



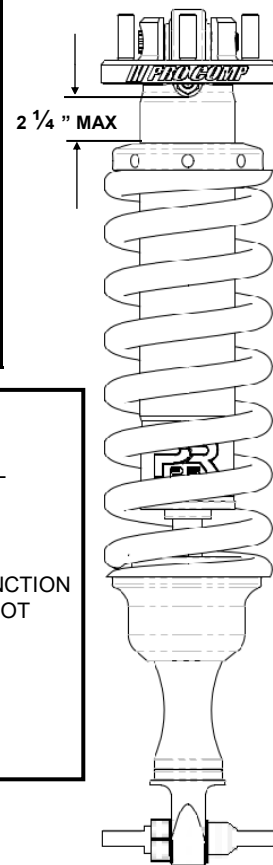
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51038BX-1  
 REVISION  
 07/17/2020

## 51038BX-1 INSTALL INSTRUCTIONS

**THIS COILOVER BOX CAN ONLY BE USED IN CONJUNCTION WITH PRO COMP LIFT KITS: K1143B BOXES: 51007B-1, 51007B-2, 51007B-3, 51007B-4, 51099B-5**

51039BX-1 BOX CONTENTS		
QTY.	PART NO.	DESCRIPTION
1	90-40981-00048	07-18 GM1500 5-7 CO DVR
1	90-40981-00049	07-18 GM1500 5-7 CO PAS
1	INST-51039BX-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 TOP OF THE COIL ADJUSTER. **MAX IS 2 1/4" AS SHOWN.**  
**⚠ WARNING: DO NOT EXCEED MAX ADJUSTMENT OR COIL BIND WILL OCCUR.**  
**5/16" PIN SPANNER WRENCH (61-40954-00004) SOLD SEPARATELY.**
- RELEASING NITROGEN PRESSURE FROM THE CHARGE PORT MAY LEAD TO SHOCK MALFUNCTION AND REDUCED RIDE QUALITY. FAILURE CAUSED BY RELEASING NITROGEN PRESSURE IS NOT COVERED BY WARRANTY.
- LOWER MOUNT COILOVER BAR PIN ORIENTATION IS IMPORTANT.
- RIDE TUNE OPTIMIZED FOR USE IN CONJUNCTION WITH 51038BX-2 REAR SHOCK KIT.

► **IF INSTALLING THESE ALONG WITH NEW LIFT KIT, START AT STEP 52 IN THE K1143B/51007B INSTRUCTION SHEET.**

- Ensure that your workspace is of 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 the front wheels.

### Removing OE coilover:

- Unbolt sway bar links for easier OE shock removal and coilover installation.
- Loosen the 3 nuts on top of OE coilover bucket, **DO NOT** loosen center nut.
- Remove lower control arm to shock bolts. (If sway bar links are removed suspension should droop easier)
- Slide lower shock bar pin inwards of 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 holding the upper part of the coilover and remove.

## **INSTALLATION:**

1. Slide the driver PRO COMP coilover (**90-40981-00048**) into coilover frame bucket with charge port towards outside of the vehicle. Use the provided 7/16" hardware pack (**90-6317**) on the studs to secure from falling and



2. Slide lower shock bar pin on to lower control arm, notice longer side of bar pin must be towards the back of vehicle. Use provided 7/16" hardware pack (**90-6327**).



3. Repeat on passenger side with coilover (**90-40981-00049**).
4. Re-install sway bar links.
5. Torque hardware:  
    **(90-6317)** 7/16" stud nuts to 45-50 ft/lbs.  
    **(90-6327)** 7/16" lower hardware to 60 ft/lbs.
6. Re-install the wheels and lower the vehicle to the ground.
7. Torque wheel lug nuts to vehicle factory specs.

## **Adjusting for desired preload/ride height:**

When vehicle is set on the ground for the first time after installation, it needs to be lightly driven for suspension to settle. Then check and make sure both sides are equal height. Every full turn of preload adjuster is  $\pm 1/8$ "; on vehicle application may vary. Make sure vehicle suspension is at full droop any time when adjusting preload using spanner wrench (**61-40954-00004**).

**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 / 2.75 coilover and 2.0 / 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.
- Pro Comp accepts no responsibility for any altered product, improper installation, lack of or improper maintenance, or improper use of our products.

<p><b><u>PLACE</u></b> <b><u>WARRANTY REGISTRATION</u></b> <b><u>NUMBER</u></b> <b><u>HERE:</u></b> _____</p>
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