require welding. Do not weld on any component. Welding may void the warranty and/or cause the product to fail. If any parts are missing, or for tech assistance; Contact King Off Road Racing Shocks: 714-530-8701 Most important after the install, Feel the difference and have fun.

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2. Remove the bolt from the lower shock mount on the lower control arm and then remove the nuts from the upper mount and remove stock shock. Save the lower shock mount bolts, you will be reusing these.



3. Install King Shocks by placing them in position on the vehicle and install the factory bolt in the lower mount but do not tighten yet. Be aware that the shocks are side specific and should be positioned so that the hose is pointing towards the front of the vehicle.



4. Line up the upper mounting plate on shock with the upper mount on the vehicle and place the reservoir bracket on top of the upper mount. Use the supplied 3/8" bolts and install through the reservoir bracket and upper mount and thread into the upper mounting plate on shock. Do not tighten all the way yet.

NOTE: Be sure to use the shorter 3/8 x 3/4" bolt in the front hole above the hose fitting and the longer 1" bolts in the back two holes. Failure to do so may cause damage to the hose fitting.



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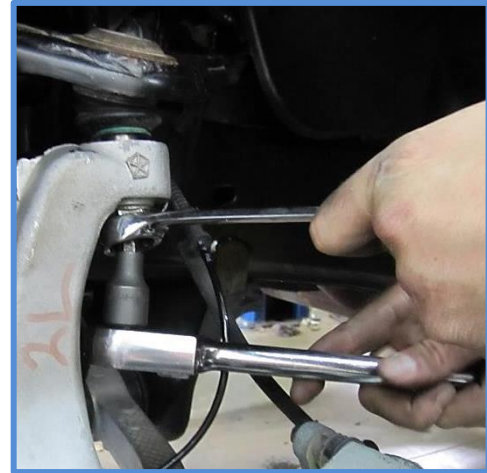
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- Place the reservoir in the reservoir bracket and use the supplied hose clamps to secure reservoir. (Route the hose under the upper A-arm). Once the reservoir is secured you can tighten the upper bolts to 35 ft/lbs. Tighten the lower bolt to factory specs.
- Reconnect the upper control arm, tie rod and sway bar links. It may be necessary to hold the stud with a wrench or socket for the tie rod and A-arm ball joints while tightening nut.



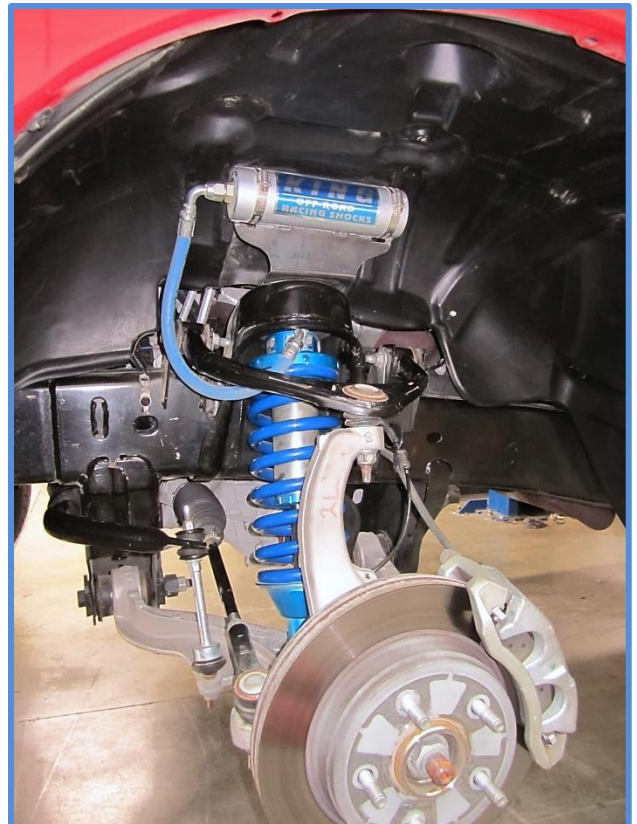
- The final install should look similar to the photo below...

DOUBLE CHECK ALL HARDWARE:

Make sure everything is installed correctly and all hardware is tight before reinstalling tires. Install tires, remove jack stands and lower vehicle to the ground. Recheck all hardware and lug nuts after 100 miles and periodically after that as part of routine maintenance.

Alignment is critical:

A professional alignment must be performed before driving this vehicle at highway speeds. Do not attempt to drive your vehicle after this install without having the alignment readjusted to factory specs!



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