

DIAGNOSIS AND TESTING (Continued)

(Continued) DIAGNOSIS AND TESTING

PINPOINT TEST D: SPEED CONTINUOUSLY CHANGES UP AND DOWN (Continued)

TEST STEP	RESULT	ACTION TO TAKE
D7 CHECK SPEEDOMETER CABLES		
<ul style="list-style-type: none"> Check speedometer cables, if so equipped, for proper routing no sharp bends or binding. Are speedometer cables good? 	Yes No	GO to D8. SERVICE as required.
D8 TEST VSS		
<ul style="list-style-type: none"> Perform vehicle speed sensor test as outlined. Is test successful? 	Yes No	GO to D9. REPLACE VSS.
D9 CHECK SPEED CONTROL METERING (DUMP) VALVE		
<ul style="list-style-type: none"> Check speed control metering (dump) valve. Is dump valve OK? 	Yes No	GO to D10. SERVICE or ADJUST as required.
D10 TEST SPEED CONTROL AMPLIFIER		
<ul style="list-style-type: none"> Perform speed control amplifier test as outlined. Is test successful? 	Yes No	REPLACE speed control amplifier. CHECK circuit connections for good contacts. SERVICE as required.

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PINPOINT TEST E: SPEED CONTROL DOES NOT DISENGAGE WHEN BRAKES ARE APPLIED

TEST STEP	RESULT	ACTION TO TAKE
E1 VERIFY THE CONDITION		GO to E2.
E2 CHECK STOPLAMPS		
<ul style="list-style-type: none"> Apply brakes and observe stoplamps. Do stoplamps operate? 	Yes No	GO to E3. SERVICE stoplamp circuit as required. VERIFY fuses are not open. GO to E3.
E3 CHECK SPEED CONTROL METERING (DUMP) VALVE		
<ul style="list-style-type: none"> Check speed control metering (dump) valve. Is speed control metering (dump) valve ok? 	Yes No	GO to E4. ADJUST or SERVICE as required.
E4 CHECK SPEED CONTROL SERVO		
<ul style="list-style-type: none"> Check speed control servo operation and throttle linkage. Are speed control servo operation and linkage OK? 	Yes No	GO to E5. REPLACE speed control servo.
E5 TEST SPEED CONTROL AMPLIFIER		
<ul style="list-style-type: none"> Perform Speed Control Amplifier Amplifier Test as outlined. Is test successful? 	Yes No	REPLACE speed control amplifier. CHECK contacts of electrical connector. SERVICE as required.

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