



# FALCON SHOCKS

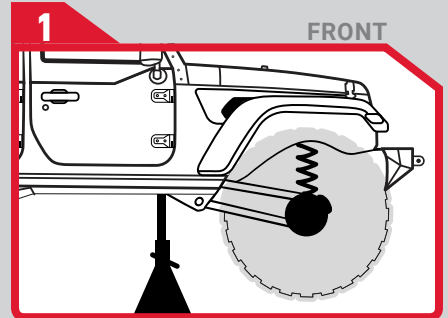
## JEEP JT GLADIATOR LONG TRAVEL PIGGYBACK

## QUICK START GUIDE

Every aspect of vehicle dynamics must be considered in developing a properly engineered suspension system to ensure predictable handling and a smooth ride. This includes correct suspension geometry as well as properly matching the shock's compression and rebound to the spring rate.

Falcon Shocks went back to the drawing board to engineer brand-new shock absorber systems that are properly matched to the factory spring rate resulting in a sportier ride with better control and handling without sacrificing ride quality. Our in-house engineering experts have invested hundreds of hours in dyno verified – as well as real world on and off-road driving – shock tuning to deliver optimal results. Results that can be felt in a “seat-of-the-pants” drive.

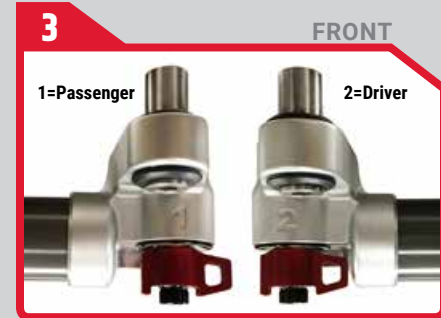
All Falcon Shocks are designed, engineered, and built with state-of-the-art methods including CAD designs, finite element analysis (FEA), in-house lab simulation, and real-world street and trail testing.



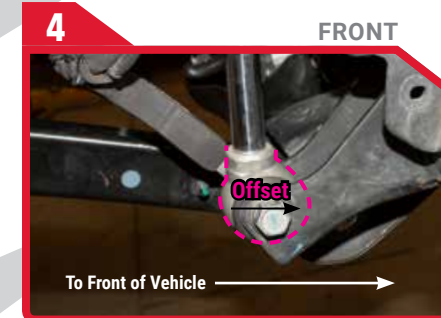
- 1** FRONT
- INSTALL PREP:**
- Remove the front shocks (refer to the factory service manual)
  - Removal of the tire is optional.



- 2** FRONT
- Trim the fender liner using the provided template.




- 3** FRONT
- Install front shocks with shaft down
    - Shock #1= passenger side
    - Shock #2 = driver side
  - Torque upper bolt to 56 ft. lbs.

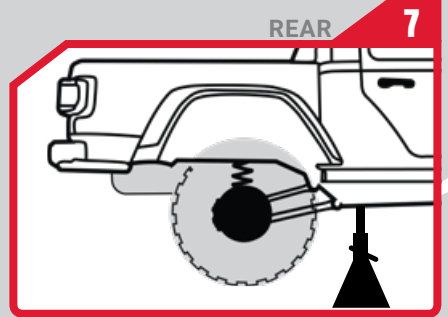


- 4** FRONT
- Orient eyelet with the offset facing toward the axle for maximum shock body to spring pad clearance
  - Torque lower bolt to 56 ft. lb.

**NOTES**



RED LINE FULL SYNTHETIC OIL HAS A HIGH VISCOSITY INDEX OF 540 FOR SUPERIOR ALL-WEATHER PERFORMANCE.



- 7** REAR
- INSTALL PREP:**
- Remove the rear shocks (refer to the factory service manual)
  - Removal of the tire is optional.



- 8** REAR
- Install roost guards onto rear shock eyelets using provided hardware
  - Apply thread locker to roost guard bolts and torque to 30 in. lbs.



- 9** REAR
- Install rear shocks with shaft down
    - Shock #1= driver side
    - Shock #2 = passenger side



- 10** REAR
- Torque upper bolt to 100 ft. lbs.



HAND WASH WITH SOAP AND WATER FOR CLEANING. DO NOT CLEAN WITH ACIDS.



- 11** REAR
- Rotate the shaft so the Falcon logo on the roost guard faces forward.



- 12** REAR
- Install the lower end using the factory hardware and torque to 100 ft. lbs.

**NOTES**

- JT Gladiator Long Travel Falcon Shocks allow increased rear travel for lift kits exceeding 2.5”.
- Additional long travel driveline/suspension components and longer brake lines are **REQUIRED** to safely install these shocks.



3 YEAR WARRANTY TO BE FREE OF DEFECTS AND WORKMANSHIP. REPAIR OR REPLACE AT NO COST.