



FALCON SHOCKS

TJ WRANGLER *SERIES 3*

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
Remove existing shocks (refer to factory service manual).



2 FRONT
Install Prep:
Install roost guard, then flat bottom washer, and bushing onto Falcon shocks as shown.



3 FRONT
Install shock with roost guard facing outward.
Install bushing then curved washer on top of shock bracket. Torque top nut to 15 ft-lb.



4 FRONT
Install and torque lower bar pin bolts to 20 ft-lb.



5 REAR
Loosely install one upper bar pin bolt.

Slide the shock's slotted end onto the bolt.

Loosely install second upper bar pin bolt.



6 REAR
Install the shock's lower eyelet into shock bracket.

Install original hardware and torque to 75 ft-lb.

Reservoir towards tire.



7 REAR
Torque upper bar pin bolts to 25 ft-lb.

NOTES



Red Line full synthetic oil has a high viscosity index of 540 for superior all-weather performance.



Hand wash with soap and water for cleaning. Do NOT clean with acids.



3 year warranty to be free of defects and workmanship. Repair or replace at no cost.