



Applies To: **2006 Civic Hybrid** – From VIN JHMFA362.6S000019 thru JHMFA362.6S031156
2007 Civic Hybrid – From VIN JHMFA362.7S000003 thru JHMFA362.7S005536

March 8, 2011

Safety Recall: DC-DC Converter Blows Main Fuse

BACKGROUND

There is a potential for the voltage converter that relays power from the Integrated Motor Assist (IMA) system to the vehicle's electrical components to fail, which will cause the headlights to turn off, the engine to stall, and prevent the vehicle from being restarted, thereby increasing the risk of a crash.

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.

Not all vehicles within the listed VIN ranges are affected by this campaign. To verify vehicle eligibility, you **must** check for 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 below the 15th 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 a dealership sell an unrepaired vehicle that subsequently causes 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 in inventory is affected by this campaign, do a VIN status inquiry before selling it.

CORRECTIVE ACTION

Replace the DC-DC converter.

PARTS INFORMATION

DC-DC Kit: P/N 06061-RMX-305
(Includes DC-DC converter and terminal cover)

WARRANTY CLAIM INFORMATION

Operation Number: 1181M4
Flat Rate Time: 0.8 hour
Failed Part: P/N 1C800-RMX-003
Defect Code: 5JC00
Symptom Code: R6900
Skill Level: Repair Technician

REPAIR PROCEDURE

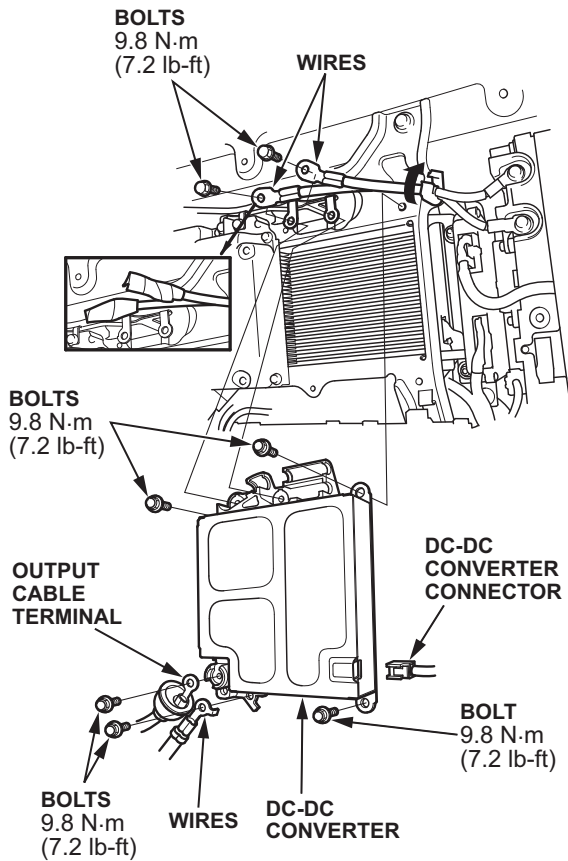
NOTE: This procedure is in an outline form that you can also use as a checklist for the repair. If you need more details on the procedures listed below, bookmark them in the service manual, or view them online:

- 12 Volt Battery Terminal Disconnection and Reconnection
- Rear Seat Removal/Installation
- Turning Off and On Power High Voltage Circuit (Keywords Service Precaution)
- IPU Lid Removal/Installation

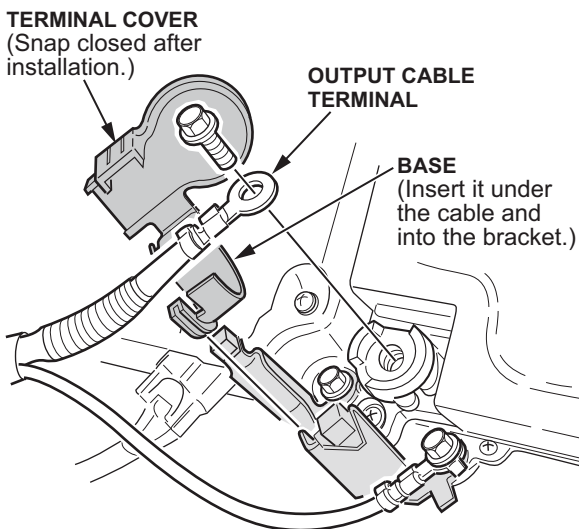
NOTE: The area you will be working in contains high-voltage parts. To work in this area, you must be familiar with the IMA (integrated motor assist) system. Before continuing, make sure you have read the IMA service precautions.

1. Turn the ignition switch to LOCK (0), then disconnect the negative cable from the 12 V battery.
2. Remove the rear seat-back and the rear seat cushion.
3. Turn the battery module switch OFF.
4. Remove the IPU (Intelligent Power Unit) lid.

- Disconnect the DC-DC converter connector.



- Remove the wires and the output cable terminal.
- Check if the output cable terminal has a rubber boot or a plastic terminal cover.
 - If there is a rubber boot, do Service Bulletin 07-009, *Safety Recall: DC-DC Converter Output Cable Is Pinched by IPU Lid*. Then, go to step 8.
 - If there is a plastic terminal cover, replace it with the one in the kit to make sure the hinge does not break when it is reassembled.



- Remove the bolts and the DC-DC converter.
 - Install the new DC-DC converter. Torque the DC-DC converter bolts to **9.8 N·m (7.2 lb-ft)**.
 - Reconnect the wires, including the output terminal cable, then the DC-DC converter connector.
 - Reinstall the IPU lid. Torque the IPU lid bolts to **9.8 N·m (7.2 lb-ft)**.
 - Turn the battery module switch ON.
 - Reinstall the rear seat-back and the rear seat cushion.
 - Reconnect the 12 V battery.
- NOTE: If the IMA battery level gauge (BAT) displays no segments, start the engine, and hold it between 3,500 rpm and 4,000 rpm without load (in P or N) until the BAT displays at least three segments.
- Center-punch a completion mark below the 15th character of the engine compartment VIN:

JHMXXXXXXXXXXXXXXXX

Center-punch here.

Example of Customer Letter

March 2011

Safety Recall: DC-DC Converter Blows Main Fuse

Dear Civic Hybrid 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 has decided that a defect, which relates to motor vehicle safety, exists in certain 2006 and 2007 model year Civic Hybrid vehicles. There is a potential for the voltage converter that relays power from the Integrated Motor Assist (IMA) system to the vehicle's electrical components to fail, which will cause the headlights to turn off, the engine to stall, and prevent the vehicle from being restarted, thereby increasing the risk of a crash.

What should you do?

Call any authorized Honda dealer and make an appointment to have your vehicle repaired. The dealer will replace the voltage converter. This work will be done 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

Or 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 or lessee of a 2006 or a 2007 Civic Hybrid 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, and select option 4.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

American Honda Motor Co., Inc.
Honda Automobile Division

March 8, 2011

Dear Service Manager:

Honda has announced a safety recall campaign for certain 2006 and 2007 Civic Hybrids. There is a potential for the voltage converter that relays power from the Integrated Motor Assist (IMA) system to the vehicle's electrical components to fail, which will cause the headlights to turn off, the engine to stall, and prevent the vehicle from being restarted, thereby increasing the risk of a crash.

Repair Strategy

The repair is to replace the DC-DC converter. For repair, tools, parts, and warranty information, refer to Service Bulletin 11-013, *Safety Recall: DC-DC Converter Blows Main Fuse*.

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 a dealership sell an unrepaired vehicle that subsequently causes 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, make sure the customer has a notification letter, or do an iN VIN status inquiry. In addition, check for a punch mark above the 15th character of the engine compartment VIN. A punch mark in that location means the vehicle has already been repaired.

Customer Notification

Owners of affected vehicles will receive a notification of this campaign the second week of March 2011. An example of the customer notification is at the end of service bulletin 11-013.

Parts Information

DC-DC converters are available through open ordering.

Sincerely,

American Honda Motor Co., Inc.
Honda Automobile Division