



2024+ Toyota Land Cruiser 250 / Lexus GX550 2025+ Toyota 4Runner 2.5 Rear Shocks

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

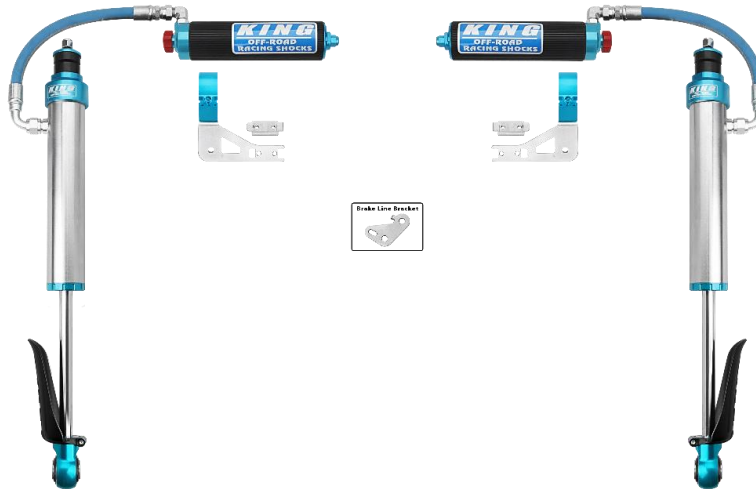
Rear Parts List:

- 2 – 2.5 Rear Shocks (25001-416)
- 2 – Reservoir Brackets (25048-172L/173R)
- 2 – Backing Plates (25049-040)
- 1 – Brake Line Bracket (25071-004)
- 1 – Hardware Kit (KH02-221)

Tools Required:

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

Toyota 4Runner / Land Cruiser 250 / Lexus GX550
OEM PERFORMANCE SERIES



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

1. Support the axle with jack stands before removing shocks. Remove the lower bolt using a 17mm socket.



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.

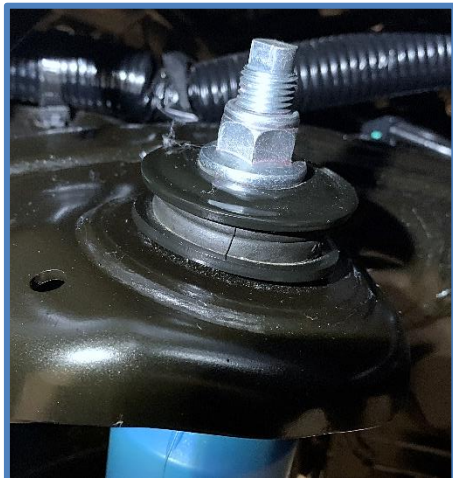
This kit does not require welding. Do not weld on any component. Welding may void the warranty and/or cause the product to fail. If any parts are missing, or for tech assistance; Contact King Off Road Racing Shocks: 714-530-8701 Most important after the install, Feel the difference and have fun.



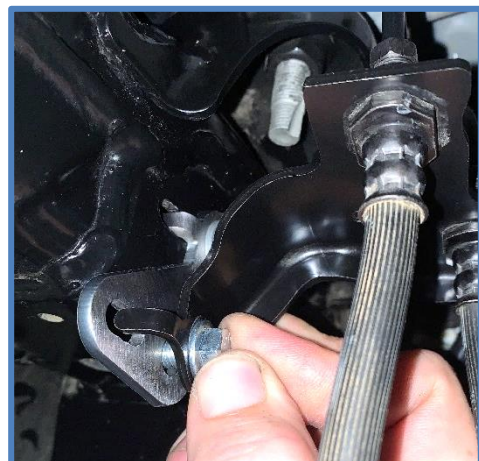
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2. Remove the upper mounting nut using a 22mm wrench. You may need to hold the stud with pliers or vise grips to loosen the nut. Remove nut and remove shock from vehicle.



3. **Install Brake Line Bracket** – Remove the bolt holding the factory brake line bracket using a 12mm socket. Attach the provided Brake Line Bracket to the factory location using the factory bolt, then attach the factory brake line bracket to the new bracket as shown below using the supplied 8mm bolt (CB3825) place the supplied washer and nut on the bolt and tighten. (Not required for most 4Runner models. Check brake lines for slack after installing shocks).



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4. **Install King Shocks** - Shocks are side specific, be sure you are installing shocks on the proper side. (See final install pictures 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 and insert the shock into the upper mount on the vehicle.



5. 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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6. Place the rod end on the lower mounting stud with shaft guard facing forward and install the factory bolt. Torque bolts to factory specs.



7. Tighten upper nut using a 3/4" wrench.



Important Note: The rubber bushings on your King shocks have raised center sections that should be facing each other when installed on vehicle. Taller bushing should be on bottom next to cylinder. 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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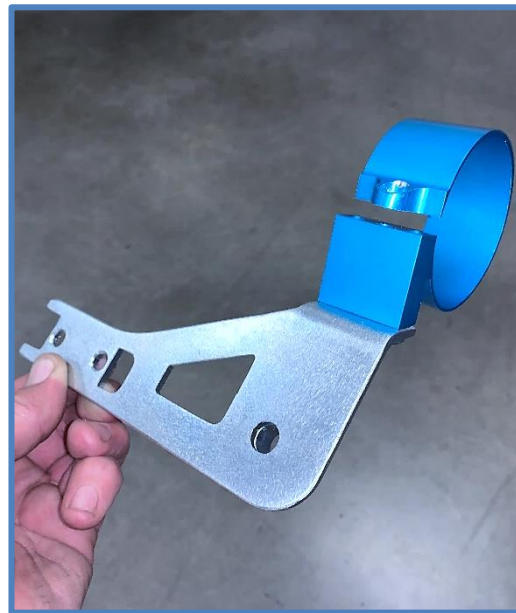
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8. **Mount Reservoirs** – First attach reservoir clamps to the reservoir brackets using the supplied 1/4 x 1/2" BHCS (CB2420). Apply red locktite to the threads and attach clamps to brackets. Tighten screws using a 5/32 Hex Key. Photos below show the right bracket.



9. Remove the rectangular plastic cover (if applicable) from the hole in frame next to the bump stop mount.



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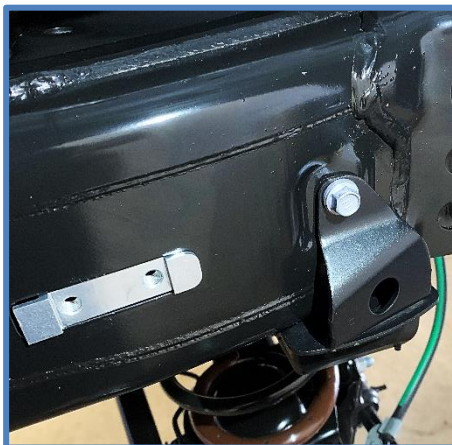
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10. Insert the Backing Plate (25049-040) into the rectangular hole in frame with the rounded corners facing towards the front of vehicle. Flip the plate out with thumb as shown below and slide forward to hold in place. (Note: Use a magnet or thread a bolt into plate to help pull backing plate out.)



11. Remove the bolt from the bump stop bracket on the outside of frame using a 12mm socket.



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12. Slide the reservoir into the reservoir clamp, then place the reservoir bracket over the backing plate as shown below. Install the two short 8mm bolts (CB3825) into the backing plate and install the longer 8mm bolt (CB3824) through the bracket and thread into the existing bump stop hole in frame where you just removed the factory bolt. Tighten all bolts using a 12mm wrench or socket. See final install pics for proper position.



13. Install the 1/4 x 1" SHCS (CB1501). Adjust reservoir to its final position and tighten bolt using a 3/16 Hex Key.



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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.

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