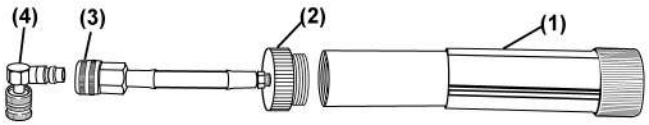
Mastercool® Inc.
"World Class Quality"

DYE/OIL INJECTOR
53123

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).**

1. Hold the dye injector **(1)** upward while unscrewing the cap/hose assembly **(2)**. Turn the handle of dye injector **(1)** counter clockwise all the way before filling. Fill the injector with dye. Replace cap/hose assembly, tightening securely.

2. 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 **(3)** 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!!**

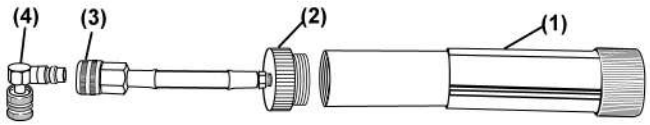
2. Connect injector to the low side service port of A/C system. Hold body of injector. Use (▌) starting line on handle end as a guide. Turn handle clockwise to inject 1 application of dye.
(Approximately 1 to 1 1/4 turn(s) for Concentrated Dye).
(Approximately 3 1/2 turns(s) for Standard Dye).

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

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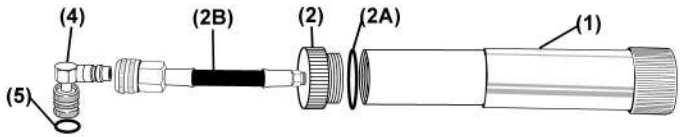
Dye Application Chart	
(AUTOMOTIVE)	1 Application per system (for a system using up to 10 oz. [300 ml] of lubricant)
(HVAC/R)	1 Application per system (for a system using up to 7 lbs. [3.2 kg] of refrigerant)

Oil Injection Instructions:

A. Follow the Dye Injection Instructions to purge and fill the container.

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 (|) starting line on handle end as a guide. Turn handle clockwise to inject 1 application of oil.
   (Approximately 3 1/4 turn(s) for 1/4 oz oil).
3. Disconnect injector from the system and clean any excess oil left around the service port



(Fig.)	Part #	Description
(1)	53223-001A	Dye Injector Body
(2)	53223-001B	Cap (only)
(2A)	53223-001C	O-Ring
(2B)	53223-001D	Hose Assembly
(4)	90333-UV	R12 (1/4")FL Shut-Off Valve
(5)	90336	O-Ring for 90333-UV

For Warranty Service:
Toll Free: 1-888-825-6989 or
E-mail: techs@mastercool.com

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One Aspen Drive, Randolph, NJ 07869-1103

DYE/OIL INJECTOR
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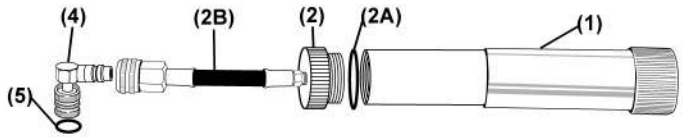
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