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2018+ Jeep Wrangler JL Front Spring Installation

Parts List:

-2 RaceRunner front springs



Tool List

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

Removal and Installation Procedure for JL Front

1. Park the vehicle on a level surface where it is safe to work.
2. Place blocks in front and behind the rear tires to keep the vehicle from moving.
3. Remove the lower track bar bolt.
4. Break the front lug nuts loose while the vehicle is sitting on the ground. DO NOT remove the lug nuts at this time.
5. Jack the vehicle up under the front differential. Place jack stand under the front frame rails. Lower the vehicle onto the jack stands.
6. Remove the lug nuts and then remove the wheels.
7. Remove the brake line mounts on the axle spring perches. **Do not disconnect brake lines.**
8. Disconnect the electrical plug connected to the front differential and anything that will stop the axle from lowering.
9. Disconnect the front lower sway bar links from the sway bar.
10. Place a floor jack under the front differential and jack up the front axle to take tension off the lower shock bolts.

Note: Do not allow the axle to hang freely without the shocks installed.

11. Remove the lower shock bolts. Lower the axle until the front springs are free from the upper spring perches and can easily be removed.
12. Remove the factory springs.
13. Remove the rubber spring isolators off the stock springs and reinstall them onto the supplied springs.

Note: Improper indexing of the spring will cause the vehicle to sit uneven.

14. Install the supplied springs onto the factory spring perches. Index the springs on the lower axle spring perches.
15. Using a floor jack, raise the front axle until you can reinstall the lower shock bolts on the axle and tighten.
16. Reinstall the lower sway bar links and tighten the bolts.
17. Reconnect the electrical plug going to the front differential and attach any electrical wires that were disconnected or removed.
18. Reinstall the brake line mounts on both sides of the vehicle.
19. Reinstall wheels and tighten lug nuts.
20. Jack the vehicle up and remove the jack stands. Lower the vehicle on to the ground.
21. Reinstall the lower track bar bolt and tighten.
22. Torque the lugs nuts to factory spec.

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