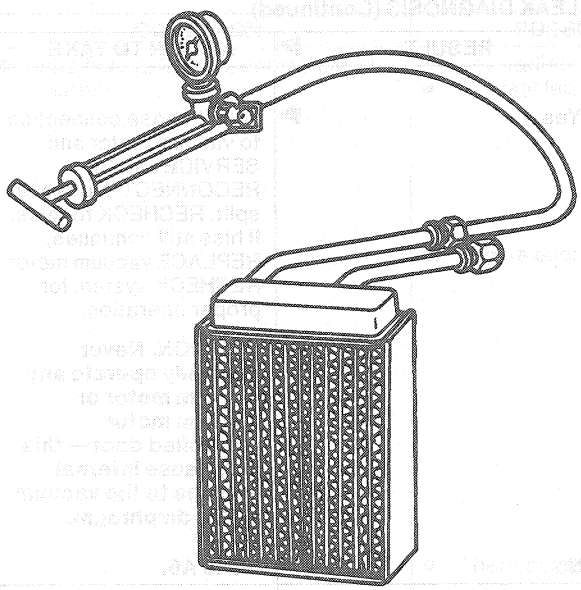
DIAGNOSIS AND TESTING (Continued)

Heater Core Bench Test



CCL 3540-A

4. Apply 241 kPa (35 psi) of air pressure to heater core with Rotunda Radiator / Heater Core Pressure Tester and submerge core in water.
5. If a leak is observed, service or replace heater core, as necessary.

PINPOINT TEST A:
MANUAL A / C-HEATER SYSTEM VACUUM LEAK DIAGNOSIS

TEST STEP		RESULT ▶	ACTION TO TAKE
A1	CHECK CONNECTORS		
	• Check in-line and control assembly multiple connectors for proper connection. • **Does hiss stop?**	Yes ▶	RECHECK system for proper operation.
		No ▶	GO to **A2.**
A2	DETERMINE LEAKING VALVE		
	• Rotate function knob to determine what selector switch positions are leaking. • **Do all positions leak?**	Yes ▶	GO to **A3.**
		No ▶	GO to **A5.**
A3	CHECK SOURCE TUBE		
	• Check vacuum source tube (black) from reservoir to control assembly for cut or disconnection. • **Does hiss stop?**	Yes ▶	SERVICE tube. RECHECK system for proper operation.
		No ▶	GO to **A4.**
A4	PINCH OFF SOURCE TUBE		
	• Pinch off source tube (black) at control assembly. • **Does hiss stop?**	Yes ▶	REPLACE function selector switch valve. RECHECK system for proper operation.
		No ▶	RECHECK source tube (black), connections, reservoir and check valve. SERVICE or REPLACE as required.