INS-T031 (Rev. A 6/8/20)



# Installation Instructions (Page 1)

## 1998-2002 Toyota Land Cruiser 100 Front Shocks

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

### **Front Parts List:**

- 2 2.5 Front Shocks (25001-259)
- 2 Reservoir Brackets (25092-100L/101R)

4 – Hose Clamps (62032)

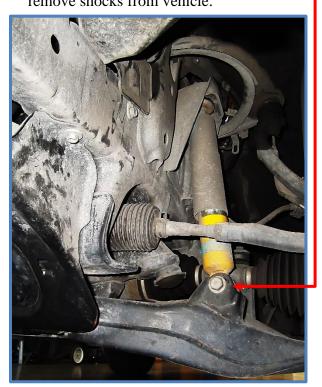
### **Tools Required:**

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



**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. Remove factory shocks by removing the lower mounting bolt, then remove the nut from the upper mount and remove shocks from vehicle.





**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.

# OFF - ROAD RACING SHOCKS

# Installation Instructions (Page 2)

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2. Install King Shocks – Be aware the shocks are side specific. Remove the nut, washer, blue retaining washer and upper bushing. Place the shock in position by inserting the pin into the upper mount making sure the larger bushing is on the bottom next to the cylinder.







3. Replace the upper bushing, retaining washer, washer and nut. Tighten nut until bushings start to compress.







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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.



# Installation Instructions (Page 3)

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Hose should be routed as shown below. Check clearance on your vehicle and adjust accordingly.





Important Note: The rubber bushings on your King shocks are different from each other. Make sure the taller bushing is on the bottom next to the body of the shock as shown. 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" of the mounting pin protruding above the nut.

\*Do not over-tighten the nut..





4. Place the rod end in the lower mount, install the factory bolt and tighten to factory specs.



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5. Reservoir mount attaches to the frame using existing bolts that secure skid plate and tow hook. Drop skid plate and tow hook bracket, insert reservoir mount against frame and replace bolts but do not tighten. (Truck shown has aftermarket bumper that requires drop down spacers that stock vehicle does not have.)







6. The reservoir mounts with hose fitting pointing up. Make sure hose does not interfere with moving suspension parts. Install hose clamps as shown, tighten clamps then tighten remaining bolts.







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# Installation Instructions (Page 5)

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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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