



## Jeep KJ Liberty 2002-2006 Front Coil Spring Spacers



<b>Bill of Materials 2 ½"</b>		
Part No.	Description	Qty
M03323	Coil Spacer Ft	2
M03441	Stem Cushions	4
S10578	Left Mount plate	1
S10579	Right Mount plate	1
S10138	Washer (for boots)	2
M00313	Boot	2
P01055	Cable tie	2
<b>Bill of Materials 1½"</b>		
M03365	Coil Spacer Ft*	2

Note: The 2 ½" lift is not for 2002 and CRD models

\*Does not include Strut Mounting Plate

**NOTE: SEE WARNING AT BOTTOM OF PAGE.**

**DO NOT COMBINE WITH ANY OTHER SUSPENSION KIT**

**IMPORTANT NOTE:** The advertised amount of lift that this kit provides and the thickness of the spacers supplied will not be the same! For example, a 2-1/2" lift may only have 1-1/2" thick spacers. The reason for the difference between the spacer thickness and the amount of lift has to do with suspension geometry. There is a ratio involved, and it is this ratio that determines the thickness of the spacers. Rest assured, installing the spacer supplied will result in the proper amount of lift out at the wheel.

**NOTE: This kit should be installed by a professional mechanic.**

1. Read all instructions and check Bill of Materials before beginning.
2. Disconnect the negative battery cable. Raise the front of vehicle and support with jack stands behind the lower control arms so that the front tires are off of the ground. Remove the front wheels.
3. Remove the upper ball joint nut and separate the upper ball joint with a Ball Joint Separator, Powerbuilt Part No. 648468 or equivalent. Be careful not too damage the ball joint dust boot. Figure 1.
4. Disconnect the lower strut fork at the lower control arm and at the lower portion of the strut assembly. Figure 1.
5. Remove the air box on the passenger's side by removing the hose clamp on the intake and lifting it up and out. Remove the upper 4 strut tower nuts from inside the engine compartment on both sides. (Label the struts as to Left and Right so that they are reinstalled on the same side in which they were removed)
6. Separate the strut fork from the strut assembly and remove the strut assembly from the vehicle.
7. Compress the coil spring with a coil spring compressor, Branick Industries Inc. Model No. 7200 or equivalent and remove the upper strut nut, washer and mounting plate, remove the strut from the spring. Remove the strut dust cover by cutting it off the lower stem cushion washer. Remove the lower stem cushion washer. It may take a hammer to loosen it up. Figure 3.
8. Remove the lower coil spring isolator from the strut and insert the coil spring spacer. (Make sure that the coil spring spacer seats into the strut groove indentation) Figure 3.



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9. When reassembling the strut assembly make sure that the coil spring sits correctly into the coil spring spacer. Figure 3.
10. Remove upper strut plate studs using a shop press. Install the factory studs into the new strut mounting plate with the studs facing in the upward position. Reinstall the upper strut isolator onto the new mount. Figure 2.
11. Po5are onto R7 t