



# FALCON SHOCKS

## FORD SUPER DUTY F-250

### SPORT SHOCK SYSTEM

## QUICK START GUIDE

Compatible only with 4WD vehicles

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.

**SP2 Mode Adjust** give the choice of setting the Falcon Shocks base tuning to **PERFORMANCE** or **SOFT/COLD**. This choice is made during installation but can be changed later if so desired.

The shocks feature an internal bypass valve that is adjusted by rotating the shaft only when the shock is fully extended.

For more information regarding Falcon Shocks installation view the Video Installation Guide found on:

<https://www.falconshocks.com/videos>



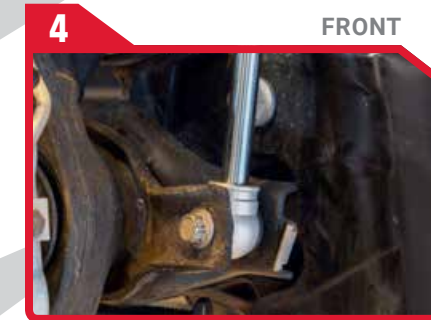
- Remove the front shock.



- Install the top of the Front Shock using the provided bushing and hardware.
- Torque to 40 ft. lbs.



- Rotate the shock shaft 360° with the shaft fully extended to set the mode
- Clockwise = PERFORMANCE**  
**Counterclockwise = SOFT**



- Install the lower eyelet using the factory hardware.
- Torque to 111 ft. lbs.



- Remove the rear shocks.



- Install the rear Falcon Shock onto the upper post mount.
- Lubricate the bushing before sliding it onto the post.
- Use the factory hardware and torque to 52 ft. lbs.



- Rotate the shock shaft 360° with the shaft fully extended to set the mode
  - The Roost Guard faces away from the axle.
- Clockwise = PERFORMANCE**  
**Counterclockwise = SOFT**



- Install the lower eyelet using the factory hardware.
- Torque to 66 ft. lbs.

**NOTES**

An adjustable front track bar or a front track bar relocation bracket is required if a front leveling kit is installed with these Falcon Shocks. Centering the axle is necessary for the front shocks to have proper clearance.

**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.**