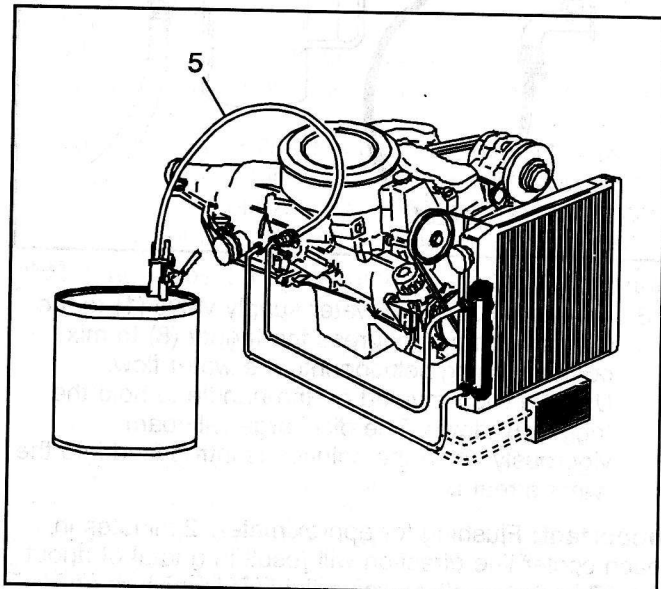


4. Turn the *J 35944-A* water supply valve (1) to the OFF position and turn OFF the water supply at the faucet.
5. Attach the shop air supply to the flushing system feed air valve (2) on the *J 35944-A* and blow out the water from the oil cooler and pipes. Continue until no water comes out of the discharge hose.

### Flow Check



652493

1. Disconnect both hoses from the oil cooler pipes. Connect the oil cooler feed pipe (bottom connector) to the transmission and the return pipe (top connector) (May require *J 35944-200*) to the discharge hose (5). Clip the discharge hose (5) onto the empty oil drain container.
2. Confirm the transmission is filled with automatic transmission fluid. Refer to *Fluid Capacity Specifications* for the correct automatic transmission fluid capacity.

3. Start the engine with the transmission in PARK range and run for 30 seconds. A minimum of 1.9 L (2 quarts) must be discharged during this 30 second run time.
  - If fluid flow is greater than 1.9 L (2 qt) in 30 seconds, proceed to step 4.
  - If fluid flow is less than 1.9 L (2 qt) in 30 seconds, perform the following diagnosis: Disconnect the oil cooler feed line at the radiator. Connect the discharge hose (5) to the cooler feed line. Clip the discharge hose (5) to the empty oil drain container. Start the engine with the transmission in PARK range and run for 30 seconds. A minimum of 1.9 L (2 quarts) must be discharged during this 30 second run time. Do the following according to the flow rate:
    - Insufficient feed flow: inspect the transmission.
    - Sufficient feed flow: inspect the oil cooler return pipe and the oil cooler (and auxiliary cooler, if equipped).
4. Remove the discharge hose (5), reconnect the cooler feed and return pipes to the transmission and refill the unit to the proper fluid level. Inspect the transmission oil cooler pipe connections at the radiator, the auxiliary cooler (if equipped) and the transmission for leaks. Refer to *Fluid Leak Diagnosis*.

### Clean-up

1. Disconnect the water supply hose from the *J 35944-A* and bleed any remaining air pressure from the flusher tank.
2. Remove the fill cap from the *J 35944-A* and return any unused flushing solution to its container. Rinse the *J 35944-A* with water. Do not store the *J 35944-A* with flushing solution in it.
3. After every third use, clean the *J 35944-A* as described in the instructions included with the tool.
4. Dispose of any waste water/solution and transmission fluid in accordance with local regulations.

### Transmission Overheats

Checks	Causes
TCC Circuit	Blockage during apply or release
Pump Cover (215)	Cross channel leakage
Pressure Regulator Valve (216)	The valve is stuck in a high demand position
Oil Cooler	The cooler or the cooler lines are blocked
Gasket (73)	The gasket is damaged
Turbine Shaft O-ring (618)	The O-ring is damaged
Turbine Shaft Seals (619)	The seals are damaged
Stator Shaft Bushings (234/241)	The bushing is worn or damaged
Fluid	The fluid level is low
Radiator	Air flow is restricted