

**INSTALLATION MANUAL**

**FOR**

**PURE PERFORMANCE SUSPENSION**

**2.0 Remote Reservoir**

**Dear customer:**

Thank you for purchasing the best system on the market for your Dodge Ram 4x4 Truck. We are sure you will be happy with this system when your installation is complete. Please take your time during the installation and be sure to do it

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correctly. Completely read the directions before starting your installation so you know what to expect. Remember, your personal safety depends on it. Should you have any questions during this installation feel free to give our tech line a call (518-270-9822) and we will be happy to help you.

**Note: Shock are under pressure. Care should be used when discharging and recharging shocks!**

## **Warning**

Read and understand all instructions, warnings and safety precautions in these instructions and your owner's manual before attempting to install these components.

## **Caution**

Proper installation of Pure Performance Group, Inc. products requires knowledge of recommended procedures for disassembly/assembly of OE vehicles and components. Access to OE shop manuals and special tools are required. Attempting to install this kit without knowledge of these procedures may affect the safety of your vehicle and/or the performance of these components. Rock Krawler Suspension, Inc. strongly recommends that a certified mechanic with off road experience install this system.

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Pure Performance Group, Inc. recommends the use of loctite on all hardware, unless noted otherwise.

## Warning

Properly block and secure vehicle prior to installation.

## Warning

Always wear safety glasses when using power tools.

## Warning

The use of limiting straps is recommended to avoid possible damage from over extending the suspension of your vehicle.

### Tools required:

¼ drive sockets, loctite, heat source( propane or heat gun), wrenches.

### You will also need:

lots of Patience...

Step 1. Put shock body in a vice with some covers on the jaws to prevent damage.

Step 2. **Release Nitrogen pressure from Shock!** Then remove Schrader valve and set aside.

Step 3. install o-rings on remote hose and dab a small amount of removable thread locker(blue) onto the threads. Screw hose into shock cap where the Schrader valve was located .

Step 4. Screw hose to remote reservoir on end cap installed from the factory.

Step 5. Remove shock from vice and put reservoir in the vice. The shock should be below the reservoir with the hose at the highest point of the shock.

Step 6. fill the reservoir ½ way with shock oil(Amsoil #10 medium Shock Therapy).

Step 7. Place a towel over the reservoir top and cycle the shock to remove the air bubbles. This

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can take quite a few cycles to expel all the air. The towel will catch any oil that might try to get out. After all the air is expelled there can be some bubbles on top of the oil. Let the shock sit until the bubbles are gone.

Step 8. Fill the reservoir until 2/3 full. Install floating piston in body with the recess area facing you. Use the thin piece of steel to make a compressor to get the piston past the groove in the reservoir. See picture. Tap piston in with the end of soft handle mallet. Tap piston down until there is no air under the piston. A little oil on the closer side is fine.

Step 9. Wrap plug with Teflon tape 3-5 wraps. Screw plug into piston. A small impact wrench is recommended to tighten plug fully.

Step 10. Install end cap. Use the thin piece of steel to make a compressor to get the end cap past the groove in the reservoir. Make sure the top of the end is below the groove in the reservoir. Install the snap ring and then the Schrader valve.

Step 11. Pressurize the reservoir with Nitrogen. 1 step at 50 psi to seat the end caps. Then pressurize 2.0 shocks to 100 psi.

Cycle shocks and check for leaks and your done!