

June 5, 2014

ATB 22382-51741 REV1 (1406)

## 2001 Civic Product Update: Powertrain Control Module

Supersedes 00-098, dated December 19, 2000, to revise the information highlighted in **yellow**.

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2001	Civic	DX and LX	Check iN VIN status for eligibility.

### REVISION SUMMARY

- Part numbers and information were updated under PARTS INFORMATION.
- The WARRANTY CLAIM INFORMATION and REPAIR PROCEDURE sections were updated.

### BACKGROUND

A power surge may damage components in the ECM/ PCM. If this happens, the MIL may come on with DTC P1705 (short in transmission range circuit) stored. In addition, it may not be possible to shift out of Park (A/T), the shift indicator lights may flash (A/T), and/or the engine may have an unstable idle.

### CUSTOMER NOTIFICATION

Owners of affected vehicles received a notification of this product update. Before doing work on a vehicle, verify its eligibility by doing an iN VIN status inquiry.

### CORRECTIVE ACTION

Replace the ECM/PCM.

### PARTS INFORMATION

Part Name	Part Number	Quantity
Engine Control Module/Powertrain Control Module - KA 5-speed	37820-PLM-315	1
Engine Control Module/Powertrain Control Module – KA A/T	37820-PLM-336	1
Engine Control Module/Powertrain Control Module - KL 5-speed	37820-PLM-317	1
Engine Control Module/Powertrain Control Module – KL A/T	37820-PLM-339	1

**CUSTOMER INFORMATION:** The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

## WARRANTY CLAIM INFORMATION

**NOTE: Make sure that you enter any stored DTCs in the DTC field of the warranty claim.**

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
124106	Replace the ECM – KA specification 5-speed.	0.9 hour	00-098A	37820-PLM-A52
124106	Replace the PCM – KA specification A/T	0.9 hour	00-098B	37820-PLM-A52
124106	Replace the ECM – KL specification 5-speed	0.9 hour	00-098C	37820-PLM-A52
124106	Replace the PCM – KL specification A/T	0.9 hour	00-098D	37820-PLM-A52

Defect Code: 57800

Symptom Code: L0900

Skill Level: Repair Technician

## REPAIR PROCEDURE

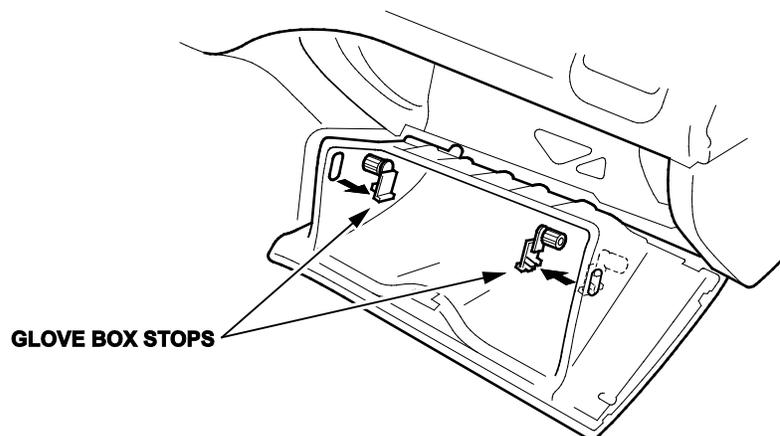
NOTE:

- When you replace the ECM/PCM, you must program (rewrite) it with the HDS to accept the transponder codes sent from the immobilizer, or the engine will not start.
- Make sure that you have one of the programmed ignition keys.
- Make sure the setup and time are correct before using the HDS. Select F12 in the upper right corner to access the Set-up Details screen. Make sure **Market** is set to **USA**. Select the time display in the lower right corner to access the **Date/Time Properties** pop-up window.
- If you are unable to log into the iN on the HDS, you must retrieve the ECM/PCM code from the Immobilizer Code Inquiry in the iN.

**1. Write down any stored DTCs on the RO. You will need this to submit a warranty claim.**

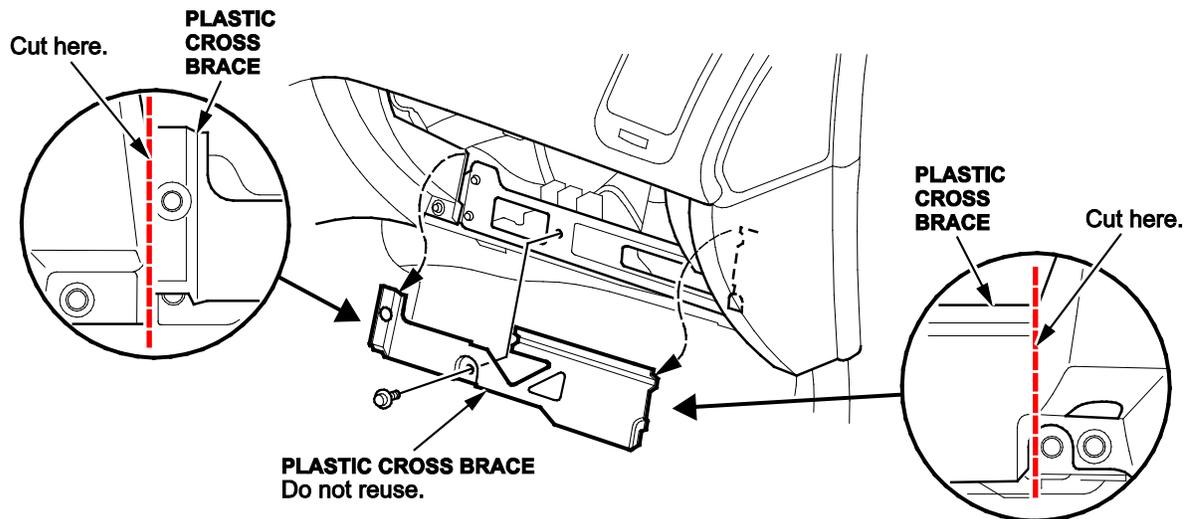
2. Remove the passenger's side dashboard lower cover and kick panel.

3. Open the glove box. Remove the glove box stops.

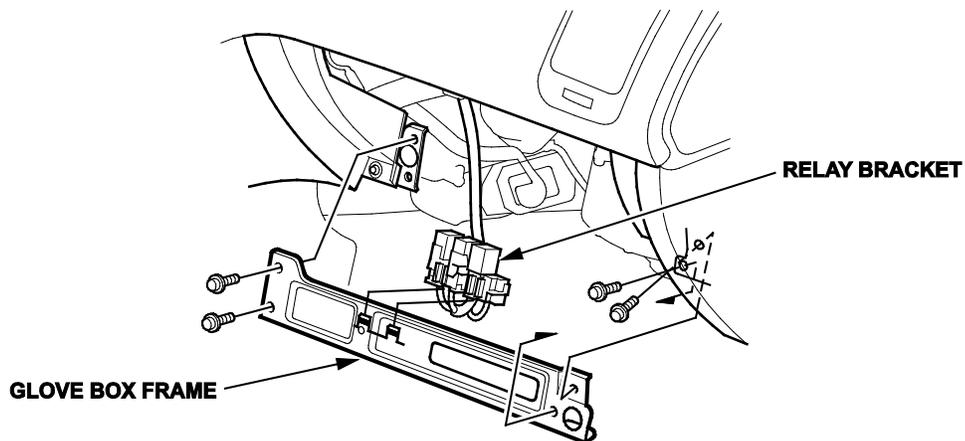


4. Remove the two glove box mounting bolts, then remove the glove box.

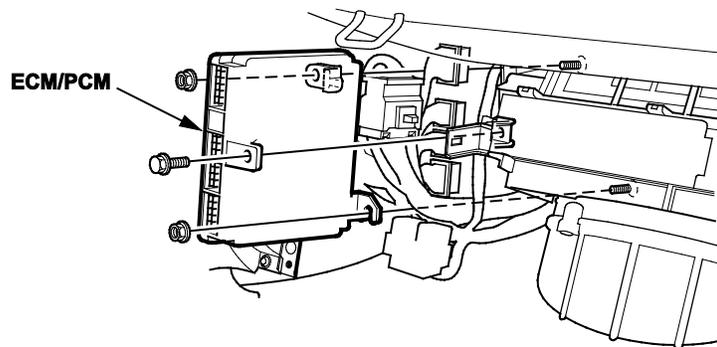
5. Cut out the plastic cross brace at the bottom of the glove box opening. Discard the brace.



6. Remove the relay bracket from the glove box frame. Remove the frame.

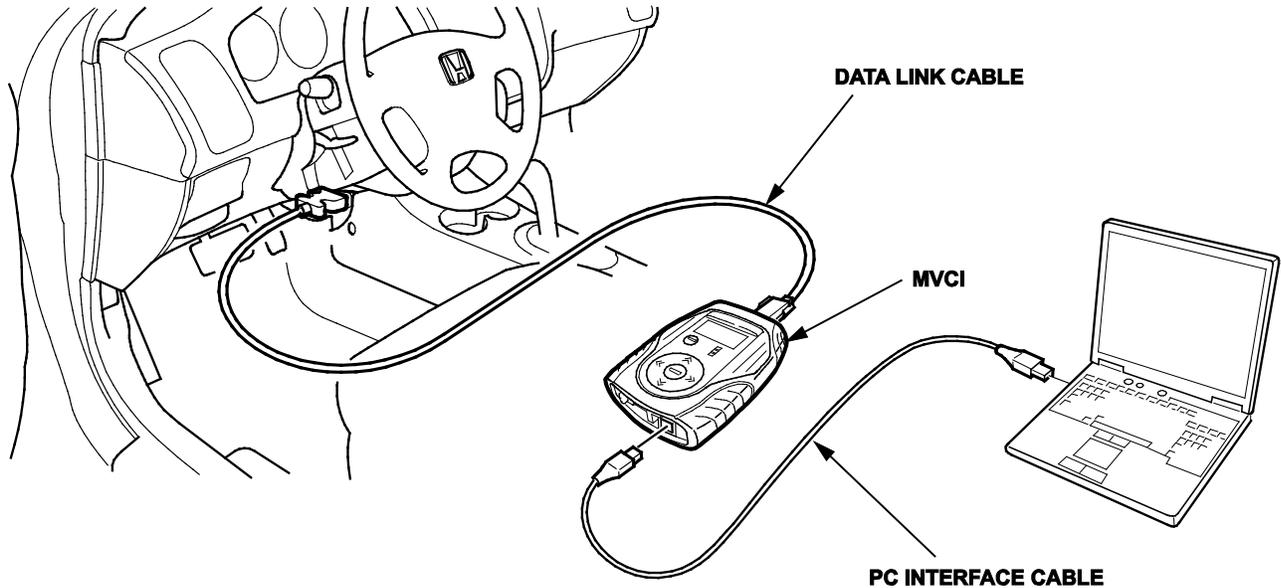


7. Remove the electrical connectors from the ECM/PCM. Remove the mounting bolt and nuts, then remove the ECM/PCM.



8. Look at the last three digits of the part number on the ECM/PCM to determine if it is a KA or KL specification. If they begin with an **A**, it is a KA ECM/PCM. If they begin with an **L**, it is a KL ECM/PCM. For example, 37820-PLM-A02 is a KA ECM.
9. Select the appropriate replacement ECM/PCM from PARTS INFORMATION. Get the 4-digit ECM/PCM code from the iN Immobilizer Code Inquiry. You will need it to initialize the immobilizer system.
10. Install the new ECM/PCM.
11. Reinstall all removed parts in the reverse order of removal.

12. Connect the HDS.  
REVISED ILLUSTRATION



13. Insert the programmed ignition key into the ignition switch, and turn the switch to ON (II). Turn on the HDS, verify that the HDS has the latest software version installed, then log in to the iN screen.
14. At the screen prompts, enter the VIN and the odometer reading, then verify the correct date and time.
15. From the System Selection Menu screen, select **IMMOBI**.
16. From the Mode Menu screen, select **Immobilizer Setup**.
17. From the Immobilizer Test Mode Menu screen, select **Replace ECM/PCM**.
18. Follow the on-screen prompts. If the HDS is not logged in to the iN, you will have to enter the PCM code you have retrieved from the iN Immobilizer Code Inquiry to proceed. When you are finished, turn the ignition switch to LOCK (0), then turn off and disconnect the HDS.

**NOTE:** If you have any problems with this procedure, call the American Honda Special Tools Hotline at **800-346-6327**.

19. Make sure all accessories (A/C, fan, radio, lights, etc.) are off. Start the engine, and let it run until it reaches normal operating temperature (the cooling fans come on twice).
20. Once the engine reaches operating temperature, let it idle for 10 minutes to allow the ECM/PCM to perform idle learn.