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2018+ Jeep Wrangler JL Front Shock Installation

Parts List:

-2 RaceRunner Shocks – Internal Floating Piston (IFP)



Tool List

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

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

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



5. Slightly raise the front axle enough to take the weight off the shock. Starting with the driver's side, use an 18mm socket and 18mm wrench to remove the lower shock bolt & nut. Next, using an 18mm socket, remove the upper shock bolt and then remove the old shock.
6. Place the new shock with the Racerunner logo facing out. Place the OE bolt through the upper shock mount and tighten with the 18mm socket.
7. With the jack under the differential, adjust the front 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.
8. Repeat Steps #5 through #7 for the passenger side shock.

9. Reinstall wheels and tighten lug nuts to the proper torque specs.
10. Once the vehicle is lowered safely to the ground, turn the front wheels fully left and fully right and visually check both sides to ensure there is clearance between the brake line and tire.

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

