

CHILTONLIBRARY

YOUR CURRENT VEHICLE

2018 Chrysler Pacifica

Power Seat System

POWER SEAT SYSTEM

Listen

Dictionary

Translate

Operate the power seat switch and move the seat in all directions. The seat should move in each of the selected directions.

If the power seat adjuster fails to operate in more than one direction, proceed as follows:

1. Inspect the power seat adjuster motors to ensure the electrical connectors are fully seated to the motors. If OK, go to >>>. If not OK, connect the electrical connector to the fully seated position.
2. Check the power seat fuse in the Power Distribution Center (PDC). If OK, go to >>>. If not OK, replace the inoperative fuse.
3. Remove the power seat switch from the seat cushion side panel. Check for battery voltage at the fused B(+) circuit cavity of the power seat switch wire harness connector. If OK, go to >>>. If not OK, repair the open circuit to the PDC as required.
4. Check for continuity between the ground circuit cavity of the power seat switch wire harness connector and a good ground. There should be continuity. If OK, go to >>>. If not OK, repair the open circuit to ground as required.
5. (Refer to Electrical/8N - Power Systems/Power Seats - Diagnosis and Testing)(Refer To List 1). If the switch tests OK, check the wire harness between the power seat switch and the motor. If the circuits check OK, replace the faulty power seat motor, track or seat back frame assembly. If the circuits are not OK, repair the wire harness as required.

POWER SEAT DIAGNOSIS CHART

SYMPTOM	POSSIBLE CAUSE	CORRECTION
Power seat inoperative in all directions	Blown Fuse or inoperative circuit breaker	Check for damaged wiring and possible circuit short, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
	Power seat switch	Perform appropriate power seat switch test, (Refer to 08 - Electrical/8N - Power Systems/Power Seats - Diagnosis and

SYMPTOM	POSSIBLE CAUSE	CORRECTION
		Testing)(Refer To List 1). Replace switch as necessary
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Fore/aft seat movement completely inoperative	Power seat switch	Perform appropriate power seat switch test, (Refer to 08 - Electrical/8N - Power Systems/Power Seats - Diagnosis and Testing)(Refer To List 1). Replace switch as necessary
	Fore aft motor or flex drive cable.	Replace the fore aft motor assembly.
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Seat tilt movement completely inoperative	Power seat switch	Perform appropriate power seat switch test, (Refer to 08 - Electrical/8N - Power Systems/Power Seats - Diagnosis and Testing)(Refer To List 1). Replace switch as necessary
	Front tilt motor or drive assembly	Replace the front tilt motor and drive assembly.
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Seat power recline movement completely inoperative	Power seat switch	Perform appropriate power seat switch test, (Refer to 08 - Electrical/8N - Power Systems/Power Seats - Diagnosis and Testing)(Refer To List 1). Replace switch as necessary
	Recline motor or drive assembly	Replace the power seat back frame assembly.
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Seat motion chattering or vibrating	Foreign material under seat or in seat	Remove foreign material. Clean and lubricate seat tracks as necessary

SYMPTOM	POSSIBLE CAUSE	CORRECTION
during fore/aft movement	track	
	Poor seat track lubrication	Lubricate the lower portion of the effected seat tracks
	Loose components	Check and tighten loose components as necessary
	Binding or sticking of components	Loosen seat track to vehicle mounting bolts. Using the power seat switch, move the effected seat reward to the track stops. Tighten track bolts to proper torque and recheck seat operation. If seat motion is still abnormal, replace the fore aft motor assembly.
	Fore aft motor or flex drive cable.	Replace the fore aft motor assembly.
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Seat motion chattering or vibrating during seat tilt movement	Foreign material under seat or in upper seat track pivots	Remove foreign material. Clean and lubricate upper seat track pivots as necessary
	Poor upper seat track pivot lubrication	Lubricate the effected upper seat track pivots
	Poor front tilt motor drive assembly lubrication	Lubricate the front tilt motor drive assembly
	Loose components	Check and tighten loose components as necessary
	Binding or sticking of components	Inspect and lubricate the effected upper seat track pivots. Recheck seat operation. If seat motion is still abnormal, replace the power seat track assembly.
	Front tilt motor or drive assembly	Replace the front tilt motor and drive assembly.

SYMPTOM	POSSIBLE CAUSE	CORRECTION
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring. Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Seat motion chattering or vibrating during power recline movement	Foreign material in seat back frame pivots or drive shaft	Remove foreign material. Clean and lubricate seat back frame pivots and drive shaft as necessary
	Poor seat back frame pivot or drive shaft lubrication	Lubricate the seat back frame pivots and drive shaft
	Loose components	Check and tighten loose components as necessary
	Binding or sticking of components	Inspect and lubricate the effected seat back frame pivots and drive shaft. Recheck seat operation. If seat motion is still abnormal, replace the seat back frame assembly.
	Recline motor or drive assembly	Replace the seat back frame assembly.
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring. Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Slow seat motion during fore/aft movement	Battery voltage low	Check vehicle charging system operation. Repair charging system and charge battery as necessary
	Poor power seat system ground	Check for loose ground connections or damaged wiring. Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
	Foreign material under seat or in seat track	Remove foreign material. Clean and lubricate seat tracks as necessary
	Poor seat track lubrication	Lubricate the lower portion of the effected seat tracks

SYMPTOM	POSSIBLE CAUSE	CORRECTION
	Loose components	Check and tighten loose components as necessary
	Binding or sticking of components	Loosen seat track to vehicle mounting bolts. Using the power seat switch, move the effected seat reward to the track stops. Tighten track bolts to proper torque and recheck seat operation. If seat motion is still abnormal, replace the fore aft motor assembly.
	Fore aft motor or flex drive cable.	Replace the fore aft motor assembly.
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring. Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Slow seat motion during seat tilt movement	Battery voltage low	Check vehicle charging system operation. Repair charging system and charge battery as necessary
	Poor power seat system ground	Check for loose ground connections or damaged wiring. Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
	Foreign material under seat or in upper seat track pivots	Remove foreign material. Clean and lubricate upper seat track pivots as necessary
	Poor upper seat track pivot lubrication	Lubricate the effected upper seat track pivots
	Poor front tilt motor drive assembly lubrication	Lubricate the front tilt motor drive assembly
	Loose components	Check and tighten loose components as necessary
	Binding or sticking of components	Inspect and lubricate the effected upper seat track pivots. Recheck seat operation. If seat motion is still abnormal, replace the power seat track assembly.

SYMPTOM	POSSIBLE CAUSE	CORRECTION
	Front tilt motor or drive assembly	Replace the front tilt motor and drive assembly.
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Slow seat motion during power recline movement	Battery voltage low	Check vehicle charging system operation. Repair charging system and charge battery as necessary
	Poor power seat system ground	Check for loose ground connections or damaged wiring, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
	Foreign material in seat back frame pivots or drive shaft	Remove foreign material. Clean and lubricate seat back frame pivots and drive shaft as necessary
	Poor seat back frame pivot or drive shaft lubrication	Lubricate the seat back frame pivots and drive shaft
	Loose components	Check and tighten loose components as necessary
	Binding or sticking of components	Inspect and lubricate the effected seat back frame pivots and drive shaft. Recheck seat operation. If seat motion is still abnormal, replace the seat back frame assembly.
	Recline motor or drive assembly	Replace the seat back frame assembly.
	Wiring problems (system or vehicle)	Check for loose wire connections or damaged wiring, Refer to the appropriate wiring information for complete circuit schematic or connector pin-out information. Repair as necessary
Squeaks, noises and rattles during fore/aft movement	Foreign material under seat or in seat track	Remove foreign material. Clean and lubricate seat tracks as necessary
	Poor seat track	Lubricate the lower portion of the effected seat tracks

SYMPTOM	POSSIBLE CAUSE	CORRECTION
	Lubrication	
	Loose components	Check and tighten loose components as necessary
	Binding or sticking of components	Loosen seat track to vehicle mounting bolts. Using the power seat switch, move the effected seat reward to the track stops. Tighten track bolts to proper torque and recheck seat operation. If seat motion is still abnormal, replace the fore aft motor assembly.
	Fore aft motor or flex drive cable.	Replace the fore aft motor assembly.
Squeaks, noises and rattles during seat tilt movement	Foreign material under seat or in upper seat track pivots	Remove foreign material. Clean and lubricate upper seat track pivots as necessary
	Poor upper seat track pivot lubrication	Lubricate the effected upper seat track pivots
	Poor front tilt motor drive assembly lubrication	Lubricate the front tilt motor drive assembly
	Loose components	Check and tighten loose components as necessary
	Binding or sticking of components	Inspect and lubricate the effected upper seat track pivots. Recheck seat operation. If seat motion is still abnormal, replace the power seat track assembly.
	Front tilt motor or drive assembly	Replace the power seat track assembly.
Squeaks, noises and rattles during power recline movement	Foreign material in seat back frame pivots or drive shaft	Remove foreign material. Clean and lubricate seat back frame pivots and drive shaft as necessary
	Poor seat back frame pivot or drive shaft lubrication	Lubricate the seat back frame pivots and drive shaft
	Loose components	Check and tighten loose components as necessary

SYMPTOM	POSSIBLE CAUSE	CORRECTION
	Binding or sticking of components	Inspect and lubricate the effected seat back frame pivots and drive shaft. Recheck seat operation. If seat motion is still abnormal, replace the seat back frame assembly.
	Recline motor or drive assembly	Replace the seat back frame assembly.

Refer To List:

List 1

- [08 - Electrical / 8N - Power Systems / Power Seats, Front / Diagnosis and Testing](#)
- [08 - Electrical / 8N - Power Systems / Power Seats, Third Row / Diagnosis and Testing](#)