

DIAGNOSIS AND TESTING (Continued)

**PINPOINT TEST H:
MASTER CYLINDER DIAGNOSIS—
BRAKE WARNING LAMP ON (Continued)**

TEST STEP		RESULT	ACTION TO TAKE
H3	IGNITION WIRING CHECK		
	<ul style="list-style-type: none"> Check that ignition wiring is not within a 50.8mm (2-inches) radius of the reed switch Fluid Level Indicator (FLI) assembly. Is ignition wiring good? 	Yes No	GO to H4. REROUTE wiring as necessary.
H4	FLOAT ASSEMBLY CHECK		
	<ul style="list-style-type: none"> Check is float is stuck or if magnet is dislodged from float. Is float functional? 	Yes No	CHECK if ignition prove out circuit is working properly. REPLACE reservoir assembly.

TH4849C

**PINPOINT TEST I:
MASTER CYLINDER DIAGNOSIS
FRONT BRAKES DRAG**

TEST STEP		RESULT	ACTION TO TAKE
I1	VERIFY CONDITION		
	<ul style="list-style-type: none"> Road test vehicle and apply brakes. Are brakes functional? 	Yes No	Vehicle OK. INSPECT fluid control valve for contamination. (REFER to Fluid Control Valve Assembly procedure in this section). REPEAT I1.
		No	CHECK vacuum booster push rod adjustment. REPEAT I1.

TH6378B

PINPOINT TEST J: EXCESSIVE BRAKE PEDAL EFFORT OR VACUUM LEAKS

TEST STEP		RESULT	ACTION TO TAKE
J1	VERIFY CONDITION		
	<ul style="list-style-type: none"> With engine off, depress and release brake pedal five times to deplete all vacuum from booster. Depress pedal, hold with light pressure. Start engine. 	Pedal falls slightly, then holds Pedal does not hold	GO to J2. GO to J4.
J2	VACUUM BOOSTER LEAK TEST		
	<ul style="list-style-type: none"> Run engine to medium speed, release accelerator and turn engine off. Wait 90 seconds and apply brakes. Two or more applications should be power assisted. Does vacuum booster work? 	Yes No	Vehicle OK. GO to J3.
J3	POWER SECTION CHECK VALVE TEST		
	<ul style="list-style-type: none"> Disconnect vacuum hose for booster check valve at manifold. Blow into hose attached to check valve. Does air pass through valve? 	Yes No	INSTALL new check valve and REPEAT Step J2. REPLACE booster. REPEAT Step J1.