

# TECH TIP

## A/C SYSTEM FLUSHING PROCEDURE



**AUTO-KOOL**

TECHNICAL BULLETIN REF# 0190

### **SAFETY FIRST: ALWAYS USE EYE PROTECTION**

Note: Once the flush gun is connected to the cylinder, it should not be removed.

1. A/C system refrigerant must be completely recovered using approved equipment in accordance with local, state, and federal laws.
2. Disconnect all hoses from components to be flushed. Remove the expansion valve or orifice tube which can be located in the liquid line or at the condenser or evaporator.
3. Remove the cap. Add gpd flush 8011256 (or equivalent) to cylinder. Replace the cap. All flush cylinder connections must be tight.
4. It is generally advised to first "back-flush", flushing from outlet to inlet on condensers and evaporators, to dislodge debris. Then, flush the component from inlet to outlet.
5. To prevent spraying of flush, oil, and other debris, attach a hose or optional flush capture hose to the exit end of the component to be flushed. Place the hose in a suitable container to capture the used flush solvent.
6. With the cylinder in an upright position, pressurize flush container or attach compressed air to cylinder and fill to 70-100 psi.
7. Insert the tip of the flush gun into the component to be flushed. Press the handle on the gun to release flushing agent. Continue to flush until all contaminants have been removed. Repeat, as necessary.
8. Dispose of flush solvent in accordance with local, state, and federal laws.
9. Make A/C system repairs and evacuate for a minimum of 30 minutes to make sure system will hold a vacuum.
10. Add refrigerent and perform a leak and performane test.

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