



2022+ Toyota Tundra 2.5 Front Coilover

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

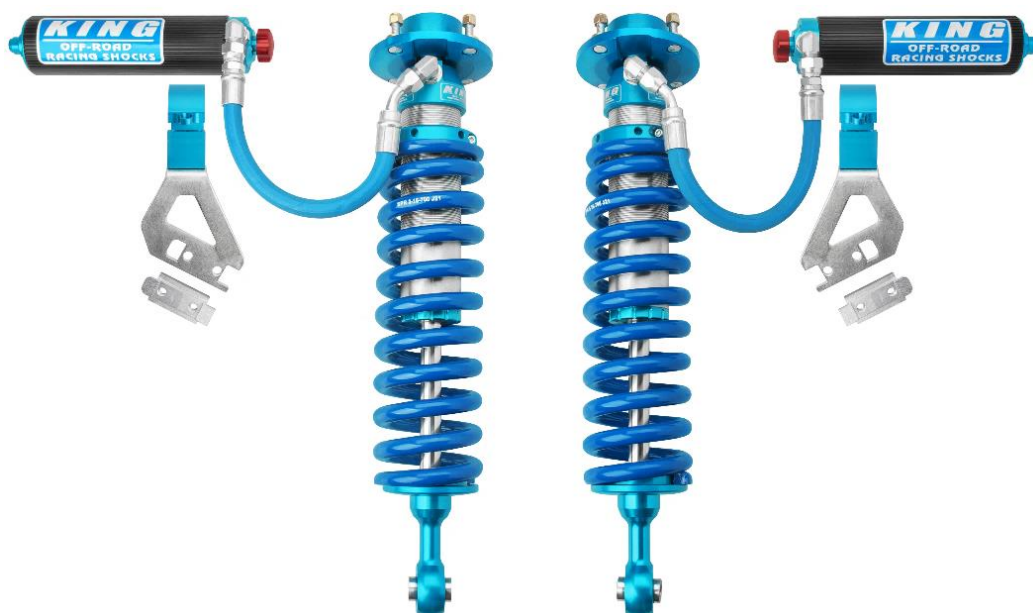
Front Parts List:

- 2 – Front Coilovers (25001-396)
- 2 – Reservoir Brackets (25048-074/075)
- 2 – Backing plates (25049-040)
- 1 – Hardware Kit (KH02-187)

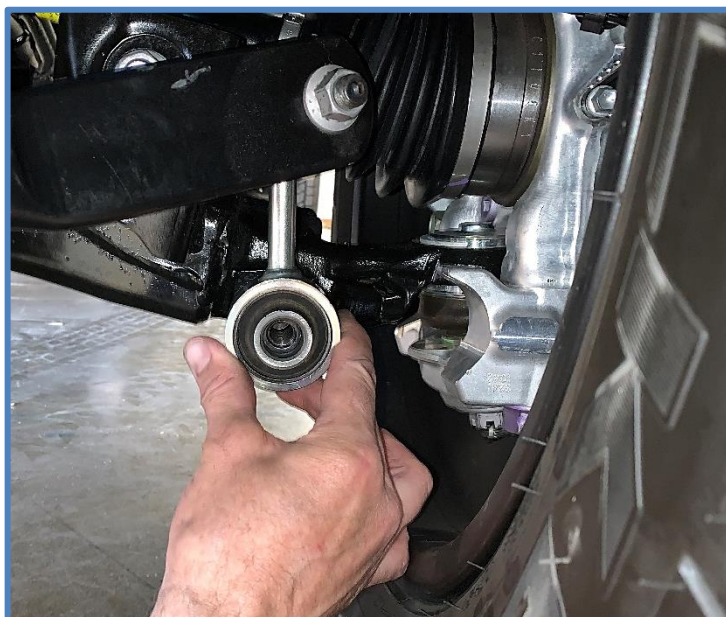
Tools Required:

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

Toyota Tundra
OEM PERFORMANCE SERIES



Before lifting vehicle off the ground - Disconnect sway bar links on both sides by removing the lower bolt using a 19mm socket, then slide the link off the mounting stud. You will reinstall the sway bar links in the last step when the vehicle is back on the ground.



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.

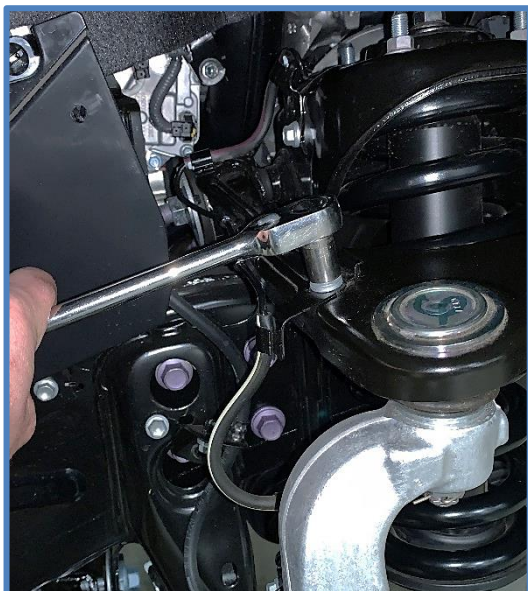


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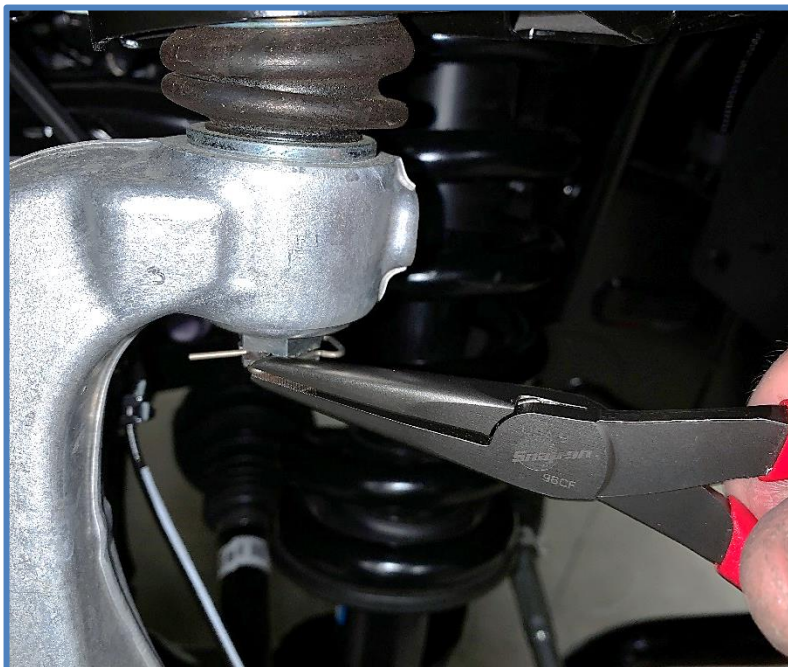
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FRONT: With the vehicle on level ground, set the emergency brake and block the rear tires. Using a floor jack, raise the front end and support the frame rails with jack stands for safety. Remove front tires. **NOTE: Never work under an unsupported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

1. Start removing factory shocks by first unbolting the ABS line bracket from the upper A-arm using a 12mm wrench or socket. You will also need to unbolt the brake lines from the spindle and frame (12mm wrench/socket) Be very careful not to damage brake or ABS lines as you are removing and installing shocks.



2. Remove pin from upper ball joint, loosen nut with a 19mm socket. Separate upper A-arm from spindle.



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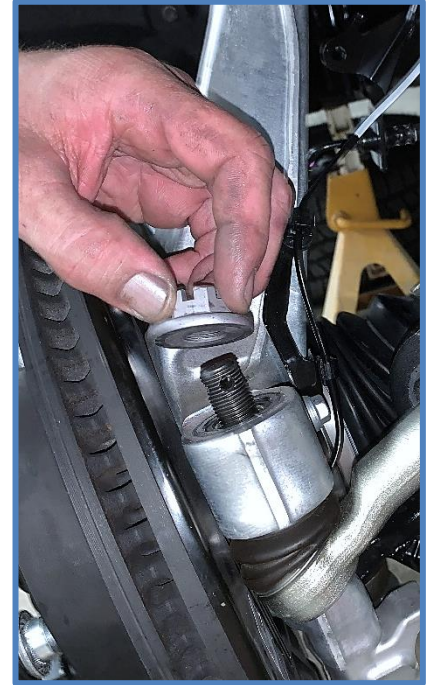
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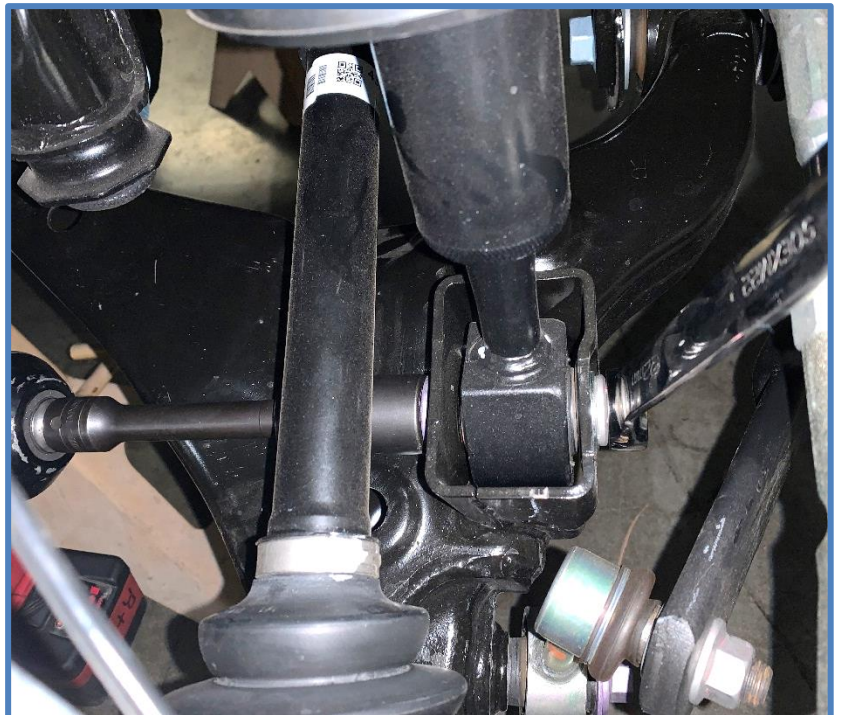
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3. Remove cotter pin from the tie rod, Remove nut with a 24mm socket. Separate tie rod from spindle.



4. Remove lower shock mounting bolt using a 22mm wrench and socket.



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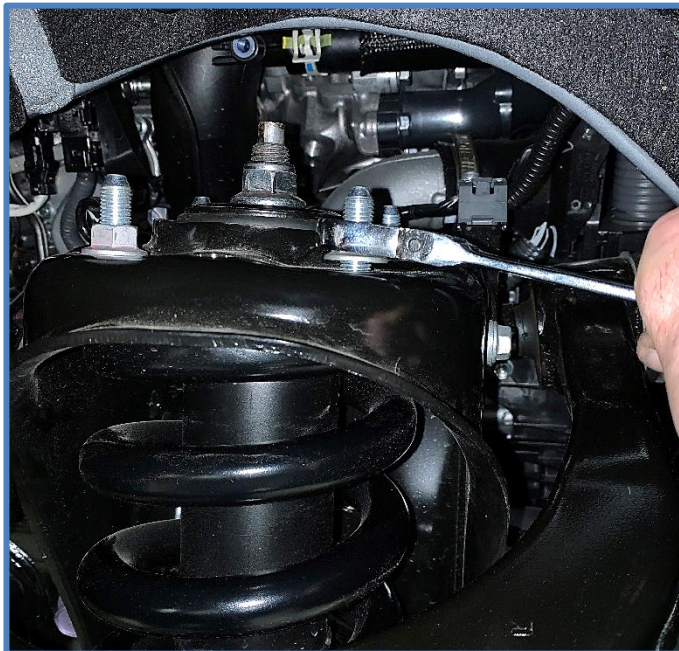
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5. Remove upper mounting nuts using a 14mm wrench or socket, then remove shocks from vehicle.



6. **Install King Shocks** – Place the rod end into the lower mount then push down on lower control arm while positioning top of shock into upper mount.



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7. Place the supplied 3/8 HD Washers (CW1701) on the mounting studs followed by the 3/8 nuts (CN2711) and tighten nuts to 35ft/lbs.



8. Insert the factory lower mounting bolt through the lower mount. Install the washer and nut, then tighten to factory specs.



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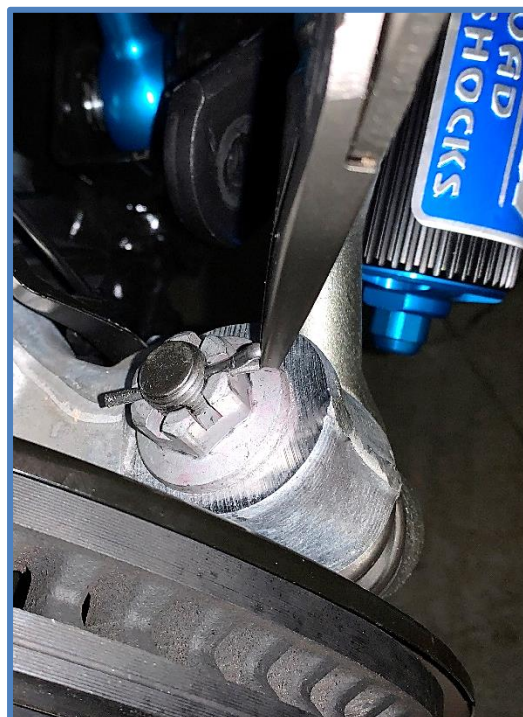
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9. Connect upper control arm and tighten nut to factory specs. Be sure to reinstall the Pin.



10. Reconnect tie rod and tighten nut to factory specs. Be sure to reinstall the cotter Pin.



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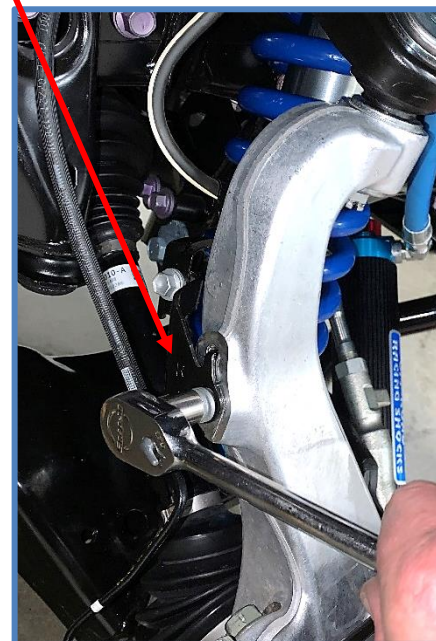
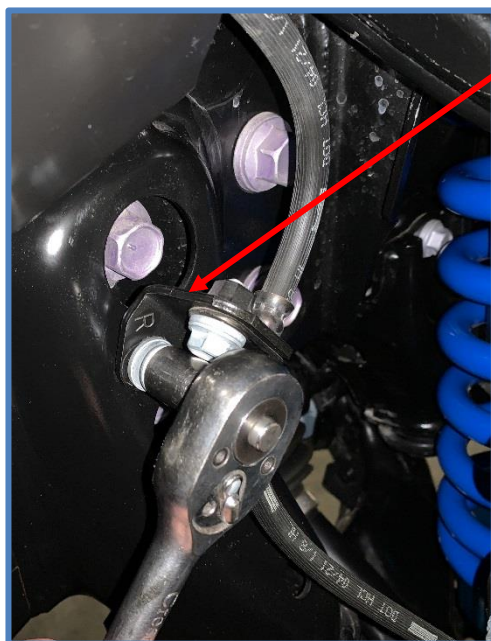
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11. Reconnect the brake and ABS lines to the frame, upper control arm and spindle. Tighten bolts to factory specs using a 12mm socket.



12. **Mount Reservoirs** – 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.



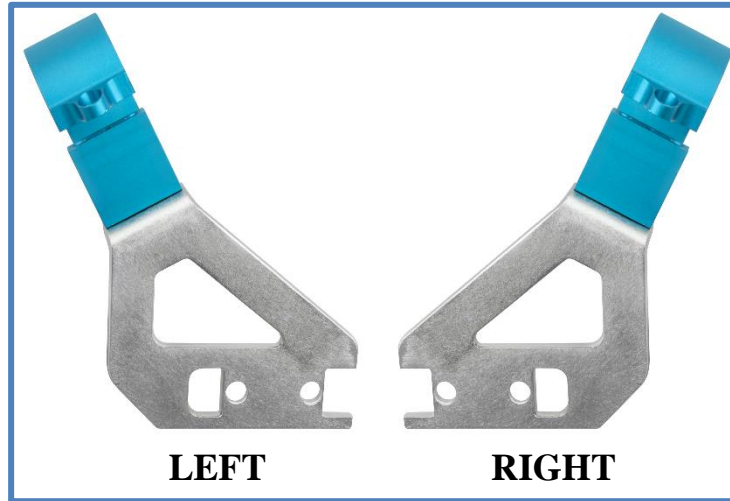
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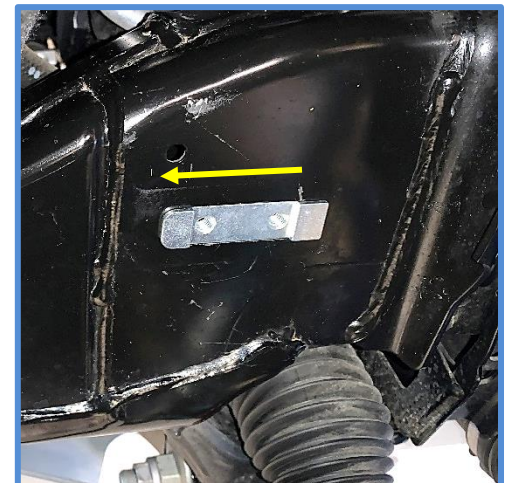
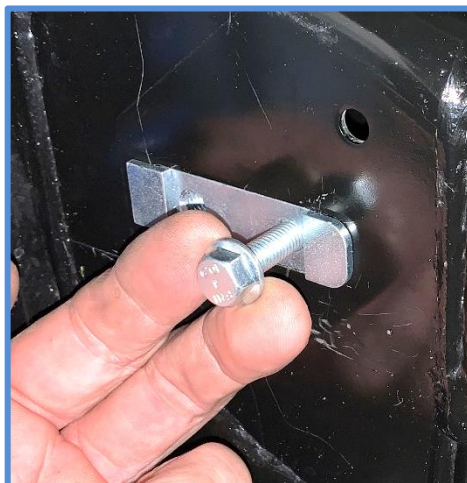
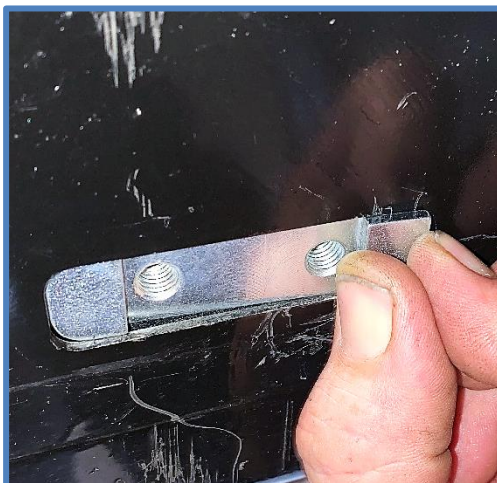


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13. Insert the Backing Plate (25049-040) into the rectangular hole in frame with the rounded corners facing towards the front of vehicle. Flip the plate out with thumb as shown below and slide forward to hold in place. (Tip: Thread one of the provided 8mm bolts into the plate to help maneuver plate into position)



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14. Slide the reservoir into the clamp as shown below. Place the reservoir bracket over the backing plate and thread the two 8mm bolts (CB3825) into the backing plate. Tighten bolts using a 12mm socket.



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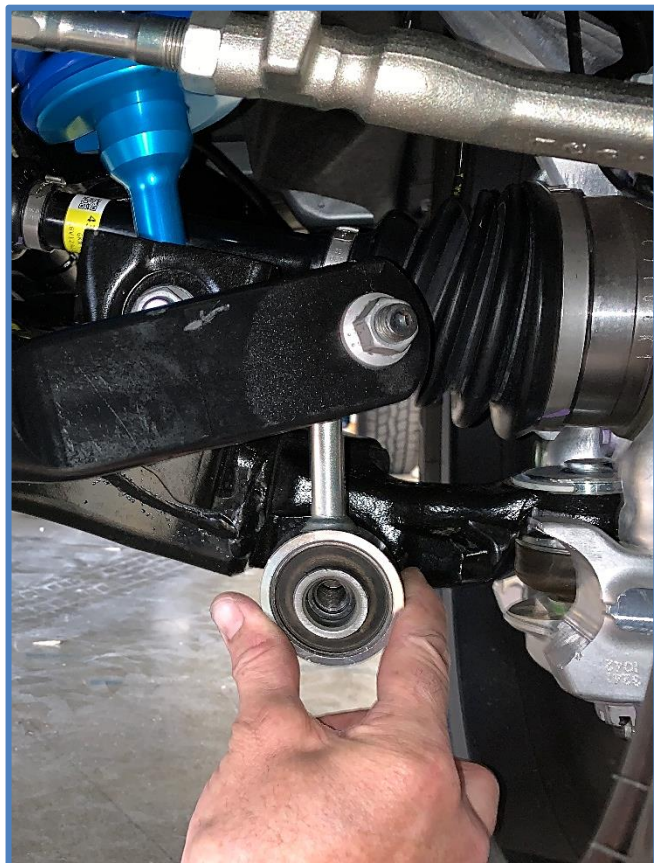
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15. Install the 1/4 x 1" SHCS (CB1501) in the reservoir clamp. Adjust reservoir to its final position (See final install pictures) and tighten bolt using a 3/16 Hex Key.



16. Lower vehicle to the ground, then install sway bar link to the lower mounting stud. Install the factory bolt and torque bolts to factory specs using a 19mm socket.



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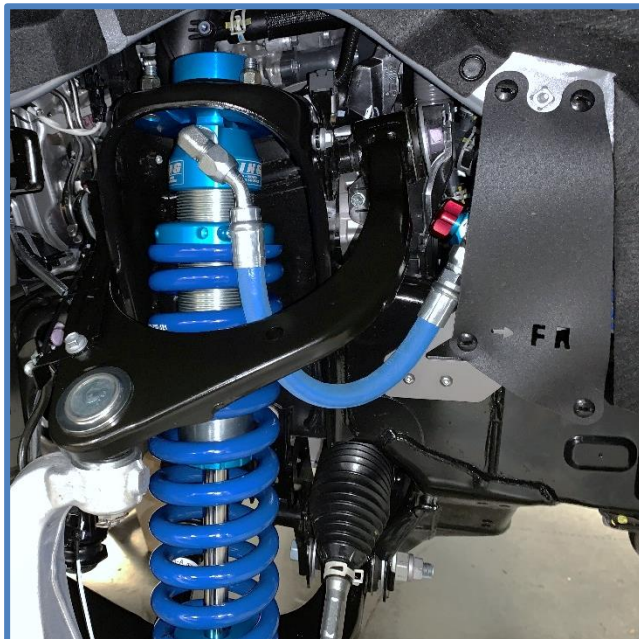
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Optional: Reinstall factory splash guards



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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