



# INSTALLATION INSTRUCTIONS

47 SERIES SHOCKS FOR 2.0"-3.0" & 3.5"-4.0" LIFT KITS - REAR  
2018-2024 JEEP WRANGLER JL\*



## ATTENTION!

Statements in these instructions that are preceded by the following words or symbols are of special significance:



This symbol means there is the possibility of injury to yourself or others.



This symbol means there is the possibility of damage to the vehicle.

NOTE:  
*Information of particular importance has been placed in italics.*

## IMPORTANT NOTICE

**Caution:** This shock is made for either a 2.0-3.0 inch lift or a 3.5--4.0 inch lift. Adequate suspension travel and spring pre-load must be checked.

Removing and replacing shock absorbers must be performed by a qualified mechanic according to steps outlined in a factory authorized professional service manual that relates to your particular make, model and year vehicle.

The vehicle must be securely lifted and supported during the removal and installation of the shock absorbers. Failure to do so can cause serious damage and/or injury.

Progressive Suspension Shock Absorbers are designed to work with the OEM(Original Equipment) mounts and mounting hardware in conjunction with most aftermarket suspension lift kits, provided the lift kit and shocks selected are of the same lift range. Ex, 2.0"-3.0"

## 2 YEAR LIMITED WARRANTY

Progressive Suspension warrants to the original purchaser this part to be free of manufacturing defects in materials and workmanship with a limited warranty for a period of two (2) years from date of purchase. In the event warranty service is required, you must call Progressive Suspension immediately with a description of the problem. If it is deemed necessary for Progressive Suspension to make an evaluation to determine whether the part is defective, a return authorization number will be given by Progressive Suspension. The parts must be packaged properly so as to not cause further damage and returned prepaid to Progressive Suspension with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem. If after the evaluation by Progressive Suspension the part was found to be defective it will be repaired or replaced at no cost to you. If we replace it, we may replace it with a reconditioned one of the same design. Progressive Suspension shall not be held liable for any consequential or incidental damages resulting from the failure of a Progressive Suspension part. Progressive Suspension shall have no obligation if a part becomes defective as a result of improper installation or abuse.



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CHANGING THE CHASSIS AND/OR SUSPENSION ON ANY VEHICLE WILL CHANGE THE HANDLING CHARACTERISTICS OF THAT VEHICLE. CARE SHOULD BE TAKEN WHEN OPERATING THE VEHICLE WITH SUCH MODIFICATIONS WHILE GETTING ACCUSTOMED TO THE NEW HANDLING CHARACTERISTICS.

### INSTALLATION

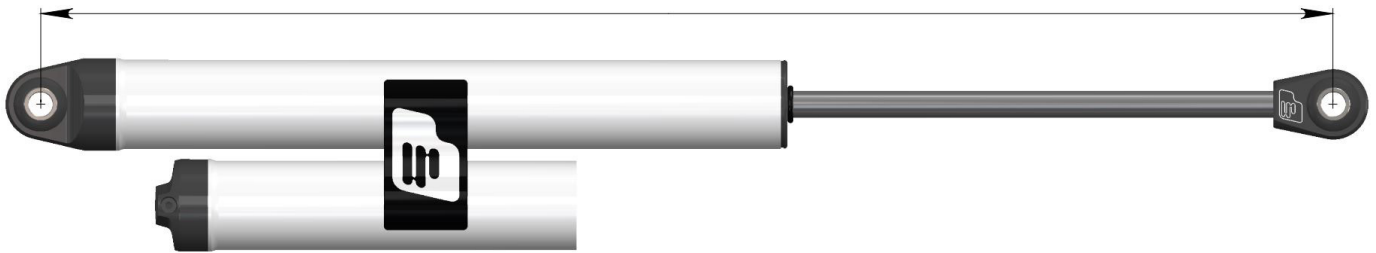
- Read all the instructions carefully before installing these shocks on your vehicle. Use your factory authorized service manual and the instructions provided by the manufacturer of your selected lift kit as references during installation.
- Lift the frame of the vehicle securely, support the rear axle, and remove the rear shock absorbers. Refer to your factory authorized service manual for the lift points and rear shock removal process.
- You MUST support the rear axle prior to removing the rear shocks!

#### Caution

- Adequate rear spring preload must be confirmed when the shock absorbers reach full extension. Referring to **Figure 1** below, Note the extended eye to eye measurement, lift the frame of the vehicle until the distance between the upper and lower shock mounting holes equals the measurement for your specific configuration as stated below. Check each spring to make sure there is enough preload to keep it fully secure at this measured mounting point distance.

**Figure 1**

Note: *Extended Eye to Eye Measurement is 29.4 inches for 2.0-3.0 inch lifts and 30.4 inches for 3.5-4.0 inch lifts.*



#### Caution

- Adequate full rear suspension travel must be checked to ensure the vehicle bottoms out on the rear bump stops before the shock reaches its metal to metal compressed length. Lower the frame of the vehicle (or raise the axle) until it bottoms and fully compresses the rear bump stops. Referring to **figure 2** below, ensure that the distance between the upper and lower shock mounting holes is greater than the values listed in the diagram below for your specific configuration.

**Figure 2**

Note: *Compressed Eye to Eye Measurement is 18.2 inches for 2.0-3.0 inch lifts and 19.0 inches for 3.5-4.0 inch lifts*



**PROGRESSIVE**  
suspension



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- We recommend applying thread locking compound (red loctite for example) to the reservoir clamp bolts before final tightening.
- Referring to **figures 3 & 4** below, position the reservoirs and hoses of each shock so that when installed, the hoses are toward the OUTSIDE of the vehicle and the reservoirs are BEHIND the shock bodies.
- (Optionally) Unbolt the reservoir brackets from the shock to allow the reservoir to be placed out of the way during top shock mount installation.
- Install the top of the shock into the upper mount of the vehicle. Be certain to have the reservoir hose pointing toward the OUTSIDE of the vehicle
- Point the bottom of the shock towards the lower mount. Cut and remove the packaging strap allowing the shock to extend on its own toward the bottom mount. *BEING CAREFUL TO NOT ALLOW ANY PART OF YOUR BODY TO BECOME PINCHED BY THE EXTENDING SHOCK.* Install the bottom of the shock into the lower mount of the vehicle.
- Torque the upper and lower mounting bolts to the torque spec outlined in your factory authorized service manual.
- Reinstall the reservoir brackets (if removed per Option above) and referring to **figures 3 & 4** below, position the reservoirs and hoses of each shock so that when installed, the hoses are toward the OUTSIDE of the vehicle and the reservoirs are BEHIND the shock bodies.
- *No part of the shocks (other than the mounts), reservoirs or hoses should come into contact with any part on the vehicle during full suspension movement.*
- With recommended thread locking compound applied to the reservoir clamp bolts - tighten both alternately to a final torque of 75 in/lbs

### TECHNICAL INFO

Our technical staff will assist you if you have any problems or questions. Call (714) 523-8700 from 8am to 4pm PST.

Figure 3



Figure 4

