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2.3L & 4.6L Recharge Instructions

www.FireCharger.com

Support 1-866-855-FIRE

The Firecharger AFFF Fire Suppression System is unique in several ways. However, the ability to be recharged in the field by someone with basic mechanical skills and tools is without a doubt, its most unique feature. Before you begin it is necessary to read these instructions carefully and follow the step-by-step instructions completely. They are very simple and easy to perform, however, for the system to operate properly it must be recharged exactly as these instructions show, these instructions and more detail photographs are available at www.Firecharger.com

Recharge Kits contain the following:

- 1- Replacement CO2 Cartridge**
- 1- Replacement AFFF Concentrate**
- 1- Replacement Rupture Disc**

You will need the following Tools:

- An 8-ounce measuring cup**
- Safety glasses and gloves**
- 1x funnel**
- 1x Adjustable wrench**

Let's Begin

- 1. Disconnect the discharge lines; remove the bracket cover and the actuation cable from the system, remove the bottle kit from the vehicle. (make sure the safety pin is in place)**
- 2. Remove and discard the spent CO2 cartridge. Next thread the new cartridge into the actuator.**
- 3. Remove the bottle head and fittings from the Cylinder**



- 4. Disconnect the bottle hose assembly and loosen and remove the spent rupture disc from the bottle head. Look inside the bottle head to locate the spent rupture disc. (See below). Remove the rupture disc and discard.**



5. **Insert the new Rupture disc with the red dot facing out (See below). When the rupture disc is installed in the cylinder head you should be able see the red dot, reattach the hose assembly and tighten.**



6. **For the following steps the cylinder must remain upright on a table or work bench. It is advisable to have a towel handy as the cylinder may overflow. Now fill the cylinder completely with pure water.**

WARNING!!!

If you are not already wearing safety glasses and gloves, this is the point at which you put them on NOW!! For the next steps you will be handling the AFF concentrate. If the concentrate comes into contact with your eyes, IMMEDIATELY FLUSH WITH CLEAN WATER AND CONTACT YOUR PHYSICIAN!! Diluted solution will only cause minor eye burning and irritation; however the AFF concentrate is much stronger and can cause permanent eye damage! Please be careful and wear appropriate protection.

7. **Once step six is complete, pour out exactly 8 ounces for the 2.3L system (5lb System) and 16 ounces for the 4.6L (10lbs) system.**



- 8. Firstly make sure that the Make sure that you safety glasses are on and as you begin to pour the concentrate into the cylinder. Please use caution!! Do not splash the concentrate in to your eyes. If any contact is made between your eyes and the concentrate see warning.**



- 9. Insert the discharge hose and head assembly into the Cylinder. Sometimes a small amount of solution will overflow. Especially the foamy bubbles, this is normal.**



10. Once the bottle head is in contact with the cylinder, thread the head into place because of the 'O'-ring seal, 15-30 lbs of torque is all that is required. Additional Torque may be required to get the plumbing to line up again. Wipe any spillage on they cylinder and your work surface and wash hands and be sure to remove any AFFF which may have come in contact with the body.





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***Firecharger AFFF Systems are manufactured by Pack Racing Products LLC. For immediate support please contact the dealer you purchased the system. For further Technical & Support Questions please contact Pack Racing Products at 1-866-855-FIRE
Additional color images and FAQ's are available at
www.firecharger.com***