

DIAGNOSTIC TESTS (A-J) (Continued)

**PINPOINT TEST J:
POOR VEHICLE TRACKING DURING ANTI-LOCK FUNCTION
(WARNING INDICATOR OFF) (Continued)**

TEST STEP		RESULT	ACTION TO TAKE
J4	CHECK ANTI-LOCK OPERATION RH REAR WHEEL		
	<ul style="list-style-type: none"> ● Jump Pins 19 and 34 at breakout box. ● Short Pins 55, 18 and 60 to each other at breakout box. ● Apply moderate brake pedal effort. Check that RH rear wheel will not turn with ignition OFF. ● Check that RH rear wheel turns freely with ignition ON. <p>CAUTION: Do not leave ignition on for more than 1 minute or valve damage may result.</p>	<p>Wheel turns freely</p> <p>Wheel does not turn freely or pedal drops</p>	<p>TURN ignition switch OFF. DISCONNECT wire leads. GO to J5.</p> <p>VERIFY correct wiring between 55-pin connector and 19-pin connector on valve block per wiring diagram.</p> <p>If wiring is correct, REPLACE solenoid valve block.</p>
J5	CHECK ANTI-LOCK OPERATION LH REAR WHEEL		
	<ul style="list-style-type: none"> ● Jump Pins 19 and 34 at breakout box. ● Short Pins 36, 54 and 60 to each other at breakout box. ● Apply moderate brake pedal effort. Check that LH rear wheel turns freely with ignition ON. <p>CAUTION: Do not leave ignition on for more than 1 minute or valve damage may result.</p>	<p>Wheel turns freely</p> <p>Wheel does not turn freely or pedal drops</p>	<p>TURN ignition switch OFF. DISCONNECT wire leads and breakout box. LOWER vehicle. REVERIFY symptom.</p> <p>VERIFY correct wiring between 55-pin connector and 19-pin connector on valve block per wiring diagram.</p> <p>If wiring is correct, REPLACE solenoid valve block.</p>

TH7915B

REMOVAL AND INSTALLATION

Master Cylinder Reservoir Checking and Filling

Brake fluid level in the master cylinder reservoir should be between 4mm (0.16 inch) below the MAX line on the side of the reservoir and the MAX line. If brake fluid is low, the red BRAKE indicator will illuminate. To add brake fluid, clean and remove cap and pour clean brake fluid into the top of the reservoir. Fill to specification mentioned above. Use Heavy-Duty Brake Fluid C6AZ-19542-AA (ESA-M6C25-A) or DOT-3 equivalent. If brake fluid has to be added often, check all hydraulic connections for leaks.

Brake Booster Assembly**Removal**

1. With engine turned OFF, pump brake pedal until all vacuum is removed from booster. This will prevent master cylinder seal from being sucked into booster during disassembly.
2. Disconnect manifold vacuum hose from booster check valve.
3. Disconnect electrical connector from master cylinder reservoir cap (fluid level indicator).

4. Remove brake tubes from primary and secondary outlet ports of the master cylinder, and remove HCU supply hose. Plug ports and reservoir feed to prevent brake fluid from leaking onto paint and wiring.
5. Inside the passenger compartment, remove stoplamp switch wiring connector from switch (under instrument panel). Disengage pedal position switch from stud.
6. Remove hairpin retainer and outer nylon washer from pedal pin. Slide stoplamp switch off brake pedal just far enough for outer arm to clear pin.
7. Remove switch. Be careful not to damage switch during removal.
8. Remove booster-to-dash panel retaining nuts. Slide bushing and booster push rod off brake pedal pin.
9. From inside engine compartment, move booster forward until booster studs clear dash panel. Remove booster and master cylinder assembly.
10. Place booster and master cylinder assembly on a clean bench. Remove two nuts retaining master cylinder to booster. Slide master cylinder away from booster.