

Part # SUM-G783

2.5" Lift

## INSTALLATION INSTRUCTIONS

94-2002 Dodge Ram 1500

94-2004 Dodge Ram 2500 & 3500

### INTRODUCTION:

Installation requires a professional mechanic

Prior to installation, carefully inspect the vehicle's steering and drive line systems. Paying close attention to the tie rod ends, pitman arms, ball joints and wheel bearing pre-load. Also check steering-to-frame and suspensions-to-frame attaching points for stress cracks. The overall vehicle must be in excellent working condition: repair or replace worn parts

Read the instructions carefully before attempting installation

Check the parts and hardware against the parts list to assure that your kit is complete. Separating parts according to the areas where they will be used and placing the hardware with the brackets before you begin will save installation time

Secure and properly block vehicle prior to beginning installation

Always wear safety glasses when using power tools

### PARTS LIST:

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>QTY</u>
SUMG783-1	Spacers	2
SUMG783-2	3/8" Lock Nuts	6
SUMG783-3	3/8" Washers	6

**Please follow instructions carefully:**

1. Safely lift the front of vehicle and support the frame with jack stands. Place a jack stand on the driver and passenger side. Next, remove the wheels and tires.
2. Place hydraulic floor jacks under the front axle. One on the driver side and one on the passenger side. Raise up on hydraulic floor jacks until they come in contact with the front axle.
3. On the driver side of the vehicle, place a mark on the coil spring so that it can be installed back into the same location after the spacer is installed. Repeat procedure on other side.
4. On the driver side of the vehicle, remove upper shock hardware. Place a side for later installation. Repeat procedure on other side.
5. On the driver side of the vehicle, remove the three stock nuts that hold the upper shock tower in to place. The stock nuts can be thrown away. Set the upper shock tower a side for later installation. Repeat procedure on other side.
6. On the driver side of the vehicle, remove the stock lower shock bolt and set a side for later installation. Remove the stock shock and set a side for later installation. Repeat procedure on other side.
7. Lower down on both hydraulic floor jacks at the same time until the stock coil springs can be removed.
8. Working on the driver side of the vehicle, remove the stock coil spring. Remove the rubber pad. Set the coil spring and rubber pad a side for later installation. Remove the stock ring that has the bolts connected to it and thrown away. Repeat procedure on other side.
9. Working on the driver side, install the stock coil spring into the stock location. Install the rubber pad at the top of the coil spring then add the new spacer on top. Raise up on the hydraulic jack until the new spacer goes into the stock location. Repeat procedure on other side.
10. Working on the driver side of the vehicle, install the stock shock back into the stock location and secure the bottom of the stock shock with the stock hardware. Torque to 85 ft lbs. Repeat procedure on other side.
11. Working on the driver side, install the stock upper shock tower into the stock location. Secure the new coil spring spacer to the upper shock mount using the new 3/8" hardware. Torque to 35 ft lbs. Repeat procedure on the other side.
12. Working on the driver side, install the top shock mounts to the stock shock. Repeat procedure on the other side.
13. Install the tires and wheels and safely lower the vehicle to the ground.
14. Check to make sure that all steps were performed properly. Take your vehicle to an alignment center for proper alignment.