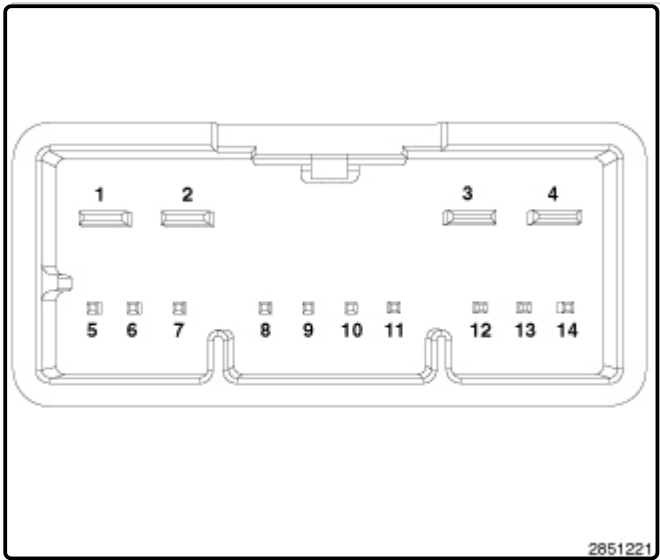


POWER LOCK SWITCH DIAGNOSIS

DIAGNOSIS AND TESTING - LOCK SWITCH

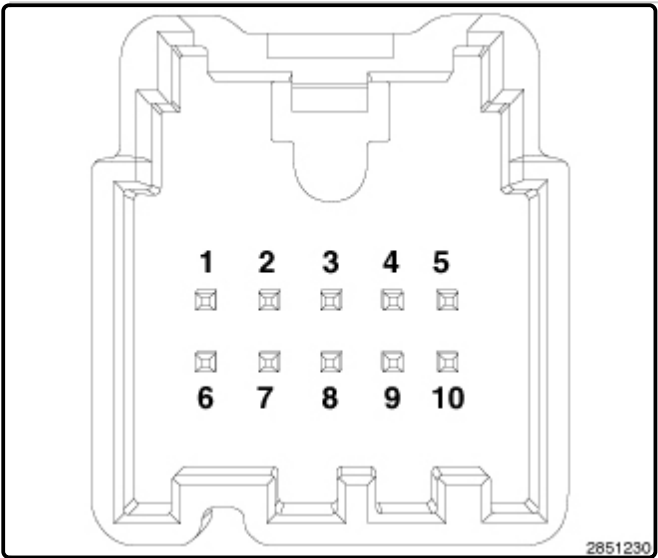


Driver Front Door Switch Module Connector Receptacle

- 1. Remove the power switch module and bezel unit from the front door trim panel. (Refer to 08 - Electrical/8N - Power Systems/Power Locks/SWITCH, Lock - Removal) .
- 2. Disconnect the door wire harness connector from the power switch module.
- 3. Using an ohmmeter, test the resistance between the terminals of the front door power lock or power window switch as shown in the Power Lock or Power Window Switch Tests table.

NOTE:

The switches in the driver front door switch module not listed in the Switch Test Tables provide inputs to the Driver Door Module (DDM) over a Local Interface Network (LIN) data bus and cannot be resistance tested. The use of a diagnostic scan tool and the appropriate diagnostic information is required for further testing of those switches.



Passenger Front Door Switch Module Connector Receptacle

POWER LOCK SWITCH TESTS - PASSENGER DOOR	
SWITCH POSITION (PINS)	RESISTANCE RANGE (OHMS)
LOCK (4 and 8)	326 - 341
UNLOCK (4 and 8)	99 - 103
NEUTRAL (4 and 8)	>1 megohm
POWER WINDOW SWITCH TESTS - DRIVER DOOR	
SWITCH POSITION (PINS)	RESISTANCE (OHMS)
MASTER LEFT REAR WINDOW	
UP SWITCH - NEUTRAL (2 and 5)	>1 megohm
UP SWITCH - UP (2 and 5)	<2
DOWN SWITCH - NEUTRAL (2 and 7)	>1 megohm
DOWN SWITCH - DOWN (2 and 7)	<2
MASTER RIGHT REAR WINDOW	
UP SWITCH - NEUTRAL (2 and 12)	>1 megohm
UP SWITCH - UP (2 and 12)	<2
DOWN SWITCH - NEUTRAL (2 and 14)	>1 megohm
DOWN SWITCH - DOWN (2 and 14)	<2
POWER WINDOW SWITCH TESTS - PASSENGER DOOR	
SWITCH POSITION (PINS)	RESISTANCE RANGE (OHMS)
UP (4 and 9)	990 - 1022
AUTO UP (4 and 9)	329 - 349
DOWN (4 and 9)	2970 - 3042
AUTO DOWN (4 and 9)	0 - 12
NEUTRAL (4 and 9)	>1 megohm

4. If a switch fails any of the tests, replace the ineffective front door power switch module and bezel unit as required.