

DIAGNOSIS AND TESTING (Continued)

REMOVAL AND INSTALLATION (Continued)

**PINPOINT TEST Q
NO CODES, CODES NOT LISTED**

TEST STEP		RESULT	ACTION TO TAKE
Q1	SELF-TEST INPUT CONTINUITY CHECK		
	<ul style="list-style-type: none"> ● Key OFF, wait 10 seconds. ● Disconnect powertrain control module 60-Pin connector. Inspect for damaged pins, corrosion, loose wires, etc. Service as necessary. ● Install breakout box, leave powertrain control module disconnected. ● Set DVOM to 200 ohm scale. ● Measure resistance between Self Test input at the Self Test single pin connector and test Pin 48 at the breakout box. ● Is resistance less than 5 ohms? 	Yes No	GO to Q2. CORRECT open in circuit.
Q2	SELF-TEST OUTPUT CIRCUIT CONTINUITY CHECK		
	<ul style="list-style-type: none"> ● Breakout box installed. ● DVOM to 200 ohm scale. ● Measure resistance between Self-Test output at the data-link connector (DLC) and test Pin 17 at the breakout box. ● Is resistance less than 5 ohms? 	No Yes	CORRECT open in circuit. GO to Q3.
Q3	EGO SENSOR GROUND CONTINUITY CHECK		
	<ul style="list-style-type: none"> ● Breakout box installed. ● Key OFF. ● Measure resistance between EGO ground on engine and test Pin 49 at the breakout box. ● Is resistance less than 5 ohms? 	Yes No	GO to Q4. CHECK and SERVICE EGO sensor ground wire or open circuit bad connection.
Q4	STO SHORT TO GROUND		
	<ul style="list-style-type: none"> ● Breakout box installed. ● DVOM on 200,000 ohm scale. ● Measure resistance between Self Test output at the DLC and engine block ground. ● Is resistance greater than 10,000 ohms? 	Yes No	REPLACE powertrain control module. REPEAT Quick Test. SERVICE shorts to ground. REPEAT Quick Test.

TL5153C

REMOVAL AND INSTALLATION

Speed Control Servo Assembly

Removal

1. Remove screw and disconnect speed control actuator cable from accelerator cable bracket.

2. Disconnect speed control actuator cable with adjuster from accelerator cable.