

FISHBONE  
OFFROAD



## INSTALLATION INSTRUCTIONS

**PART No.**

**FB47163**

**Jeep® TJ or XJ**

**1.75" Front (TJ and XJ) or Rear (TJ Only) Coil Spacer**



**\*\*\*\*\*THIS INSTALL SHOULD BE DONE BY A PROFESSIONAL\*\*\*\*\***  
**\*\*\*\*\*YOUR VEHICLE WILL REQUIRE AN ALIGNMENT AFTER INSTALL\*\*\*\*\***

### REQUIRED TOOLS

Jack  
Jack Stands  
Sockets  
Ratchet  
Torque Wrench  
Wrenches  
Locking Pliers  
C-Clamp  
Tie Rod, Ball Joint Puller

### KIT CONTAINS

Coil Spring Spacer

### QTY

2



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## **BEFORE INSTALLATION:**

Check all part and hardware to make sure you have a complete kit.

Inspect all steering and suspension parts before installing your kit. Worn or damaged parts could fail after install of your kit. Replace or repair any worn or damaged parts.

## **INSTALLATION:**

- 1) On a smooth, flat, and hard surface. Block your tires and set the emergency brake.
- 2) Jack your vehicle up and set on jack stands.
- 3) Remove your front or rear tires and wheels. Depending on where you are installing the spacers.
- 4) Using a jack support the axle on the side of the Jeep you are working on.
- 5) Remove the shock, unbolt the sway bar end link from both sides of the vehicle, remove the tie rod end nut and remove the tie rod end from the knuckle. Remove coil spring retaining clips.
- 6) Slowly release the jack until the axle drops enough to remove the coil spring. (You might need to unbolt the track bar from the axle to get enough drop).
- 7) Remove the bump stop and bump stop bracket.
- 8) Remove the factory spring isolator to do a 1" lift. Leave the factory spring isolator in if you are doing a 1.75" lift and install the Fishbone spring spacer.
- 9) Reinstall bump stop bracket and bump stop.
- 10) With the coil spring installed in the spring pocket slowly raise the axle with your jack.
- 11) Once the axle is raised enough reattach the tie rod end, reinstall front shock, and spring retaining clip. (Reinstall track bar into the axle mount if previously removed).
- 12) Repeat on the opposite side.
- 13) Reinstall the sway bar end links once both sides are complete.
- 14) Install tires and wheels.
- 15) Set vehicle back on the ground.
- 16) Make sure to tighten all bolts to factory torque specifications. Re-torque all bolts after 500 miles.

## **WARNING!!!**

This vehicle now has modified suspension. The steering, braking and handling will be different than an unmodified vehicle. Avoid driving conditions that could cause loss of control. You must drive your vehicle carefully! If larger tires are installed your speedometer will read lower than the vehicles actual speed.

**ENJOY YOUR FISHBONE OFFROAD COIL SPRING SPACERS!!!**