



Mastercool[®]
"World Class Quality"

53223-YF "CARTRIDGE TYPE" R1234YF UNIVERSAL DYE INJECTOR

WARNING:



- 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!



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 dye injector upward while unscrewing the cap/hose assembly (2). Take off the protective vinyl cap from the top of the cartridge. Snap the hose assembly on to cartridge.
2. While holding the assembly upward, attach the handle to the bottom of the cartridge by turning it clockwise. Continue turning as dye enters the hose and pushes the air up. Use a small screwdriver 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).
(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

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