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**

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

ITEM#	DESCRIPTION	QTY
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.


Photo # 1


Photo # 2


Photo # 3

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.


Photo # 4


Photo # 5

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.


Photo # 6

Photo # 7

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.

TORQUE SPECIFICATIONS

INCH SYSTEM			METRIC SYSTEM		
Bolt Size	**Grade 5**	**Grade 8**	**Bolt Size**	**Class 8.8**	**Class 10.9**
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.