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2018+ Jeep Wrangler JL Rear Shock Installation

Parts List:

-2 RaceRunner Shocks – Internal Floating Piston (IFP)



Tool List

- 18mm wrench
- 18mm socket
- 22mm socket
- 10mm socket
- Jack and jack stands
- Impact wrench (optional)
- Safety glasses

Removal and Installation Procedure for JL Rear **(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. Place blocks in front and behind the front tires to keep the vehicle from moving forwards or backwards.
3. Jack the vehicle up underneath the rear differential and place safely on jack stands under the rear frame rails.
4. Use a 22mm socket to remove lug nuts and wheels.

*****Do not allow for the axle to hang freely without the shock installed*****

5. Starting on the driver's side, use a 10mm socket to remove the 3 screws holding the plastic cover in the fender well to access the rear upper shock bolt.
6. Slightly raise the rear axle enough to take the weight off the shock. Using an 18mm socket and 18mm wrench, remove the lower shock bolt & nut. Next, using an 18mm socket, remove the upper shock bolt and then remove the old shock.
7. Place the new shock with the Racetracker logo facing out. Place the OE bolt through the upper shock mount and tighten with the 18mm socket.
8. With the jack under the differential, adjust the rear axle height until the original bolt can pass through the lower mount and the rod end. Tighten the lower bolt/nut using an 18mm socket and wrench.
9. Use the 3 screws removed in Step #5 to re-install the plastic cover, and tighten using the 10mm socket.
10. Repeat Steps #5 through #9 for the passenger side shock.
11. Reinstall wheels and tighten lug nuts to the proper torque specs.

*****After driving 50-100 miles, re-torque the lug nuts*****

