



2021+ Toyota Land Cruiser 300 2.5 Front Coilover

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

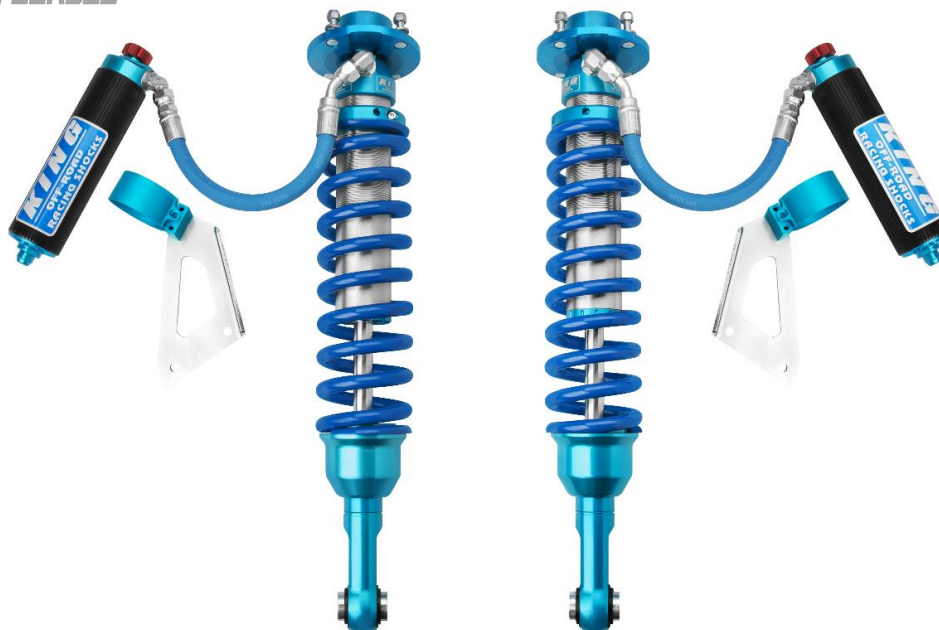
Front Parts List:

- 2 – 2.5 Coilover Shocks (25001-394) **OR**
- 2 – 2.5 IBP Coilover Shocks (25700-394)
- 2 – Front Reservoir Brackets (25048-070/071)
- 1 – Hardware Kit (KH02-187)

Tools Required:

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

Toyota Land Cruiser 300
DEM PERFORMANCE SERIES



Before lifting vehicle off the ground - Disconnect sway bar links on both sides by removing the lower bolt using a 19mm socket. You will replace the bolts 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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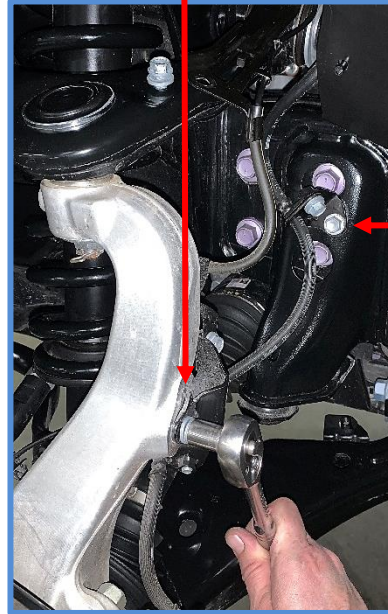
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FRONT: With the vehicle on level ground, set the emergency brake and block the rear tires. Using a floor jack, raise the front end and support the frame rails with jack stands for safety. Remove front tires. **NOTE: Never work under an unsupported vehicle.**

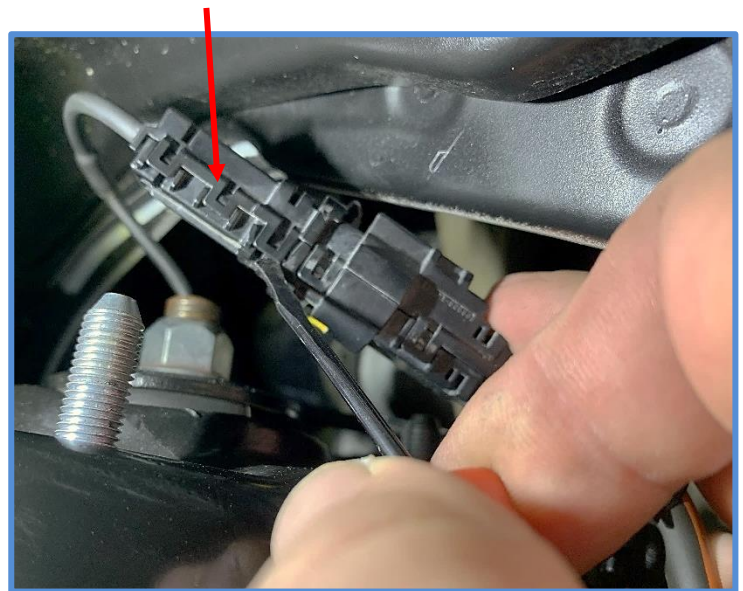
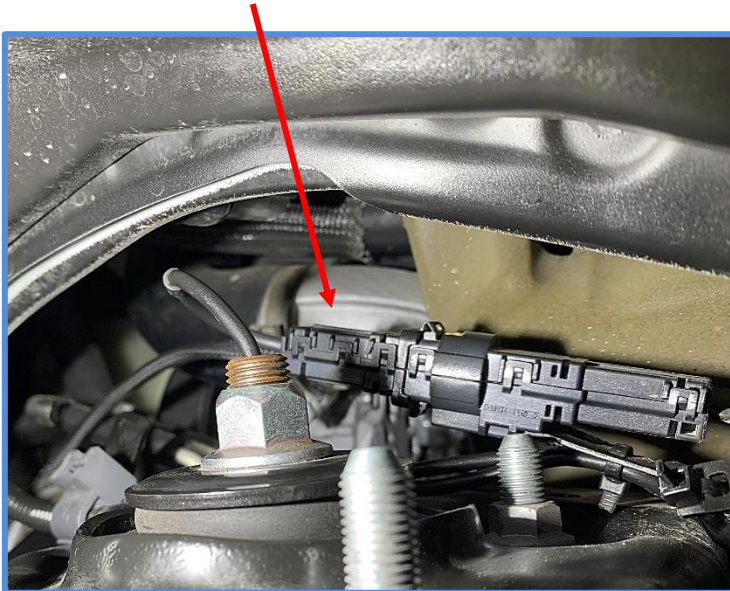
1. Unbolt the ABS bracket on the upper control arm using a 12mm wrench or socket.



2. Unbolt the ABS/brake line bracket on the frame and spindle using a 12mm wrench or socket.



3. Disconnect wire going to the top of the shock. Start by releasing the clips on the connector housing.



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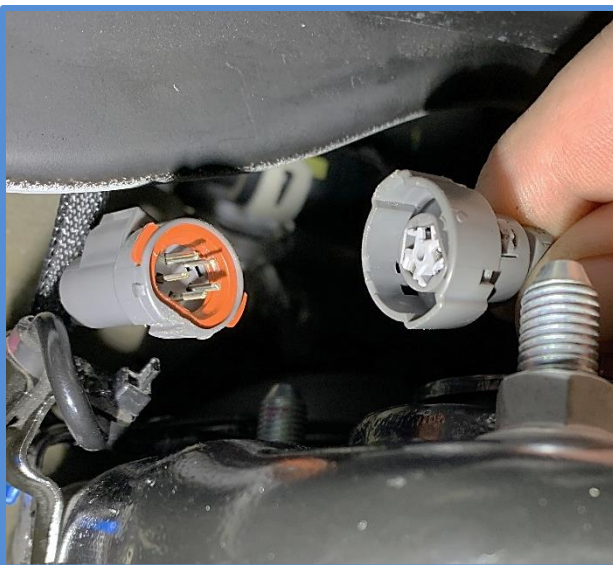
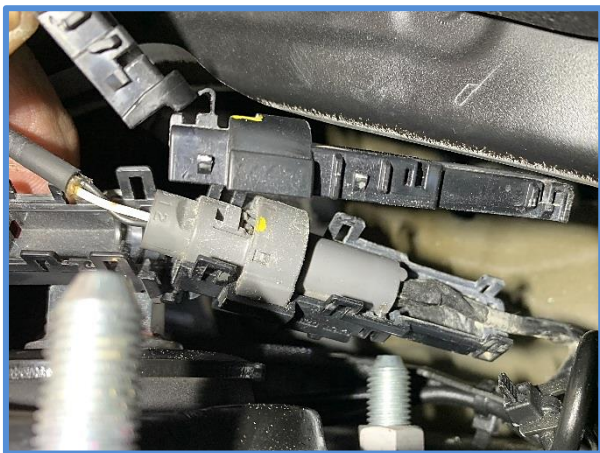
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4. Remove the housing from wire connector and disconnect wire as shown below.



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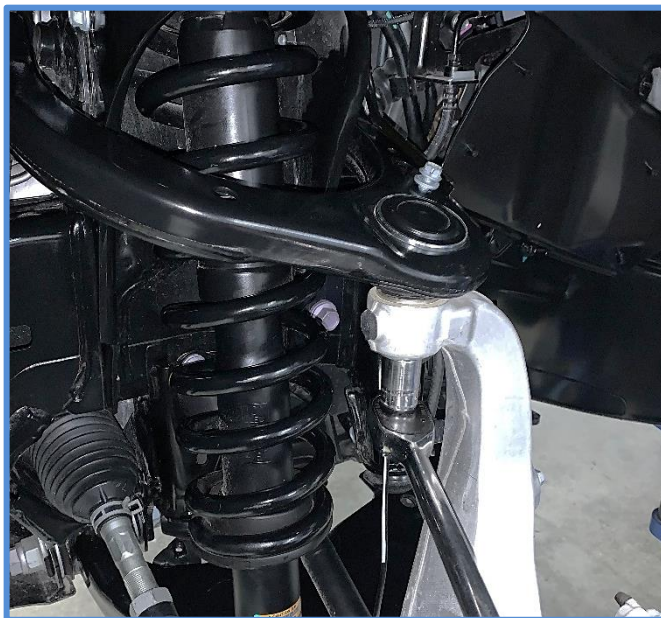
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5. Pull the pin out of the ball joint stud in the upper control arm using needle nose pliers.



6. Remove upper ball joint nut using a 19mm socket. Separate upper A-arm from spindle.



7. Remove the four nuts from the upper mount using a 14mm wrench or socket.



8. Remove the lower mounting bolt using a 22mm socket.



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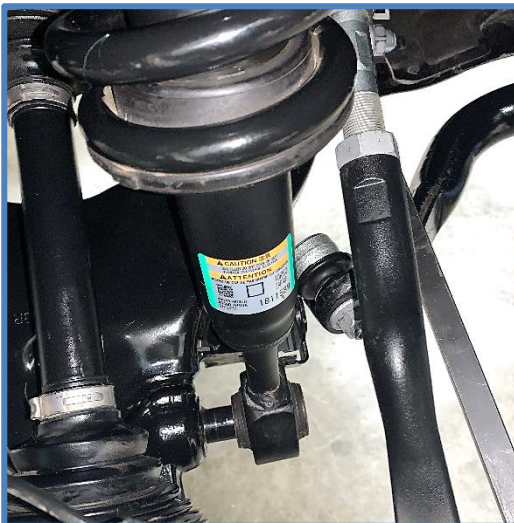
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9. **Remove Shocks** - You will need to use a large pry bar to pry the sway bar down enough to slide the shock off the lower mounting stud. Then move the bottom of shock out towards wheel and down until you can maneuver the top of shock out of the upper mount. Then remove shock from vehicle.



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10. **Install King Coilovers** - Be aware that the shocks are side specific, make sure you are installing shocks on the proper side (see final install pictures for reference). Start by positioning the shock into the upper mount on the vehicle, place the supplied 3/8 HD Washers (CW1701) on the mounting studs followed by the 3/8 nuts (CN2711) and thread the nuts on finger tight for now to hold the shocks in place.



11. Maneuver the rod end onto the lower mounting stud while prying down on the sway bar. Once the rod end is installed, make sure bearing spacers and bushings are properly positioned and install the factory bolt. Tighten the lower bolt to factory specs.



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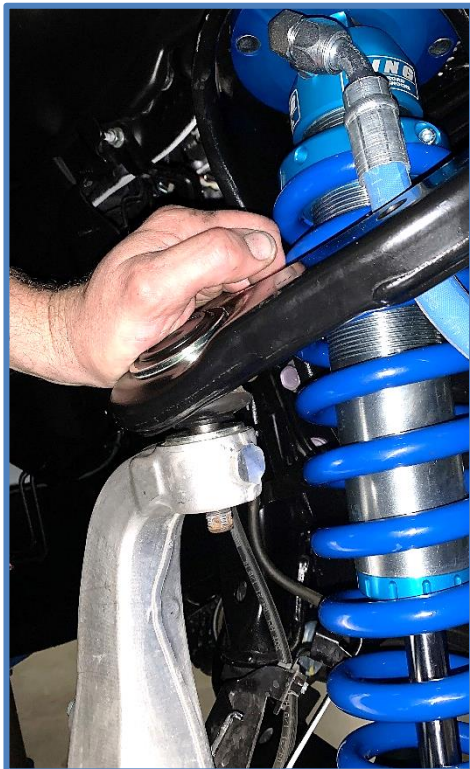
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12. Tighten the upper mounting nuts to 35ft/lbs. using a 9/16 wrench or socket.



13. Reconnect upper control arm. Tighten castle nut to factory specs and reinstall the pin.



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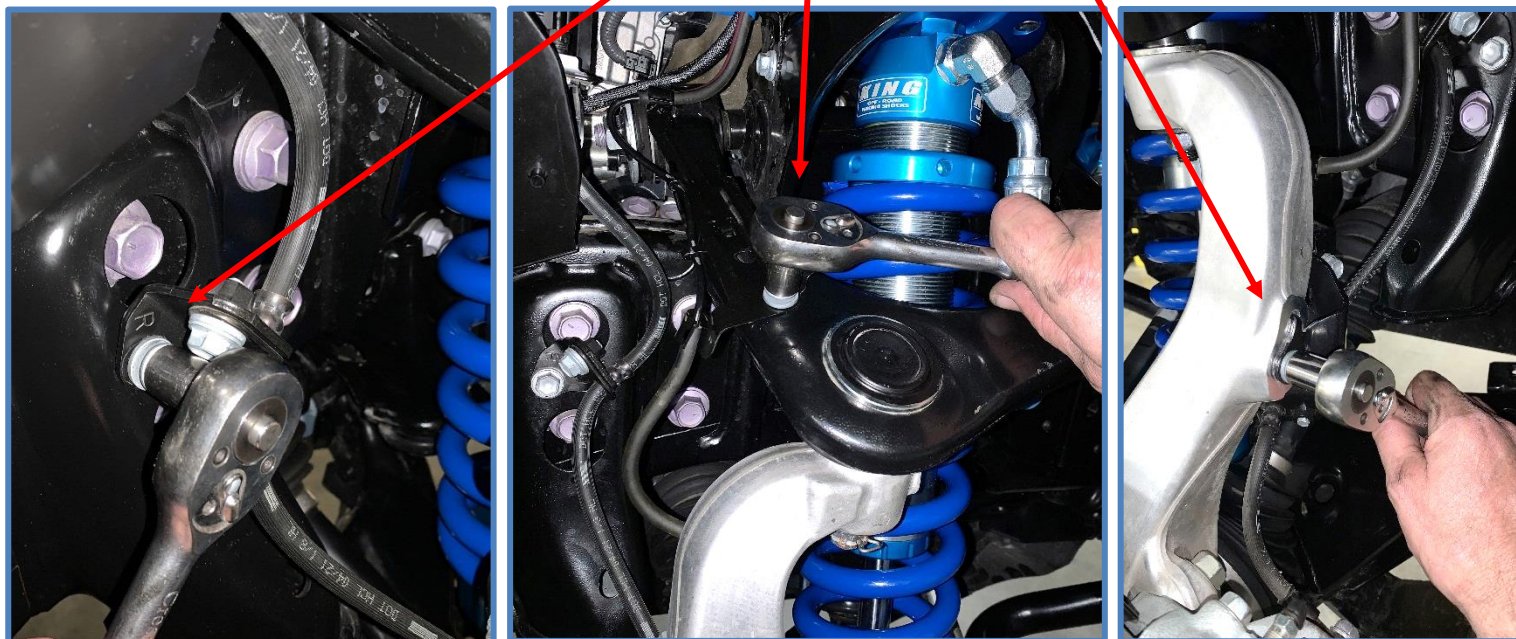
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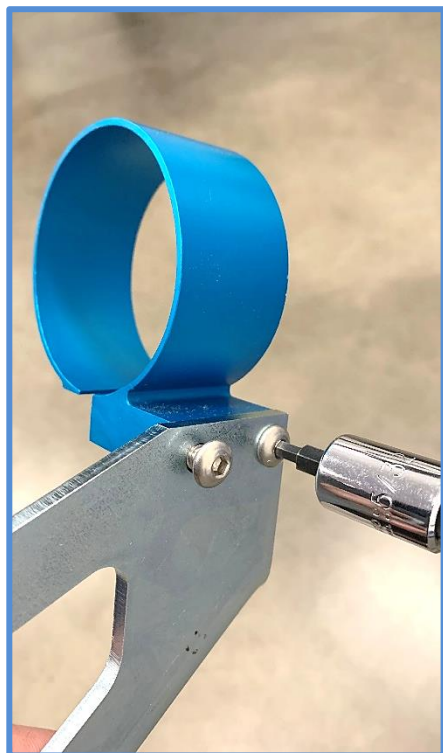
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14. Reconnect the brake and ABS lines to the frame, upper control arm and spindle. Tighten bolts to factory specs using a 12mm socket.



15. **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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16. Slide the reservoir bracket over the reservoir, then place the bracket on the frame and line up the holes in the bracket with the threaded holes in frame as shown below. Install the provided 8mm flanged bolts (CB3825) and tighten using a 12mm wrench or socket.



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17. Install the 1/4 x 1" SHCS (CB1501) in the reservoir clamp. Adjust reservoir to its final position (See final install pictures for reference) 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. Install sway bar link bolts when vehicle is on the ground.

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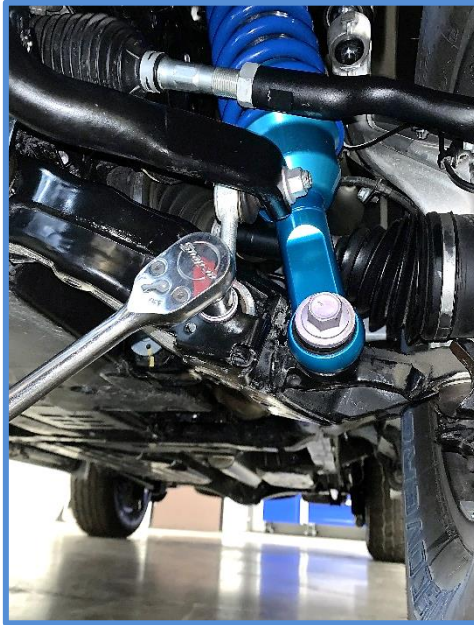
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18. Lower vehicle to the ground, then install sway bar link bolts. Line up the sway bar link in the lower mount so that you can thread the bolt in by hand. Torque bolts to factory specs using a 19mm socket.



19. You may need to rotate the tie rod boot clamp so that it does not contact the shock. Use pliers to open the clamp and rotate clamp to the top or front side of tie rod.



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!

Recheck all hardware and lug nuts after 100 miles and periodically after that as part of routine maintenance.

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