PRO COMP SUSPENSION

Suspension Systems that Work!

PN# PLC09101
1994-2001 Dodge Ram 4WD 1500
1994-2008 Dodge Ram 4WD 2500 & 3500
Spacer Kit

This document contains very important information that includes warranty information and instructions for resolving problems you may encounter. Please keep it in the vehicle as a permanent record.

Part #	Description	Qty.
M02785-BK-01	TOP SPACER	2
S10203	7/16" LOCK NUT	6

TOOLS REQUIRED:

Jack, Jack Stands, Wrench & Socket set, Coil Spring Compressor (some vehicles)

RECOMMENDED PRO COMP SHOCKS

	Front:	Rear:
06-07 Ram Mega Cab 2500/3500 4WD:	924553, MX6139	927543, MX6105
02-07 Ram 2500/3500 4WD:	924553, MX6139	927543, MX6105
94-01 Ram 2500/3500 4WD:	924553, MX6087	925543, MX6162
94-01 RAM 1500 4WD:	914553, MX6119	924543, MX6061

For 1500:

Optional Equipment Available from your Pro Comp Distributor!

Skid Plate **PN 56102**

Hoop Style Light Bar **PN 26100 (Black), 26100G (Grey)**

Also, check out our outstanding selection of Pro Comp tires compliment your new installation!

For 2500/3500:

Optional Equipment Available from your Pro Comp Distributor!

219838 Dual Steering Stabilizer Kit

50328 U-bolt kit for vehicles w/ Dana 80 rear axle.

Check out our outstanding selection of Pro Comp tires to compliment your new installation!

Introduction:

- **This installation requires a professional mechanic!**
- We recommend that you have access to a factory service manual to assist in the disassembly and reassembly of your vehicle. It contains a wealth of detailed information.
- Prior to installation, carefully inspect the vehicle's steering and driveline systems paying close attention to the tie rod ends, ball joints, wheel bearing preload, pitman and idler arms. Additionally, check steering-to-frame and suspension-to-frame attaching points for stress cracks. The overall vehicle must be in excellent working condition. Repair or replace all worn or damaged parts!
- Read the instructions carefully and study the illustrations before attempting installation! You may save yourself a lot of extra work.
- 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.
- Check the special equipment list and ensure the availability of these tools.
- Secure and properly block vehicle prior to beginning installation.
- ***ALWAYS*** wear safety glasses when using power tools or working under the vehicle!
- Use caution when cutting is required under the vehicle. The factory undercoating is flammable. Take appropriate precautions. **Have a fire extinguisher close at hand.**
- Foot pound torque readings are listed on the Torque Specifications chart at the end of the instructions. These are to be used unless specifically directed otherwise. Apply thread lock retaining compound where specified.
- ***Please note that while every effort is made to ensure that the installation of your Pro Comp lift kit is a positive experience, variations in construction and assembly in the vehicle manufacturing process will virtually ensure that some parts may seem difficult to install. Additionally, the current trend in manufacturing of vehicles results in a frame that is highly flexible and may shift slightly on disassembly prior to installation. The use of pry bars and tapered punches for alignment is considered normal and usually does not indicate a faulty product. However, if you are uncertain about some aspect of the installation process, please feel free to call our tech support department at the number listed on the cover page. We do not recommend that you modify the Pro Comp parts in any way as this will void any warranty expressed or implied by the Pro Comp Suspension company.***

Please Note:

⇒ Front suspension and head light realignment is necessary!

⇒ Speedometer and ABS recalibration will be necessary if larger tires (10% more than stock diameter) are installed.

⇒ **IT IS ADVISABLE THAT YOU HAVE HELP AVAILABLE WHEN INSTALLING THIS KIT. SOME COMPONENTS ARE HEAVY AND AWKWARD. AN ADDITIONAL SET OF HANDS IS GOOD INSURANCE AGAINST INJURY!**

Installation:

1. Read all instructions before beginning installation.
2. Block and secure vehicle.
3. Raise front of vehicle and place Jack Stands under Frame allowing front suspension to move freely up and down.
4. Disconnect the sway bar end link per manufactures instruction.
5. Place Jack under front axle housing taking the load off of the front suspension and disconnect the upper shock mounts. Remove the nuts retaining the Upper Shock Mounts to Coil Towers. Disconnect the lower shock mounts and remove the shock absorbers.
6. The Coil Springs are different on the Driver and Passenger sides of the vehicle so be sure to mark which spring goes to what side of vehicle. CAREFULLY lower front axle enough to remove front coil springs. CAUTION: Ensure that there is adequate slack in all brake lines and cables before lowering front suspension.
7. Remove stock rubber Upper Coil Spring Isolators.
8. Install Polyurethane Coil Spring Spacers (M02785-BK-01) into the stock isolator mounting positions and install mounting nuts. (3 per side)
9. Position Coil Springs and Shock Absorbers in their Axle Mounts. Raise axle to engage into the Coil Spring Spacers. Install upper shock mounts. Note: A Slight pressure on the suspension will be required to install shock absorbers.
10. Lower suspension allowing it to go full droop. The shock absorbers should not extend far enough to allow coil springs to come out of the Coil Spacer Pockets.
11. Reconnect sway bar end link per manufactures instructions.
12. Install Wheels and Tires. Lower vehicle to the ground.
13. Check all bolts and nuts for proper tightness. Recheck from time to time or after 500 miles.

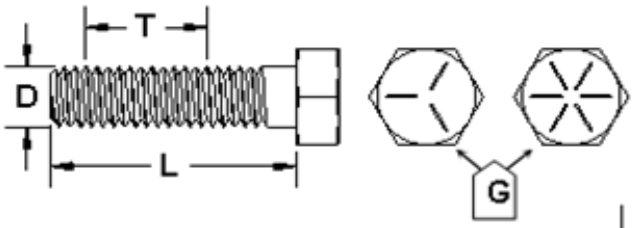
Before

After

Use this only as a guide for hardware without a called out torque specification in the instruction manual.

Bolt Torque and ID

Decimal System			Metric System			
All Torques in Ft. Lbs. Maximums						
Bolt Size	Grade 5	Grade8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15	20	M6	5	9	12
3/8	30	45	M8	18	23	27
7/16	45	60	M10	32	45	50
1/2	65	90	M12	55	75	90
9/16	95	130	M14	85	120	145
5/8	135	175	M16	130	165	210
3/4	185	280	M18	170	240	290



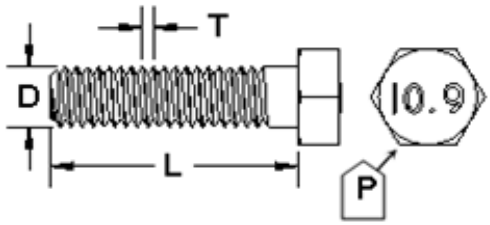
1/2-13x1.75 HHCS

D T L X

Grade 5 **Grade 8**

(No. of Marks + 2)

G = Grade (Bolt Strength)
D = Nominal Diameter (Inches)
T = Thread Count (Threads per Inch)
L = Length (Inches)
X = Description (Hex Head Cap Screw)



M12-1.25x50 HHCS

D T L X

P = Property Class (Bolt Strength)
D = Nominal Diameter (Millimeters)
T = Thread Pitch (Thread Width, mm)
L = Length (Millimeters)
X = Description (Hex Head Cap Screw)