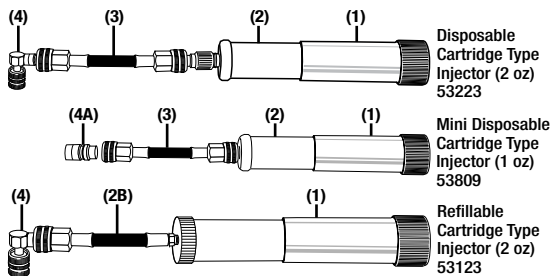


# UV LEAK LOCATOR KIT WITH FLASHLIGHT

## DYE INJECTION INSTRUCTIONS



### 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!

### 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).

#### Purging Disposable Cartridge Type Injector

- Hold the cartridge (2) upward while unscrewing the cap. Snap the hose assembly (3) onto the cartridge, and coupler (4) or (4A) to the hose assembly.
- While holding the assembly upward, attach the handle (1) to the bottom of the cartridge by turning it clockwise. Continue turning while dye enters the hose and pushes the air up. Use a pen to press the depressor of the coupler (4) to release the air if necessary. Repeat this process as needed until dye appears at the coupler's end.

#### Purging Refillable Cartridge Type Injector

- Hold the dye injector (upward while unscrewing the cap/hose assembly (2B). Turn the handle of dye injector (1) counter clockwise all the way before filling. Fill the injector with dye. Replace cap/hose (2B), tightening securely and attach coupler (4) to the hose assembly.
- While holding the assembly upward, start turning the handle (1) clockwise. Continue turning as dye enters the hose and pushes the air up. Use a pen to press the depressor of the coupler (4) to release the air, if necessary. 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)

Dye Application Chart	
AUTOMOTIVE	1 Application per system (for a system using up to 10 oz. [300 ml] of lubricant)
HVAC	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.

## UV FLASHLIGHT

### ⚠ WARNING

- WEAR SAFETY GLASSES
- DO NOT LOOK DIRECTLY INTO UV LIGHT
- DO NOT OPERATE WITH A LOW BATTERY
- NEVER STORE BATTERIES INSIDE YOUR CAR IN EXTREME TEMPERATURES, EXTREME TEMPERATURE COULD IGNITE FIRE.
- STORE BATTERY AT ROOM TEMPERATURE BETWEEN 40 AND 80°F FOR BEST RESULTS.
- ULTIMATE DISPOSAL OF THIS PRODUCT SHOULD BE HANDLED ACCORDING TO ALL NATIONAL LAWS AND REGULATIONS

### UV LIGHT INSTRUCTIONS:

1. Add dye to the system following dye injection instructions.
2. Disconnect injector from the system and clean any excess dye left around the service port.
3. Turn Engine and A/C system on.
4. Allow dye to circulate throughout system.
5. Turn on UV light
6. WEAR PROTECTIVE GLASSES!!
7. Search for a bright green/yellow glow where the system is leaking. Clean the area around leak after repair.

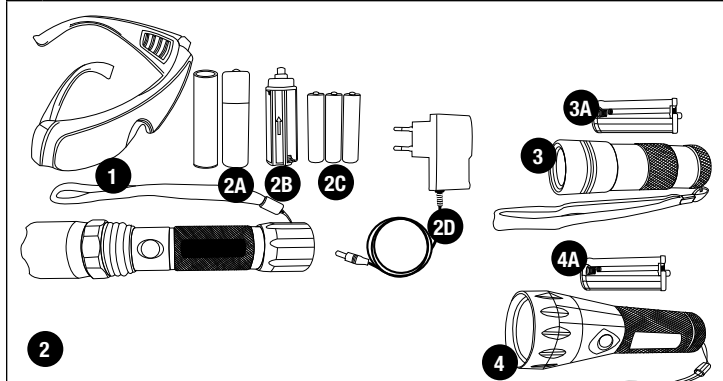
**CHARGING & REPLACING BATTERIES** (rechargeable UV flashlight only)

NOTE: The lithium li-ion battery will need to be charged prior to use.

NOTE: When replacing all batteries, be sure the cartridge and all batteries are in the proper direction.

Battery Installation:

- Unscrew the bottom cap counter-clockwise and insert positive pole of battery into the flashlight casing.
- After inserting battery, plug the charging adapter into the flashlight. (The charging adapter can be plugged into the flashlight using the port which is located behind the rubber grommet on the opposite side of the power switch.)
- Then plug the charger into the voltage source for charging.
- Charging the Lithium Li-Ion battery can take 5 to 6 hours. When the light turns green, the unit is charged. Unplug the adapter in a timely manner to prevent overcharging and to preserve the life of the battery.

FLASHLIGHT PARTS LIST	
	
1.	Safety Glasses
2.	Rechargeable UV Flashlight
	2A. Lithium Li-Ion Battery
	2B. AAA Battery Holder
	2C. 3 AAA Batteries
	2D. 110V or 220V charger
3.	Mini UV Flashlight
	3A. AAA Battery Holder
4.	Compact UV Flashlight
	4A. AAA Battery Holder

**⚠ WARNING:** This product can expose you to chemicals including lead and lead components, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).