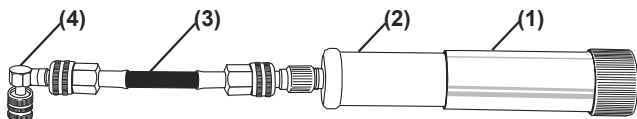


DYE INJECTION and UV LEAK DETECTION

PLEASE USE CAUTION!!

- When injecting dye into a pressurized system, ALWAYS wear safety glasses and gloves!
- Never breathe refrigerant vapor!
- Never use the UV light without wearing the UV glasses!
- Lamp surfaces will get hot very quickly. DO NOT TOUCH THE LENS!

DYE INJECTION INSTRUCTIONS:



A. Purging air from the hose assembly

It is important to eliminate any air in the hose before injecting dye into the A/C system. (This process is necessary only once for the setup).

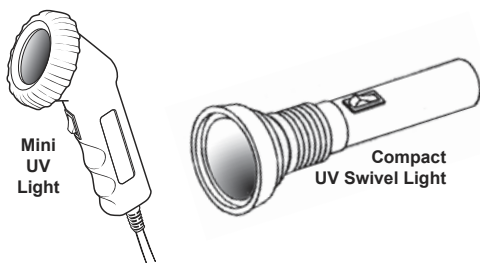
1. Hold the cartridge (2) upward while unscrewing the cap. Snap the hose assembly (3) onto the cartridge.
2. While holding the assembly upward, attach the handle (1) to the bottom of the cartridge by turning it clockwise. Continue turning as dye enters the hose and pushes the air up. Use a pen to press the depressor of the coupler to release the air. Repeat this process as needed until dye appears at the coupler's end.

B. Injection

1. Turn the A/C system and engine off!!
2. Connect injector to the low side service port of A/C system. Hold body of injector. Use (1) starting line on handle end as a guide. Turn handle clockwise to inject 1 application of dye.
(Approximately 1 to 1 1/4 turn(s) for concentrated dye).

Concentrated Dye 25 Applications per Cartridge	
(AUTOMOTIVE)	1 Application per system (for a system using up to 10 oz. [300 ml] of lubricant)
(HVAC/R)	1 Application per system (for a system using up to 7 lbs. [3.2 kg] of refrigerant)

3. Disconnect injector from the system and clean any excess dye left around the service port.



LEAK DETECTION USING A UV LAMP:

- A. Turn Engine and A/C system on.
- B. Allow dye to circulate throughout system.
- C. Connect UV lamp to power. (If using rechargeable UV Light, make sure the battery is fully charged). SEE INSTRUCTIONS!!
- D. WEAR PROTECTIVE GLASSES!!
- E. Do not use lamp near flammable materials, liquids or gases.
- F. Never use lamp for more than 3 minutes at a time. Allow lamp to cool between uses, 3 MINUTES ON, 5 MINUTES OFF. If used continuously, you may damage glass lens.
- G. Turn lamp on. Search for a bright green/yellow glow where the system is leaking. Clean the area around leak after repair.