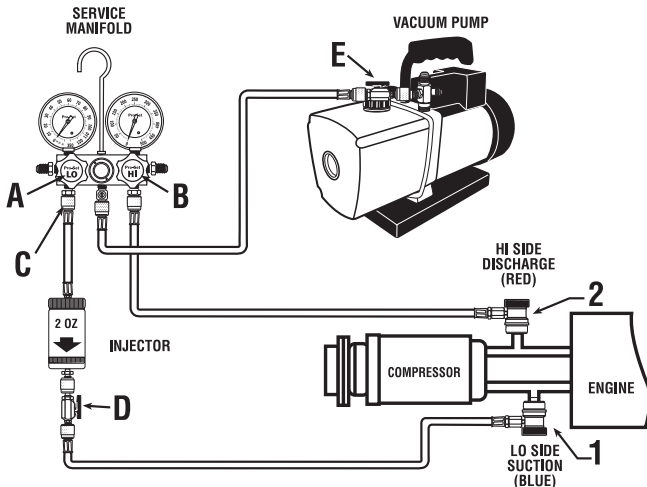


CPS®

ADDING OIL OR DYE TO A EVACUATED A/C SYSTEM



1. Engine OFF. All valves (A, B, D) must be closed including the LO side (1) and HI side (2) couplers. Connect service manifold, injector, vacuum pump and hoses as shown in diagram above.
2. Start vacuum pump, open hose valve (E), HI side coupler (2), LO side coupler (1), and open HI Side Manifold Valve (B). Run vacuum pump for approximately 5 minutes.
3. Remove injector hose from manifold (C). unscrew injector cap. Fill Injector with required amount (up to 2 ounces per fill) of oil or dye or oil / dye combination. Re-install oil injector cap. Do not reconnect hose to manifold (C) at this time.
CAUTION: Adding too much oil and/or dye can cause system damage and effect system performance. Most manufacturers recommend ¼ ounce dye per mobile A/C system. (Refer to manufacturer's recommendations on how much oil or dye to add to a mobile A/C system).
4. Open injector valve (D) for one minute. If additional oil / dye is required, close oil injection valve (D) and repeat Step 3. Once the required amount of oil / dye has been added, reconnect injector hose to manifold (C).
5. With an open injector valve (D) and open LO side manifold valve (A), run vacuum pump for an additional 5 minutes. **Note: HI side manifold valve (B) remains open during this entire procedure.**
6. Close all valves (A, B, D) when done. Disconnect service couplers from A/C system. The A/C system is now ready to be recharged.
7. System must be completely evacuated prior to charging with refrigerant. Refer to the Recharging equipment instructions and the A/C System OEM's recharge recommendations.

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