



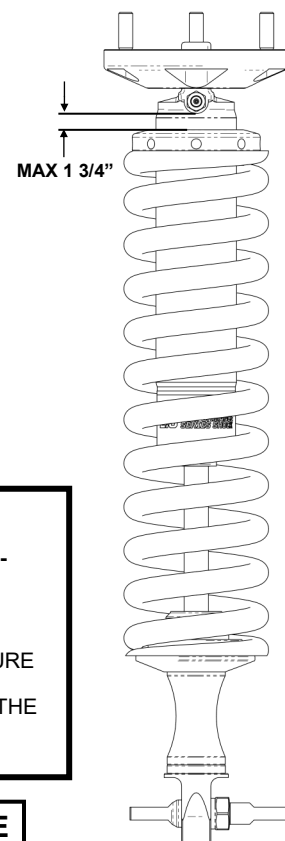
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51054BX-1 INSTALL INSTRUCTIONS

WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov

**THIS COILOVER BOX CAN ONLY BE USED IN CONJUNCTION WITH PRO COMP
LIFT KITS: K1175B
19 GM 1500 5.25-6.5 CO PR**

51054BX-1 BOX CONTENTS		
QTY.	PART NO.	DESCRIPTION
1	90-40981-00023	19GM1500 5.25-6.5 CO DVR
1	90-40981-00053	19GM1500 5.25-6.5 CO PAS
1	INST-51054BX-1	INSTRUCTIONS
1	90-6317	HARDWARE PACK
6	43FNG8I	7/16-20 HEX NUT GR8 ZINC II
6	43RLSRZ	7/16 SPLT LW ZINC PLTD
6	43RWHDI/IMP	7/16 ASTM F436 HARD WASHER-YELLOW ZINC
2	90-6327	HARDWARE PACK
4	43RWFLZ/SAE-PC	7/16 FL WSHR SAE ZINC
2	43C250HC8I/IMP	7/16-14 X 2 1/2 HEX BOLT J429 GR 8 *IMP* ZINC II
2	43CNPTZ/GRC	7/16-14 TOPLOCK GRADE C ZINC



TECH NOTES

- ADJUSTER DIMENSION FROM THE CHARGE PORT COUNTER BORE TO THE COIL ADJUSTER **RECOMMENDED MAX IS 1 1/16"**.
⚠ WARNING: DO NOT EXCEED MAX ADJUSTMENT OF 1 3/4" OR COIL BIND WILL OCCUR.
- 5/16" SPANNER WRENCH (54001B) **SOLD SEPARATELY.**
- THESE SHOCK ASSEMBLIES COME FACTORY CHARGED AT **200 PSI**. RELEASING NITROGEN PRESSURE FROM THE CHARGE PORT MAY LEAD TO SHOCK MALFUNCTION AND REDUCED RIDE QUALITY.
- LOWER MOUNT COILOVER BARPIN ORIENTATION IS IMPORTANT. BARPIN NUT MUST BE TOWARDS THE BACK OF THE VEHICLE.
- RIDE TUNE OPTIMIZED FOR USE IN CONJUNCTION WITH **51054BX-2** REAR SHOCK KIT.

OPTIONAL TUBULAR HIGH ANGLE BALL JOINT UCA 51043B KIT AVAILABLE

INSTALLATION:

- If upgrading to these coilovers and a new kit, start at step 52 in the **K1175B/51007B** instructions.
- Ensure that your workspace is adequate size and the work surface is level. Place the vehicle in park and set the parking brake. Place safety wheel blocks in front of and behind the rear tires. Raise front end of the vehicle using a floor jack. Place jack stands under the frame rails and lower the frame onto the stands.
- Remove front wheels/tires.
- Unbolt sway bar links for easier OE coilover removal and PRO COMP coilover installation.
- Loosen the 3 nuts on top of the coilover bucket. **DO NOT LOOSEN CENTER NUT.**
- Remove lower control arm shock bolts. (Disconnecting the sway bar links will allow the suspension to droop easier.)
- Slide lower shock bar pin inward toward vehicle away from lower control arm while carefully holding shock. A pry bar may be needed to droop suspension and be able to release coilover from mounting surface. At this point you can now remove the 3 nuts on top of the coilover bucket and remove the coilover.
- Slide the driver PRO COMP coilover (**90-40981-00023**) into coilover bucket with charge port towards outside of the vehicle. Use the provided 7/16" hardware pack (**90-6317**). **Do not torque at this time. See image (A).**
- Slide lower shock bar pin onto lower control arm. The longer side of the bar pin and nut must be towards the back of vehicle. Use provided 7/16" hardware pack (**90-6327**). **Do not torque at this time. See image (B).**
- Repeat steps 5-9 on passenger side with coilover (**90-40981-00055**).
- Re-install sway bar links.
- Re-install the wheels and lower the vehicle to the ground.
- Torque upper 7/16" hardware (**90-6317**) to 45-50 ft/lbs. Torque lower 7/16" hardware (**90-6327**) to 60 ft/lbs.
- Torque swaybar link hardware and wheel lug nuts to OE specifications.
- Have the vehicle and headlights professionally and properly aligned.
- After 100 miles and every off-road use, recheck for proper torque on all newly installed hardware.



(A)



(B)

Notice to Owner operator, Dealer and Installer:

Vehicles that have been enhanced for off-road performance often have unique handling characteristics due to the higher center of gravity and larger tires. This vehicle may handle, react and stop differently than many passenger cars or unmodified vehicles, both on and off-road. You must drive your vehicle safely! Extreme care should always be taken to prevent vehicle rollover or loss of control, which can result in serious injury or even death. Always avoid sudden sharp turns or abrupt maneuvers and allow more time and distance for braking! Pro Comp reminds you to fasten your seat belts at all times and reduce speed! We will gladly answer any questions concerning the design, function, maintenance and correct use of our products.

Please make sure your Dealer/Installer explains and delivers all warning notices, warranty forms and instruction sheets included with Pro Comp product.

Application listings in this catalog have been carefully fit checked for each model and year denoted. However, Pro Comp reserves the right to update as necessary, without notice, and will not be held responsible for misprints, changes or variations made by vehicle manufacturers. Please call when in question regarding new model year, vehicles not listed by specific body or chassis styles or vehicles not originally distributed in the USA.

Please note that certain mechanical aspects of any suspension lift product may accelerate ordinary wear of original equipment components. Further, installation of certain Pro Comp products may void the vehicle's factory warranty as it pertains to certain covered parts; it is the consumer's responsibility to check with their local dealer for warranty coverage before installation of the lift.

Warranty and Return policy:

Pro Comp warrants its full line of products to be free from defects in workmanship and materials. Pro Comp's obligation under this warranty is limited to repair or replacement, at Pro Comp's option, of the defective product. Any and all costs of removal, installation, freight or incidental or consequential damages are expressly excluded from this warranty. Pro Comp is not responsible for damages and/or warranty of other vehicle parts related or non-related to the installation of Pro Comp product. A consumer who makes the decision to modify his vehicle with aftermarket components of any kind will assume all risk and responsibility for potential damages incurred as a result of their chosen modifications. Warranty coverage does not include consumer opinions regarding ride comfort, fitment and design. Warranty claims can be made directly with Pro Comp or at any factory authorized Pro Comp dealer.

IMPORTANT! To validate the warranty on this purchase please be sure to mail in the warranty card.

Claims not covered under warranty-

- Parts subject to normal wear, this includes bushings, bump stops, ball joints, tie rod ends and heim joints
 - Discontinued products at Pro Comp's discretion
- Bent or dented product
- Finish after 90 days
- Leaf or coil springs used without proper bump stops
- Light bulbs
- Products with evident damage caused by abrasion or contact with other items
- Damage caused as a result of not following recommendations or requirements called out in the installation manuals
- Products used in applications other than listed in Pro Comp's catalog
- Components or accessories used in conjunction with other manufacturer's systems
- Tire & Wheel Warranty as per Pro Competition Tire Company policy
- Warranty claims without "Proof of Purchase"
- Pro Comp 2.5 coilover and 2.5 monotube shocks are considered a serviceable shock with a one-year warranty against leakage only. Rebuild service and replacement parts will be available and sold separately by Pro Comp. Contact Pro Comp for specific service charges.

**PLACE
WARRANTY REGISTRATION
HERE: _____**