



Product Update: Software Update to Improve Fuel Injector and VTC Timing (Supersedes 11-021, dated October 22, 2011, to revise the information marked by the black bars)

REVISION SUMMARY

Under REPAIR PROCEDURE, the phone number was added for certificate ordering, and an example of the certificate was added.

BACKGROUND

The fuel injector timing and VTC timing at cold start may create deposits on the oil control rings that could contribute to increased oil consumption.

CLIENT NOTIFICATION

All owners of affected vehicles will be sent a notification of this product update. An example of the client notification is included at the end of this service bulletin.

Do an **iN VIN status inquiry** to make sure the vehicle is shown as eligible.

In addition, check for a punch mark above the third character of the engine compartment VIN. A punch mark in that location means this product update has already been completed.

Some vehicles affected by this campaign may be in your new or used vehicle inventory. Repair these vehicles before they are sold.

Should a dealership sell an unrepaired vehicle that subsequently causes injury or damage because of the campaigned 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

Update the PGM-FI software.

WARRANTY CLAIM INFORMATION

Operation Number: 1255A2
 Flat Rate Time: 0.2 hour
 Failed Part: P/N 37820-RL5-A04
 Defect Code: 5NC00
 Symptom Code: R8800
 Skill Level: Repair Technician

SOFTWARE INFORMATION

NOTE: Unnecessary or incorrect repairs resulting from a failure to update the HDS or MVCI are not covered under warranty.

MVCI Control Module (CM) Update: Application Version 2.18.04 or later, Database Update: 4-JUL-2012 **or later**

HDS Software Version: 3.005.007 **or later**

Before beginning the repair, make sure that both the HDS and MVCI are updated as listed above. Do only the update listed in this service bulletin.

The MVCI automatically checks the vehicle's reprogrammable systems and, if an update is available, displays that system on the **System Selection** screen. Select the system that is indicated in this service bulletin to update.

Check that the MVCI indicates the applicable program ID listed below (or a later program ID) as the **Recommended Update** when the update begins.

If the MVCI displays **This vehicle does not need an update at this time** during the update, the software for this service bulletin is already installed.

For more information about updating the HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*

| Year/Model/Trans | Program ID (or later) | Program P/N (or later) |
|-------------------------|-----------------------|------------------------|
| 2009–10 TSX L4 with M/T | L5A120 | 37805-RL5-A12 |
| 2011 TSX L4 with M/T | L5A070 | 37805-RL5-A07 |



CLIENT 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 Acura automobile dealer.

REPAIR PROCEDURE

- 1. Update the PGM-FI software. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.
- 2. Center-punch a completion mark above the third character of the engine compartment VIN:

Center-punch here.

JH4XXXXXXXXXXXXXXXXX

- 3. **For California Residents Only:** Fill out a Vehicle Emissions Recall - Proof of Correction certificate, and use **R88** as the campaign number. Give the certificate to your client, and advise him or her to keep it as proof that the product update was completed. Your client will need to submit the certificate to the DMV only if the DMV requests it.

If you need more certificates, contact Helm Inc. at **800-782-4356**, and use reorder number **Y0657**.

| Vehicle Emission Recall - Proof of Correction | | | | |
|--|-----------------------------------|------------------------------|--------------------------|-------------------------------|
| License Number | Make | Year Model | Body Type | Vehicle Identification Number |
| | | | | |
| Manufacturer | | | Recall Number R88 | |
| The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws. | | | | |
| Dealer's Name | | Address, City, State and Zip | | |
| Date | Dealership's Authorized Signature | | | |
| | X | | | |
| Return this certificate to DMV <u>only</u> when required - otherwise retain for your records. | | | | |

Y0657 ACL 24832 (0212)

Example of Client Letter

September 2011

Product Update: Software Update to Improve Fuel Injector and VTC Timing

Dear TSX Owner:

This letter is to notify you of a potential problem with your vehicle and what you should do to resolve it.

What is the problem?

On some 2009–2011 TSXs, the fuel injector timing and VTC timing at cold start may create deposits on the oil control rings that could contribute to increased oil consumption.

What should you do?

Contact any authorized Acura dealer for an appointment to have the software in your vehicle updated. The dealer will update the electronic control module (ECM) software. This work will be done free of charge. Please plan to leave your vehicle at the dealer for half a day to allow them flexibility in scheduling.

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

What to do if you feel this notice is in error

Our records show that you are the current owner or lessee of a 2009–2011 TSX involved in this campaign. If this is not the case, or the name/address information is not correct, please complete, sign, and return the enclosed, postage-paid Information Change Card. We will then update our records.

Lessor Information

If this is a leased vehicle, and you are the lessor/registered owner, please forward a copy of this notice to the lessee.

If you have questions

If you have any questions about this notice, or need assistance with locating an Acura dealer, please call Acura Client Relations at 800-382-2238, and select option 4.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

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