

DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST B
SPEED CONTINUOUSLY CHANGES (Continued)

TEST STEP	RESULT	ACTION TO TAKE
B2 CHECK FOR BINDING IN ACTUATOR CABLE AND THROTTLE BODY LINKAGE		
<ul style="list-style-type: none"> ● Check to be sure actuator cable is attached to throttle linkage / speed control servo linkage. ● Check for binding or sticking of actuator cable or throttle linkage and throttle plate. ● Make sure accelerator cable bracket and speed control servo bracket are not loose. ● Are components OK? 	Yes No	GO to B3. SERVICE as required.
B3 CHECK VSS		
<ul style="list-style-type: none"> ● Remove VSS connector. ● Measure resistance across VSS terminals. ● Is resistance between 200 and 300 ohms? 	Yes No	GO to B4. SERVICE VSS or circuit as required.
B4 CHECK SPEED CONTROL SERVO		
<ul style="list-style-type: none"> ● Substitute known good speed control servo. ● Test vehicle for proper operation. ● Does system operate properly? 	Yes No	REPLACE speed control servo. CHECK manifold absolute pressure sensor and EVP.

PINPOINT TEST C
COAST/TAP-DOWN INOPERATIVE

TEST STEP	RESULT	ACTION TO TAKE
C1 CHECK COAST SWITCH OPERATION		
<ul style="list-style-type: none"> ● Disconnect 14290 harness connector from speed control servo. ● With COAST switch depressed, measure resistance between Pin 5 (command RTN, Circuit 151) and Pin 6 (command RTN, Circuit 461) while rotating steering wheel through full range. ● Is resistance between 114 and 126 ohms? 	Yes No	GO to C2. REPLACE switch.
C2 CHECK COMMAND SWITCH RETURN CIRCUIT		
<ul style="list-style-type: none"> ● Measure resistance between Pin 6 (command RTN, Circuit 461) and Pin 10 (GND, Circuit 57). ● Is resistance greater than 1 ohm? 	Yes No	REPLACE speed control servo. SERVICE short in switch return circuit.

PINPOINT TEST D
ACCEL/TAP-UP INOPERATIVE

TEST STEP	RESULT	ACTION TO TAKE
D1 CHECK ACCEL/TAP-UP SWITCH OPERATION		
<ul style="list-style-type: none"> ● Disconnect 14290 harness connector from speed control servo. ● With ACCEL/TAP-UP switch depressed, measure resistance between Pin 5 (command, Circuit 151) and Pin 6 (command RTN, Circuit 461) while rotating steering wheel through full range. ● Is resistance between 646 and 714 ohms? 	Yes No	GO to D2. REPLACE switch.
D2 CHECK COMMAND SWITCH RETURN CIRCUIT		
<ul style="list-style-type: none"> ● Measure resistance between Pin 6 (command RTN, Circuit 461) and Pin 10 (GND, Circuit 57). ● Is resistance greater than 1 ohm? 	Yes No	REPLACE speed control servo. SERVICE short in switch return circuit.