



1999+ Mitsubishi Montero/Pajero 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 Front Coilovers (25001-264)
- 2 – Reservoir Brackets (25048-045)
- 2 – Reservoir Clamps (21042-003)
- 6 – 3/8 X 1" Bolts (CB4701)
- 6 – 3/8 HD Washers (CW1701)
- 4 – 1/4 X 1/2" BHCS (CB2420)
- 2 – 1/4 X 1" SHCS (CB1501)
- 2 – M8-1.25 X 25mm HHCS (CB3825)
- 2 – M6.3-1.81 X 25mm SMS (CB3601)
- 2 – 3/8 Adel Clamps (H41070)

Tools Required:

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

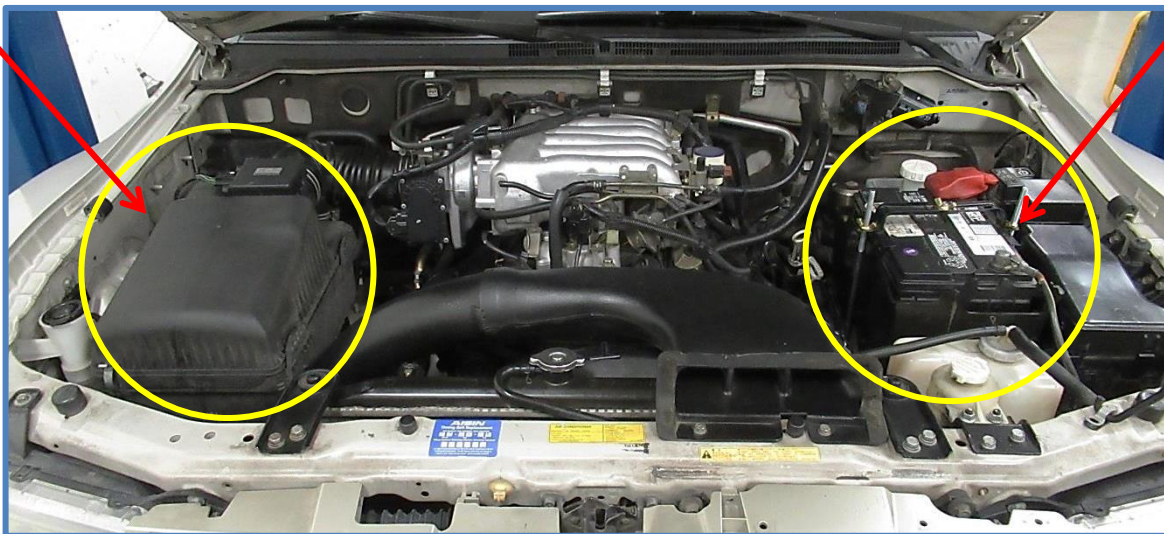
This kit does not fit with factory upper control arms. Upper Control Arms are available from Total Chaos Fabrication. Factory wheels may have clearance issues.

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DEM 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. Open the hood to access the upper mount of the front shocks. On the left side you will need to remove the battery and tray to access the upper mounting nuts. On the right side you will need to remove the air intake/air filter to access upper mounting nuts.



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.

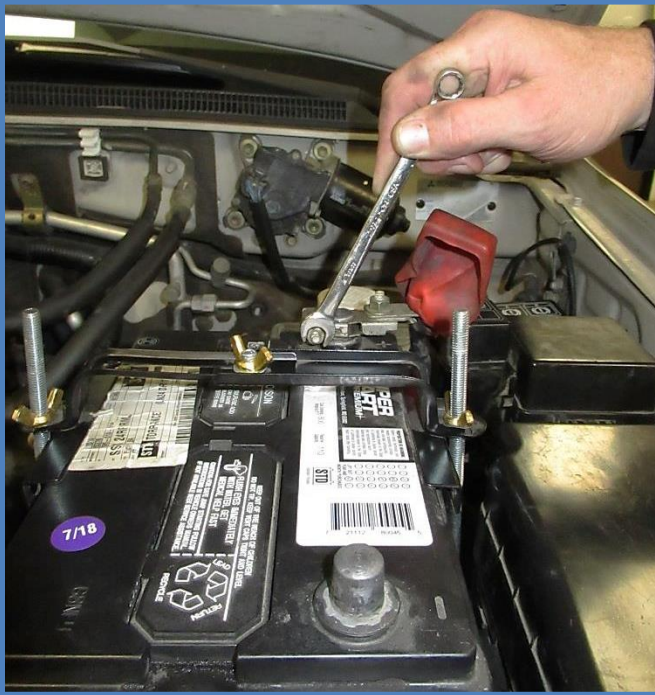
This kit does not require welding. Do not weld on any component. Welding may void the warranty and/or cause the product to fail. If any parts are missing, or for tech assistance; Contact King Off Road Racing Shocks: 714-530-8701 Most important after the install, Feel the difference and have fun.



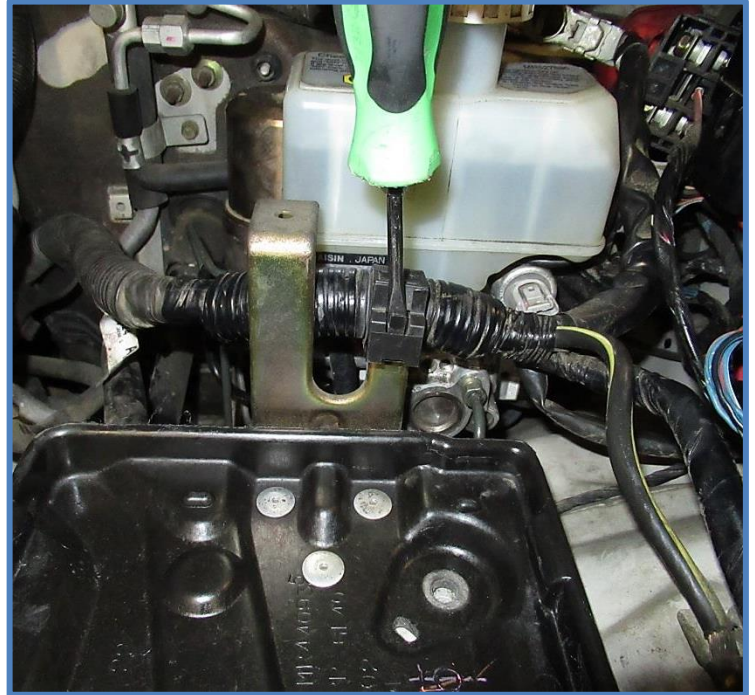
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2. Disconnect battery and remove from tray.



3. Unclip the wiring harness



4. Remove bolt that attaches relay box to battery tray using a 10mm socket.



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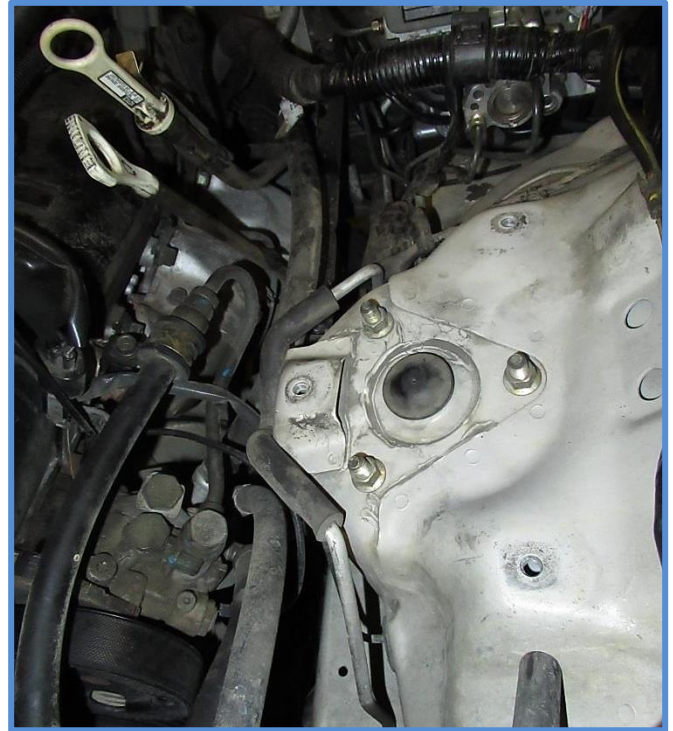
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5. Remove coolant overflow reservoir and set aside (if applicable). Remove the three bolts that attach tray to body using a 12mm socket and remove tray.



6. Remove air filter box on right side by first releasing the clips and unplugging the wiring from the sensor.



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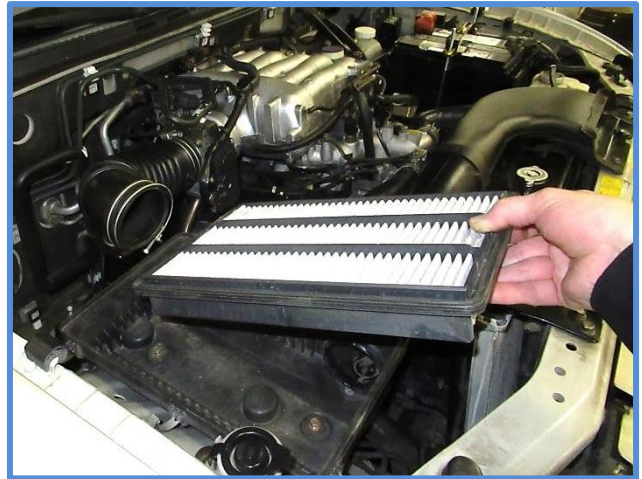
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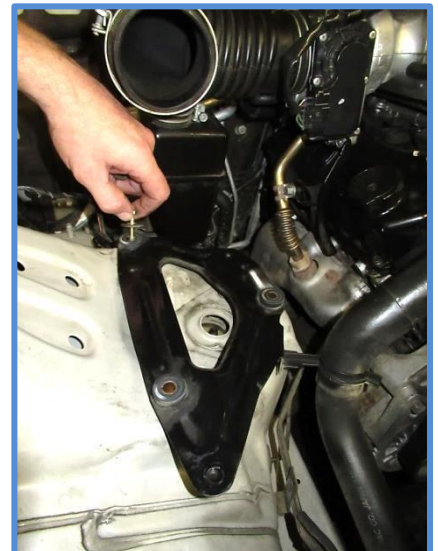
7. Loosen hose clamp and remove hose from housing.



8. Remove cover and air filter to access bolts to remove air box.



9. Using a 10mm socket, remove the three bolts inside air box, then remove the air box support.



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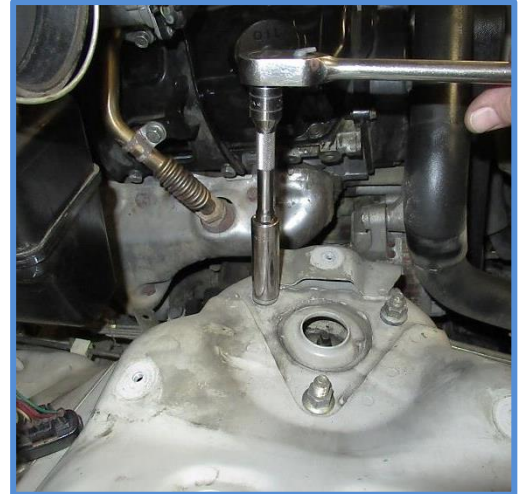
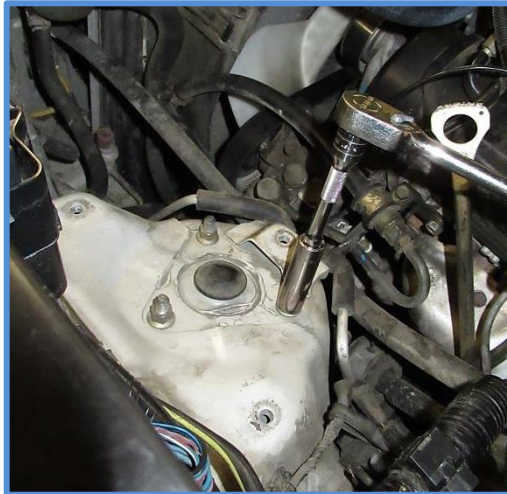
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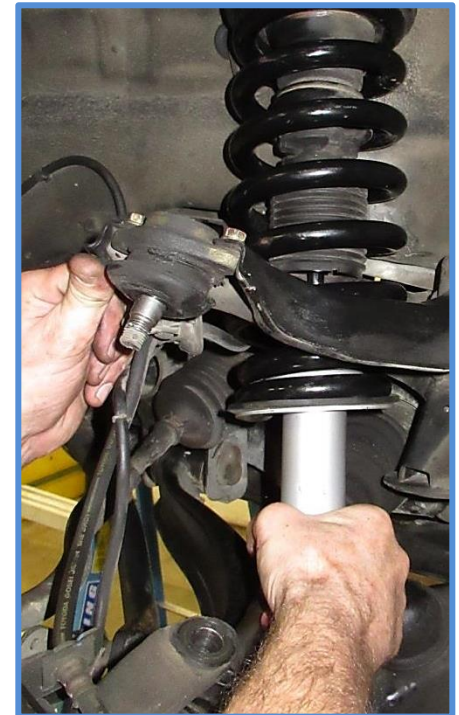
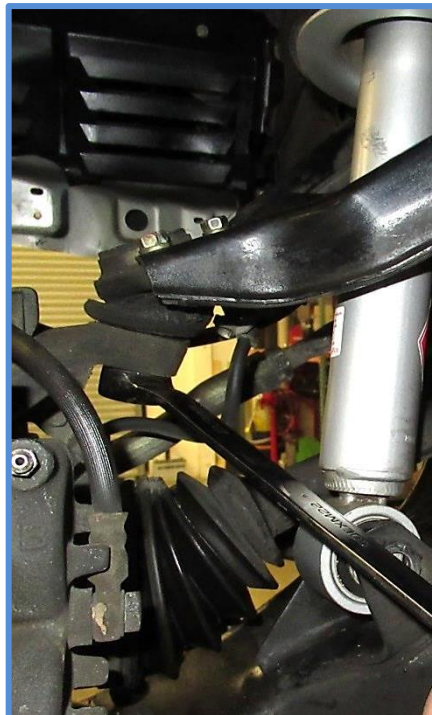
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10. Now that you have access to the upper mount... First remove the bolt from the lower mount then remove the three nuts from the upper mount.



11. Disconnect the upper control arm from the knuckle by first removing the cotter pin, then remove the nut from the ball joint and separate the upper control arm from the knuckle using the proper ball joint tools.



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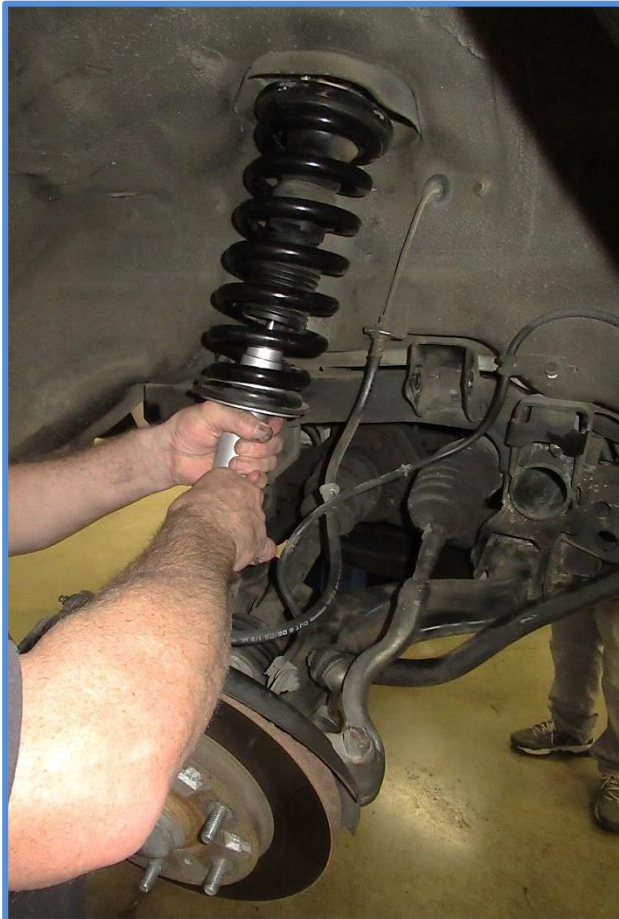
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12. Remove the two pivot point bolts and disconnect brake lines from upper control arm, remove upper control arm then remove shock as shown.



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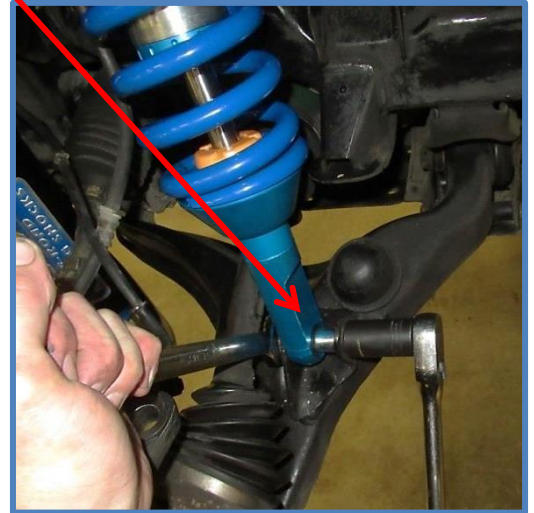
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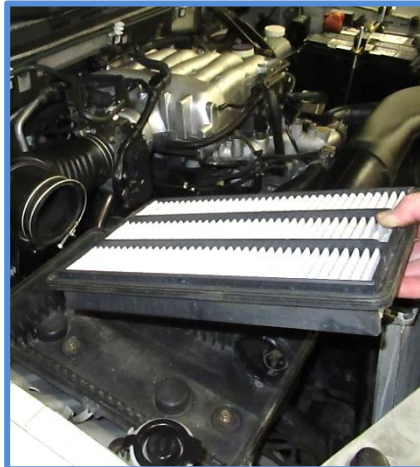
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13. Install King Shocks by placing the shock in position on the vehicle and install the provided 3/8 bolts with HD washers in the upper mount and tighten to 35 ft/lbs. Install the factory bolt in the lower mount and tighten to factory specs. Make sure longer spacer is towards the rear.



14. Once the shocks are in position and the upper bolts have been torqued you can replace the battery tray and battery and reassemble the air box and intake in the opposite order they were removed.



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15. Install Upper Control Arms per the instructions in the kit.



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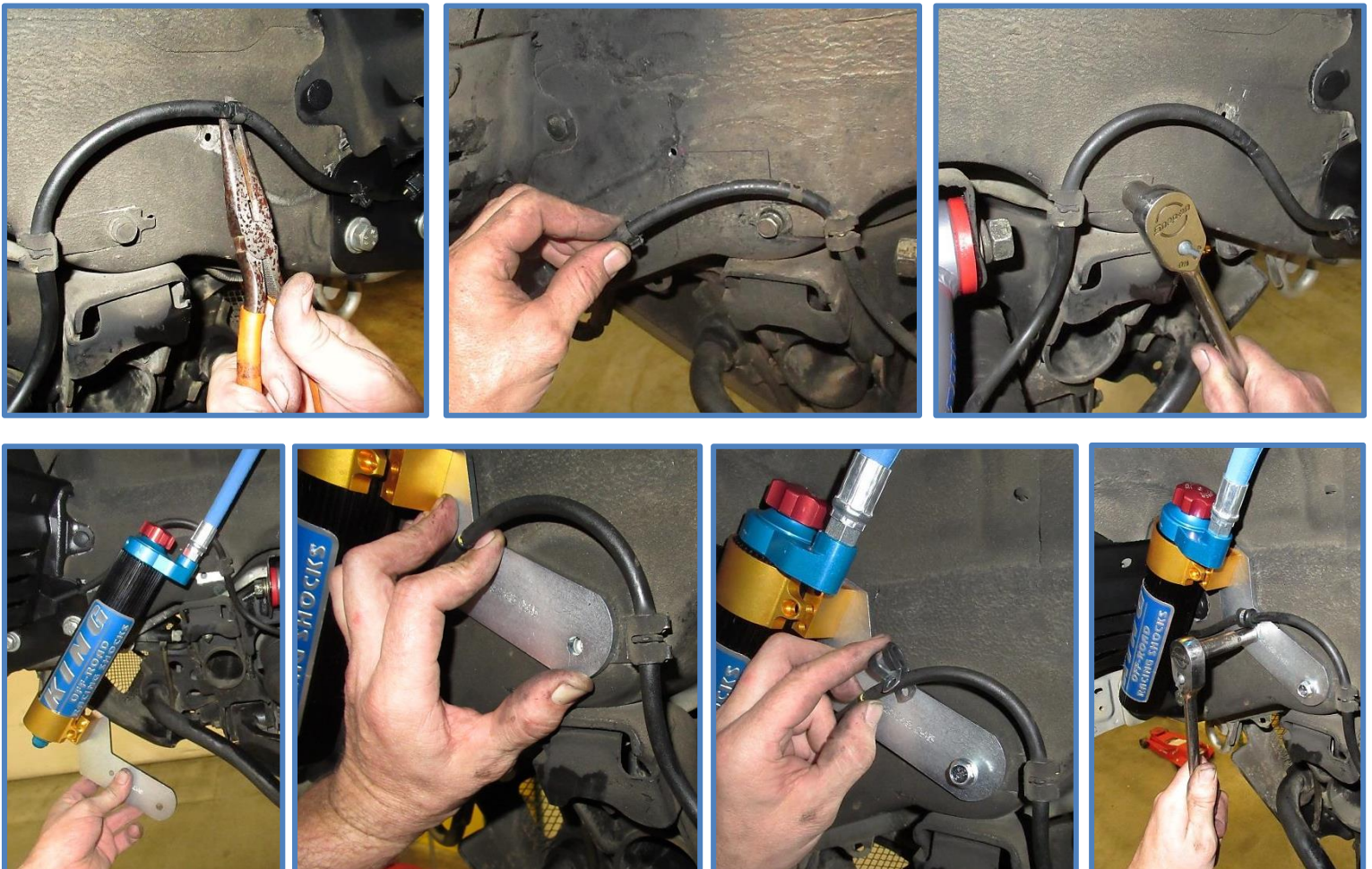
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16. **Install reservoir brackets and secure reservoirs:** Use the 1/4 X 1/2" BHCS (CB2420) provided in the kit to attach reservoir clamps to the reservoir brackets. Tighten screws with a 5/32 Allen wrench.



17. Pry the ABS line clip from the body and remove, then unbolt the ABS line bracket. Slide the reservoir clamp over the reservoir as shown below and place the reservoir bracket in position over the ABS line bracket. Thread in the new longer bolt into the threaded hole then use the self-threading screw to attach the Adel clamp and screw into existing hole where the plastic clip was.



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18. Install the provided 1/4 X 1" SHCS (CB1501) into the clamp and tighten with a 3/16 Allen wrench.



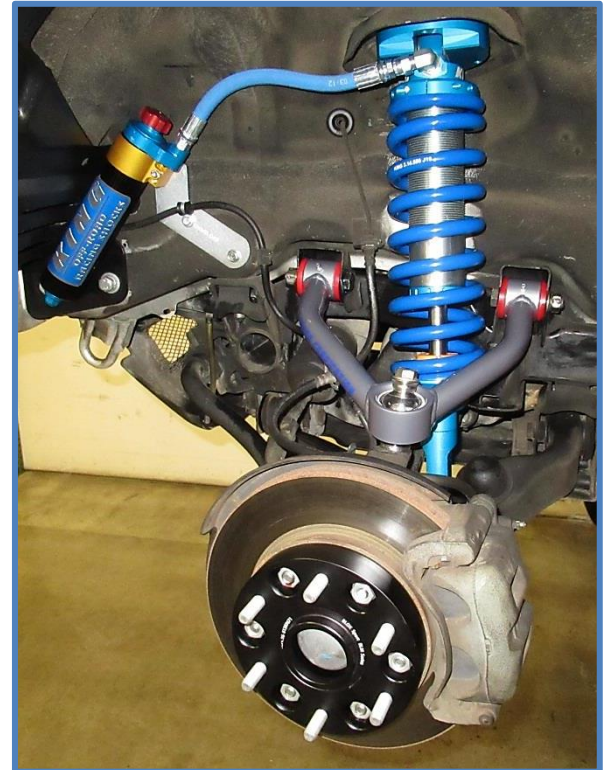
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DOUBLE CHECK ALL HARDWARE:

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.

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!

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