

DIAGNOSIS AND TESTING (Continued)

DIAGNOSIS AND TESTING (Continued)

**PINPOINT TEST D:
MASTER CYLINDER DIAGNOSIS
PEDAL IS LOW AND /OR FEELS SPONGY (Continued)**

TEST STEP		RESULT	ACTION TO TAKE
D2	FILLER CAP VENT CHECK <ul style="list-style-type: none"> Check if filler cap vent holes are clogged or dirty. Was a concern found? 	No	GO to D3.
		Yes	CLEAN as necessary. REPEAT Test D0.
D3	BLEED BRAKE SYSTEM <ul style="list-style-type: none"> Bleed brake system as described in this section. Is condition still present? 	No	Vehicle OK.
		Yes	GO to D4.
D4	FRONT HUB NUT CHECK <ul style="list-style-type: none"> Check front wheel hub nut for looseness (Refer to Section 04-01). Was hub nut loose? 	No	CHECK rear brake adjustment and ADJUST if necessary. REPEAT Test D0.
		Yes	REPLACE with new nut and stake. Do not reuse the nut. REPEAT Test D0.

TH4003C

**PINPOINT TEST E:
MASTER CYLINDER DIAGNOSIS—PEDAL EFFORT EXCESSIVE**

TEST STEP		RESULT	ACTION TO TAKE
E1	VERIFY CONDITION <ul style="list-style-type: none"> Depress brake pedal fully several times. 	Pedal is good	Vehicle OK.
		Pedal has long stroke and requires excessive effort	GO to E2.
E2	BRAKE PEDAL LINKAGE TEST <ul style="list-style-type: none"> Detach booster push rod from pedal pin and depress brake pedal fully. Did pedal move freely? 	Yes	CHECK booster vacuum availability as described under Vacuum Booster Diagnosis in this Section.
		No	SERVICE or REPLACE brake pedal linkage. REPEAT Test E1.

TH6375B

**PINPOINT TEST F:
MASTER CYLINDER DIAGNOSIS—
REAR BRAKE LOCKUP DURING LIGHT BRAKE PEDAL FORCE**

TEST STEP		RESULT	ACTION TO TAKE
F1	VERIFY CONDITION <ul style="list-style-type: none"> Road test vehicle and apply brakes lightly. Do brakes lockup? 	No	Vehicle OK.
		RH rear lockup	GO to F4.
		LH rear lockup	GO to F5.
		Both lockup	PERFORM Tests F4 and F5.
F2	TIRE INSPECTION <ul style="list-style-type: none"> Check for excessive tire wear or improper tire pressures. Are tires good? 	Yes	GO to F3.
		No	SUBSTITUTE known good tires if worn. INFLATE to proper pressure. REPEAT Test F1.