



Fig. 2.1



Fig. 2.2



Fig. 2.3

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Air Conditioning Product
Tools and Equipment

A/C Flush Kit Part # 2710

Instruction Manual





READ CAREFULLY BEFORE USING

Installation and Operating Instructions for Part # 2710

Always Use Hand & Eye Protection

1. Wear protective splash goggles
2. Reclaim all refrigerant according to local, state and federal laws.
3. A/C system must be completely evacuated.
4. After refrigerant is removed from system, disconnect all hoses from the A/C components. Remove the orifice tube or expansion valve from the A/C system.
5. Check that air cutoff valve on flush canister is connected to cap assembly and securely tightened (fig 2.1)
6. Install shop air quick connect fitting (supplied by technician) into air cutoff valve (shown in Fig, 2. 1)
7. Move air cutoff valve lever to the off position (lever perpendicular to valve body) (fig.2.2)
8. Unscrew flush canister from cap assembly. Add 6 to 16 ounces of FJC A/C flush to the canister (6 oz. for a hose and 16 oz. for a condenser or evaporator). Screw canister on to cap assembly.
9. At the exit end of the hose or component being flushed, connect flush coupler or place a container to capture contaminated flush.
10. Use dry shop air as a propellant. Connect shop air (max air pressure is 125 psi) to the flush gun.
11. Move air cutoff valve lever to the on position (lever parallel to valve body) (shown in Fig. 2.3).
12. During the flushing process, maintain a constant air pressure with the volume required to adequately remove the flush, oil and contaminants from the hose or component being flushed.
13. Flush each hose or component individually. DO NOT FLUSH the compressor, expansion valve, orifice tube, drier or accumulator.
14. With flush cylinder in upright position, insert flush nozzle into inlet of component to be flushed. Press control lever on flush nozzle until all flush, oil and contaminants have been removed from the component being cleaned. Repeat flushing procedure until all contaminants have been removed.
15. Components such as condensers or evaporators, after the initial flushing, wait 3 to 5 minutes; then run dry air through the component using the flushing kit without any flush. The air will remove the excess flush left in the component not removed during the initial flushing process. (always flush a component from top to bottom) DO NOT FLUSH parallel flow or serpentine condensers.
16. During the flushing process, the flush, oil and contaminants need to be captured in an appropriate container. This allows the technician to determine what type of contaminants were in the system. Contaminated flush should always be disposed in accordance with all local, state and federal laws.
17. After flushing, move air cutoff valve control lever to the off position (lever perpendicular to valve body) (fig 2.2).
18. Disconnect shop air from quick coupler.
19. Release air pressure in flush canister. Point flush nozzle into the container used to capture contaminated flush and slowly depress the flush nozzle lever.