

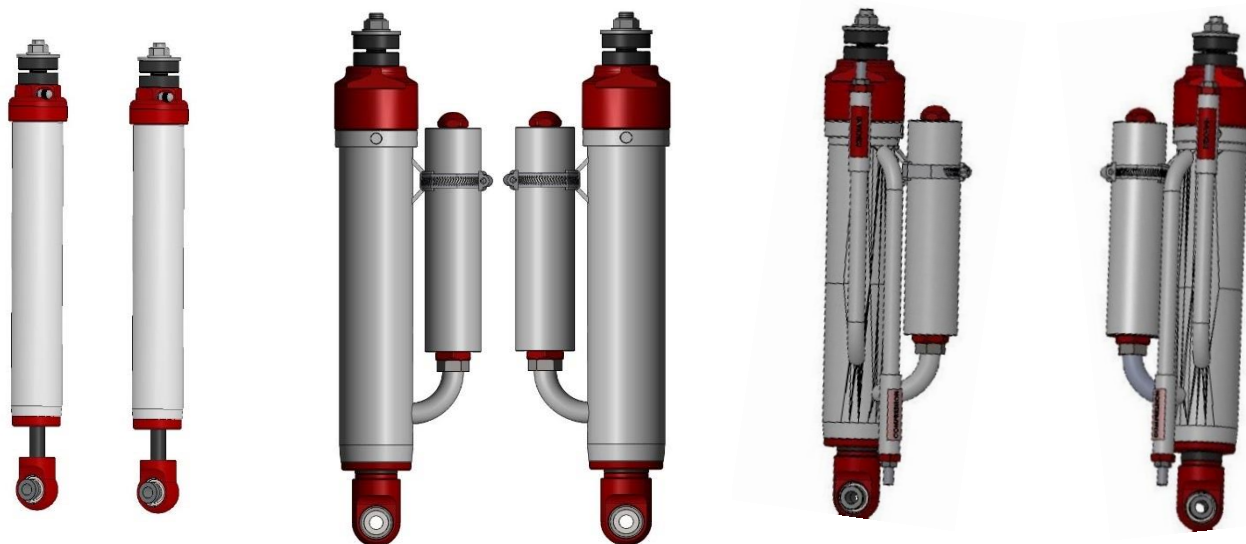


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2007-2017 Jeep Wrangler JK Front Shock Installation

Parts List:

-2 Sway-A-Way Shocks - IFP (Internal Floating Piston) Bypass, Piggyback reservoir, or Bypass



Driver Side

Passenger side

Tool List

- 3/4 socket
- 18mm wrench and socket
- 19mm socket
- Jack and jack stands
- Impact wrench (optional)
- Safety glasses

Removal and Installation Procedure for JK Front (Shocks are already charged with Nitrogen)

1. Park the vehicle on a level concrete surface where it is safe to work on your vehicle.
2. Lock and center the steering wheel.
3. Place blocks in front and behind the rear tires so as to keep the vehicle from moving forwards or backwards.



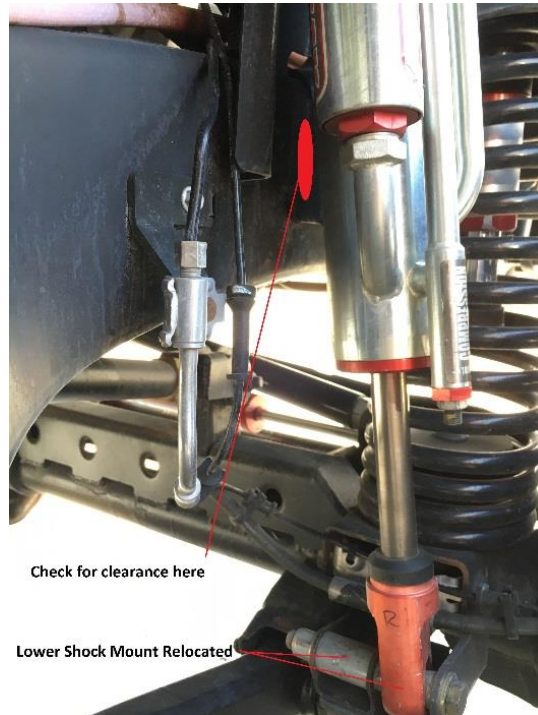
4. Jack the vehicle up under the front differential and place safely on jack stands under the front frame horns. Slightly raise the front end, only enough to take the weight off the shocks, and place another pair of jack stands under the front end on either side of the differential.
5. Use 19mm socket to remove lug nuts and wheels
6. Use 18mm to remove lower shock bolt.
7. Use $\frac{3}{4}$ socket to remove upper shock bolt and remove the old shock.



8. Remove the washer and top urethane spacer from the new shock's top cap stud. Insert stud into top mount hole. Replace the urethane spacer, then the washer, and thread the nut onto the stud using the $\frac{3}{4}$ socket.



9. Shocks equipped with piggyback reservoirs should be installed with the reservoir orientated towards the rear of the vehicle.
10. With the jack under the differential, adjust the front end height till the original bolt can pass through the lower mount and the rod end. Tighten using 18mm wrench and socket. Also tighten the top mount nut with the $\frac{3}{4}$ socket.



*****All lift kits have different geometry and some can cause a 2.5" shock to come in contact with the frame on the passenger side at full extension. It is recommended to use an adjustable track bar to compensate, or to use lower shock relocation brackets to move the lower mount closer to the wheel.***

11. Reinstall wheels and tighten lug nuts to factory spec.
12. Once the vehicle is lowered safely to the ground. Turn the front wheels fully left and fully right and visually check that there is clearance between the brake line and tire.