

True-UV LED Lights

CAUTION!
EMITS ULTRAVIOLET RADIATION!
This light radiates intense ultraviolet (UV) light when operated. Most of the UV light emitted is not visible. Exposure to UV radiation can be harmful to your health.

ALWAYS USE APPROPRIATE EYE PROTECTION (UV BLOCKING GLASSES) WHEN OPERATING LIGHT.
Protect eyes and skin during operation. Do not look directly at the light during operation. Exposure to UV light, even for a brief period can damage your eyes.



SPOTGUN™ JR. INJECTION SYSTEM

The World's most Popular Injection Method!



TECHNICAL SUPPORT: 1 (800) 277-3808



3600 Enterprise Way, Miramar, FL 33025 U.S.A.
Toll Free 1 (800) 277-3808 • Fax: (305) 687-3743
WWW.CPSPRODUCTS.COM

SPOTGUN™ JR. INJECTION SYSTEM

SET-UP INJECTION GUN SYSTEM

1. Hold the disposable cartridge in an upright position then remove cap and seal from cartridge.
2. Attach hose (R-134a) to the top of the disposable cartridge then remove drip cap from adapter. (Fig. 1)
3. Push the release lever on the injection gun with your thumb, and pull the rod all the way back. (Fig. 2)
4. Install cartridge into gun assembly. (Fig. 3)
5. Squeeze trigger until piston seats in disposable cartridge.

Now the Injection gun system is ready to be used.

OPERATION (R-134a)

The Injection gun injects the dye into the A/C system without the need to evacuate any refrigerant. To use, proceed with the following steps:

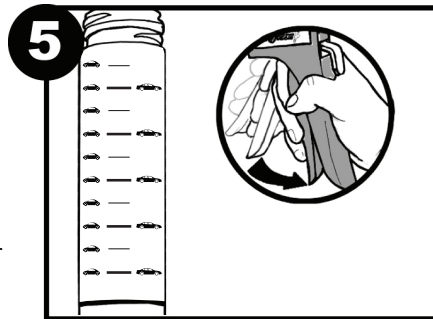
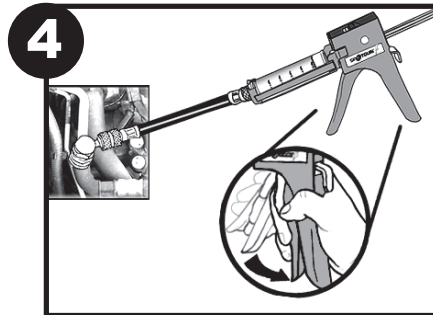
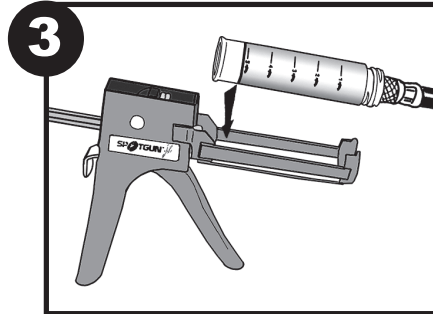
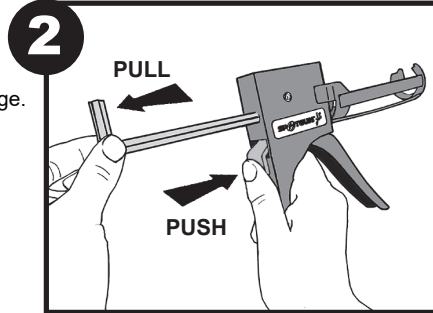
1. Connect injection gun system to the low side port of the A/C system.
2. Inject dye into the A/C system by squeezing the trigger (Fig. 4). See "Dye Dose Chart" below.
3. Disconnect injection gun system from the A/C port.
4. Attach drip cap to the adapter.
5. Install "Dye Service Sticker" in a visible location under the hood.
6. Start the engine and turn on the A/C to maximum for a few minutes. This is to circulate the fluorescent dye in the system.
7. Turn the engine "OFF". Check for leaks using an ultraviolet lamp. Possible leak areas will glow a bright yellow/green when exposed to UV light.

Note: Smaller leaks may require longer circulation time. Let the A/C system run for a few days then reinspect.

Lubricant in the system	Dye dosage	Vehicle Size
Up to 5 fl oz. (150 ml)	1 line on cartridge	Compact
5 to 10 fl oz. (150 - 300 ml)	2 lines on cartridge	Standard
More than 10 fl oz. (300 ml)	3 or more lines (1 additional line/5 fl oz.)	Larger vehicles

R-12 SET-UP

1. Complete all steps in SET-UP procedure.
2. Remove R-12 adapter drip cap and attach to low side port of the A/C system.
3. Attach injection gun system to the R-12 adapter valve.
4. Repeat steps from 2-7 in OPERATION procedure above. (As applicable).



LEAK DETECTION LIGHT INSTRUCTIONS

Operating Instructions

IMPORTANT!

Studies have proven that the use of UV Enhancing Glasses (supplied) allow the user to find and spot leaks easier and faster. For more information on this subject visit www.cpsproducts.com

- 1) Put on UV Enhancing Glasses (supplied).
- 2) Turn on lamp by depressing switch on rear of lamp.
- 3) Scan the area with the UV lamp.
- 4) Adjust focus/intensity by turning head on lamp.

A fluorescent glow will appear from leaks. For optimum results do not use lamp in bright sunlight and make sure to wear the UV Enhancing Glasses as they will allow you to more clearly see the fluorescent glow of the dye.



Replacement Part

- 1) 98006475 – UV Phazer BLACK lamp