



January 4, 2018

Attention: Mazda Dealership Sales and Service Managers

Subject: **Dealer Rework (DRW) 09 - 2018 Mazda MX-5 Power Window Switch Concern**

On affected vehicles, the driver power window main switch is not correctly assembled to the power window main switch door panel. There are 4 tabs (2 tabs on front side, 2 tabs on rear side) on the power window main switch affixed to the door panel. It is possible that 1 or 2 of the tabs are not locked, and there is a chance the switch will drop slightly when the power outer mirror switch is pushed.

When the power window main switch part is assembled to the driver-side door trim by a jig in production, the power window main switch could have been unintentionally pushed vertically due to the jig misalignment.

Action Required:

Beginning today, all affected 2018 Mazda MX-5 vehicles in your inventory must have the concerned power window switch (driver side) inspected and re-aligned if needed. Check eMDCS for DRW09 campaign status.

NOTE: As of today's count, only 35 vehicles in inventory are affected by DRW09. The majority (530) of affected vehicles with this concern will be repaired under a Port Rework program prior to dealer delivery.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2018MY MX-5	JM1 ND**** J0 200586 - 201622	From November 16, 2017 through December 22, 2017

Push both sides of the power outer mirror control switch (on the letter "R "and "L") then check that the switch does not drop off from the original position.

- If it is OK, no further action is required.
- If it is Not OK, remove the driver-side door trim, re-insert the power window main switch, and reinstall the door trim. If any tabs are broken or have fallen in the door panel, please re-attach or replace when re-inserting the switch

We apologize for any inconvenience this program may cause your dealership and your customers. Your

understanding and support are greatly appreciated.

Sincerely,

Akira Ikemoto
Director, Technical Services Division
Mazda North American Operations

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CONDITION OF CONCERN

On affected vehicles, the driver power window main switch is not correctly assembled to the power window main switch door panel. There are 4 tabs (2 tabs on front side, 2 tabs on rear side) on the power window main switch affixed to the door panel. It is possible that 1 or 2 of the tabs are not locked, and there is a chance the switch will drop slightly when the power outer mirror switch is pushed.

When the power window main switch part is assembled to the driver-side door trim by a jig in production, the power window main switch could have been unintentionally pushed vertically due to the jig misalignment.

Dealers are instructed to push both sides of the power outer mirror control switch (on the letter "R "and "L") then check that the switch does not drop off from the original position.

- If it is OK, no further action is required.
- If it is Not OK, remove the driver-side door trim, re-insert the power window main switch, and reinstall the door trim. If any tabs are broken or have fallen in the door panel, please re-attach or replace when re-inserting the switch.

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2018MY MX-5	JM1 ND***** JO 200586 - 201622	From November 16, 2017 through December 22, 2017

The asterisk symbol "*" can be any letter or number.

* *Not all vehicles within this VIN range are included in DRW09. Perform a Warranty Vehicle Inquiry in eMDCS to verify DRW09 is open.*

WARRANTY CLAIM PROCESSING INFORMATION

	Inspection
Process Number	AH050A
Symptom Code	99
Damage Code	99
Part Number Main Cause	7777-SP-N54
Quantity	0
Labor Operation Number	XXNAAXCX
Labor Hours	0.2 hrs

	Inspection & Assemble power window main switch.
Process Number	AH050B
Symptom Code	99
Damage Code	99
Part Number Main Cause & Quantity	7777-SP-N55 & 0
Related Parts Number & Quantity	Submit applicable parts number & quantity only when replaced. Refer to "Related parts information" below.
Labor Operation Number	XXNABXRX
Labor Hours	0.5 hrs

Related parts Information

Part name	Part number	Quantity	Note
Fastener	GJ6A-68-AB1	1 – 8 (As required)	Necessary only if it is damaged not due to mis-repair or other outside influence.
Power window main switch	****-66-350 *1	1	
Door trim	****-68-450 *1	1	

*Check EPC (Electric Parts Catalog) for the correct part number for the subject vehicle.

POWER WINDOW MAIN SWITCH INSPECTION/REMOVAL/INSTALLATION

【Inspection procedure】

For your reference, PLEASE WATCH THE INSPECTION VIDEO BEFORE RE-WORK.

1. Push both side of the power outer mirror control switch (on the letter "R "and "L") by finger then check that the switch does not drop off from the original position.

Note: The power window main switch is integrated with the power outer mirror switch.



OK→Go to #2

Fail→Go to 【Removal / Installation procedure】 to remove the door trim and re-insert the power window main switch.

2. Push the power outer mirror control switch shown in the picture then check that the switch does not drop off from the original position.



OK→Go to #3

Fail→Go to 【Removal / Installation procedure】to remove the door trim and re-insert the power window main switch.

POWER WINDOW MAIN SWITCH INSPECTION/REMOVAL/INSTALLATION

3. Check that there are no scratches around the area.



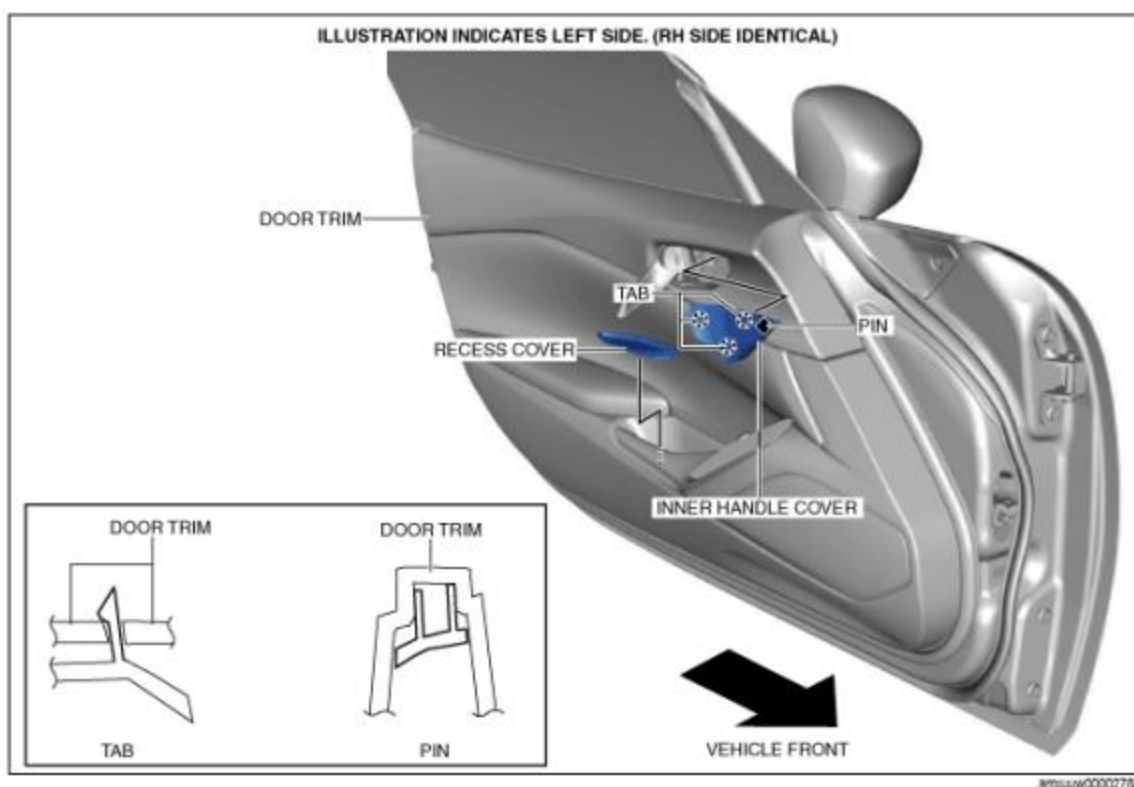
POWER WINDOW MAIN SWITCH INSPECTION/REMOVAL/INSTALLATION

【Removal / Installation procedure】

Note

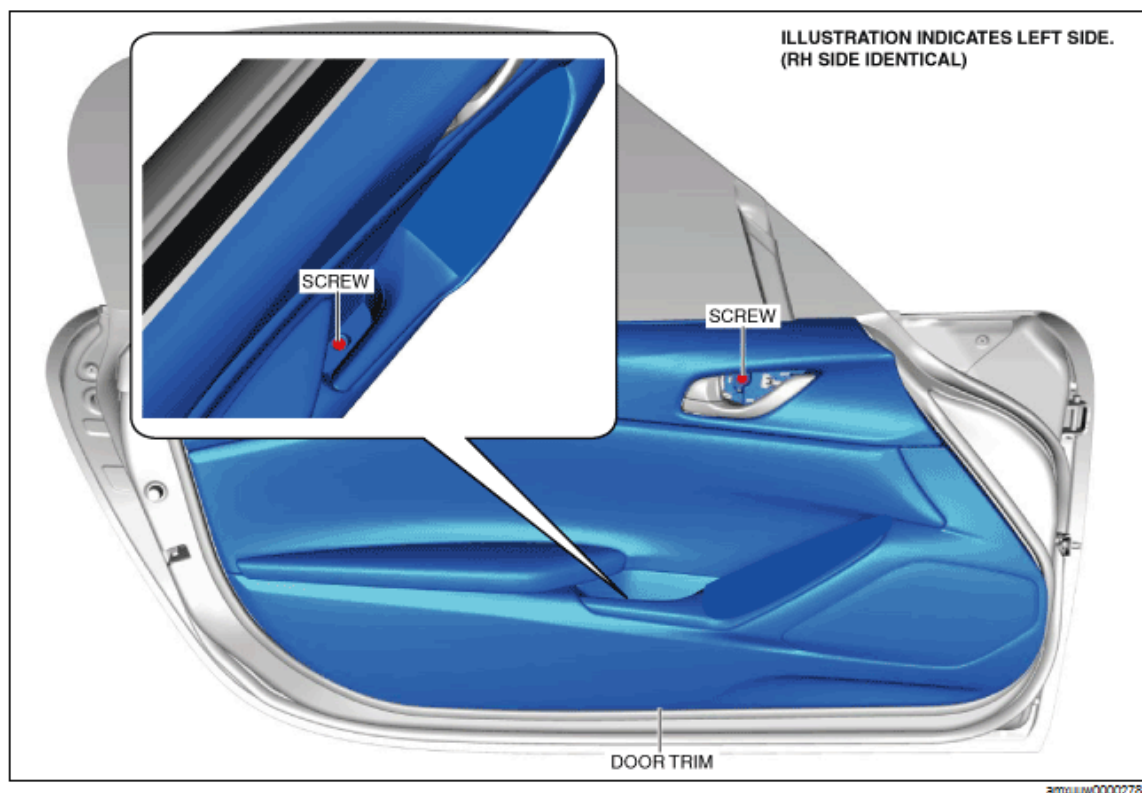
- The power window main switch is integrated with the power outer mirror switch.

1. Disconnect the negative battery cable.
2. Remove the driver-side door trim.
3. Remove the inner handle cover while detaching tabs, pin.

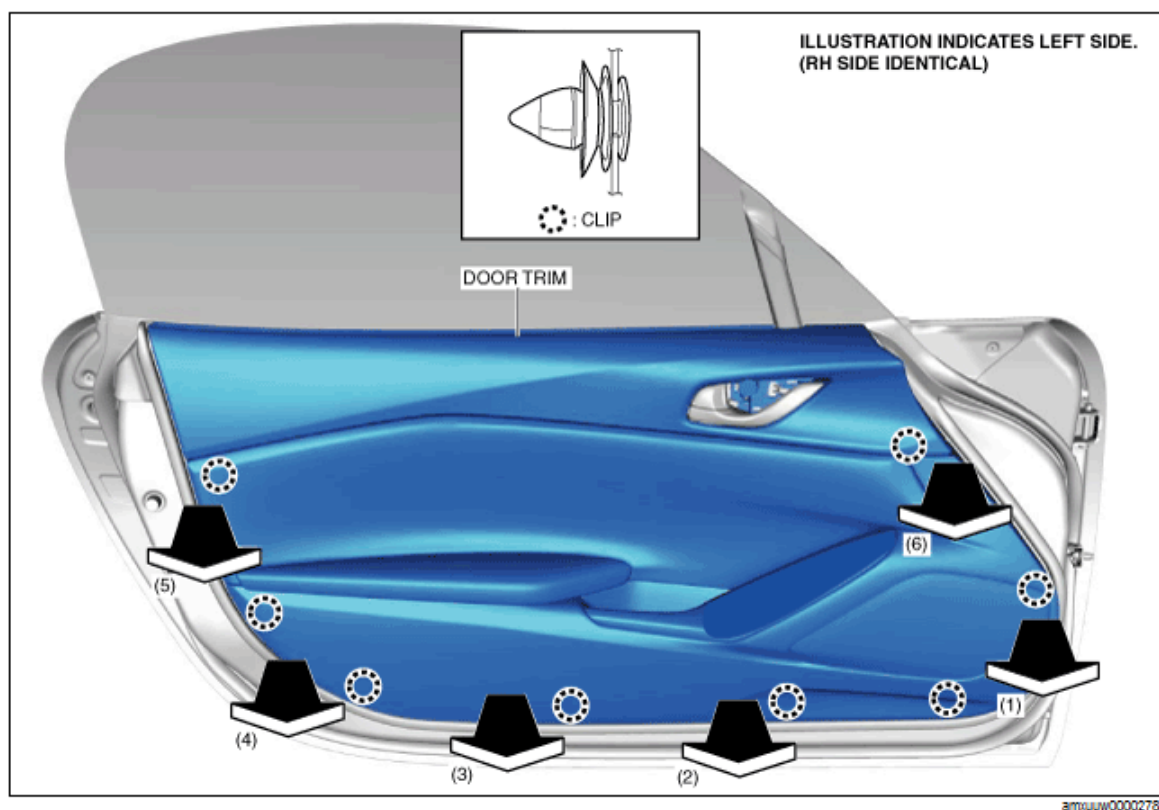


4. Remove the recess cover.
5. Remove the screw.

POWER WINDOW MAIN SWITCH INSPECTION/REMOVAL/INSTALLATION

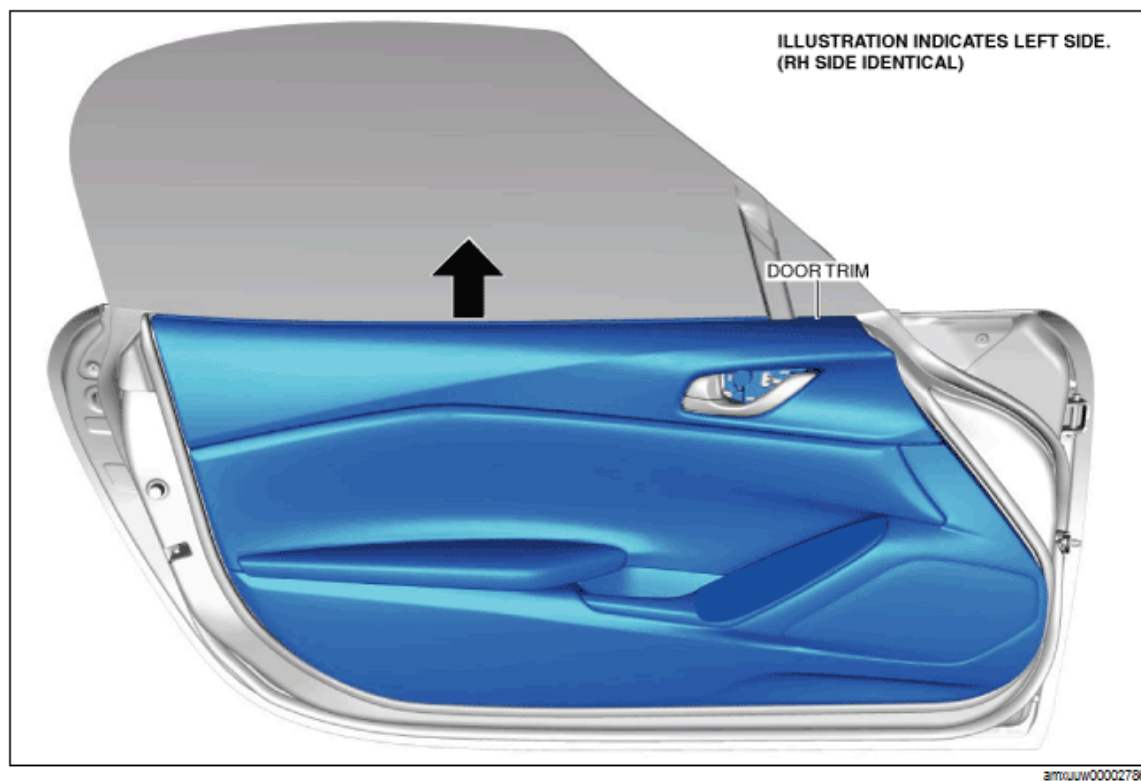


6. Move the door trim in the order of arrows (1), (2), (3), (4), (5) and (6) shown in the figure and detach the clips.

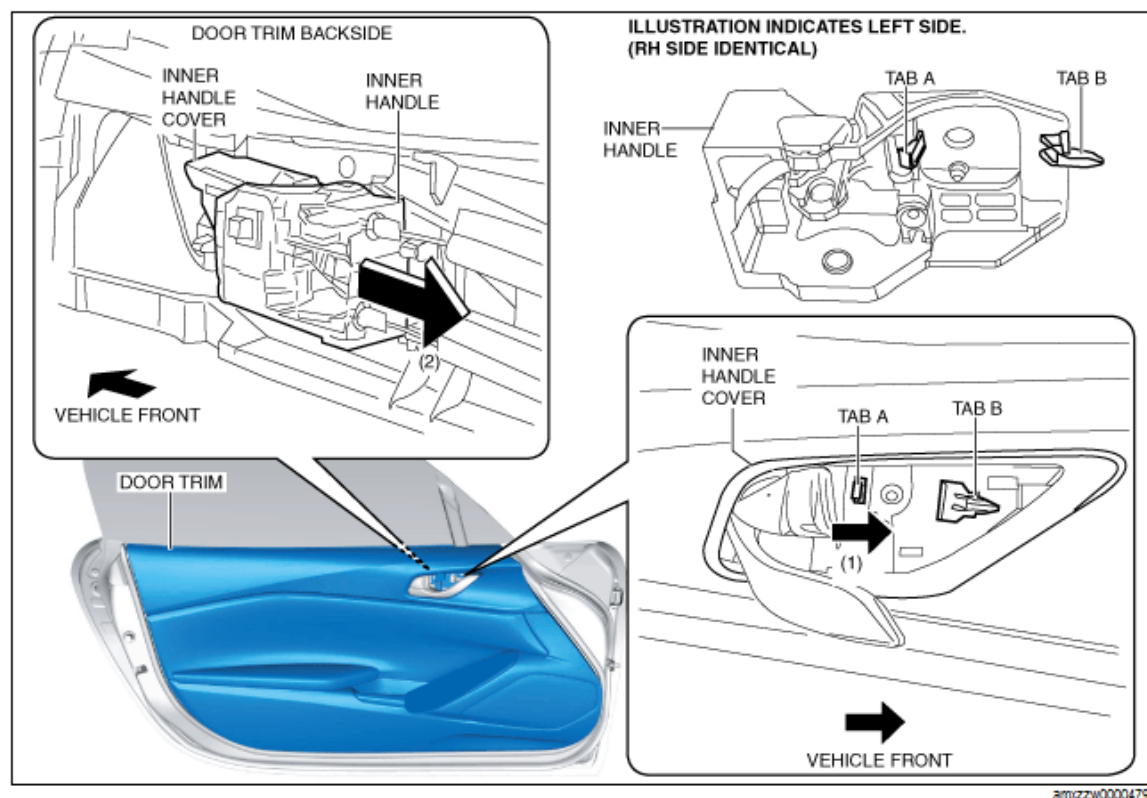


7. Remove the door trim in the direction of the arrow shown in the figure.

POWER WINDOW MAIN SWITCH INSPECTION/REMOVAL/INSTALLATION



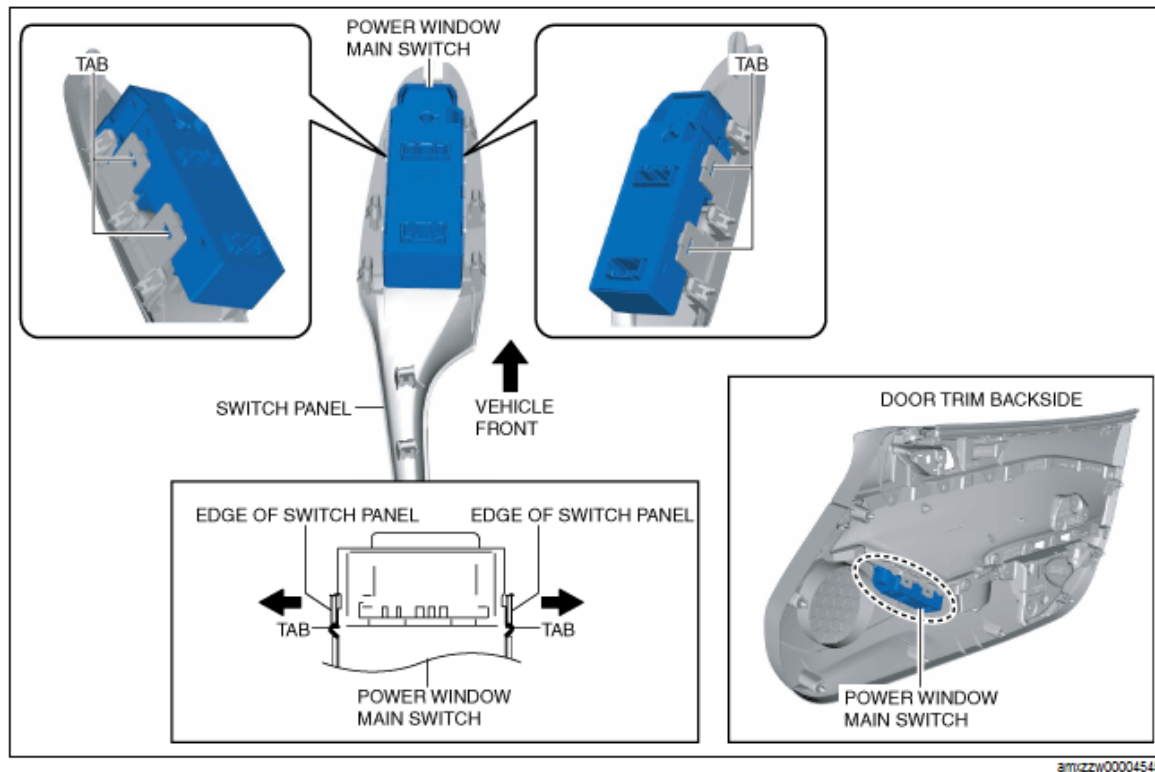
8. Remove tab A in the direction of the arrow (1) shown in the figure.



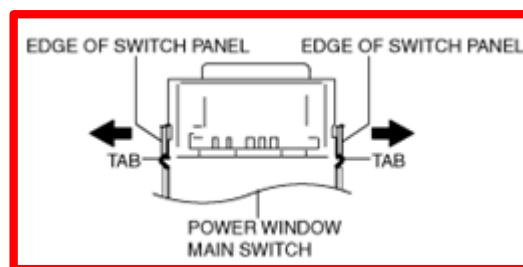
9. Remove the inner handle in the direction of the arrow (2) shown in the figure while detaching tab B.

POWER WINDOW MAIN SWITCH INSPECTION/REMOVAL/INSTALLATION

10. Disconnect the connector.
11. Move the edges of the switch panels in the directions of the arrows shown in the figure and detach the tabs from the switch panels in the order starting from the vehicle front side.



12. Remove and install the power window main switch from the switch panel. Check to re-insert to the tabs.



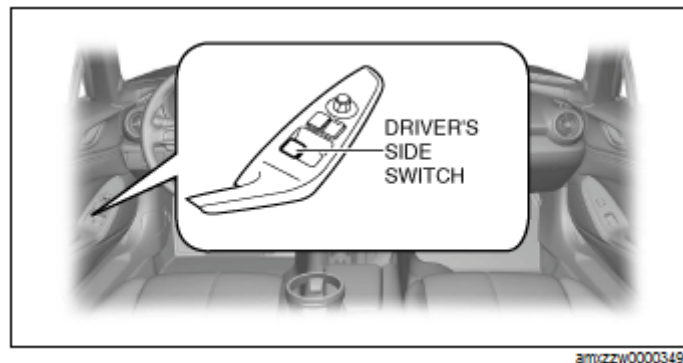
13. **Check again that the switch does not drop off from the original position. Refer to 【Inspection procedure】**
14. Install in the reverse order of removal.
15. The power window main switch connector is removed, perform the power window system initial setting.

Note

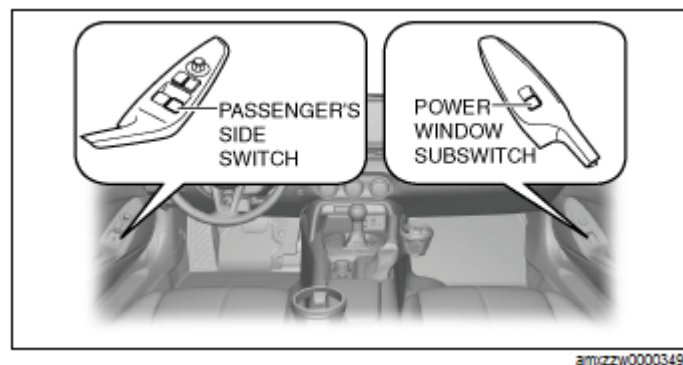
- Initial setting must be performed after performing the following procedure.
- Power window main switch connector is removed.

POWER WINDOW MAIN SWITCH INSPECTION/REMOVAL/INSTALLATION

16. Close the doors.
17. Close the convertible top and secure the top lock. (convertible top)
18. Switch the ignition ON. (engine on or off)
19. Fully close the retractable hardtop. (RF model)
20. Operate the driver's side switch on the power window main switch to fully open the door glass (driver's side).



21. Operate the driver's side switch on the power window main switch and keep the door glass (driver-side) fully closed for approx. 2 sec.
22. Operate the passenger's side switch on the power window main switch or the power window subswitch to fully open the door glass. (passenger's side)



23. Operate the passenger's side switch on the power window main switch or the power window subswitch and keep the door glass (passenger's side) fully closed for approx. 2 sec.
24. Check that there are no scratches around the area.