



ATD-3545

A/C SYSTEM FLUSH KIT

INSTRUCTION MANUAL

WARNING

- **DO NOT EXCEED 150 PSI**
- **ALWAYS WEAR SAFETY GOGGLES & GLOVES.**
- **DO NOT SUPPLY AIR TO FLUSH CYLINDER UNTIL READY TO FLUSH.**
- **FLUSH ONLY DISCHARGED SYSTEMS OR COMPONENTS.**
- **REMOVE AIR SUPPLY BEFORE ADDING ADDITIONAL FLUSH SOLVENT.**
- **DO NOT LEAVE A PRESSURIZED FLUSHING CYLINDER UNATTENDED.**

- 1) Recover refrigerant from air conditioning system in accordance with local, state and federal laws.
- 2) Disconnect all hoses from the components in the system. Isolate the components to flush.
- 3) Remove and discard orifice tube from evaporator, condenser or hose or remove expansion valve.
- 4) Attach the flush hose to the bottom fitting on the flush cylinder. Attach the flush gun to the hose.
- 5) Fill the flush cylinder with 1 to 2 pints of flush solvent. Lubricate the O-ring seal and threads on the large nut and screw the nut onto the top of the cylinder. Make sure all connections are tight.
- 6) To avoid spraying of oil, flush, and other debris, attach a piece of hose to the end of the component being flushed. Place the hose end in a large bucket to capture the flush solvent. Dispose of flush solvent in accordance with local, state, and federal laws.
- 7) Attach your compressed air hose to the large nut on the cylinder. Hold flush cylinder in an upright position. Flushing will work effectively with air pressure of 90-150 psi. **DO NOT EXCEED 150PSI.**
- 8) Insert the probe end of the flush gun into end of component and press the flush gun lever.
- 9) Flush the component until all the flush solvent has passed through it. Wait 3 minutes and run dry air through the component again. **DISCONNECT** the air supply to the flush cylinder when not actually flushing.
- 10) Flush each component individually including hoses, condenser, and evaporator.
- 11) Do not flush the compressor, expansion valve, orifice tube, filter drier, or accumulator.
- 12) Install a new orifice tube if necessary. A new filter-drier or accumulator should be installed last. Replace all O-rings. Reassemble the system and add oil.
- 13) If the system is being retrofitted, install retrofit adapters and labels (see manufacturer's recommendations).
- 14) If compressor is not being replaced, the oil should be drained and replaced with the proper amount of clean refrigerant oil. If a replacement is being installed, check for correct amount of compressor oil.
- 15) Evacuate for 30 minutes and make sure the system holds a vacuum.
- 16) Add refrigerant and leak check.
- 17) Dispose of flush solvent, oil and debris in accordance with local, state, and federal laws.

Note: LUBRICATE FLUSH GUN PROBE END WITH REFRIGERANT OIL TO PREVENT STICKING.



ITEM#	ORDERING PART#	PART DESCRIPTION
1	PRT3545-01	BOTTLE
2	PRT3545-02	HOSE
3	PRT3545-03	GUN
4	PRT3545-04	HOOK
5	PRT3545-05	BRASS VALVE