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By installing our product, you agree to the above terms.

2011 – 2015 & 2016 - 2020 Jeep Grand Cherokee Coil Spring Installation Instructions

Note: Please use factory torque specifications for the installation of all components listed below. It is your responsibility to ensure that the fasteners are torqued correctly.

Open the hood and locate the fuse panel. Locate the Air Compressor (40amp) fuse using the guide on the back of the fuse box lid. Remove this fuse to prevent the air compressor from running. Safely suspend the Jeep on the frame at all four corners, allowing the suspension to hang freely with the wheels removed.

REAR: The procedure is the same for both rear left and rear right. Remove the air lines at both rear airbags. Remove lower shock bolt and both upper shock bolts. You do not need to remove the fender liner, the upper bolts can be accessed with an extension. Disconnect and remove the bolts for the toe link and the camber link (at the knuckle, see image below).



You will now have enough clearance to remove the airbag. Remove the sway bar end link from the lower control arm and swing it aside. A new rear shock is provided, however the bellows will need to be removed from the old rear shock and assembled with the new rear shock and mount. Remove the ride height sensor link by popping the ball joint off of one end. The new rear spring can now be installed on the vehicle with the appropriate OEM spring isolators installed on the top. Set the lower spring isolator in place on the lower control arm and orient the coil spring accordingly as you install. You will likely need a coil spring compressor to slightly compress the coil spring as you install it. After installing the coil spring, use a jack to apply pressure to the lower control arm. Assemble the rear shock and install the upper mount/shock onto the vehicle. Use a jack to control the height of the



knuckle so that you can reconnect the lower shock bolt and sway bar end link. Reconnect the ride height sensor. Reconnect the toe link, the camber link, and tighten all bolts per manufacturer specifications. Remove the spring compressor, if used. Repeat this procedure for the other side.

FRONT: Remove front air lines. Remove brake caliper and ABS speed sensor, carefully hanging both at the back of the wheel well using mechanics wire. Remove front upper strut mount bolts and lower strut mount bolts. Remove sway bar end link from lower control arm. Remove tie rod end nut and separate the tie rod end from the knuckle. Remove CV shaft retaining nut. Remove upper ball joint nut and separate the ball joint from the knuckle. Remove CV shaft from knuckle and set off to the side. The CV shaft will need to be removed from the differential in order to gain clearance to remove the air strut and install the coil spring strut. This can be done by using a CV puller to remove the CV



from the differential. Keep the CV washer and make sure to place it back onto the CV before reinstallation. Remove the air strut and replace with the coil spring strut. Reinstall components in reverse order following manufacturer torque specifications.

Reinstall tires and torque wheels to manufacturer specifications.

You may leave all other fuses in place and programming is not required. There will be a warning message when the vehicle is first started which will go away after a few seconds.