

# FJC

Air Conditioning Products  
Tools, Equipment & Refrigerant

Part # 2734

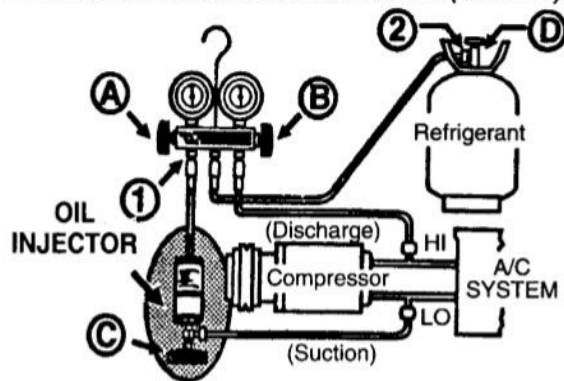
## R-134a Injector

### Operating Instructions

Read ALL instructions before beginning service.

**CAUTION:** Always wear hand and eye protection when servicing a vehicle's A/C

#### ADDING OIL OR CONDITIONER TO OPERATING (CHARGED) SYSTEM



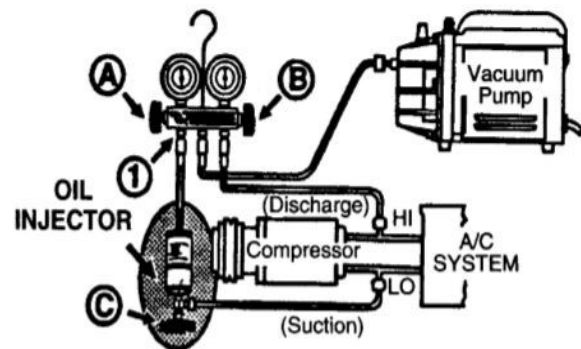
- 1 Connect manifold gauge set, oil injector and refrigerant supply as shown in the above figure. Make certain Valves A, B, C and D are closed.
- 2 Unscrew the injector cap and add 1 to 2 ozs. of FJC Estercool oil or FJC Conditioner required. Replace cap.
- 3 To purge the manifold gauge set, hoses and injector,
  - A - With engine not running, open Valve C. Slowly crack open the LO side connection (1) of the manifold. When you hear refrigerant escaping, close the connection (1). Close Valve C.
  - B - With Valve D closed, open Valve B. Slowly crack open the hose side connection (2) on the refrigerant supply. When you hear refrigerant escaping, close connection (2). Close Valve B.

MANIFOLD GAUGE SET, HOSES AND INJECTOR ARE NOW PURGED OF AIR

- 4 With engine and air conditioning system running, Open Valve C and refrigerant supply Valve D. Slowly open the LO Side Valve A allowing refrigerant to charge oil or conditioner into the air conditioning system. Do not exceed 50 psi on the LO side gauge. Close Valves A, C, and D. The oil or conditioner charging procedure has been completed. If additional oil or conditioner is required, repeat above sequence.

**DO NOT OVER CHARGE**

#### ADDING OIL OR CONDITIONER TO DISCHARGED SYSTEM



- 1 Connect the manifold gauge set injector and vacuum pump as shown in the above figure. DO NOT run engine.
- 2 Turn on vacuum pump and open HI Side Valve (B).
- 3 With LO side Valve A and injector Valve C closed, unscrew the injector cap and add 1 to 3 ozs. of FJC Estercool Oil or FJC Conditioner as required.
- 4 After 29 In. Hg of vacuum pump has been reached, open Valve C. Continue running vacuum pump approximately 3 minutes. Close Valve B. Turn off vacuum pump. Open Valve A and oil or conditioner will be drawn into the LO side of the air conditioning system. If additional oil or conditioner is required, repeat the above sequence.

*Before recharging, completely evacuate the air conditioning system for a minimum of 30 minutes after 29.9 inches of mercury has been reached.*

*Always follow Local, State and Federal Laws when performing service on an Air Conditioning System.*