



## INSTALLATION INSTRUCTIONS

**34864**

**07-18 Wrangler Rubicon (JK) 4 Door 2.5" Front/2" Rear**

**Thank You for selecting a BELLTECH PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation.**

**Note:** Confirm that all hardware listed in the parts list is in the kit. Do not begin installation if any part is missing. Read the instructions thoroughly before beginning this installation.

**Warning:** **DO NOT** work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

**Warning:** **DO NOT** drive vehicle until all work has been completed and checked. Torque all hardware to values specified.

**Warning:** Be aware that the vehicle can handle substantially different than the Manufacturers Original Design now that it has been modified.

**Reminder:** Proper use of safety equipment and eye/face/hand protection is necessary when using the recommended tools to perform procedures!

**Note:** It is very helpful to have an assistant available during installation.

### **RECOMMENDED TOOLS:**

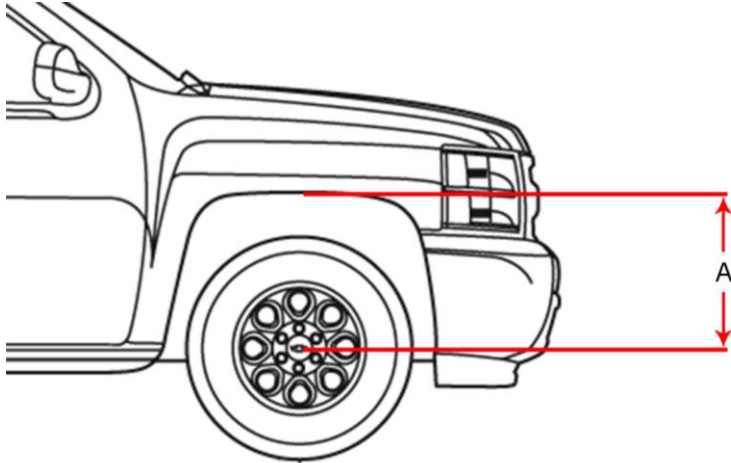
- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench set
- Ratcheting socket wrench and socket set
- Safety Glasses
- Torque wrench

### **PREPARING FOR INSTALLATION:**

- Open the hardware kit and remove contents. Refer to the part list to verify parts are present
- Park the vehicle on a smooth, level hard surface such as concrete and activate the parking brake.
- Block the REAR wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1st gear (manual) or "Park" (automatic).

## VEHICLE HEIGHT:

Measure the current vehicle height NOW using the "Wheel Center to Fender" method shown in Diagram below and record the numbers in the space below:



Driver Side: \_\_\_\_\_“

Passenger Side: \_\_\_\_\_“

## KIT INSTALLATION

- Remove the front wheels.
- Unbolt the Brake line from the Frame, Remove the lower shock bolt and Sway bar. Now you can lower front axle and remove the Coil Spring and Isolator.
- Rear Suspension.
- Support the rear axle, unbolt the rear shocks at the axle, unbolt the Sway bar end links and the axle and rear Brake line from the frame. Now unbolt the trac bar from the rear axle. Lower the axle and remove the rear Coils.
- Install the Belltech front coil Spacer with nut and provided Bolt, install factory rubber isolator.
- Reconnect Sway bar, Brake line and Shock.
- Rear Suspension.
- Install the rear Coil Spacer and bolt into place using the provided hardware. Install the factory isolator onto the coil and install the coil. Now you are ready to reattach rear Sway bar, Brake line and Trac bar bracket.
- Repeat for the other side of the vehicle.

## KIT INSTALLATION CONTINUED

- Bolt on Wheels and Tires.
- All hardware being fastened to the vehicle's original fastening points should be torqued to the proper specifications. To prevent chassis damage, never over-torque the hardware.
- Check that all components and fasteners have been properly installed, tightened and torqued.
- Once vehicle is on ground check the height of the front, side to side.
- Installation is complete. Check all hardware and re-torque at intervals for the first 10, 100, 1000 miles.
- After installing the new components, a wheel alignment should be performed according to manufacturer specifications.

### PARTS LIST FOR 34864 KIT

<b>PART No.</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
34864	Coil Spacer	2
	12mm Split Washer	2
	10mm Nyloc Nut	2
34864F	Coil Spacer	2
	70mm Bolt 12mm	2
	32mm Bolt 10mm x 1.25	2
	10mm Flat Washer	4