



Mercedes G-Wagon 2.5 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 (25001-300) or 25001-319)
- 2 – Front Reservoir Brkt. (25094-101L/102R)
- 1 – Hose Brkt. Left (25094-003)
- 1 – Hose Brkt. Right (25094-004)
- 1 – Hardware Kit (KH02-115)

Tools Required:

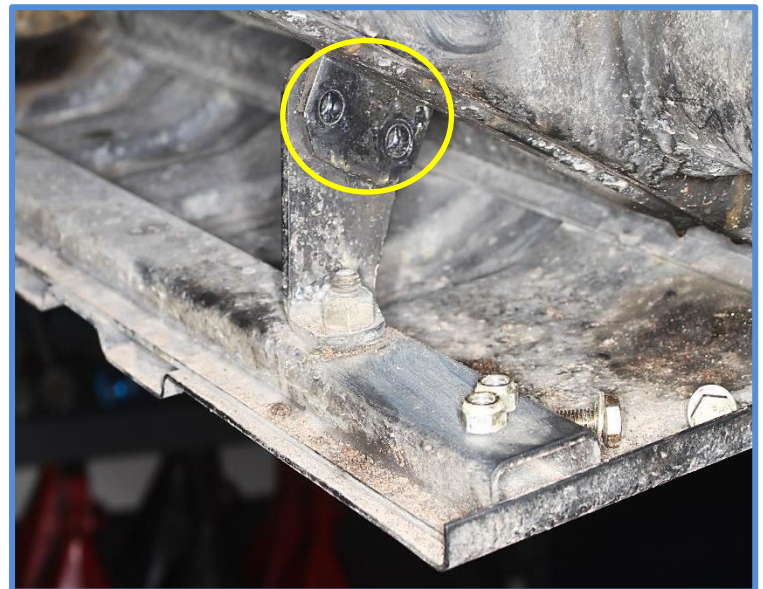
- Floor Jack/Jack Stands
- Metric Wrench/Socket Set
- Standard Wrench/Socket Set

Mercedes G-Wagon
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. Remove the factory shocks by removing the nut from the lower mount. Then remove the nut and bolt from the upper mount and remove shock. Save the upper mount hardware.
2. Remove the two bolts holding the front skid plate to the frame.



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.

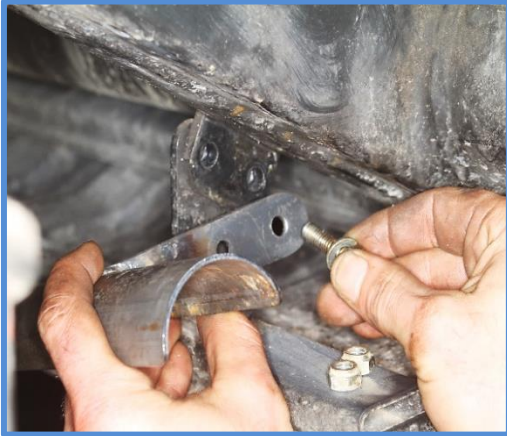
This kit does not require welding. Do not weld on any component. Welding may void the warranty and/or cause the product to fail. If any parts are missing, or for tech assistance; Contact King Off Road Racing Shocks: 714-530-8701 Most important after the install, Feel the difference and have fun.



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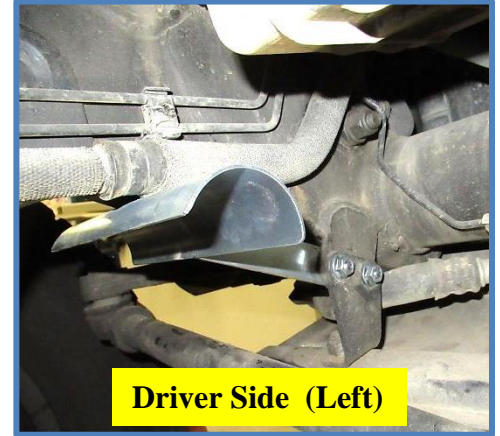
3. Bolt the passenger side (short) reservoir bracket to the existing holes in the skid plate mount. Make sure the bracket is pushed up until it rests against the frame as shown below. Do the same on the driver's side.



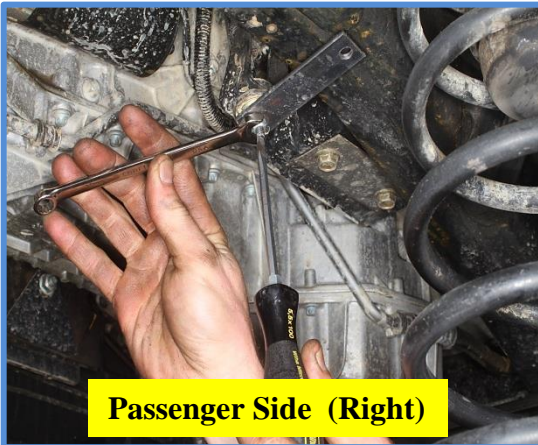
Passenger Side (Right)



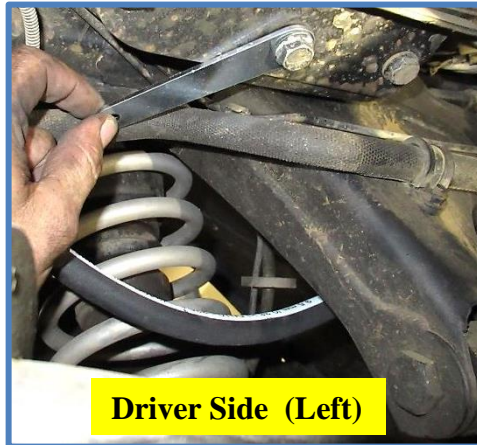
Driver Side (Left)



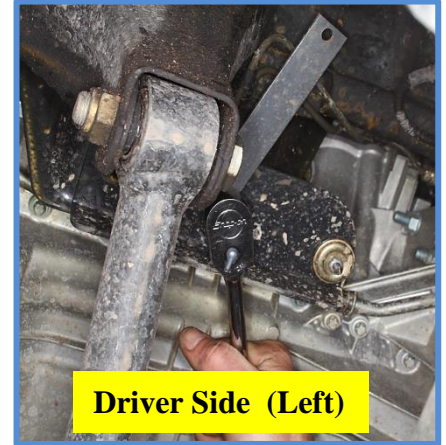
4. On the passenger side, bolt the hose tether bracket onto the existing engine mount bolt using a flathead screwdriver and a 10mm wrench. On the driver side use a 15mm socket to attach the hose tether bracket to the existing engine mount bolt.



Passenger Side (Right)

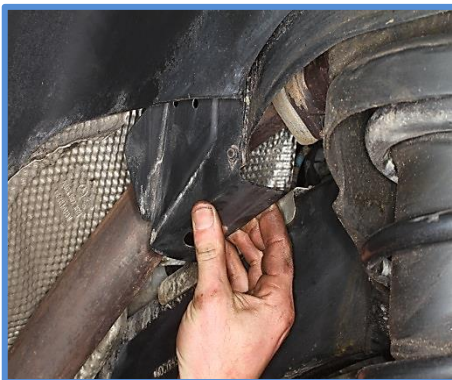


Driver Side (Left)



Driver Side (Left)

5. The sheet metal bracket in the passenger side wheel well interferes with the new shock. You can cut it off if you wish or simply bend it down as shown to make room for the King shock.



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6. You will notice that one bushing is longer than the other. The longer bushing needs to go towards the front of the truck and the reservoir hose points to the rear when installing as shown.



7. Before installing the shock, pass the reservoir and hose around behind the coil spring and brake lines as shown below.



8. Bolt shock into upper mount as shown. Take care that the a/c line does not touch the shock. You might need to move it slightly.



9. Remove the sleeve and lower rubber bushing from the end of the shaft and align shaft in hole on the lower mount.



10. Only when the shaft is aligned with the hole, cut the strap on the shock so it extends. The shock is under pressure. Make sure your hands/fingers are clear of the extending shock. Install the sleeve, lower bushing, blue anodized plate, washer and the nut on the end of the shaft and tighten until the bushing starts to compress as shown *Do not overtighten.



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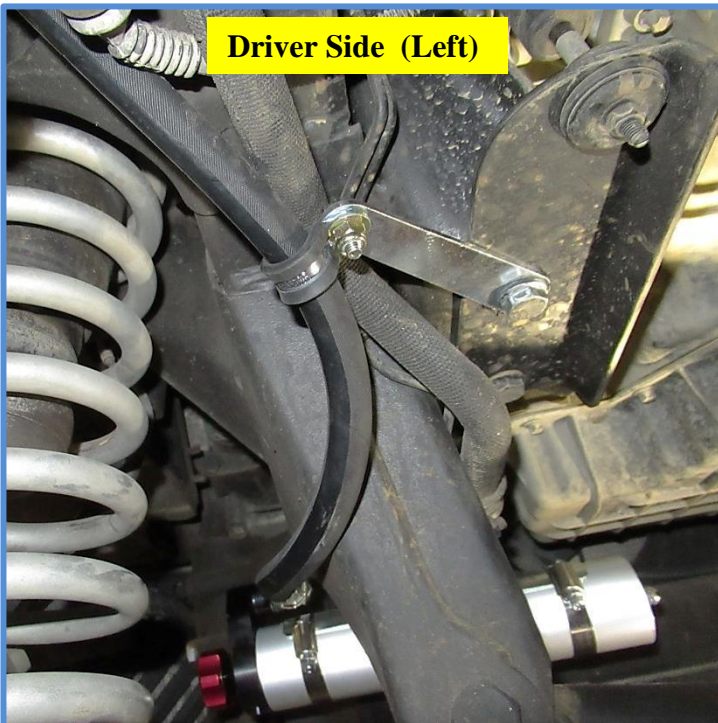
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11. Install the reservoir into the bracket and tighten the hose clamps until they are snug. *Do not overtighten. Clamp the hose into the Adel clamp on the end of the supplied bracket so the hose does not rub on the moving suspension parts.



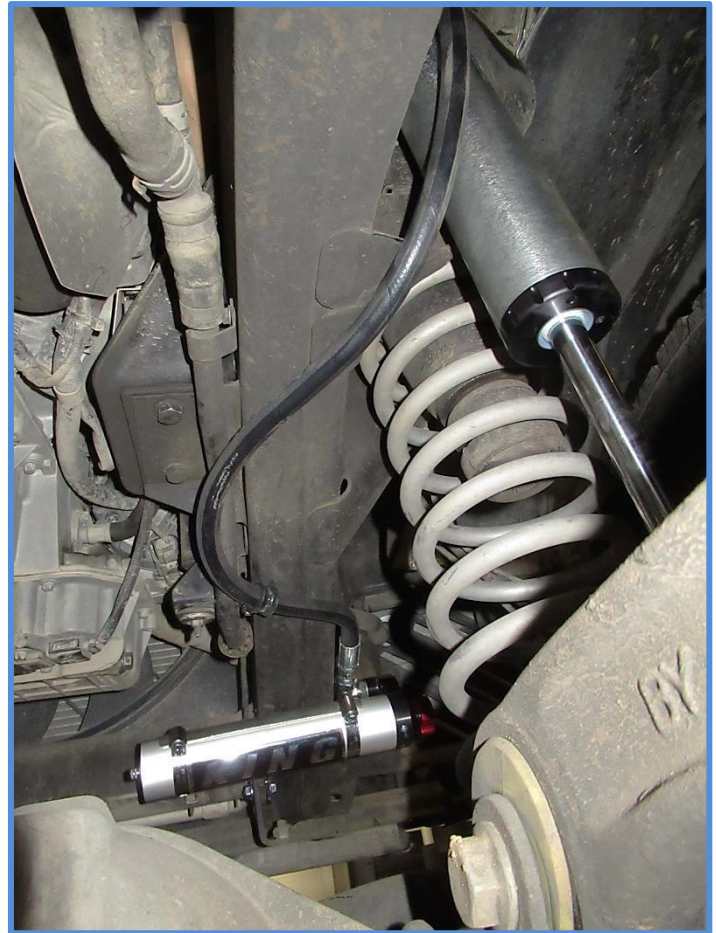
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DOUBLE CHECK ALL HARDWARE:

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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