



## INSTALLATION INSTRUCTIONS

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**34920**

**STRUT SPACERS Dodge Ram 2013 – 2018 1500 4WD 2.5" Lift**

**Thank You for selecting a BELLTECH PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation.**

**Note:** Confirm that all hardware listed in the parts list is in the kit. **Do not** begin installation if any part is missing. Read the instructions thoroughly before beginning this installation.

**Warning:** **DO NOT** work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

**Warning:** **DO NOT** drive vehicle until all work has been completed and checked. Torque all hardware to values specified.

**Warning:** Be aware that the vehicle can handle substantially different than the Manufacturers Original Design now that it has been modified.

**Reminder:** Proper use of safety equipment and eye/face/hand protection is necessary when using the recommended tools to perform procedures!

**Note:** It is very helpful to have an assistant available during installation.

### **RECOMMENDED TOOLS:**

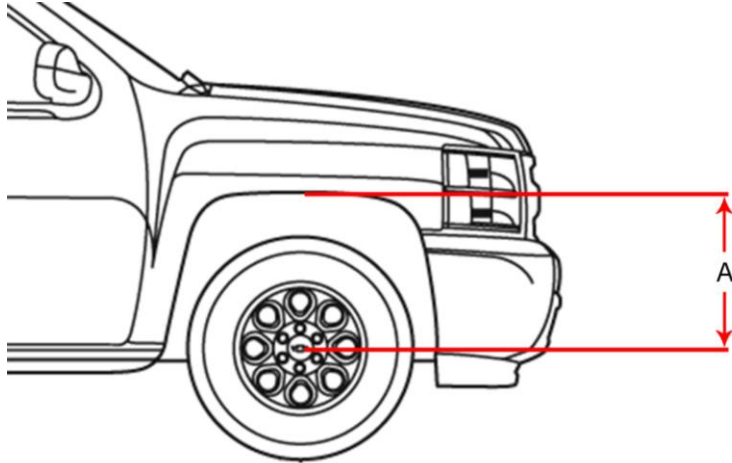
- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench set
- Ratcheting socket wrench and socket set
- Safety Glasses
- Torque wrench

### **PREPARING FOR INSTALLATION:**

- Open the hardware kit and remove contents. Refer to the part list to verify parts are present
- Park the vehicle on a smooth, level hard surface such as concrete and activate the parking brake.
- Block the REAR wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1st gear (manual) or "Park" (automatic).

## VEHICLE HEIGHT:

Measure the current vehicle height NOW using the "Wheel Center to Fender" method shown in Diagram below and record the numbers in the space below:



Driver Side: \_\_\_\_\_“

Passenger Side: \_\_\_\_\_“

## KIT INSTALLATION

- Remove the front wheels.
- Unbolt upper sway bar end link.
- Remove the lower strut bolt then remove all 3 upper strut bolts
- Support lower control arm, mark it as a reference point on the arms and cam bolts. Then remove both control arm bolts
- Now lower the jack so you can remove the strut. After compressing the spring so you can disassemble and separate the strut, place the Coil spacer between the Plastic coil seat and rubber pad. Now you are ready to reassemble the strut
- Re-install the strut using the provided upper strut nuts.
- Use the original lower strut bolts
- Using a jack lift you lower control arm back into place make sure to use you previously marks and tighten back to factory specs.
- Do not re-attach the sway bar until both side are installed.
- Repeat for the other side of the vehicle
- Reinstall Wheels
- Lower vehicle to the ground.

- Tighten the lower control arm bolts to 148 ft/lbs. ensuring the alignment marks do not move.
- All hardware being fastened to the vehicle's original fastening points should be torqued to the proper specifications. To prevent chassis damage, never over-torque the hardware.
- Check that all components and fasteners have been properly installed, tightened and torqued.
- Once vehicle is on ground check the height of the front, side to side.
- Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.
- After installing the new components, a wheel alignment should be performed according to manufacturer's specifications.

### PARTS LIST FOR 34920 KIT

PART No.	DESCRIPTION	QTY.
34920 01	Strut Spacer	2
	Flange Nut 10MM x 1.25	6