

QUALITY TOOLS THAT GO TO WORK WITH YOU®



UNIWELD SOLUTION INJECTOR 4 OZ. CAPACITY WITH EZ-TURN ANTI-BLOWBACK FITTING

PART #USI4EZ

The Uniweld Solution Injector has a capacity of 4 fl. oz. and is used to inject solutions into an air conditioning and refrigeration system. It is constructed of rugged aluminum and has a maximum working pressure of 600 psi. It has a 1/4" Male Flare fitting with valve core at one end and a hand valve with a short length of hose and EZ-Turn Anti-Blowback fitting at the other end.



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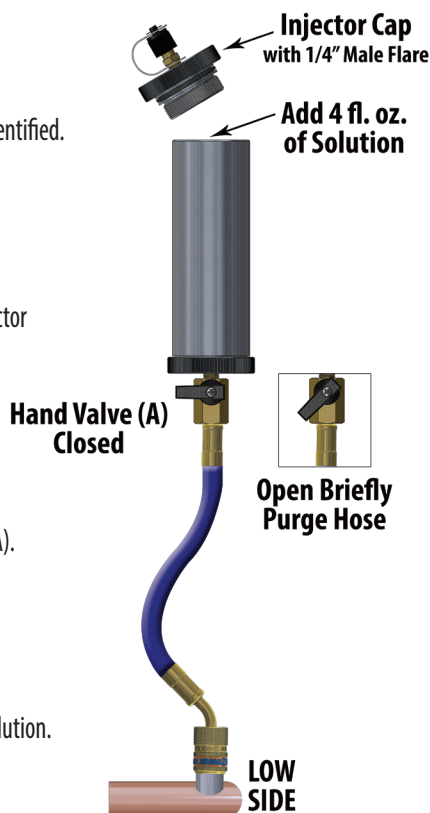
WARNING! When working with hazardous materials, always wear protective apparel and safety goggles.

STEP 1:

- Make sure system is running and low side and high side service ports are properly identified.
- Make sure injector hand valve (A) is closed. Connect injector blue hose to the low side service port.
- Unscrew the aluminum injector cap with the 1/4" M.F. fitting.
- Open injector hand valve (A) briefly to allow refrigerant gas to purge air out of the blue injector hose and close hand valve (A).

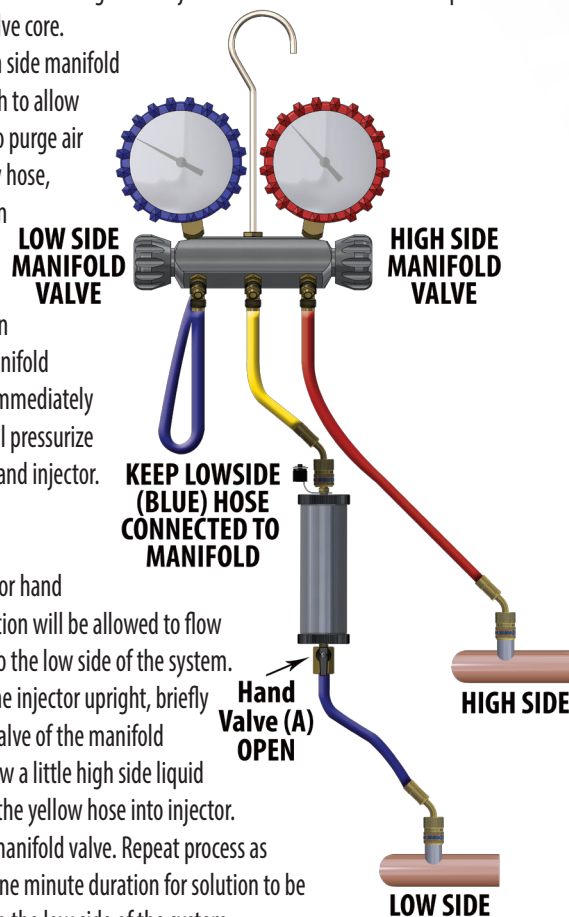
STEP 2:

- With the Injector Tool upright pour in 4 fl. oz. of solution.
- Attach injector cap with the 1/4" M.F. fitting hand tight to ensure a good seal is made.



STEP 3:

- Connect high side (red) hose of manifold gauge set to the discharge (high side) service port. Make sure both valves on manifold gauge set are closed.
- While keeping the injector upright, barely thread on the middle manifold hose (yellow) to the 1/4" M.F. fitting of the Injector Tool. Do **not** thread to the point of engaging the valve core.
- Barely open high side manifold valve just enough to allow refrigerant gas to purge air out of the yellow hose, then fully tighten hose nut onto the injector fitting. Fully open the high side manifold valve and then immediately close off. This will pressurize the yellow hose and injector.



STEP 4:

- Fully open injector hand valve (A) so solution will be allowed to flow from injector into the low side of the system.
- While keeping the injector upright, briefly open high side valve of the manifold gauge set to allow a little high side liquid to flow through the yellow hose into injector. Close high side manifold valve. Repeat process as necessary for a one minute duration for solution to be fully injected into the low side of the system.
- Close high side valve of the manifold gauge set and wait an additional one minute for the injector assembly to equalize to suction pressure.
- Fully close injector hand valve (A) and remove blue hose from low side service port.
- To release pressure from yellow hose, slowly disconnect from manifold. Point yellow hose toward the ground, slowly open injector hand valve (A) and equalize to atmospheric pressure.
- Disconnect yellow hose and attach tethered cap to protect threads and prevent contamination for future use.



MADE IN USA



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