



Applies To: **2003-04 Accord L4 – ALL**
2003-04 Element – ALL

August 8, 2006

MIL Is On With PGM-FI DTC P0507 Stored and/or Idle Is Slightly Higher Than Expected After a Cold Start

(Supersedes 06-040, dated July 14, 2006, to update the information marked by the black bars)

SYMPTOM

The MIL is on with PGM-FI DTC P0507 stored, and/or the idle is slightly higher than expected when started cold.

PROBABLE CAUSE

The PCM software misinterprets inputs for the PGM-FI idle air control setting.

CORRECTIVE ACTION

Use the HDS to update the ECM/PCM PGM-FI software.

SOFTWARE INFORMATION

Accord: HDS software version 2.005.004 (or later)
 Element: HDS software version 2.005.008 (or later)

2003-04 Accord:

| PGM-FI PROGRAM ID | PGM-FI PROGRAM P/N |
|-------------------|--------------------|
| AA3150 (or later) | 37805-RAA-315 |
| AA3160 (or later) | 37805-RAA-316 |
| AA3170 (or later) | 37805-RAA-317 |
| AA3090 (or later) | 37805-RAA-309 |
| AD4150 (or later) | 37805-RAD-415 |

2003-04 Element:

| PGM-FI PROGRAM ID | PGM-FI PROGRAM P/N |
|-------------------|--------------------|
| ZD3050 (or later) | 37805-PZD-305 |
| ZD3060 (or later) | 37805-PZD-306 |
| ZD3070 (or later) | 37805-PZD-307 |

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Operation Number: 125517

Flat Rate Time: 0.3 hour

Failed Part: P/N 37820-RAA-315
 H/C 8424152

Defect Code: 03214

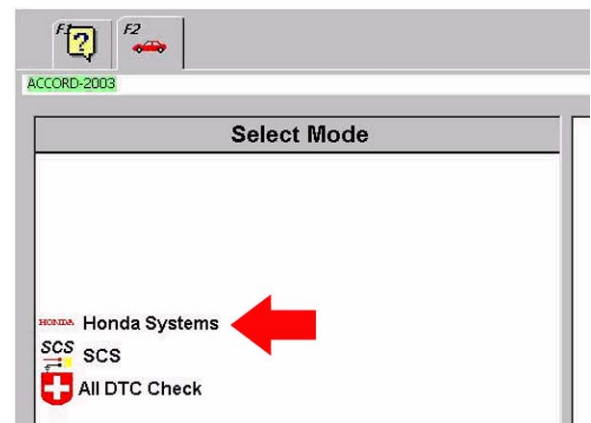
Symptom Code: 03203

Skill Level: Repair Technician

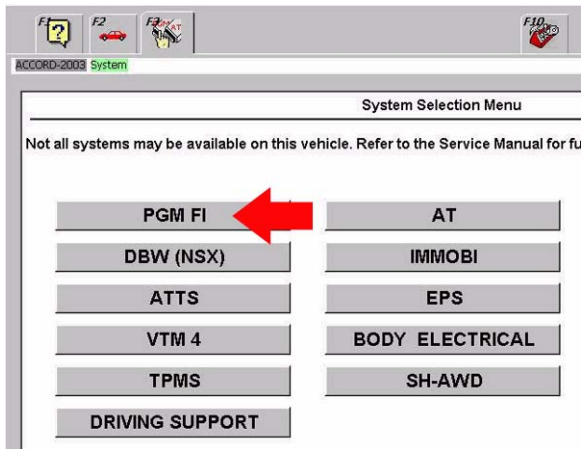
Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Parts and Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

REPAIR PROCEDURE

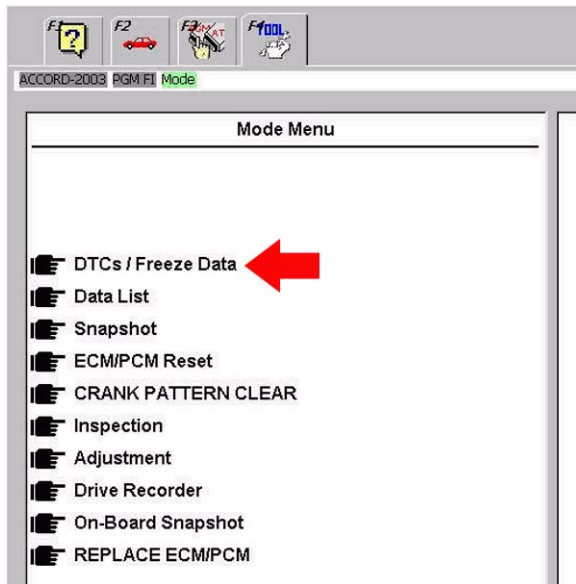
- Update the PGM-FI software (refer to Service Bulletin 01-023, *Updating Control Units/Modules*).
- Verify the ECM/PCM PGM-FI software update repaired the vehicle by starting the engine and letting it idle for 3 minutes, then use the HDS to check the DTC P0507 in OBD STATUS.
 - In HDS, click on **Honda Systems**.



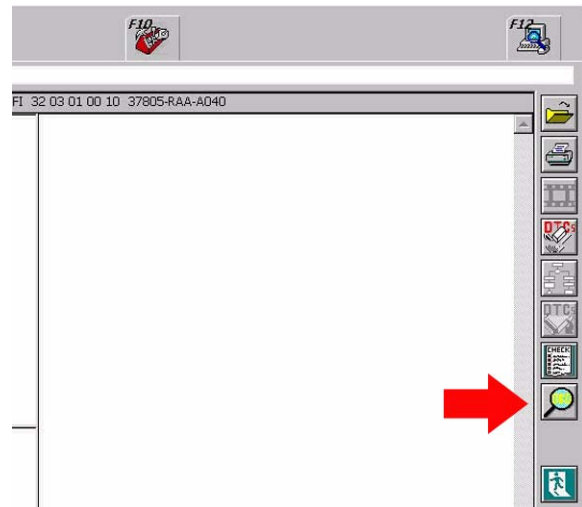
- Click on **PGM-FI**.



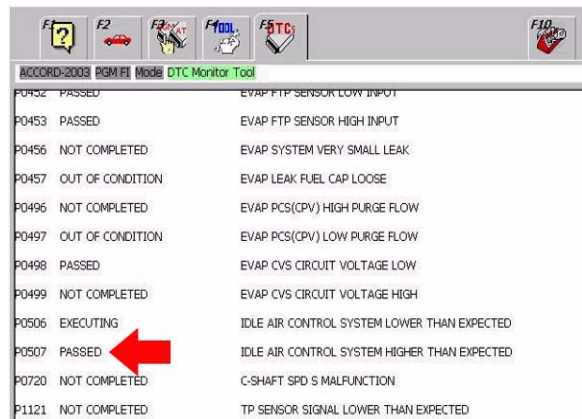
- Click on **DTCs/Freeze Data**.



- Click on the **magnifying glass** on the bottom right-hand corner of the screen.



- Check the status of P0507.



- If the P0507 OBD STATUS shows “PASSED,” return the vehicle to the customer.
- If the P0507 OBD STATUS does not show “PASSED,” continue with normal troubleshooting.