



2005 + Toyota Tacoma 3.0 Rear Bypass Shocks

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

Rear Parts List:

2 – 3.0 Rear Bypass Shocks (33001-210)
2 – Rear Reservoir Brackets (25046-002)
4 – Reservoir Clamps (25042-020)
2 – Rear Lower Shock Mount Extension (33042-102)
2 – Lower Shock Mount Ext. Spacer (25091-003)
2 – Lower Shock Mount Square Nut (33042-004)

Hardware

4 – 1/4 X 1" SHCS (CB1501)
4 – 1/4 X 1/2" BHCS (CB2420)
2 – M8-1.25 X 25mm Bolts (CB3825)
2 – M8-1.25 Nuts (CN1801)
4 – 1/2-20 X 2.75" Bolts (CB4730)
4 – 1/2-20 Thin Nylock Nuts (CN2800)
2 – 1/2-13 X 1" Bolts (CB4704)
10 – 1/2" SAE Washers (CW1702)
2 – 5/8-18 Nylock Nuts (CN2901)
2 – 16mm Washers (CW1803)

Tools Required:

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

2005 + Tacoma 3.0 Rear Bypass 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 rear tires. **NOTE: Never work under an unsupported vehicle.**

1. Remove rear shocks by removing the lower mounting nut and bolt using a 17mm wrench and socket. Then remove the upper mounting nut using a 14mm wrench or socket 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.

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.



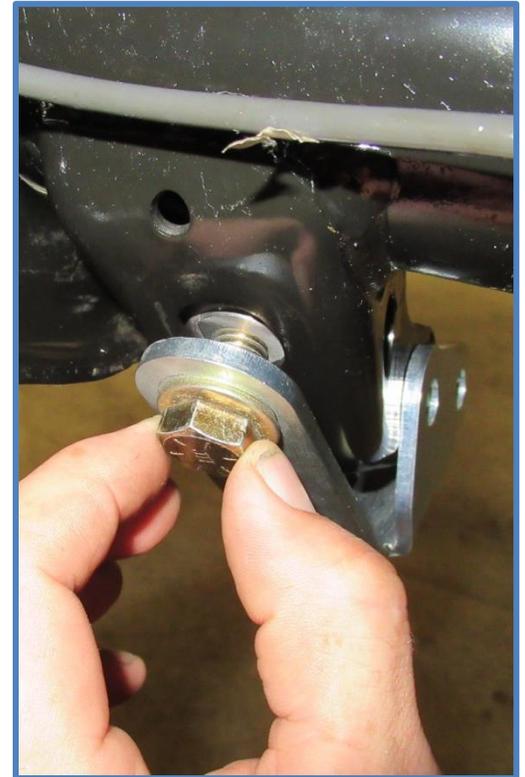
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2. Install lower shock mount extensions. First slide the square nut into the lower shock mount as shown below. Line up the nut with the large hole on the back side of the mount.



3. Place the shock mount extension over the existing mount and line up the holes in the bracket with the holes on the existing mount. Thread the 1/2 X 1" bolt (CB4704) with washer (CW1702) into the square nut and leave loose for now.



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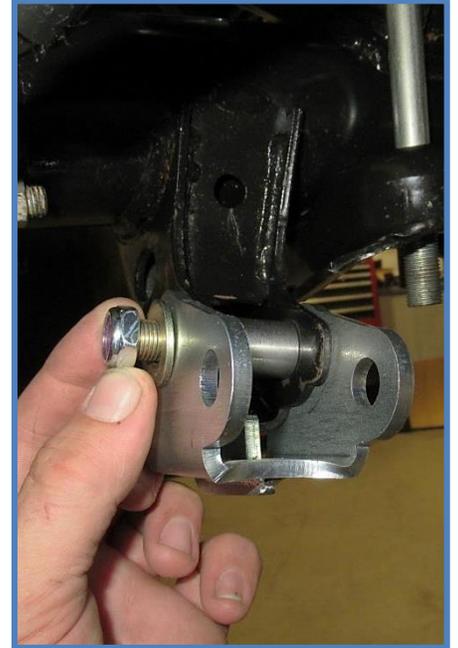
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4. Place the lower shock mount spacer (25091-003) in the existing shock mount and install one of the 1/2 X 2-3/4" bolts (CB4730) with washer (CW1702) through the new bracket, spacer and existing mount. Install a washer (CW1702) and the thin nylock nut (CN2800) but leave loose for now.



5. Now tighten the 1/2 X 1" bolt on the back side of the bracket using a 3/4 socket, make sure the bracket pulls in tight to the existing mount.



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6. Install the King Shocks by inserting the upper mounting pin into the upper mount on the vehicle. Place the washer (CW1803) on the pin followed by the 5/8 nylock nut (CN2901), thread the nut on finger tight for now, you will tighten all hardware once everything is installed.



7. Place the rod end in the lower mount and install the 1/2 X 2-3/4" bolt (CB4730) with washer (CW1702). Be aware that these shocks have offset bearing spacers, the longer spacers should be towards the frame which offsets the shock out towards the wheel, this is to provide clearance between the shock and the leaf spring. Make sure the longer spacers are towards the frame. Install the washer (CW1702) and thin nylock nut (CN2800) and tighten both shock mount bolts to 90 ft-lbs.



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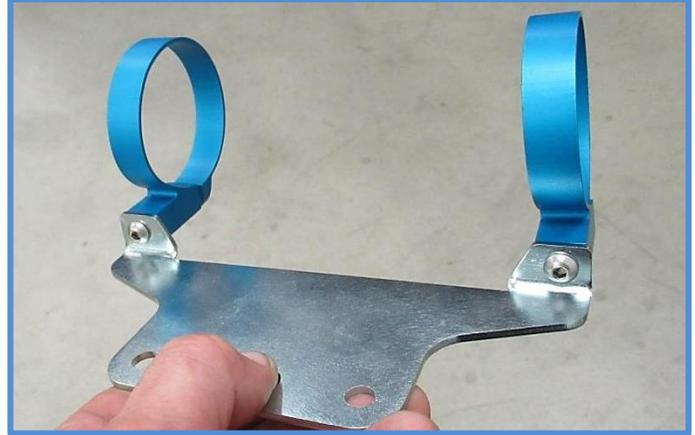
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8. Now tighten the upper mounting nut using a 15/16 wrench. At this point all shock mounting bolts should be tight, double check upper and lower mounting hardware.



9. Next prepare the reservoir brackets for installation by attaching the reservoir clamps. Attach the clamps to the bracket as shown below using the supplied 1/4 X 1/2" BHCS (CB2420) and tighten with a 5/32 Allen wrench.



10. Install reservoir brackets. On the driver's side of the truck (left), remove the bolts holding the brake line bracket to the frame as shown. Insert the reservoir bracket between the brake bracket and the frame. Replace the bolts and tighten.



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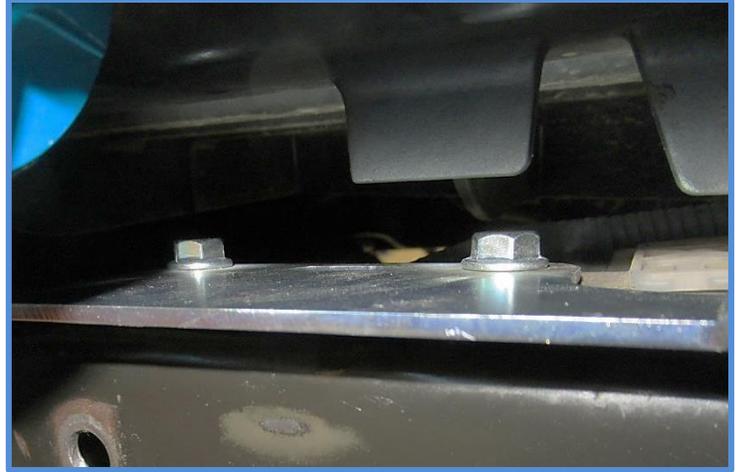
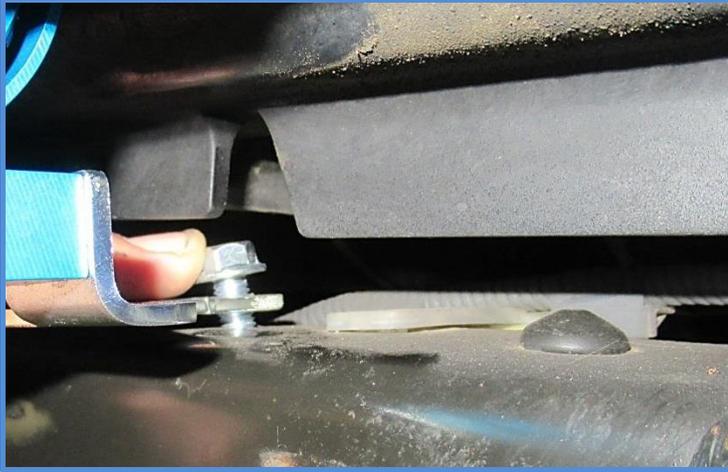
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11. On the opposite side (right) mount the bracket with the provided M8-1.25 X 25mm Bolts (CB3825) and M8-1.25 Nuts (CN1801) using the existing holes in the frame.



12. Slide the reservoir into the clamps, center the reservoir and install the 1/4 X 1" SHCS (CB1501) and tighten using a 3/16 Allen wrench.



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Final install should look similar to photo below.

Tacoma 3.0 Rear Bypass Shock shown with optional Bump Stop Kit with integrated reservoir mount.



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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