

DIAGNOSIS (Continued)

PINPOINT TEST C: POWER SEAT DOES NOT MAKE FULL TRAVEL

TEST STEP		RESULT	ACTION TO TAKE
C1	VERIFY CONDITION		
	<ul style="list-style-type: none"> Operate power seat and verify that seat mechanism does not make full travel. Does mechanism make full travel? 	Yes No	Power seat OK. GO to C2.
C2	TRACK OBSTRUCTION		
	<ul style="list-style-type: none"> Check for an obstruction in track mechanism. Is mechanism obstructed? 	Yes No	Remove obstruction, GO to C1. GO to D1.

TR3540F

PINPOINT TEST D: TRACK DOES NOT MOVE HORIZONTALLY AND/OR VERTICALLY

TEST STEP		RESULT	ACTION TO TAKE
D1	VERIFY CONDITION		
	<ul style="list-style-type: none"> Operate power seat and verify condition. Is power seat functional? 	Yes No	Power seat OK. GO to D2.
D2	POWER CHECK		
	<ul style="list-style-type: none"> Disconnect motor leads from harness. Check for voltage at power seat harness when switch is activated. Is voltage present? 	Yes No	REMOVE and REPLACE motor and transmission assembly. REPEAT Step D1. GO to D3.
D3	TEST POWER SEAT SWITCH		
	<ul style="list-style-type: none"> Test power seat switch. Is switch functional? 	Yes No	GO to D4. REPLACE switch assembly. REPEAT Step D1.
D4	CHECK MOTOR GROUND CONNECTIONS		
	<ul style="list-style-type: none"> Check power seat motor for tight ground connections. Are ground connections tight? 	Yes No	CHECK for damaged connectors, shorts or open circuit. SERVICE as necessary. REPEAT Step D1. TIGHTEN ground connection. REPEAT Step D1.

TR6590C

PINPOINT TEST E: POWER SEAT MOTOR DIAGNOSIS

TEST STEP		RESULT	ACTION TO TAKE
E1	CHECK MOTOR OPERATION		
	<ul style="list-style-type: none"> Disconnect leads from motor. Connect jumper wires from battery positive and negative to motor terminals. Motor should operate in one direction. Does motor operate in one direction? 	Yes No	GO to E2. REPLACE motor.
E2	REVERSE JUMPER WIRES		
	<ul style="list-style-type: none"> Reverse jumper wires to motor. Motor should operate in opposite direction. Does motor operate in opposite direction? 	Yes No	Motor OK. Concern is elsewhere in system. REPLACE motor.

TR3576B