



Applies To: **2000 Insight – ALL**
2001 Insight with M/T – ALL

December 17, 2002

Emissions Recall: Insight ECM

BACKGROUND

The ECM does not correctly identify all malfunctions of the air/fuel ratio sensor (sensor 1). Because of this, the vehicle does not meet state and federal emissions regulations.

CUSTOMER NOTIFICATION

All owners of affected vehicles will be mailed a notification of this campaign. The text of the customer notification is at the end of this service bulletin.

CORRECTIVE ACTION

Replace the ECM. After you replace the ECM, reinitialize the immobilizer system, and do the idle learn procedure.

PARTS INFORMATION

Engine Control Module:

2000 Insight – P/N 37820-PHM-345
 H/C 7353030

2001 Insight – P/N 37820-PHM-316
 H/C 7353022

WARRANTY CLAIM INFORMATION

Operation Number: 122124

Flat Rate Time: 1.0 hour

Failed Part: P/N 37820-PHM-A01
 H/C 6344626

Defect Code: 5BL

Contention Code: L78

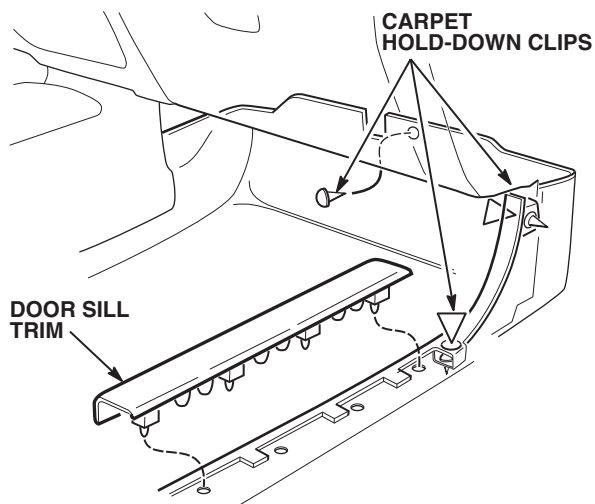
Skill Level: Repair Technician

REPAIR PROCEDURE

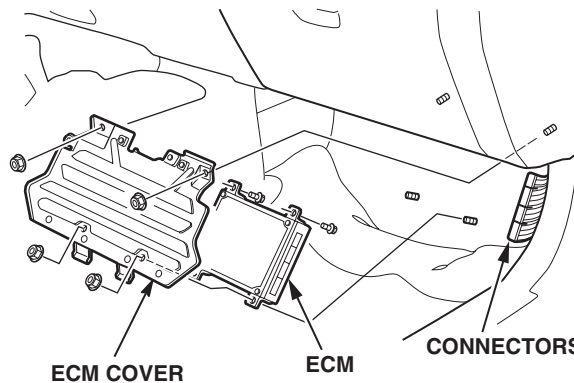
NOTE: Make sure you have all of your customer's keys.

- Carefully remove the passenger's door sill trim. If you break any of the trim clips, replace them (P/N 91560-S06-003, H/C 6353502).

- Remove the carpet hold-down clips on the door sill.



- Remove the carpet hold-down clip in the passenger's footwell under the glove box. Pull back the carpet.
- Remove the ECM cover mounting nuts.



- Pivot the lower edge of the ECM cover off the mounting studs. Lift the upper edge of the cover off the mounting studs, then pull the cover down and back so it clears the evaporator drain tube.
- Remove the two bolts mounting the ECM to the cover. Disconnect the ECM connectors, and remove the ECM.
- Install the new ECM and the cover in the reverse order of removal.
- Reinstall the carpet and the door sill trim.
- Connect the PGM Tester to the data link connector (DLC).

10. Use the PGM Tester to program the customer's immobilizer key codes into the ECM. Verify that all the keys will start the engine.
NOTE: Make sure the PGM Tester software is SN320P or later.
11. Do the idle learn procedure:
 - Warm the engine to normal operating temperature.
 - Let the engine idle for 10 minutes. If the radiator fan comes on, do not include its running time in the 10 minutes.
12. Center-punch a completion mark above the eighth character of the engine compartment VIN.

Center-punch here.

JHMZE1XXXXXXXXXX

13. **For California residents:** Fill out and give to your customer a *Vehicle Emission Recall - Proof of Correction* certificate. Advise them to keep this certificate as proof that the emissions recall was completed. Your customer will need to submit this certificate to the DMV if the DMV requests it. A supply of these salmon-colored certificates was sent to your service manager. If you need more, use reorder number Y0657.

Example of Customer Letter

December 2002

**Emissions Recall:
Insight Engine Control Module**

Dear Insight Owner:

This notice is sent to you in accordance with the requirements of the U.S. Environmental Protection Agency and the California Air Resources Board.

What is the reason for this notice?

Honda Motor Co., Ltd., has determined that a defect relating to emissions regulations exists on certain 2000–01 Insights. Your vehicle's engine control module (ECM) does not correctly identify all malfunctions of the emissions system. Because of this, the vehicle does not meet state and federal emissions regulations.

What should you do?

Call any authorized Honda dealer, and make an appointment to have your car repaired. The dealer will install a new ECM. *This repair will be done free of charge.* After replacing the ECM, the dealer will need to use the car's keys to reinitialize the immobilizer system. Make sure you bring *all* of the car keys when you come in. If you don't, the dealer cannot satisfactorily complete the repair. Please plan to leave your car at the dealer for half a day to allow them flexibility in scheduling.

California Residents – After doing the repair, your dealer will give you a *Proof of Correction* certificate. Keep this certificate for your records as proof that the emissions recall was completed. Submit the certificate to the DMV only if the DMV requests it.

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.
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

Certification & Compliance Division,
Vehicle Programs Group
U.S. ENVIRONMENTAL PROTECTION AGENCY
2000 Traverwood Drive
Ann Arbor, MI 48105

In California, contact

California Air Resources Board
P.O. Box 8001
El Monte, CA 91734-8001

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

Our records show that you are the current owner or lessee of a 2000–01 Insight involved in this recall. If this is not the case, or the name/address information is incorrect, please fill out and return the enclosed, postage-paid *Information Change Card*. This will help us update our records.

If you have questions.

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

We apologize for any inconvenience this may cause you.

Sincerely,

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