



1997+ Nissan Patrol Y61 2.5 Front Shocks

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

Front Parts List:

- 2 – Remote Reservoir Shocks (25001-185,187,189)
- 2 – Front Reservoir Brackets (25048-035/036)
- 4 – Reservoir Bracket Spacers (25091-004)
- 2 – Upper Mount Brackets (25069-103L/104R)
- 1 – Hardware Kit (KH02-220)

Tools Required:

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

NISSAN PATROL Y61
OEM 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. Remove front tires. **NOTE: Never work under an unsupported vehicle.**

1. Remove shocks by removing the upper and lower nuts from the mounting pins using a 17mm wrench/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.

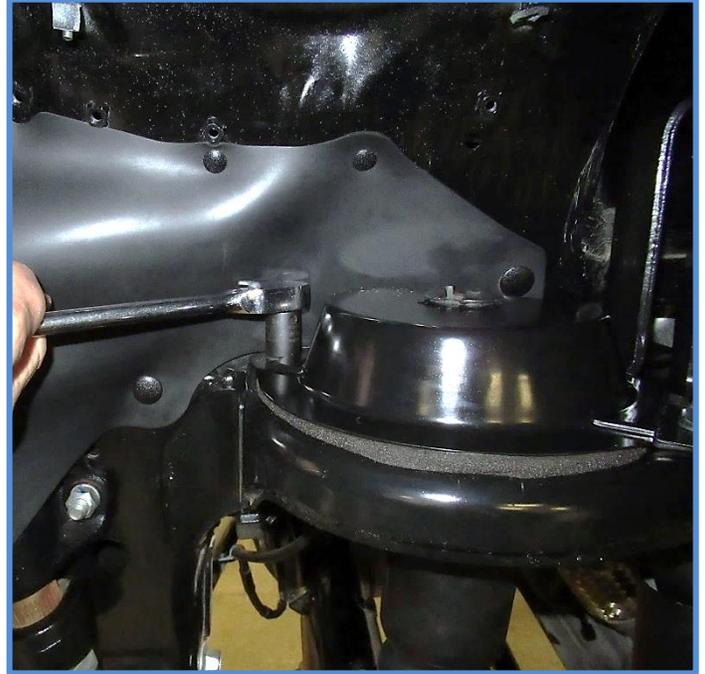
This kit does not require welding. Do not weld on any component. Welding may void the warranty and/or cause the product to fail. If any parts are missing, or for tech assistance; Contact King Off Road Racing Shocks: 714-530-8701 Most important after the install, Feel the difference and have fun.



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2. Unbolt and remove the cover above coil bucket using a 14mm socket.



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3. Remove the upper mount bracket by removing the three nuts located underneath the shock mount/coil bucket using a 17mm socket.



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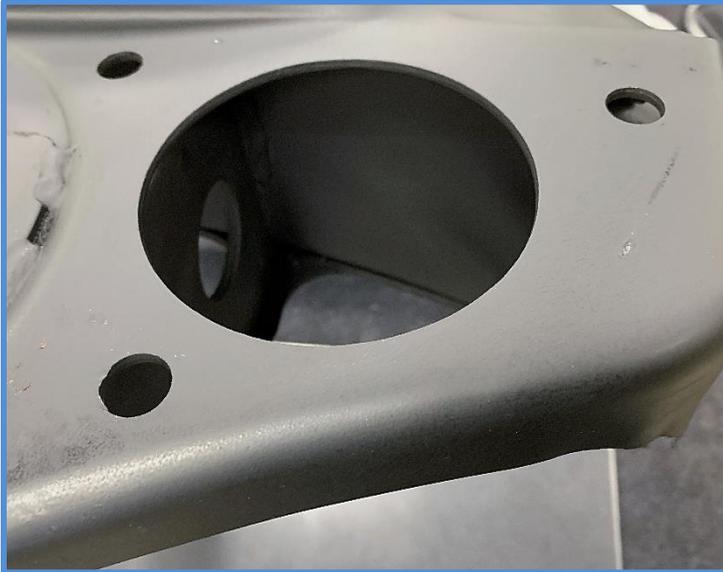
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- Place King upper mount in position where factory mount was removed. Be aware the mounts are side specific and can only be installed one way. Leave loose for now and install shocks before installing hardware for upper mount.



- Begin installing King Shocks. First feed reservoir through the hole as shown below, then maneuver the end cap and fitting through the hole as shown.



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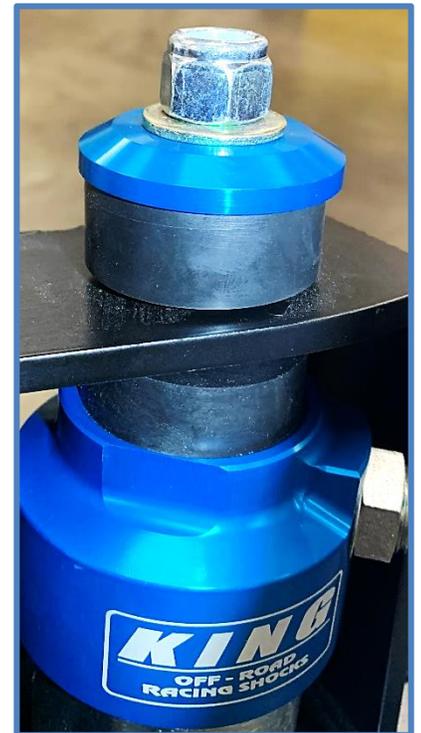
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6. Place the shock into the upper mount making sure the thinner bushing is on the bottom, place the upper bushing on the stud followed by the aluminum retaining washer, regular washer then the nut. Thread the nut on by hand for now to hold the shock in place and move on to the next step.



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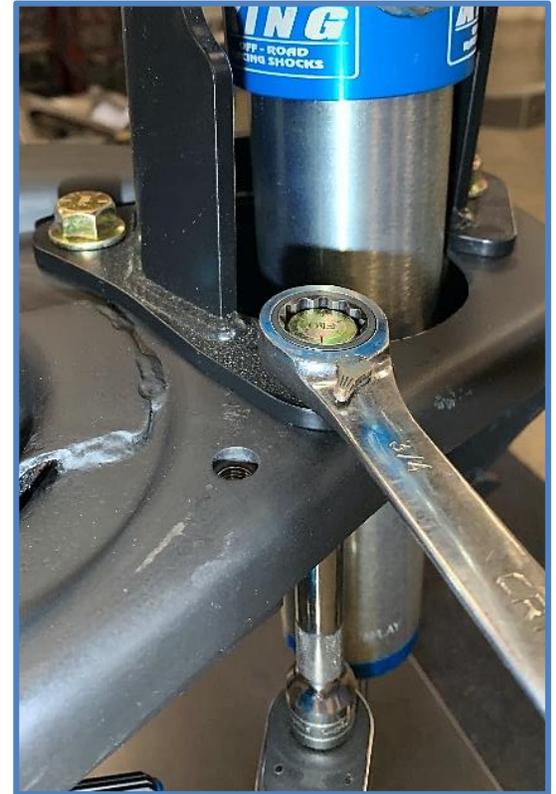
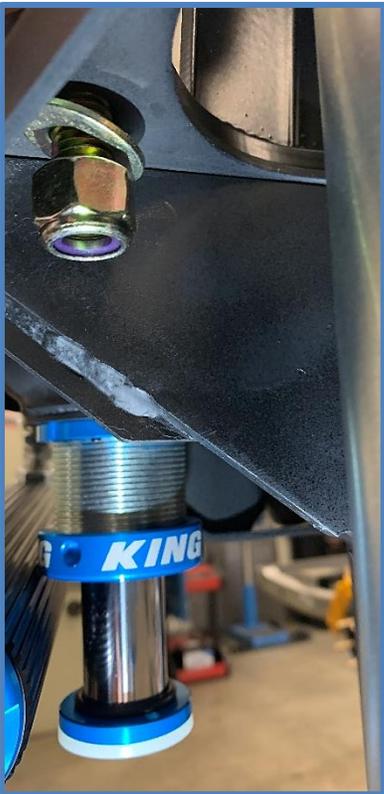
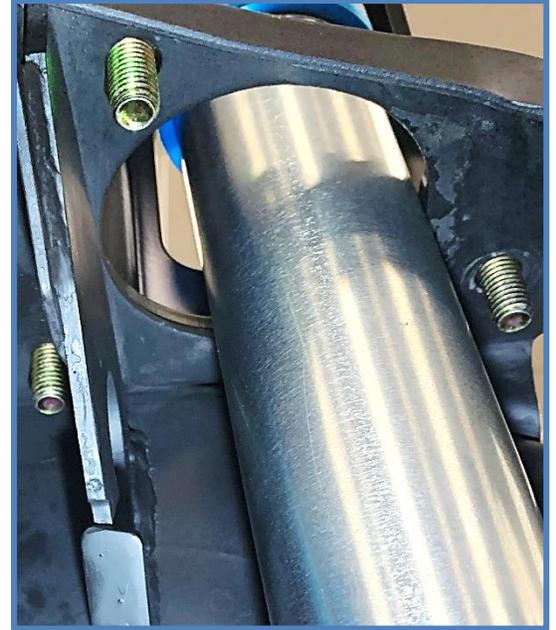
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7. Install the provided 1/2" flange bolt in the upper mount from the top as shown below. Place the provided 1/2" washer and nut on the bolt underneath the upper mount and tighten all bolts.



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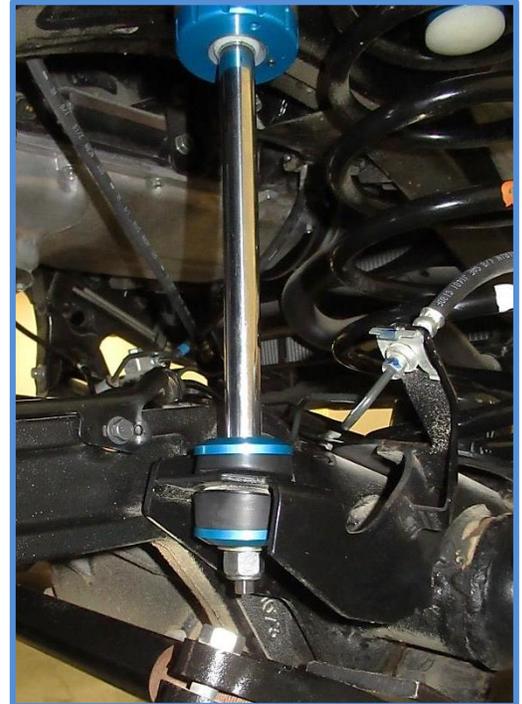
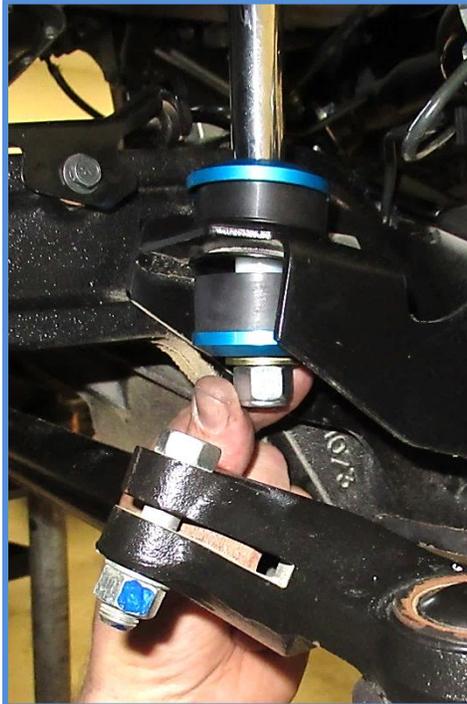
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8. Place the shaft end into the lower mount and install the bushings and hardware as shown, tighten the nut until the bushings start to compress. Do not over tighten.



9. Tighten upper mount using a 3/4" ratcheting wrench.



Important Note: The rubber bushings on your King shocks are different from each other. Make sure the thinner 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..**



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10. Attach the reservoir clamps to the reservoir bracket using the supplied hardware. Place the clamp on bracket as shown and install the 2 BHCS (CB2420). Be sure to use high strength thread lock.



11. Install reservoir brackets. Place the coil bucket cap back in position over the coil bucket, then place the spacers in position over the holes for the coil bucket cap where you previously removed the factory bolts.



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12. Place the reservoir bracket over the spacers and install the supplied M10 X 80mm bolts (CB3731) as shown. Thread bolts into the factory threaded holes and tighten bolts to secure bracket.



13. Slide reservoir into the reservoir clamp. Adjust the reservoir to the desired position and install the provided 1/4 X 1" SHCS (CB1501) in the reservoir clamp, tighten the clamp using a 3/16 allen wrench.

**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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