



2001 Civic Product Update: Powertrain Control Module

BACKGROUND

A power surge may damage components in the ECM/PCM. If this happens, the MIL may come on with a DTC 5-1 (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.

VEHICLES AFFECTED

KK:

LX with 5-speed – From VIN 1HGES15..1L500001
thru 1HGES15..1L500411

From VIN 2HGES15..1H750001
thru 2HGES15..1H750204

EX with 5-speed – From VIN 1HGES15..1L500001
thru 1HGES16..1L500540

From VIN 2HGES15..1H750001
thru 2HGES15..1H750137

LX with A/T – From VIN 1HGES16..1L500001
thru 1HGES16..1L500594

From VIN 2HGES16..1H750001
thru 2HGES16..1H750198

EX with A/T – From VIN 1HGES16..1L500001
thru 1HGES16..1L500400

From VIN 2HGES16..1L750001
thru 2HGES16..1L750145

KX:

With 5-speed – From VIN 1HGES15..1L900001
thru 1HGES15..1L901081

With A/T – From VIN 1HGES16..1L900001
thru 1HGES16..1L900693

KY/KV:

With 5-speed – From VIN JHMES85..1S402319
thru JHMES85..1S402328

With A/T – From VIN JHMES86..1S402285
thru JHMES86..1S402286

KU:

From VIN JHMES86..1S200001
thru JHMES86..1S201277

KA:

From VIN 1HGES1...1L000001
thru 1HGES1...1L027847

CUSTOMER NOTIFICATION

All owners of affected vehicles should be mailed a notification of this campaign. A sample customer letter is at the end of this service bulletin.

Not every vehicle in the VIN ranges listed is affected by this product update. Before starting work, verify the vehicle's VIN with your VIN listing.

PARTS INFORMATION

Engine Control Module/Powertrain Control Module:

KK: LX with 5-speed – P/N 37820-PLM-M01

EX with 5-speed – P/N 37820-PLR-K01

LX with A/T – P/N 37820-PLM-M51

EX with A/T – P/N 37820-PLR-K51

KX: LX/EX with 5-speed – P/N 37820-PLR-K01

LX/EX with A/T – P/N 37820-PLR-K51

KY/KV: Exi with 5-speed – P/N 37820-PLC-Y01

Exi with A/T – P/N 37820-PLC-Y51

KU: Exi with A/T – P/N 37820-PLC-U51

Exi with 5-speed – P/N 37820-PLC-U01

KA: DX/LX with 5-speed – P/N 37820-PLM-A03

DX/LX with A/T – P/N 37820-PLM-A53

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

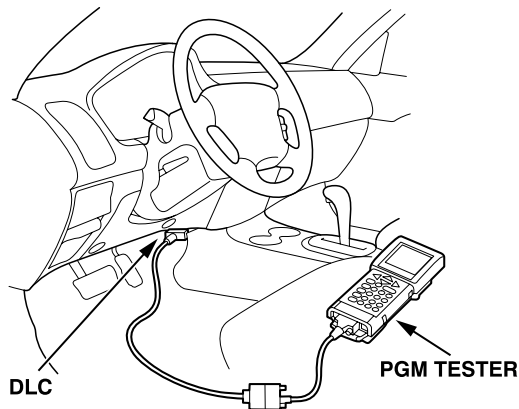
Flat Rate Time: 0.9 hour

Failed Part: P/N 37820-PLM-M01

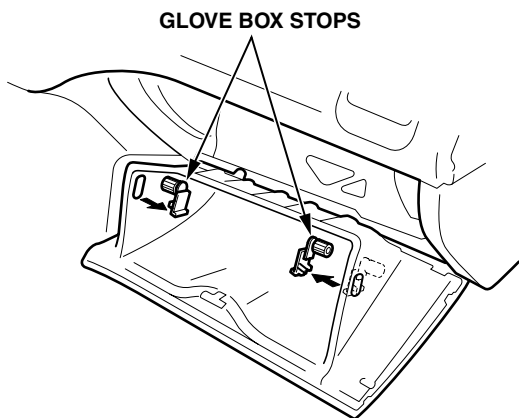
Defect Code: 578

REPAIR PROCEDURE

1. Make sure the batteries in your PGM Tester are charged, or connect an external power supply to the Tester.
2. Connect the PGM Tester to the 16P DLC (data link connector).

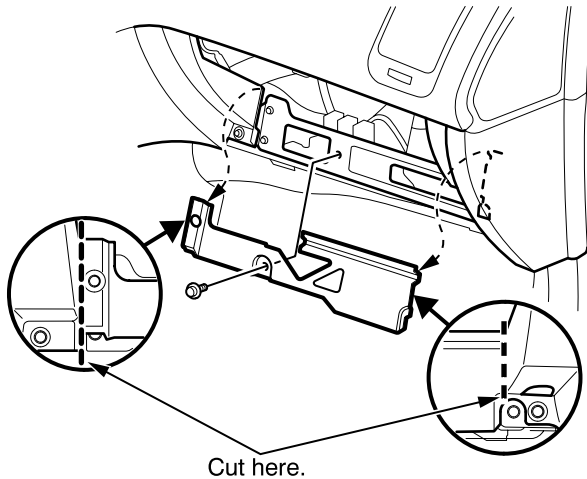


3. Turn the ignition switch to ON (II).
4. Check that the date and time on the Tester is correct, and that the market destination is correct.
5. When the PGM Tester displays VERSION MENU, press ENTER.
6. Enter the vehicle's VIN, then press ENTER.
7. Enter the vehicle's odometer reading, then press ENTER.
8. Select REPLACE ECM/PCM.
9. When the Tester prompts you to replace the PCM, turn the ignition switch to LOCK (0). Make sure the Tester stays powered on.
10. Remove the passenger's side dashboard lower cover and kick panel.
11. Open the glove box. Remove the glove box stops.

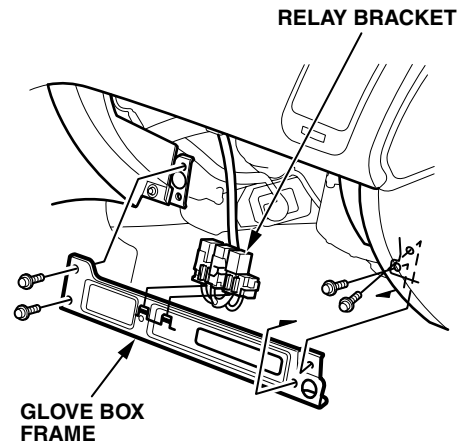


12. Remove the two glove box mounting bolts, then remove the glove box.

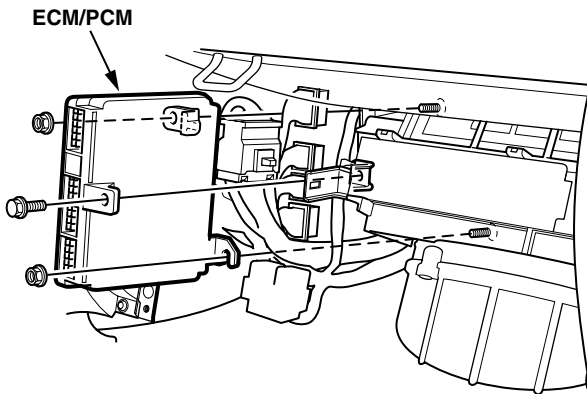
13. Cut out the plastic cross brace at the bottom of the glove box opening. Discard the brace.



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



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



16. Select the appropriate replacement ECM/PCM from PARTS INFORMATION.
17. Install the new ECM/PCM in the reverse order of removal.
18. Reinstall all removed parts.

19. Turn the ignition switch to ON (II).
20. When prompted by the Tester, turn the ignition switch to LOCK (0).
21. Disconnect the Tester from the 16P DLC.
22. When prompted, enter the password into the Tester.
23. Turn the ignition switch to ON (II).
24. Reconnect the Tester to the 16P DLC.
25. When prompted, turn the ignition switch to LOCK (0). There will be a delay of several seconds before this prompt appears.
26. When prompted, turn the ignition switch to ON (II).
27. When the Tester prompts you that the registration process for the immobilizer is complete, turn the ignition switch to LOCK (0).
28. Disconnect the PGM Tester from the DLC.
29. 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).
30. Once the engine reaches operating temperature, let it idle for 10 minutes to allow the ECM/PCM to perform the idle learning operation.
31. Turn off the engine. Center-punch a completion mark above the second character (H) of the engine compartment VIN.

Center-punch here.

1HGES1XXXXXXXXXX

Example of Customer Letter

January 2001

Product Update: Civic Powertrain Control Module

Dear Civic Owner:

We have sent this letter to notify you of a potential problem with your 2001 Civic, and to inform you of what you need to do to have it repaired.

What is the problem?

The Powertrain Control Module (PCM), the computer that controls the engine, could possibly be damaged by a power surge in your car's electrical system. If this happens, the Malfunction Indicator Lamp (MIL) may come on. Additional symptoms could be flashing shift indicator lights, inability to shift out of Park, and/or an erratic engine idle.

What should you do?

Call your Honda dealer/distributor at your earliest opportunity and make an appointment to have your car repaired. They will replace the PCM with an updated module. *This repair will be done free of charge.*

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

Our records show that you are the current owner or lessee of a 2001 Civic involved in this update. If this is not the case, or the name/address information is incorrect, please contact **(enter distributor name and address)**.

If you have questions

If you have any questions about this notice, please contact **(enter distributor name, address and telephone number)**.

We urge you to have your car repaired as soon as possible. Thank you for your cooperation.

Sincerely,

(Distributor name)