



**2007-2015 Jeep Wrangler JK 2.5" Crown  
Suspension Spacer Kit**



# FRONT SUSPENSION

## 1.

A. Raise Jeep and support the frame using jack stands or a hoist, such that the front axle can be lowered enough to remove the springs. Support the axle by placing floor jack under the center of the axle. Remove the wheels.

B. Loosen but DO NOT remove all 8 control arm bolts.

C. Loosen but DO NOT remove the frame-side track bar bolt. Remove and save the axle-side track bar bolt and flag nut.

## 2.

Note: On Rubicon models, remove the push pins holding the speed sensor wiring to the frame and upper control arm.

A. Remove anti-sway bar link lower attachment at axle and save hardware.

B. Remove shocks and save all shock mounting hardware.

C. Lower axle and remove springs.

D. For 2011 or newer models remove and discard factory bracket from the brake line.



## 3.

A. Drill a 3/8 inch hole in the center of the axle bump stop pad.

B. Place bump stop spacer inside springs.

C. Install Front Springs, keeping factory isolator in place. Make sure to properly index the springs on the lower spring seat.

D. Install and tighten supplied bump stop spacer hardware.

#### **4.**

A. Install new sway bar end link brackets and tighten to 80 ft lbs. Reinstall end link to bracket and tighten to 75 ft. lbs. NOTE: Right Hand Drive systems include replacement end links NOT brackets. Install the supplied end links.

B. Install shock extension brackets using supplied hardware.

C. Reinstall factory lower shock hardware.

D. For 2007-2010 model year JK's, install the front brake line drop brackets

#### **5.**

For 2011 and newer models, use supplied zip ties to secure the brake line to the shock

## **REAR SUSPENSION**

#### **6.**

A. Raise Jeep and support the frame using jack stands or a hoist, such that the rear axle can be lowered enough to remove the springs. Support the axle by placing floor jack under the center of the axle. Remove the wheels.

B. Loosen but DO NOT remove all 8 control arm bolts.

C. Loosen but DO NOT remove Track Bar hardware.

#### **7.**

A. Remove the bolts that hold the brake lines to the frame.

B. Remove the shocks.

C. Remove the lower bolt for each sway bar end links.

#### **8.**

Carefully lower the axle using the floor jack enough to remove the springs. DO NOT overextend the wheel speed sensor or locker wiring.



## 9.

- A. Re-install Crown springs and isolators.
- B. Install new Bump Stop Spacers on axle using the supplied hardware. DO NOT reverse the orientation.
- C. Install the supplied upper shock spacers, washers and bolts. Tighten to 37 ft. lbs.

## 10.

- A. Raise axle slowly and guide springs into position.
- B. Reinstall lower sway bar link bolt and tighten to 60 ft. lbs.
- C. Reinstall lower shock nut and bolt then tighten to 56 ft. lbs.
- D. Reinstall brake line bolt
- E. Reinstall wheels and tighten to 105 ft. lbs.

Reinstall wheels and tighten lug nuts, working in a “star pattern.” Place Jeep on level ground. Reconnect the drive shaft making sure to properly align your marks. Reconnect the track bar at the axle side using the hardware saved from disassembly. Tighten all fasteners, front and rear, to factory specifications