

**DIAGNOSIS AND TESTING (Continued)**

The electronic leak detector is operated by moving the control switch to the ON position. The detector automatically calibrates itself when it is turned on. Move the probe approximately 25mm (1 inch) per second in the suspected area. When escaping refrigerant gas is located, the ticking / beeping signal will increase in ticks / beeps per second. If the gas is relatively concentrated the signal will be increasingly shrill. Follow the instructions included with the detector to improve handling and operating techniques.

**Leak Tracer Dye**

**Tools Required:**

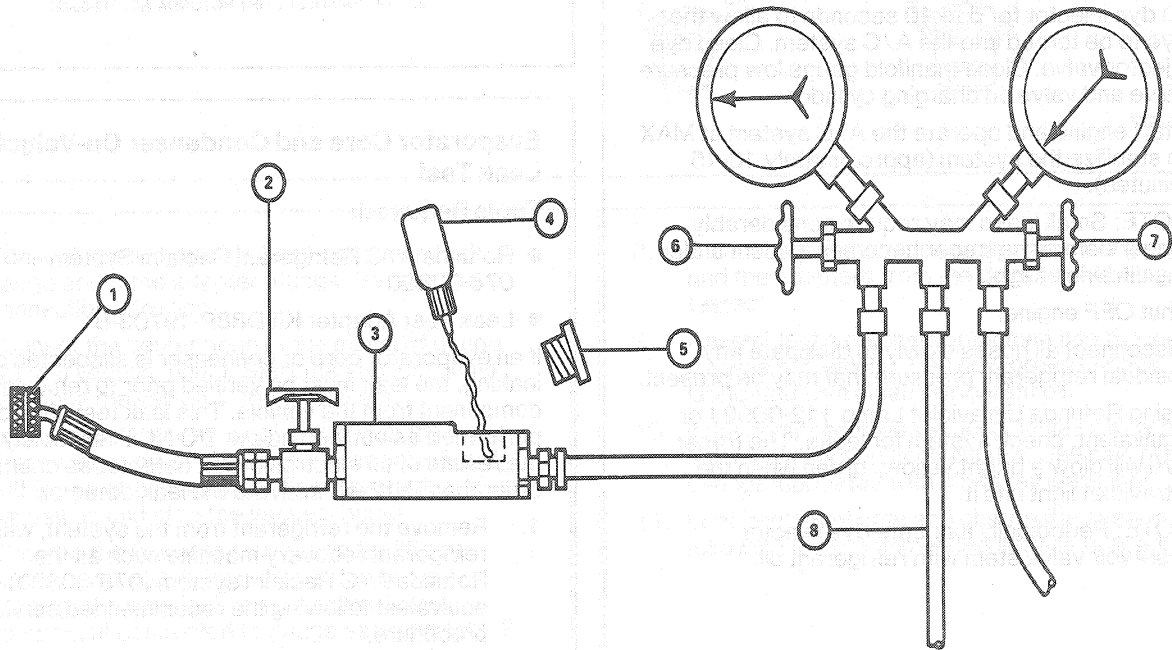
- Rotunda Fluoro-Lite Tracer Dyes 112-00027
- Rotunda A/C Tracer Dye Injector 112-00028
- Rotunda Ultraviolet Lamp 112-00021

**NOTE:** Rotunda Fluoro-Lite Leak Tracer Dye **CANNOT** be used in systems with refrigerant R-134a.

Rotunda Fluoro-Lite 112-00027 or equivalent may also be used to detect refrigerant leaks. With the tracer dye in the system, use Rotunda Ultraviolet lamp 112-00021 or equivalent to find the leak or leaks. The tracer dye will glow a bright yellow / green color at the point of refrigerant leakage when the light is directed toward the leak. If the system pressure is above 60 psi, there is no need to add refrigerant to the system for this operation.

Rotunda Fluoro-Lite tracer dye may be introduced into the A/C system using Rotunda A/C Tracer Dye Injector 112-00028 or equivalent. Inject the dye and check for leaks as follows:

**Tracer Dye Injector 112-00028**



ITEM	DESCRIPTION
1.	TO LOW PRESSURE SERVICE PORT
2.	RESERVOIR VALVE
3.	TRACER DYE RESERVOIR (1/4 OZ. CAPACITY)
4.	FLUORO-LITE TRACER DYE

ITEM	DESCRIPTION
5.	RESERVOIR CAP
6.	LOW PRESSURE VALVE
7.	HIGH PRESSURE VALVE
8.	TO R-12 CYLINDER

CCL 3694-A