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# 07-10 Jeep Wrangler JK 4WD 2"- 2.5" Lowering Kit Installation Instructions

### REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Sockets & Wrenches
- Floor Jack
- Jack Stands
- Measuring Tape
- Torque Wrench



Before beginning the installation, thoroughly & completely read these instructions & the enclosed driver's WARNING NOTICE. Affix the WARNING decal in the passenger compartment in clear view of all occupants. Please refer to the Parts List to insure that all parts & hardware are received prior to the disassembly of the vehicle. If any parts are found to be missing, contact SKYJACKER® Customer Service at 318-388-0816 to obtain the needed items. If you have any questions or reservations about installing this lift kit, call SKYJACKER® Technical Assistance at 318-388-0816.

Make sure you park the vehicle on a level concrete or asphalt surface. Many times a vehicle is not level (side-to-side) from the factory & is usually not noticed until a lowering kit has been installed, which makes the difference more visible. Using a measuring tape, measure the front & rear (both sides) from the ground up to the center of the fender opening above the axle. Record this information below for future reference.

Driver Side Front: \_\_\_\_\_ Passenger Side Front: \_\_\_\_\_

Driver Side Rear: \_\_\_\_\_ Passenger Side Rear: \_\_\_\_\_

### IMPORTANT NOTES:

- After installation a qualified alignment facility is required to align the vehicle to OEM specifications.

## Kit Box Breakdown:

### Part #: LOWJK024

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>QTY</u>
JK015FS	JK FRT LOWERING COIL-SINGLE	2
JK025RS	JK REAR LOWERING COIL-SINGL	2
WD1	WARNING DECAL	1
I-LOWJK	INST SHEET: LOWJK024	1

## **Front Installation:**

1. Park the vehicle on flat, level ground, set the emergency brake, & block the rear tires / wheels.
2. Raise the front of the vehicle & support the frame rails & differential using jack stands.
3. Remove the front tires / wheels & disconnect the front sway bar end links using a 18mm socket.
4. Disconnect the front track bar using a 21mm socket. (See Photo # 1)
5. Disconnect the front shocks using a 18mm socket.
6. Lower the differential & remove the front coil springs. (See Photo # 2)
7. Install the new Skyjacker front coil springs & let the weight of the frame down on to the new coil springs.
8. Reconnect the front sway bar end links, front track bar, & install the new Skyjacker front shocks using the supplied & OEM hardware. (See Photo # 3)
9. Install the front tires / wheels & lower the vehicle to the ground.



## **Rear Installation:**

1. Block the front tires / wheels.
2. Raise the rear of the vehicle & support the frame rails & differential using jack stands.
3. Remove the rear tires / wheels & disconnect the rear sway bar end links using a 18mm socket.
4. Disconnect the rear track bar using a 21mm socket. (See Photo # 4)
5. Disconnect the rear shocks using a 16mm socket & disconnect the ABS line & brake line from the frame. (See Photo # 5)
6. Lower the differential & remove the rear coil springs.



7. Install the new Skyjacker rear coil springs & let the weight of the frame down on to the new coil springs. (See Photo # 6)
8. Reconnect the rear sway bar end links, rear track bar, & install the new Skyjacker rear shocks using the supplied & OEM hardware. (See Photo # 7)
9. Install the rear tires / wheels & lower the vehicle to the ground.

**FINAL NOTES:**

- After the installation is complete, double check that all nuts & bolts are tight. Refer to the following chart below for the proper torque specifications. (Do not retighten the nuts & bolts where thread lock compound was used.)
- With the vehicle placed on the ground, cycle the steering lock to lock & inspect the steering, suspension, brake lines, front & rear drivelines, fuel lines, & wiring harnesses for proper operation, tightness, & adequate clearance.
- Have the headlights readjusted to the proper settings.
- Have a qualified alignment center realign the vehicle to the OEM specifications.
- Retorque all the bolts after the first 100 miles.



**Photo # 6**



**Photo # 7**

<b><u>TORQUE SPECIFICATIONS</u></b>					
<b><u>INCH SYSTEM</u></b>			<b><u>METRIC SYSTEM</u></b>		
<b>Bolt Size</b>	<b>Grade 5</b>	<b>Grade 8</b>	<b>Bolt Size</b>	<b>Class 8.8</b>	<b>Class 10.9</b>
5/16	15 FT LB	20 FT LB	6MM	5 FT LB	9 FT LB
3/8	30 FT LB	35 FT LB	8MM	18 FT LB	23 FT LB
7/16	45 FT LB	60 FT LB	10MM	32 FT LB	45 FT LB
1/2	65 FT LB	90 FT LB	12MM	55 FT LB	75 FT LB
9/16	95 FT LB	130 FTLB	14MM	85 FT LB	120 FT LB
5/8	135 FT LB	175 FT LB	16MM	130 FT LB	165 FT LB
3/4	185 FT LB	280 FT LB	18MM	170 FT LB	240 FT LB

- The above specifications are not to be used when the bolt is being installed with a bushing.

**Seat Belts Save Lives, Please Wear Your Seat Belt.**