

Safety Recall: Power Window Master Switch May Not Work

BACKGROUND

Under severe conditions, water or other liquid may enter the driver's window and reach the power window master switch on the door panel. Liquid in the switch can damage the switch's printed circuit board (PCB), causing the switch to fail. In rare cases, the damaged PCB creates a short circuit that overheats the switch connectors and melts them, leading to a possible fire.

CUSTOMER NOTIFICATION

Owners of affected vehicles will receive a notification of this campaign. An example of the customer notification is at the end of this service bulletin.

To verify vehicle eligibility, you **must** check at least one of these items:

- The customer has a notification letter.
- The vehicle is shown as eligible on a VIN status inquiry.

In addition, check for a punch mark above the fifth character of the engine compartment VIN. A punch mark in that location means this campaign has already been completed.

Some vehicles affected by this campaign may be in your used vehicle inventory. As a matter of federal law, these vehicles must be repaired before they are sold.

Should an unrepaired vehicle cause an injury or damage because of the recalled item, the dealership will be solely responsible to the damaged party, and will be required to defend and indemnify American Honda for any resulting claims. To see if a vehicle is affected by this campaign, do a VIN status inquiry before selling it.

CORRECTIVE ACTION

Inspect the power window master switch. Depending on what you find, do one of these actions:

- Apply a protective skirt to the original switch.
- Install a new switch with a protective skirt.
- Replace the driver's door wire harness, and install a new switch with a protective skirt.

PARTS INFORMATION

NOTE: Most affected vehicles will only require a protective skirt for the power window master switch. Less than 10% of affected vehicles will require a power window master switch kit. And less than 1% of affected vehicles will require a driver's door wire harness.

Power Window Master Switch Protective Skirt:
P/N 35751-SAA-305

Power Window Master Switch Kit:
P/N 35752-SAA-406ZA
(Includes switch and switch protective skirt)

Driver's Door Wire Harness:
Base Model - P/N 32751-SLN-A00
Sport Model - P/N 32751-SLN-A10

TOOL INFORMATION

KTC Trim Tool Set: T/N SOJATP2014

WARRANTY CLAIM INFORMATION

The normal warranty applies.

OP#	Description	FRT
7440A6	Inspect the power window master switch, replace the switch if needed, and install a switch protective skirt.	0.3
A	Add for replacing the driver's door wire harness.	0.6

Failed Part: P/N 35750-SLN-A01ZA

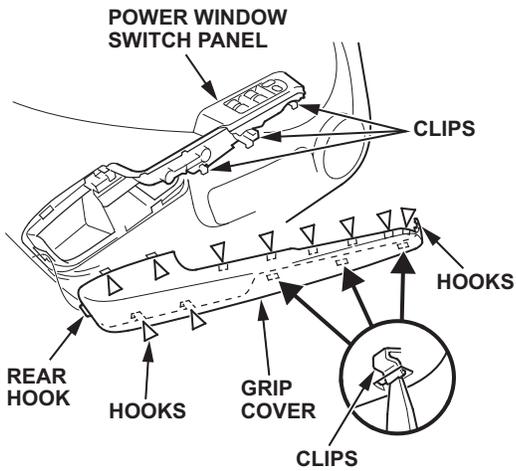
Defect Code: 5WS00

Symptom Code: R2800

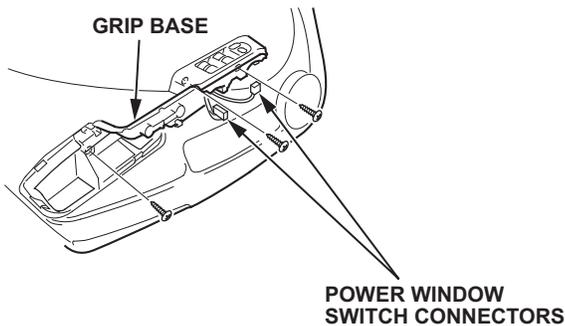
Skill Level: Repair Technician

REPAIR PROCEDURE

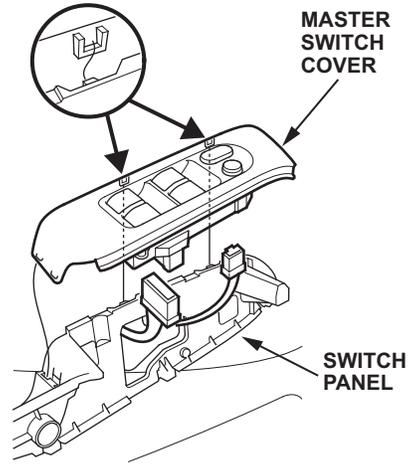
1. Check the operation of all switches on the power window master switch:
 - If all the switches are working, go to step 2.
 - If any of the switches don't work, troubleshoot that function, repair the problem, then go to step 2. If the problem is in the power window master switch, get a power window master switch kit, then do steps 2 thru 6 and steps 13 thru 23.
2. Remove the driver's door grip cover:
 - Using the appropriate trim tool, pry out the front bottom edge of the grip cover while pushing up the clips.
 - Release the clips from the power window switch panel.
 - From front to rear, pry out along the edge of the cover to release the hooks.
 - Release the rear hook, while pulling the cover forward.



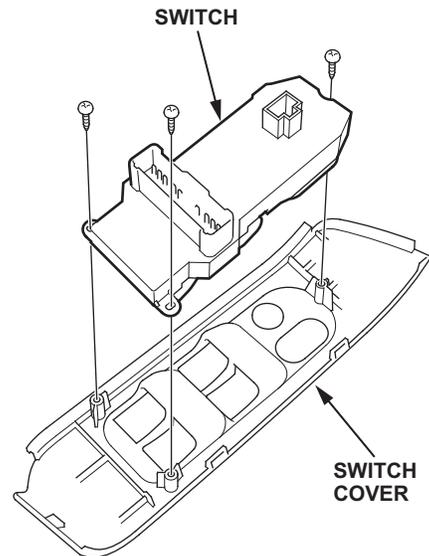
3. Disconnect the 3P and the 20P connectors from the switch.



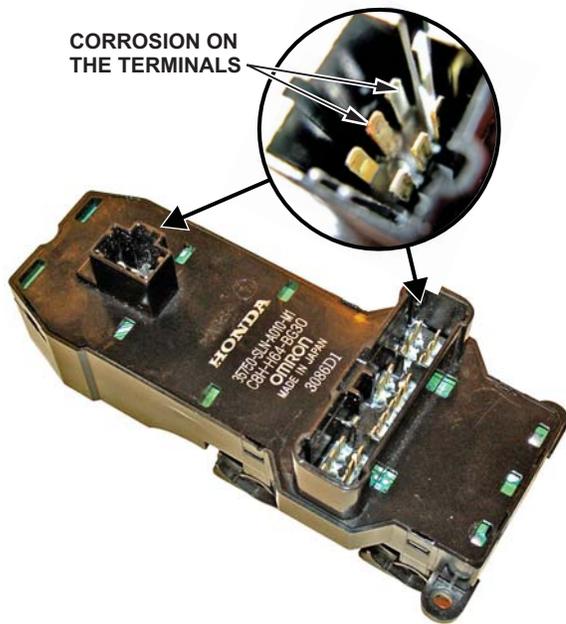
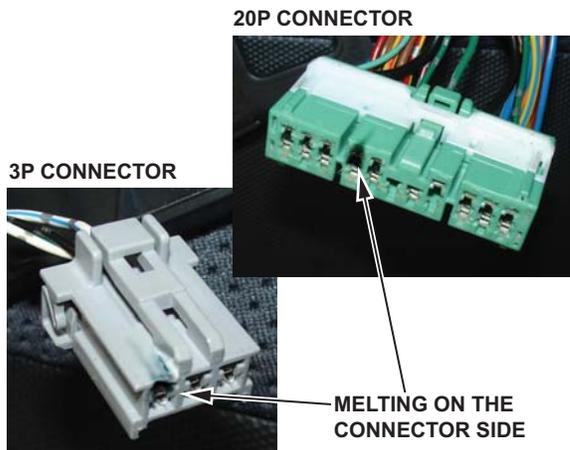
4. Remove the power window master switch cover from the switch panel.



5. Remove the power window master switch from the switch cover (three screws).



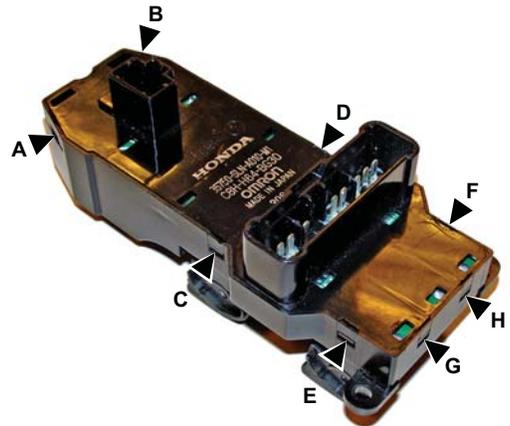
6. Check for corrosion or melting on the switch side and the harness side of the 3P and 20P connectors:
 - If there is no corrosion on the terminals and no melting on the connectors, go to step 7.
 - If any of the terminals have corrosion, or if any of the connectors are melted, replace the driver's door wire harness, then get a power window master switch kit, and go to step 13.



7. Remove the main switch button from the power window master switch body.



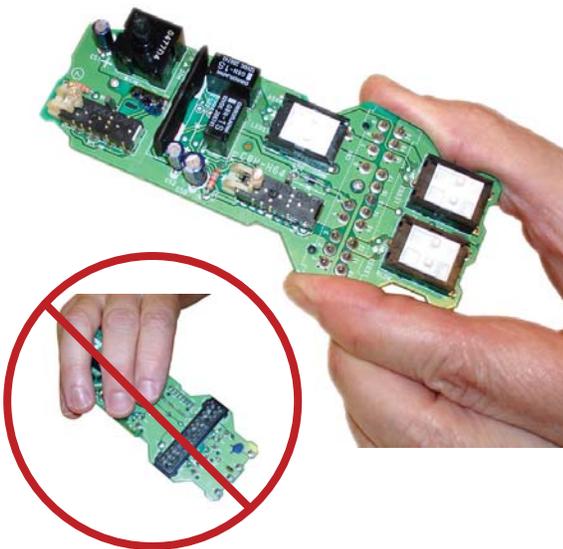
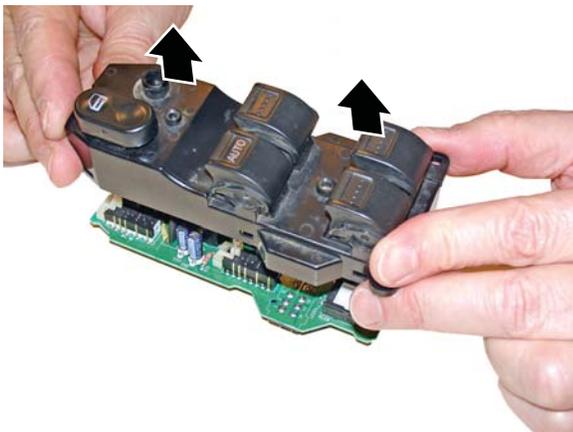
8. Using a small, flat-tip screwdriver, separate the two halves of the switch case:
 - Insert the screwdriver into the clip slots in the bottom edge of the switch case to release the eight clips in the order shown below (A, B, C, D, E, F, G, and H).
 - Remove the bottom half of the switch case.
 - Be careful not to damage the clips or the switch case.



- Remove the lower half of the switch case, then remove the printed circuit board (PCB) from the top half of the switch case by pushing the main switch area with a flat-tip screwdriver.

NOTE:

- Handle the PCB only by its edges, and only with clean hands.
- If you touch the surface of the PCB, it cannot be reused.



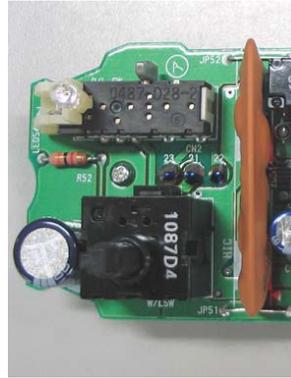
- Holding the PCB by its edges, check the top and bottom surfaces for moisture damage or corrosion.

Is there any moisture damage or corrosion on the PCB?

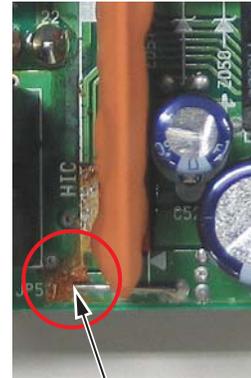
Yes - The power window master switch will not be reused. Get a power window master switch kit, and go to step 13.

No - Go to step 11.

GOOD



NO GOOD

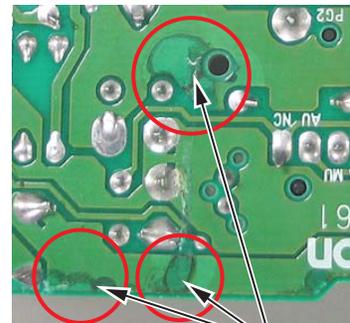


CORROSION

GOOD

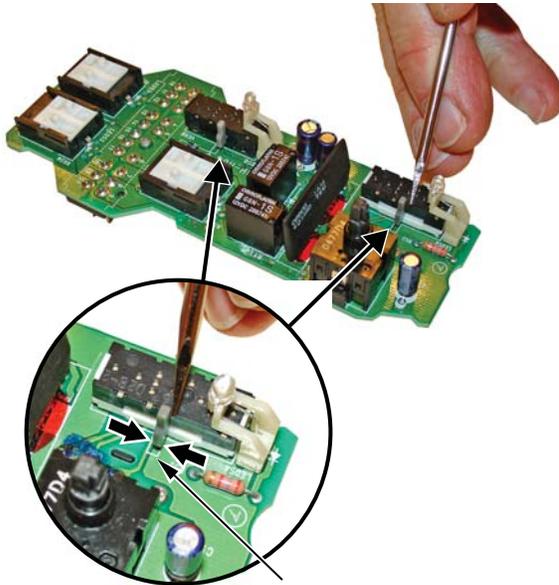


NO GOOD



MOISTURE DAMAGE

- On the PCB, make sure the poles for the two lighted switches are centered as shown.



Center the switch on this mark.

- Insert the PCB into the top half of the switch case, then reassemble the switch case, making sure that all eight clips are secure. Reattach the main switch button.
- Using a dry paper towel, remove any oil or dust from the sides of the switch. Do not use water or solvents.

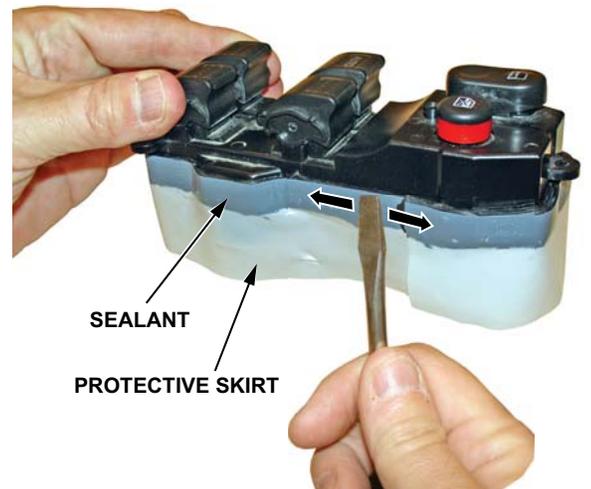


Clean the sides of the switch all the way around.

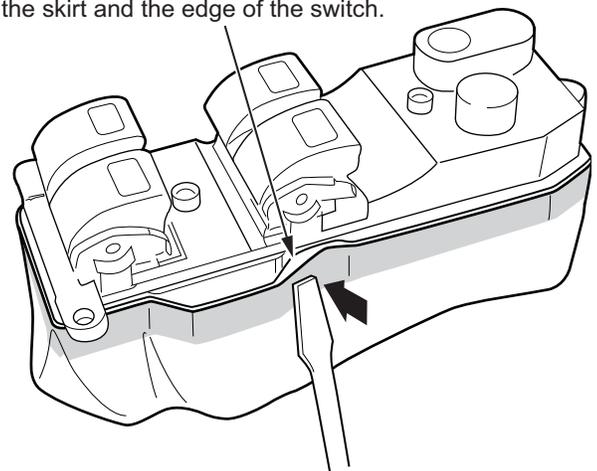
- Apply a protective skirt to the sides of the switch:
NOTE: The skirt prevents moisture from entering the switch by sealing the tab slots in the sides of the switch case and by surrounding the switch with a moisture barrier.

- Starting in the middle of the switch case, attach the skirt by firmly pressing its sealant onto the case.
- Continue applying the skirt around the entire case. To firmly attach the skirt sealant, press down on the entire length of it with the flat side of a flat-tip screwdriver. Make sure there are no gaps between the sealant and the case, especially in the corner areas.

Attach the protective skirt to the middle of the case.



Make sure all gaps are sealed between the skirt and the edge of the switch.



15. Install the switch on the switch cover (three screws).
16. Reinstall the switch cover to the switch panel.
17. Connect the 3P and the 20P connectors to the switch.
18. Reinstall the driver's door grip cover in the reverse order of removal.
NOTE: When you reinstall the cover, insert the rear hook first, then work forward to secure the remaining hooks.
19. Turn the ignition switch to ON (II).
20. Open the driver's window all the way. When the window reaches the bottom, hold the switch in the DOWN position for 2 seconds.
21. Close the driver's window all the way. When the window reaches the top, hold the switch in the UP position for 2 seconds.
22. Make sure the door lock switch works. If it doesn't, recheck your work.
23. Center-punch a completion mark above the fifth character of the engine compartment VIN:

Center-punch here.

JHMGD3XXXXXXXXXX

Example of Customer Letter

March 2010

Safety Recall: Driver's Power Window Switch May Not Work

Dear Fit Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

What is the reason for this notice?

Honda Motor Co., Ltd. has decided that a defect which relates to motor vehicle safety exists in certain 2007–08 model year Fit vehicles. Under severe condition, water may enter the driver's window and reach the master power window switch resulting in impaired function of the switch. If the master power window switch is damaged as a result of the water intrusion it may result in failure of the switch and overheating. An overheating switch can cause smoke, melting and fire.

What should you do?

Call any authorized Honda dealer and make an appointment to have your vehicle repaired. The dealer will inspect the switch and install a cover around the switch housing to prevent water from entering the switch. If the switch is damaged, the switch will be replaced and a cover will be installed. All work will be performed *free of charge*. Please plan to leave your vehicle for half a day to allow the dealer flexibility in scheduling.

Who to contact if you experience problems.

If you are not satisfied with the service you receive from your Honda dealer, you may write to:

American Honda Motor Co., Inc.
Honda Automobile Customer Service
Mail Stop 500-2N-7A
1919 Torrance Blvd.
Torrance, CA 90501-2746

If you believe that American Honda or the dealer has failed or is unable to remedy the defect in your vehicle, without charge, within a reasonable period of time (60 days from the date you first contact the dealer for a repair appointment), you may submit a complaint to:

Administrator
National Highway Traffic Safety Administration
1200 New Jersey Ave., SE
Washington, DC 20590

You can also call the toll-free Safety Hotline at 888-327-4236 (TTY 800-424-9153), or go to <http://www.safercar.gov>.

What to do if you feel this notice is in error.

Our records show that you are the current owner of a 2007 or 2008 Fit involved in this campaign. If this is not the case, or the name/address information is not correct, please fill out and return the enclosed, postage-paid Information Change Card. We will then update our records.

Lessor information.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within 10 days.

If you have questions.

If you have any questions about this notice, or need assistance with locating a Honda dealer, please call Honda Automobile Customer Service at 800-999-1009.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

**American Honda Motor Co., Inc.
Honda Automobile Division**