



YOUR CURRENT VEHICLE

2018 Chrysler Pacifica



## Diagnosis & Testing - Power Sliding Door System

### DIAGNOSIS AND TESTING - POWER SLIDING DOOR SYSTEM

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The power sliding door system was designed to be diagnosed with an appropriate diagnostic scan tool. The most reliable, efficient, and accurate means to diagnose the power sliding door system requires the use of a scan tool and the proper diagnostic procedures information. The scan tool can be used to observe various switch statuses throughout the power sliding door system to help the technician diagnose a defective switch or component. The scan tool can also be used to actuate various components throughout the power sliding door system to help the technician diagnose a defective component.

In order to obtain conclusive testing of the power sliding door system, the Controller Area Network (CAN) data bus, and all of the electronic modules that provide inputs to, or receive outputs from the power sliding door system components must be checked. **Any diagnosis of the power sliding door system should begin with, the use of a scan tool and the appropriate diagnostic service information.**

**Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.**

#### NOTE

Before any testing of the power sliding door system is attempted, the battery should be fully-charged.

The following are quick reference diagnostic tables to help when diagnosing and testing the power sliding door system.

### SYMPTOM DRIVEN POWER SLIDING DOOR SYSTEM

#### SYMPTOM DRIVEN POWER SLIDING DOOR SYSTEM DIAGNOSIS

CONDITION	POSSIBLE CAUSES	CORRECTION
Door opens unexpectedly	Inoperative Power Sliding Door Control Module (PSDM), Instrument Cluster (IC) or Body Control Module (BCM)	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exists check for loose wire connections, Refer to the

CONDITION	POSSIBLE CAUSES	CORRECTION
		appropriate wiring information for complete circuit schematic or connector pin-out information.
	Inoperative latch assembly	Check wiring/cable connections
		Check for DTCs, replace latch if necessary
	Inoperative open/close command switch	Check for shorted or defective switch
		Check for shorted switch signal wiring. Repair as necessary
	Inoperative striker	Striker misaligned or loose. Adjust as necessary, ( <a href="#">Refer to Body/Doors - Sliding/DOOR, Sliding/Adjustments</a> )
		Striker damaged
		Replace striker if necessary
Door will not open manually using inside handle	The child lock out switch is in the "LOCKED" position	Ensure the child lock out switch is in the "UNLOCKED" position
	Inoperative inside handle assembly	Check for broken inside handle assembly
		Check cable connections at latch and handle assembly
		Check for binds or kinks in cable.
		Check for foreign matter preventing the operation of handle assembly
		Replace the handle if necessary
	Inoperative latch assembly	Check cable connections
		Check for foreign matter preventing the operation of latch assembly
		Replace latch if necessary

CONDITION	POSSIBLE CAUSES	CORRECTION
	Inoperative inside handle cable assembly	Check cable for binding
		Check cable for broken condition
		Replace the cable, if necessary
	Binding or sticking of components	Check for foreign matter preventing the operation of door
		Establish location of binding
		Replace necessary components
Door will not open manually using outside handle	Inoperative outside handle assembly	Check for broken outside handle assembly
		Check cable connections at latch and handle assembly.
		Check for binds or kinks in cable.
		Check for foreign matter preventing the operation of handle assembly
		Replace the handle if necessary
	Inoperative latch assembly	Check cable connections
		Check for foreign matter preventing the operation of latch assembly
		Replace latch assembly, if necessary
	Inoperative outside handle cable assembly	Check cable for binding
		Check cable for broken condition
		Replace the cable, if necessary
	Binding or sticking	Check for foreign matter preventing the operation of door

CONDITION	POSSIBLE CAUSES	CORRECTION
	of components	
		Establish location of binding
		Replace necessary components
Sliding door will not open/close manually	Binding or sticking of components	Establish location of binding. Replace necessary components
	Inoperative latch assembly	Check cable connections
		Check for foreign matter preventing the operation of latch assembly
		Replace latch assembly, if necessary
Sliding door will not open/close under power	Binding or sticking of components	Open and close door manually to assess binding or high effort to move door. Establish location of binding and replace necessary components
	Inoperative PSDM, IC or BCM	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exists check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
	Inoperative latch assembly	Check for blown fuse and wire connections
		Check cable connections
		Check for foreign matter preventing the operation of latch assembly
		Troubleshoot using the proper diagnostic procedures information.
		Replace latch assembly, if necessary
	Inoperative power sliding door drive assembly	Troubleshoot using the proper diagnostic procedures information.

CONDITION	POSSIBLE CAUSES	CORRECTION
	Inoperative full open switch	Troubleshoot using the proper diagnostic procedures information.
	Wiring problems (system or vehicle)	Check for open/shorted wiring and loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
Power open/close obstacles	Binding or sticking of components	Open and close door manually to ensure smooth operation of hinges and rollers. Establish location of binding and repair or replace components as necessary
		Check for debris or foreign material in lower door track area. Repair as necessary
	Low battery voltage	Check vehicle charging system operation. Repair charging system and charge battery as necessary
	Inoperative striker	Striker misaligned or loose. Adjust as necessary, ( <a href="#">Refer to Body/Doors - Sliding/DOOR, Sliding/Adjustments</a> )
		Striker damaged
		Repair or replace striker if necessary
	Inoperative latch assembly	Check for foreign matter preventing the operation of latch assembly
		Check wire connection
		Pawl and/or ratchet switch inoperative
		Full open switch inoperative
		Replace latch if necessary
	Inoperative hold open latch cable	<p><b>NOTE</b></p> <p>Inspect for damage to lower hinge assembly and hold open latch. Slack should be visible in hold open latch cable without tension on latch. If no slack is present or damage to components is visible, repair or replace components as necessary.</p>

CONDITION	POSSIBLE CAUSES	CORRECTION
		Check tension on hold open latch cable
		Replace hold open latch cable, if necessary
	Inoperative power sliding door drive assembly	Troubleshoot using the proper diagnostic procedures information.
		Check for loss of signal between PSDM and drive assembly motor
		Check wire connections
		Replace power sliding door drive assembly if necessary
	Stuck or intermittent inside/outside handle switch signal	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring door handle switch status with the scan tool. If handle switch status is inaccurate, replace the switch as necessary. If no handle switch problem exists check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
		Repair or replace handle switch as necessary
	Wiring problems (system or vehicle)	Check for open/shorted wiring and loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
Power loss during power door operation	Wiring problems (system or vehicle)	Check for open/shorted wiring and loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
	Low battery voltage	Check vehicle charging system operation. Repair charging system and charge battery as necessary
	Inoperative PSDM, IC or BCM	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exists check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.

CONDITION	POSSIBLE CAUSES	CORRECTION
	Inoperative power sliding door drive assembly	Troubleshoot using the proper diagnostic procedures information.
No latching in primary and/or secondary positions	Inoperative inside/outside handle assembly	Go to that "POSSIBLE CAUSE" and review "CORRECTIONS"
	Inoperative latch assembly	Check wire connections and for blown fuse
		Check cable connections
		Check for foreign matter preventing the operation of latch assembly
		Troubleshoot using the proper diagnostic procedures information.
		Replace latch assembly, if necessary
	Binding or sticking of components	Establish location of binding and replace necessary components
	Inoperative PSDM, IC or BCM	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exists check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
	Door seal force too high	Inspect seals for damage, mis-assembly, foreign matter. ( <a href="#">Refer to Body/Doors - Sliding/DOOR, Sliding/Adjustments</a> ) for door adjustment procedure and specifications
	Inoperative power sliding door drive assembly	Troubleshoot using the proper diagnostic procedures information.
	Inoperative striker	Striker misaligned or loose. Adjust as necessary, ( <a href="#">Refer to Body/Doors - Sliding/DOOR, Sliding/Adjustments</a> )
		Striker damaged

CONDITION	POSSIBLE CAUSES	CORRECTION
		Repair or replace striker if necessary
Latch drags or hesitates during cinch operation	Inoperative latch assembly	Partially open effected power sliding door. Use a screwdriver to place latch in the secondary position, latch should start to cinch. Observe latch to confirm smooth operation of cinch function. If latch is dragging, hesitating then resuming, fails to cinch completely or is humming excessively, replace latch assembly.
Latch will not fully release from primary position	Inoperative latch assembly	Check wire connections and for blown fuse
		Check cable connections
		Check for foreign matter preventing the operation of latch assembly
		Troubleshoot using the proper diagnostic procedures information.
		Replace latch assembly, if necessary
	Inoperative fuel filler door lockout mechanism	Check operation of fuel filler door lockout mechanism.
	Inoperative PSDM, IC or BCM	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exists check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
	Inoperative striker	Striker misaligned or loose. Adjust as necessary, ( <a href="#">Refer to Body/Doors - Sliding/DOOR, Sliding/Adjustments</a> )
		Striker damaged
		Repair or replace striker if necessary
	Cables worn and stretched	Replace cables as necessary
	Binding or sticking of components	Establish location of binding and repair or replace necessary components

CONDITION	POSSIBLE CAUSES	CORRECTION
Key fob, B-pillar or overhead console switch does not operate power sliding door	Blown Fuse	Check fuse and replace
	Battery voltage low	Check vehicle charging system operation. Repair charging system and charge battery as necessary
	Inoperative latch assembly	Check for foreign matter preventing the operation of latch assembly
		Check wire connection
		Pawl and/or ratchet switch inoperative
		Full open switch inoperative
		Replace latch if necessary
	Wiring problems (system or vehicle)	Check for open/shorted wiring and loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
	Inoperative PSDM, IC or BCM	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exists check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
	Inoperative key fob	Verify inoperative key fob by trying other key fob functions
		Replace key fob battery
		Reprogram key fob
		Replace key fob if necessary
	Inoperative power sliding door drive assembly	Troubleshoot using the proper diagnostic procedures information.

CONDITION	POSSIBLE CAUSES	CORRECTION
		Check for foreign matter preventing the operation of gear motor assembly
		Check wire connections
		Replace power sliding door drive assembly if necessary
Door does not stay open	Inoperative hold open latch assembly	Check wire/cable connections  Replace hold open latch, if necessary
	Inoperative hold open latch striker	Replace hold open latch striker, if necessary
High inside/outside opening effort	Inoperative latch assembly	Check wire connections and for blown fuse
		Check cable connections
		Check for foreign matter preventing the operation of latch assembly
		Troubleshoot using the appropriate diagnostic procedures information
		Replace latch assembly, if necessary
	Inoperative inside/outside handle assembly	Go to that "POSSIBLE CAUSE" and review "CORRECTIONS"
	Binding or sticking of components	Establish location of binding and repair or replace components as necessary
Latch overcinch or lack of cinch	Latch assembly pawl switch inoperative	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring pawl switch status with the scan tool. Close effected door to the primary position. Pawl switch should read "ON" with latch released and "OFF" with latch cinched. Slam door aggressively to the primary position and recheck pawl switch readings. If pawl switch status is inaccurate in any of the tests, replace the switch as necessary. If no pawl switch problem exists check for loose wire

CONDITION	POSSIBLE CAUSES	CORRECTION
		connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
Door continues to cinch closed during power mode	Inoperative latch assembly	Check wire connections and for blown fuse
		Check for foreign matter preventing the operation of latch assembly
		Troubleshoot using the appropriate diagnostic procedures information
		Replace latch assembly, if necessary
	Inoperative PSDM, IC or BCM	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exists check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
	Wiring problems (system or vehicle)	Check for open/shorted wiring and loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
Door continues to open during power mode (runaway motor)	Inoperative PSDM, IC or BCM	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). Diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exists check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
	Inoperative hold open latch assembly	Check wire/cable connections
		Replace hold open latch, if necessary
	Inoperative power sliding door drive assembly	Troubleshoot using the proper diagnostic procedures information.

CONDITION	POSSIBLE CAUSES	CORRECTION
		Check for foreign matter preventing the operation of gear motor assembly
		Check wire connections
		Replace power sliding door drive assembly if necessary
	Wiring problems (system or vehicle)	Check for open/shorted wiring and loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
Door opens very slowly	Inoperative power sliding door drive assembly	Troubleshoot using the proper diagnostic procedures information.
		Check for foreign matter preventing the operation of gear motor assembly
		Check wire connections
		Replace power sliding door drive assembly if necessary
	Binding or sticking of components	Establish location of binding and repair or replace necessary components
Squeaks, noises and rattles	Foreign material in door compartment	Remove foreign material
	Loose components	Check and tighten loose components as necessary
	Missing stabilizers, bumpers or anti-rattle components	Check to ensure components are present. Replace as necessary
	Misadjusted stabilizers, bumpers or anti-rattle components	Adjust components as necessary
	Poor door track lubrication	Lubricate the front portions of the side door tracks with "Door Ease®" or equivalent
	Clicking noise when door opens/closes and stops. Have to	Perform power sliding door learn cycle, ( <a href="#">Refer to Electrical/Power Sliding Door/Standard Procedure</a> ).

CONDITION	POSSIBLE CAUSES	CORRECTION
	manually close/open door.	

## POWER SLIDING DOOR SYSTEM INHIBITORS

The power sliding door system is designed with a number of system inhibitors. These inhibitors are necessary for safety and feasibility of the power sliding door system. Refer to power sliding door system inhibitors noted below:

- The Power Sliding Door Control Module (PSDM) will inhibit operation of the power sliding door in extreme temperatures. These temperatures will be approximately -22° F (-33° C) and 149° F (65° C). The thermistor assembly internal to the PSDM monitors the temperature.
- The vehicle's transmission must be in park or neutral for the power sliding door to operate.
- The vehicle's speed must be zero for the power sliding door to operate.
- The vehicle's electrical system voltage must be within specification for the power sliding door system to operate. A low-voltage cut-off is built into the power sliding door system to prevent the vehicle's battery from discharging to the point where the vehicle cannot be operated. The PSDM operating voltage is 10.5 volts - 16 volts.
- If the vehicle's ignition switch is in the "START" position, the power sliding door will pause.
- If multiple obstacles are detected during the same power open or close cycle, the PSDM will abort that power cycle and go into full manual operation.
- If severe Diagnostic Trouble Codes (DTC's) are stored in the PSDM the system may not operate.

## POWER SLIDING DOOR SYSTEM INHIBIT MONITORS

The following is a list of inhibit monitors as observed by an appropriate scan tool.

### POWER SLIDING DOOR SYSTEM INHIBIT MONITORS TABLE

INHIBIT MONITOR	POSSIBLE CAUSES	CORRECTION
OPEN INHIBIT - VOLTAGE TOO LOW	Low or dead battery	Charge or replace battery
CLOSE INHIBIT - VOLTAGE TOO LOW	Power or ground to the power sliding door control module	Check power/ground circuits and repair as necessary
	Inaccurate voltage reading from the power sliding door control module	Compare the power sliding door control module battery reading through the scan tool with a voltmeter reading at the power sliding door control module power/ground

INHIBIT MONITOR	POSSIBLE CAUSES	CORRECTION
		connections. If a voltage difference of 0.5V or greater is present replace the power sliding door control module
OPEN INHIBIT - VOLTAGE TOO HIGH	Charging system over voltage concern	Diagnose charging system and repair as necessary
CLOSE INHIBIT - VOLTAGE TOO HIGH	Inaccurate voltage reading from the power sliding door control module	Compare the power sliding door control module battery reading through the scan tool with a voltmeter reading at the power sliding door control module power/ground connections. If a voltage difference of 0.5V or greater is present replace the power sliding door control module
OPEN INHIBIT - TEMPERATURE TOO LOW	Temperature was below -30°C (-22°F) when the operation was attempted	Inform customer of temperature operating range
CLOSE INHIBIT - TEMPERATURE TOO LOW	Inaccurate temperature reading from the power sliding door control module	Allow vehicle to sit in a constant temperature environment for one hour with the effected sliding door open. Check the power sliding door control module temperature reading using a scan tool. If the reading is greater than 4.5°C (8°F) off, replace the power sliding door control module
OPEN INHIBIT - TEMPERATURE TOO HIGH	Temperature was above 65°C (149°F) when the operation was attempted	Inform customer of temperature operating range
CLOSE INHIBIT - TEMPERATURE TOO HIGH	Inaccurate temperature reading from the power sliding door control module	Allow vehicle to sit in a constant temperature environment for one hour with the effected sliding door open. Check the power sliding door control module temperature reading using a scan tool. If the reading is greater than 4.5°C (8°F) off, replace the power sliding door control module
OPEN INHIBIT - NOT IN PARK/NEUTRAL	Operator attempted "power open" when vehicle was not in Park/Neutral	Inform customer of operating restrictions
	Ignition status problem	Verify the ignition switch status reads correctly using a scan tool. Repair as necessary
	Transmission range sensor problem	Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify PRNDL status reads correctly. If NOT OK, verify proper operation of the transmission range sensor, repair as necessary.

<b>INHIBIT MONITOR</b>	<b>POSSIBLE CAUSES</b>	<b>CORRECTION</b>
	Overhead console switch	Using a scan tool, observe overhead console switch reading. Verify the reading is correct under different voltage and driving conditions. Repair as necessary
	Key fob/Radio Frequency Hub Module (RFHM)	Verify proper operation of the key fob and keyless and passive entry system. Repair as necessary
	B-pillar switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the B-pillar switch reading is correct under different voltage and driving conditions. Repair as necessary
CLOSE INHIBIT - NOT IN PARK/NEUTRAL	Operator attempted "power close" when vehicle was not in Park/Neutral	Inform customer of operating restrictions
	Ignition status problem	Verify the ignition switch status reads correctly using a scan tool. Repair as necessary
	Transmission range sensor problem	Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify PRNDL status reads correctly. If NOT OK, verify proper operation of the transmission range sensor, repair as necessary.
	Overhead console switch	Using a scan tool, observe overhead console switch reading. Verify the reading is correct under different voltage and driving conditions. Repair as necessary
	Key fob/Radio Frequency Hub Module (RFHM)	Verify proper operation of the key fob and keyless and passive entry system. Repair as necessary
	B-pillar switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the B-pillar switch reading is correct under different voltage and driving conditions. Repair as necessary
OPEN INHIBIT - NON-ZERO VEHICLE SPEED	Operator attempted "power open" when vehicle is in Neutral and rolling	Inform customer of operating restrictions
	Ignition status problem	Verify the ignition switch status reads correctly using a scan tool. Repair as necessary
	Vehicle speed sensor	Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify vehicle speed reads

<b>INHIBIT MONITOR</b>	<b>POSSIBLE CAUSES</b>	<b>CORRECTION</b>
		correctly. If NOT OK, verify proper operation of the vehicle speed sensor, repair as necessary.
	Overhead console switch	Using a scan tool, observe overhead console switch reading. Verify the reading is correct under different voltage and driving conditions. Repair as necessary
	Key fob/Radio Frequency Hub Module (RFHM)	Verify proper operation of the key fob and keyless and passive entry system. Repair as necessary
	B-pillar switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the B-pillar switch reading is correct under different voltage and driving conditions. Repair as necessary
CLOSE INHIBIT - NON-ZERO VEHICLE SPEED	Operator attempted "power close" when vehicle is in Neutral and rolling	Inform customer of operating restrictions
	Ignition status problem	Verify the ignition switch status reads correctly using a scan tool. Repair as necessary
	Vehicle speed sensor	Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify vehicle speed reads correctly. If NOT OK, verify proper operation of the vehicle speed sensor, repair as necessary.
	Overhead console switch	Using a scan tool, observe overhead console switch reading. Verify the reading is correct under different voltage and driving conditions. Repair as necessary
	Key fob/Radio Frequency Hub Module (RFHM)	Verify proper operation of the key fob and keyless and passive entry system. Repair as necessary
	B-pillar switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the B-pillar switch reading is correct under different voltage and driving conditions. Repair as necessary
OPEN INHIBIT - IGNITION IN START POSITION	Operator attempted "power open" with the ignition in the Start position	Inform customer of operating restrictions

<b>INHIBIT MONITOR</b>	<b>POSSIBLE CAUSES</b>	<b>CORRECTION</b>
	Ignition status problem	Verify the ignition switch status reads correctly using a scan tool. Repair as necessary
	Overhead console switch	Using a scan tool, observe overhead console switch reading. Verify the reading is correct under different voltage and driving conditions. Repair as necessary
	Key fob/Radio Frequency Hub Module (RFHM)	Verify proper operation of the key fob and keyless and passive entry system. Repair as necessary
	B-pillar switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the B-pillar switch reading is correct under different voltage and driving conditions. Repair as necessary
CLOSE INHIBIT - IGNITION IN START POSITION	Operator attempted "power close" with the ignition in the Start position	Inform customer of operating restrictions
	Ignition status problem	Verify the ignition switch status reads correctly using a scan tool. Repair as necessary
	Overhead console switch	Using a scan tool, observe overhead console switch reading. Verify the reading is correct under different voltage and driving conditions. Repair as necessary
	Key fob/Radio Frequency Hub Module (RFHM)	Verify proper operation of the key fob and keyless and passive entry system. Repair as necessary
	B-pillar switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the B-pillar switch reading is correct under different voltage and driving conditions. Repair as necessary
OPEN INHIBIT - IN-PLANT MODE	Power Open will not function because the power sliding door control module is in the In-Plant mode	Using a scan tool, perform the power sliding door control module learn cycle, ( <a href="#">Refer to Electrical/Power Sliding Door/Standard Procedure</a> ). If learn cycle does not correct the problem replace the power sliding door control module
CLOSE INHIBIT - IN-PLANT MODE	Power Close will not function because the power sliding door control	Using a scan tool, perform the power sliding door control module learn cycle, ( <a href="#">Refer to Electrical/Power Sliding Door/Standard Procedure</a> ). If learn cycle does not correct the problem replace the power sliding door control module

INHIBIT MONITOR	POSSIBLE CAUSES	CORRECTION
	module is in the In-Plant mode	
OPEN INHIBIT - GEAR/SPEED MISMATCH	Power Open will not function because of a conflict between the PRNDL and vehicle speed inputs	Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify vehicle speed reads correctly. If NOT OK, verify proper operation of the vehicle speed sensor, repair as necessary.
		Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify PRNDL status reads correctly. If NOT OK, verify proper operation of the transmission range sensor, repair as necessary.
		Verify the ignition switch status reads correctly using a scan tool. Repair as necessary
		The inhibitor could have been operator induced by placing the transmission in Park when the vehicle is still rolling and immediately attempting an Open Power Sliding Door command
CLOSE INHIBIT - GEAR/SPEED MISMATCH	Power Close will not function because of a conflict between the PRNDL and vehicle speed inputs	Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify vehicle speed reads correctly. If NOT OK, verify proper operation of the vehicle speed sensor, repair as necessary.
		Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify PRNDL status reads correctly. If NOT OK, verify proper operation of the transmission range sensor, repair as necessary.
		Verify the ignition switch status reads correctly using a scan tool. Repair as necessary
		The inhibitor could have been operator induced by placing the transmission in Park when the vehicle is still rolling and immediately attempting a Close Power Sliding Door command
CYCLE INHIBIT - NOT FULLY OPEN OR FULLY CLOSED	Operator induced by placing the sliding door in the primary or secondary	Inform customer of proper power sliding door/latch operation

<b>INHIBIT MONITOR</b>	<b>POSSIBLE CAUSES</b>	<b>CORRECTION</b>
	latch position when the door was open	
	Conflict in power sliding door latch switches and full open switch	Using a scan tool, observe the sliding door latch "Full Open, Primary, Secondary, Sector and Paw" switch readings with the sliding door in the fully open position. Verify that the "Full Open, Primary, Secondary and Paw" readings are all "Closed" and the "Sector" reading is "Open". Repair as necessary
		Using a scan tool, observe the sliding door latch "Full Open, Primary, Secondary, Sector and Paw" switch readings with the sliding door in the fully closed position. Verify that the "Full Open, Primary, Secondary, Sector and Paw" readings are all "Open". Repair as necessary
	Full open switch	Using a scan tool, verify proper operation of the full open switch during a power sliding door cycle. Switch reading should be "closed" with the sliding door near the fully opened position and "open" in all other positions. Repair as necessary
		Using a scan tool, verify proper operation of the full open switch during a manual sliding door cycle. Switch reading should be "closed" with the sliding door near the fully opened position and "open" in all other positions. Repair as necessary
OPEN INHIBIT - DOOR LOCKED	Operator attempted "power open" when the vehicle was locked	Inform customer of proper power sliding door/latch operation
	Invalid lock status received by the power sliding door control module	Using a scan tool observe the Bussed inputs to the power sliding door control module. Cycle the power door locks using the key fob, auto locks and interior lock switches. Verify the "Lock" status reads correctly, repair as necessary.
OPEN INHIBIT - VTA ARMED	A power sliding door "power open" cycle could not be initiated because the Vehicle Theft Alarm (VTA) was armed	Normal operation, inform customer of operating restrictions
	Invalid VTA status	Verify proper operation of the VTA system and instrument cluster bussed outputs using a scan tool and the appropriate diagnostic information. Repair as necessary

INHIBIT MONITOR	POSSIBLE CAUSES	CORRECTION
OPEN INHIBIT - OVERHEAD CONSOLE LOCKOUT	A power sliding door "power open" cycle could not be initiated because the overhead console lockout switch was active	Normal operation, inform customer of operating restrictions
	Invalid overhead console switch lockout status	Verify proper operation of the overhead console switch lockout and instrument cluster bussed outputs using a scan tool and the appropriate diagnostic information. Repair as necessary
OPEN CANCELLED - HANDLE ACTIVE	Operator induced by grabbing the exterior handle switch while a "power open" cycle was taking place	Inform customer of operating restrictions
	Exterior handle switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the exterior handle switch reading is approximately 2.4V with handle activated and greater than 4.6V when released.
		Using a digital multi-meter, measure the resistance of the exterior handle switch. The multi-meter should read approximately 4.7K ohms activated and "open" with handle released. Repair as necessary
CLOSE CANCELLED - HANDLE ACTIVE	Operator induced by grabbing the exterior handle switch while a "power close" cycle was taking place	Inform customer of operating restrictions
	Exterior handle switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the exterior handle switch reading is approximately 2.4V with handle activated and greater than 4.6V when released.
		Using a digital multi-meter, measure the resistance of the exterior handle switch. The multi-meter should read approximately 4.7K ohms activated and "open" with handle released. Repair as necessary
OPEN REVERSAL - GEAR OR SPEED	Operator shifted vehicle out of Park/Neutral while a	Inform customer of operating restrictions

INHIBIT MONITOR	POSSIBLE CAUSES	CORRECTION
STATE CHANGE	"power open" cycle was in progress	
	Vehicle speed sensor	Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify vehicle speed reads correctly. If NOT OK, verify proper operation of the vehicle speed sensor, repair as necessary.
	Transmission range sensor problem	Using a scan tool observe the Bussed inputs to the power sliding door control module. Verify PRNDL status reads correctly. If NOT OK, verify proper operation of the transmission range sensor, repair as necessary.
OPEN REVERSAL - USER INPUT	Operator activated either a key fob button, B-pillar switch or overhead console sliding door switch while a "power open or close" cycle was in progress	Inform customer of operating restrictions. The B-pillar or overhead console sliding door switch may have been double pressed or the key fob buttons may get inadvertently pressed when in a pocket or purse. Rapid pressing of the buttons may also be the cause
	Overhead console sliding door switch	Using a scan tool, observe overhead console sliding door switch reading. Verify the reading is correct under different voltage and driving conditions. Repair as necessary
	Key fob/RFHM	Using a scan tool, verify the key fob button status readings from the RFHM are correct
		Verify key fob is operating properly and buttons are not sticking. Repair as necessary
	B-pillar switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the B-pillar switch reading is correct under different voltage and driving conditions. Repair as necessary
CLOSE REVERSAL - USER INPUT	Operator activated either a key fob button, B-pillar switch or overhead console sliding door switch while a "power open or close" cycle was in progress	Inform customer of operating restrictions. The B-pillar or overhead console sliding door switch may have been double pressed or the key fob buttons may get inadvertently pressed when in a pocket or purse. Rapid pressing of the buttons may also be the cause
	Overhead console sliding door switch	Using a scan tool, observe overhead console sliding door switch reading. Verify the reading is correct under different voltage and driving conditions. Repair as necessary

INHIBIT MONITOR	POSSIBLE CAUSES	CORRECTION
	Key fob/RFHM	Using a scan tool, verify the key fob button status readings from the RFHM are correct
		Verify key fob is operating properly and buttons are not sticking. Repair as necessary
	B-pillar switch	Using a scan tool, observe inputs to the power sliding door control module. Verify the B-pillar switch reading is correct under different voltage and driving conditions. Repair as necessary
OPEN OBSTACLE	An obstacle was detected while a "power open" cycle was taking place	Normal operation, inform customer of operating restrictions
	Binding or sticking of components	Using a scan tool, move sliding door manually to the "Door Position" indicated in the Inhibit Monitor record. Establish location of obstruction/binding and replace necessary components
	The power sliding door control module is not properly calibrated	Using a scan tool, perform the power sliding door control module learn cycle. If learn cycle does not correct the problem replace the power sliding door control module
CLOSE OBSTACLE	An obstacle was detected while a "power close" cycle was taking place	Normal operation, inform customer of operating restrictions
	Binding or sticking of components	Using a scan tool, move sliding door manually to the "Door Position" indicated in the Inhibit Monitor record. Establish location of obstruction/binding and replace necessary components
	The power sliding door control module is not properly calibrated	Using a scan tool, perform the power sliding door control module learn cycle, ( <a href="#">Refer to Electrical/Power Sliding Door/Standard Procedure</a> ). If learn cycle does not correct the problem replace the power sliding door control module
OPEN INHIBIT - RDCM TIMEOUT	Power open cycle could not take place because RDCM timed out while releasing latch.	Check for blown fuse and wire connections. Check cable connections. Check for foreign matter preventing the operation of latch assembly. Troubleshoot using the proper diagnostic procedures information.
CLOSE INHIBIT -	Power close cycle could not take place because RDCM	Check for blown fuse and wire connections. Check cable connections. Check for foreign matter preventing the

INHIBIT MONITOR	POSSIBLE CAUSES	CORRECTION
RDCM TIMEOUT	timed out while releasing latch	operation of latch assembly. Troubleshoot using the proper diagnostic procedures information.
OPEN INHIBIT - USER INPUT DURING CLUTCH PULSING	Power Open cycle could not take place because PSD system has enter clutch pulsing mode.	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exist check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
CLOSE INHIBIT - USER INPUT DURING CLUTCH PULSING	Power Close cycle could not take place because PSD system has enter clutch pulsing mode.	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exist check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
OPEN INHIBIT - PSDM MEMORY RESET	Power open cycle count corruption during/ prior to cycle time because module had power short or system reset.	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exist check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
CLOSE INHIBIT - PSDM MEMORY RESET	Power close cycle count corruption during/Prior to cycle time because module had power short or system reset.	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exist check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
OPEN INHIBIT - LATCH/DOOR MISMATCH	Power open could not take place because the door state and latch states are not matching.	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exist check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.

<b>INHIBIT MONITOR</b>	<b>POSSIBLE CAUSES</b>	<b>CORRECTION</b>
<b>CLOSE INHIBIT - LATCH/DOOR MISMATCH</b>	Power close could not take place because the door state and latch states are not matching.	Using an appropriate scan tool, check for any PSDM Diagnostic Trouble Codes (DTCs). diagnose any DTCs with the proper diagnostic procedures information. If no DTCs exist, cycle door while monitoring system status with the scan tool. If no power sliding door function exist check for loose wire connections, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information.
<b>WRONG SOFTWARE VERSION</b>	Current power sliding door control module software version does not match bootloader and possibly hardware version	If an updated software version is available, reflash the power sliding door control module. If updated software is not available, replace the power sliding door control module