





## DTC 66 V8 PCM

### 3-2 CONTROL SOLENOID OR QDM 2 CIRCUIT FAULT

STEP	ACTION	VALUE	YES	NO
1.	Was the "On-Board Diagnostic" (OBD) System Check performed?		Go to Step 2	Go to <a href="#">OBD System Check</a>
2.	1. Install Tech 1 "Scan" tool. 2. Ignition "ON". 3. Record then clear DTCs. 4. Ignition "OFF" for 10 seconds. 5. Start engine and idle for 10 seconds. 6. Place vehicle in "D" and accelerate to 2nd gear. 7. Did DTC 66 reset?		Go to Step 3	DTC 66 is intermittent. If no additional DTC's were stored, refer to "Diagnostic Aids" on facing page.
3.	1. Ignition "OFF". 2. Raise vehicle. 3. Disconnect transmission Pass-Thru connector. 4. Connect jumper harness J 39775 to transmission only. 5. Using ohmmeter measure resistance across harness terminals "E" and "S" at the free end of jumper harness. 6. Was ohmmeter reading within specified value?	9 to 14 ohms	Go to Step 4	If more than specified value, Go to Step 9
4.	1. Disconnect jumper harness J 39775 from transmission, and connect other end into powertrain harness.		Go to Step 5	If less than specified value, Go to Step 12
			Go to Step 5	Go to Step 13

	2. Ignition "ON".		
	3. Using DVM check for battery voltage at terminal "E" of the powertrain wiring harness.		
	4. Is battery voltage present?		
5.	1. Ignition "ON". 2. With test light connected to +12 volts, probe powertrain wiring harness terminal "S". 3. Is test light "OFF"?	Go to Step 6	Go to Step 14
6.	1. Ignition "ON". 2. With test light connected to earth, probe powertrain harness terminal "S". 3. Is test light "OFF"?	Go to Step 7	Go Step 17
7.	1. Ignition "ON". 2. Backprobe PCM connector terminal for circuit 897 with test light connected to +12 volts. 3. Using Tech 1 "Scan" tool, select "FO: DATA LIST" and then "FO: ALL" does "3-2 Sol. FDBK" display "OFF"?	Go to Step 8	Go to Step 15
8.	1. Repair open in circuit 897 or faulty connection at pass-thru connector. 2. Is action complete ?	Verify Repair	
9.	1. Check for faulty connection. 2. Was a faulty connection found?	Verify Repair	Go to Step 10
10.	1. Check for a open in transmission internal wiring harness. 2. Was a open found?	Verify Repair	Go to Step 11
11.	1. Replace faulty 3-2 control solenoid. 2. Is action complete?	Verify Repair then go to OBD system check	
12.	1. Check for a short to earth in transmission internal wiring harness. 2. Was a short to earth found?	Verify Repair	Go to Step 11
13.	1. Repair faulty transmission fuse F12 or short to earth in circuit 339. 2. Is action complete?	Verify Repair	
14.	1. Check for short to earth on circuit 897. 2. Was a fault found?	Verify Repair	Go to Step 16
15.	1. Check for poor connection at PCM. 2. Was a fault found?	Verify Repair	Go to Step 16
16.	Replace faulty PCM. Is action complete ?	Verify Repair	
17.	1. Repair short to voltage on circuit 897. 2. Is action complete?	Verify Repair	