

# KING

OFF - ROAD  
RACING SHOCKS

## Installation Instructions (Page 1)

### 2014+ Ram 2500 2.5 Front Shocks

King Shocks 12472 Edison Way Garden Grove, CA 92841  
714-530-8701 [www.kingshocks.com](http://www.kingshocks.com)

#### Front Parts List:

- 2 – 2.5 Front Shocks (25001-327)
- 2 – Front Reservoir Brackets (25048-078/079)
- 1 – Hardware Kit (KH02-201)

#### Tools Required:

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

#### 2014+ RAM 2500

DEM PERFORMANCE SERIES



**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. Keep the jack under the axle and jack the axle up slightly so the axle is not hanging by the shocks.
2. Remove the front shocks - Remove the nut from the upper shock mount using an 18mm wrench.

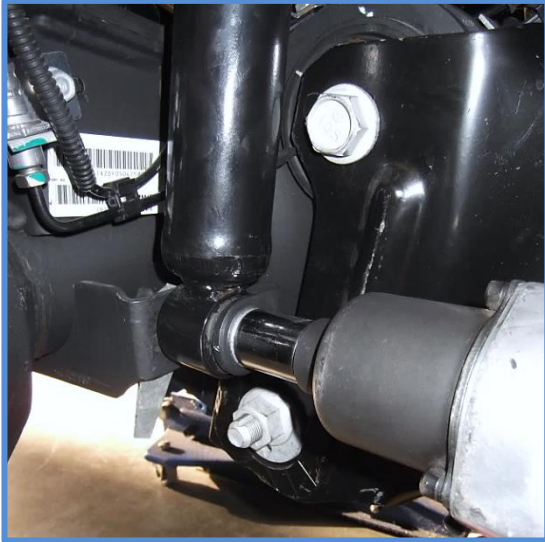


**IMPORTANT:** Read all instructions thoroughly from start to finish before beginning the install. Check parts list and make sure all parts are included in the kit. If the instructions are not properly followed severe frame, driveline and/or suspension damage may result. Check for frame and suspension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

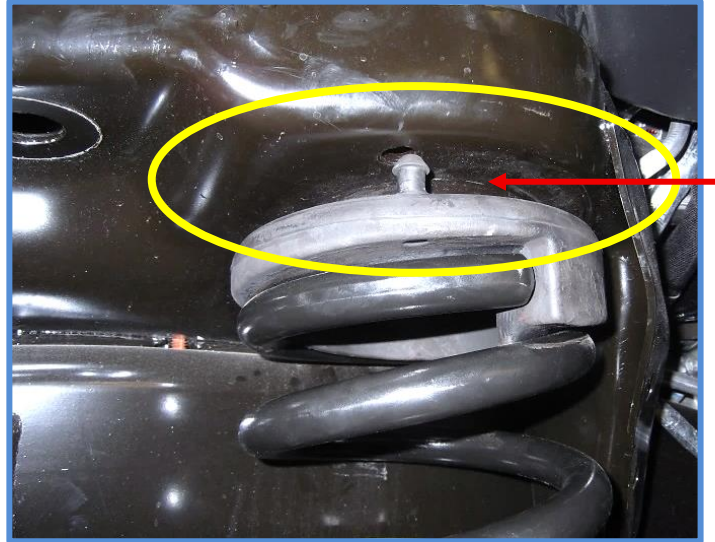
This kit does not require welding. Do not weld on any component. Welding may void the warranty and/or cause the product to fail. If any parts are missing, or for tech assistance; Contact King Off Road Racing Shocks: 714-530-8701 Most important after the install, Feel the difference and have fun.

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3. Remove the nut and bolt from the lower shock mount using a 21mm socket and remove shock. Do not discard lower mounting hardware, it will be reused to mount new shock.



4. Now with both front shocks removed you can lower the front axle until the springs are loose. You will be mounting the reservoir bracket between the rubber spring isolator and the upper spring mount.



5. **Install Reservoir Brackets** – First attach reservoir clamps to the reservoir brackets using the supplied 1/4 x 1/2" BHCS (CB2420). Apply red locktite to the threads and attach clamps to brackets as shown below.



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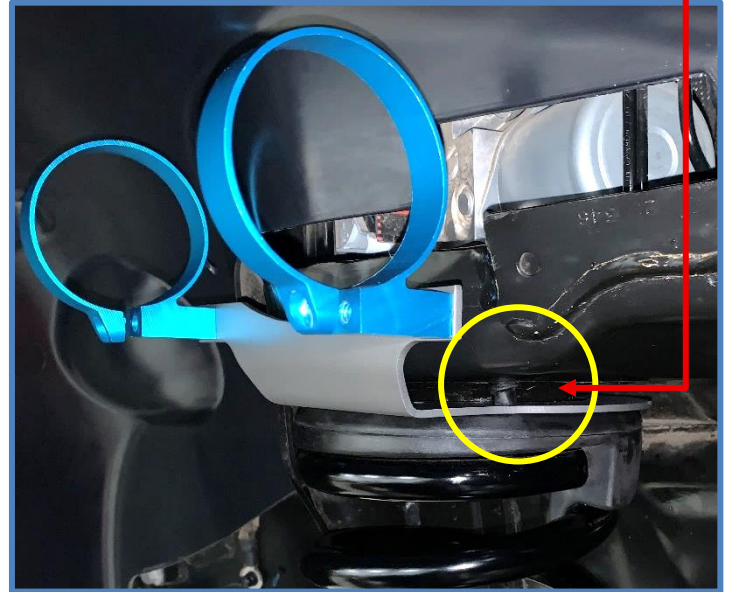
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6. Lower the axle until you can slide the reservoir bracket between the rubber spring isolator and the upper spring mount.

**Be aware that the brackets are side specific.**



7. Place the reservoir brackets in position on the rubber isolators so the hole for the locating pin lines up. Jack the axle up slowly while checking both sides to make sure the coil is seating properly. Make adjustments as necessary and continue jacking the axle up until the coil begins to compress.



8. **Install King Shocks** - Shocks are side specific, be sure you are installing shocks on the proper side. (See final install picture for reference). Start by removing the nut, washer, anodized blue retainer and upper rubber bushing from the upper mounting stud. Make sure the taller bushing is on the bottom of the stud.



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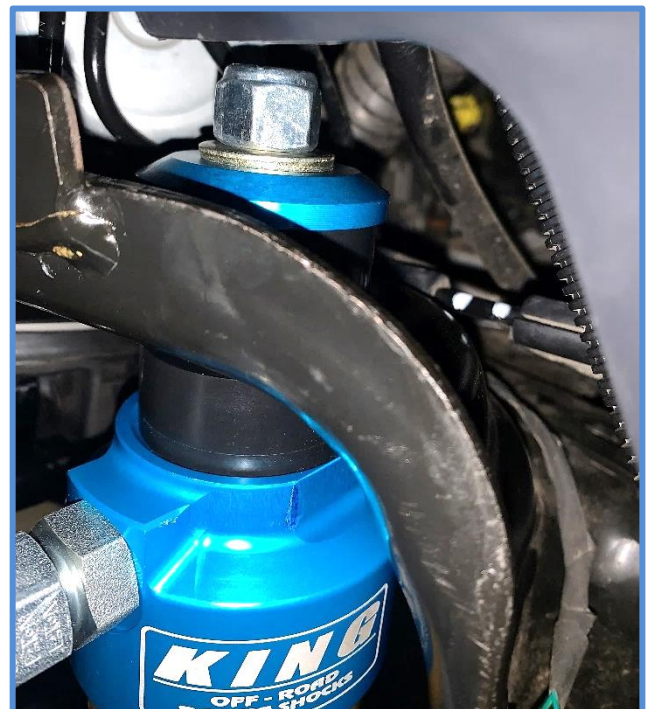
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9. Slide reservoir into the reservoir clamps as shown below, then place shock into the upper mount.



10. Place the upper bushing on the mounting stud followed by the blue retaining washer, 1/2" washer and nut. Apply anti-seize to the threads and thread the nut on finger tight for now to hold the shock in place.

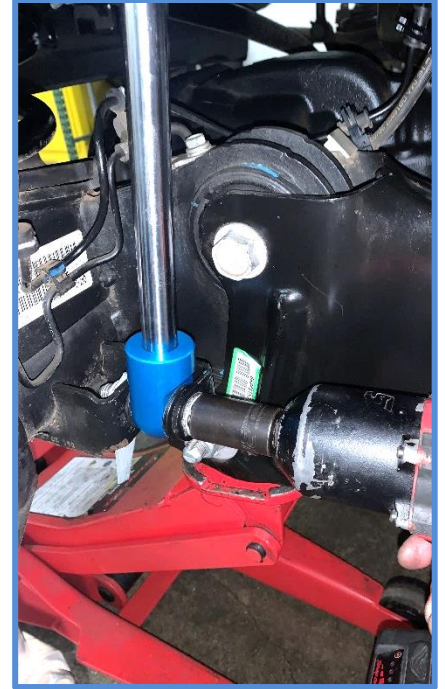


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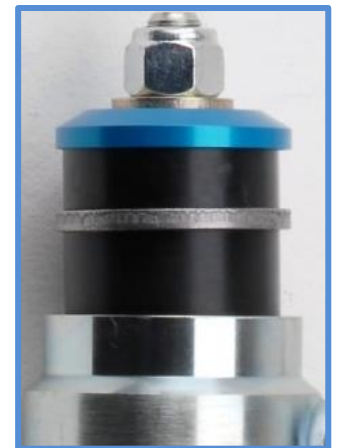
11. Use jack to position axle then place rod end in lower mount, install factory bolt and tighten to factory specs.



12. Lift axle up so the shock is tight against the upper mount, then tighten the upper mounting nut using a 3/4" wrench following the important note to the right. →



**Important Note:** The rubber bushings on your King shocks are different from each other, the bottom bushing has a raised center section that should be facing up when installed on vehicle. The silver washer between the rubber bushings represents the material thickness of the upper shock mount. It's important to tighten the nut only until the rubber bushings start to compress. There should be approximately 1/8 – 3/16" of the mounting pin protruding above the nut. **\*Do not over-tighten the nut.**

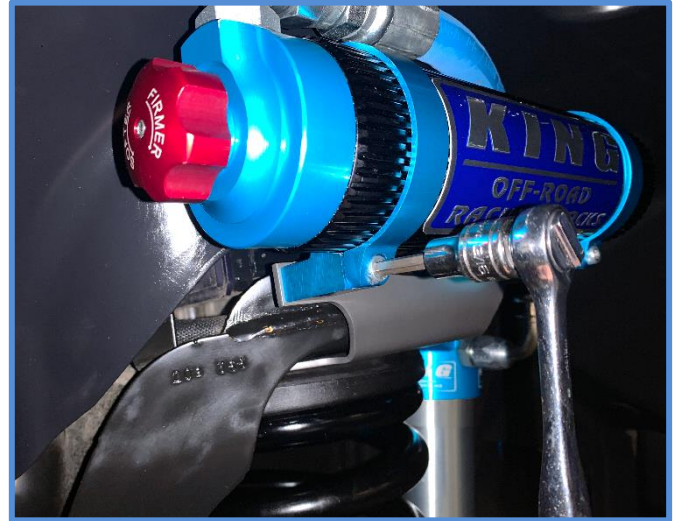


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13. Center reservoir in the mount and install the 1/4 x 1" SHCS (CB1501) in the reservoir clamps and tighten screw using a 3/16 Hex Key.



Your installation should look similar to the photo below.

**DOUBLE CHECK ALL HARDWARE:**

Make sure everything is installed properly and double check all hardware. Install tires, remove jack stands and lower vehicle. Recheck all hardware and lug nuts after 100 miles and periodically after that as part of routine maintenance.

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