



## Jeep TJ Front Frame Coil and Shock Tower Installation Instructions

Thank you for purchasing our coil and shock towers!

### Installation Notes:

- This kit is designed to replace the OEM front frame coil and shock tower on 1997-2006 Jeep Wrangler TJ and LJ models.
- Installation of this kit will require cutting, welding, and general metal fabrication skills. This kit should only be installed by properly trained personnel.

### Tools required:

- Welding machine with the capability to weld at least 3/16" thick steel.
- Cutting tool for the removal of the OEM brackets.
- Grinder for smoothing welds and removing paint for welding.
- Tape measure.
- Angle finder.

## Contents of kit

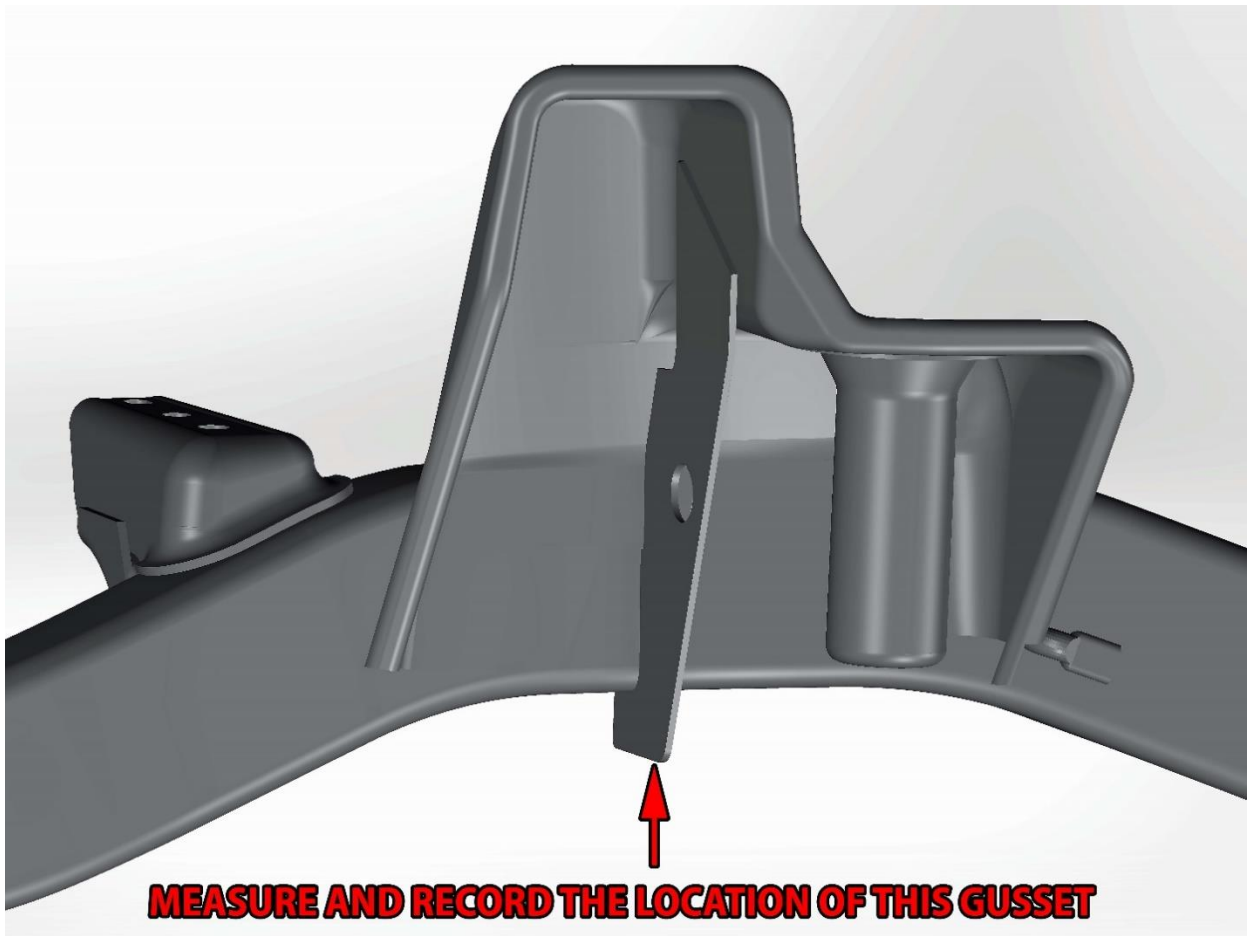
Bill Of Materials For B4WK12760			
QTY	Part Number	Etch Number	Description
1	B4W188908	908 B	TJ Frame Front Shock Tower R
1	B4W188909	909 B	TJ Frame Front Coil Tower R
1	B4W188910	910	TJ Front Frame Coil Tower Gusset R
2	B4W188529	529	TJ Front Coil Spring Locator 1
2	B4W188530	530	TJ Front Coil Spring Locator 2
2	B4W188531	531	TJ Front Coil Cap
2	.100CNFH0P/934	NA	M10-1.5 Hex Nut DIN 934 Plain (No Coating)
2	.100C350BHF0Y/6921	NA	M10-1.5 x 35mm Hex Flange Bolt Yellow Zinc DIN 6921
1	B4W188911	911 B	TJ Front Frame Shock Tower L
1	B4W188912	912 B	TJ Front Frame Coil Tower L
1	B4W188913	913	TJ Front Frame Coil Tower Gusset L

## Step1:

Remove the coil springs and shocks from the front of the vehicle. Remove the front bumpstops and cups that retain them. Do not discard the bumpstops, bumpstop cups and coil spring isolator, they will be reused later. While not required the front fenders may be removed to gain easier access for cutting and welding in later steps.

## Step 2:

Carefully measure the location of the gusset that attaches to the side and bottom of the frame on both sides of the vehicle, record and retain this measurement as a guide for installing the new brackets. Remove the factory brackets from the frame, grind the area smooth, and remove any paint to prepare the area for the new brackets.



### Step 3:

Interlock the shock tower, coil tower, and the coil tower gusset on the frame placing the leg of the coil tower in the same location that the OEM gusset was and level. Due to variations in the shape of the frame in this area a slight amount of grinding on the new brackets may be required to obtain satisfactory gaps for welding. Once all components are fitted to satisfaction, tack weld all parts to each other but not to the frame. Repeat this step for both sides of the frame.

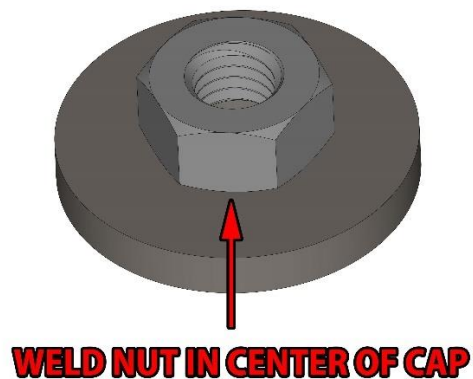


### Step 4:

Remove the bracket assemblies from the frame and finish weld all components together.

### Step 5:

Install the provided nuts in the center of the front coil caps and weld in place.



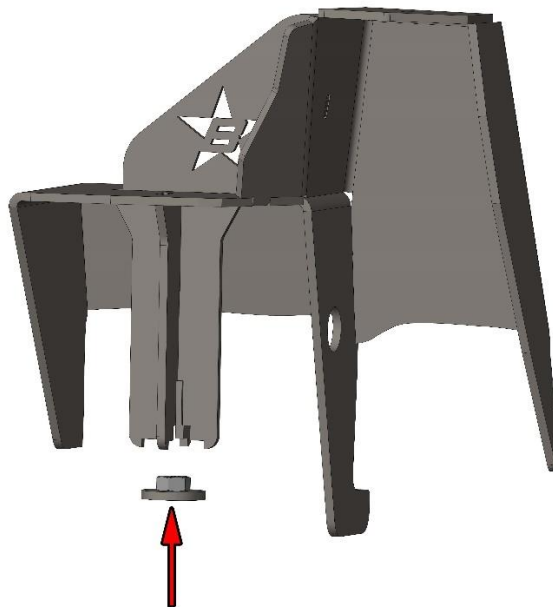
### Step 6:

Interlock the front coil spring locator 1 and front coil spring locator 2 and install in the slots on the coil tower and weld in place.



### Step 7:

Place the nut and cap assembly from step 5 into the center of the coil spring locator and weld in place.



### **Step 8:**

Place the welded assemblies back onto the frame in the correct locations and weld in place to the frame. Paint any bare surfaces to prevent rust.

### **Step 9:**

Install the bumpstop cups and bumpstops with the provided bolt.

### **Step 10:**

Reinstall any components removed during the installation including the coil spring isolators.

Congratulations the installation is complete.

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