

December 7, 2018

Version 2

Product Update: 2017-18 CR-V: Software Update with A/C Control Unit Replacement, DTC P0300, P0301, P0302, P0303, P0304, or P0172

Supersedes 18-114, dated October 22, 2018, see REVISION SUMMARY

REVISION SUMMARY

Under PARTS INFORMATION, parts control information was removed

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017-18	CR-V	EX, EX-L, Touring	Check the iN VIN status for eligibility.

BACKGROUND

Under certain circumstances, the vehicle may experience driveability concerns, which may result in DTC's P0300 (Random Misfire Detected), P0301 (No. 1 Cylinder Misfire Detected), P0302 (No. 2 Cylinder Misfire Detected), P0303 (No. 3 Cylinder Misfire Detected), P0304 (No. 4 Cylinder Misfire Detected), or P0172 (Fuel System Too Rich) to set.

There are one of two updates that can be performed. Check the iN VIN status inquiry for applicability.

- 18-114: Product Update: 2017-18 CR-V Software Update with A/C Control Unit Replacement DTC P0300, P0301, P0302, P0303, P0304, or P0172
- OR
- 18-124: Product Update: 2017-18 CR-V Software Update DTC P0300, P0301, P0302, P0303, P0304, or P0172

CUSTOMER NOTIFICATION

Owners of affected vehicles will be sent a notification of this campaign.

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

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

CORRECTIVE ACTION

Reset the maintenance minder light, replace only the engine oil, and the A/C control unit. Clear any DTC's and update the PGM-FI and TCU software with the latest version. Reset the throttle position learned values and do the PCM idle learn procedure.

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

Use the warranty information below **only if dealerships is a participant of the bulk oil program.**

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1245A2	Reset the maintenance minder light. Update PGM-FI and TCU software. Replace the engine oil, the A/C control unit, and perform the throttle position reset and PCM idle learn procedure.	1.1 hr	6DU00	V2Y00	A18114A	37805-5PA-A68

If your dealerships is not a participant of the bulk oil program, use the warranty information below.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1245A2	Reset the maintenance minder light. Update PGM-FI and TCU software. Replace the engine oil, the A/C control unit, and perform the throttle position reset and PCM idle learn procedure.	1.1 hr	6DU00	V2Y00	A18114B	37805-5PA-A68

Skill Level: Repair Technician

PARTS INFORMATION

Part Name	Part Number	Quantity
Drain Plug Washer (14 mm)	94109-14000	1
Auto Air Conditioner CPU Assembly (A/C Control Unit)	79600-TLA-A62	1

MATERIAL INFORMATION

Part Name	Part Number	Quantity
0W-20 (Bulk Oil Participants) Gallon	FS020-BAS-N0L	1
0W-20 (Non-Bulk Oil Participants) Quarts	08798-9063	4

SOFTWARE INFORMATION

NOTE

Unnecessary or incorrect repairs resulting from a failure to update the i-HDS are not covered under warranty.

i-HDS Software Version: **1.004.037 or later**

J2534 Software Information:

- PC Application Version **1.1.0.2 or later**
- Database update **23-SEP-2018 or later**

Before beginning the repair, make sure that both the i-HDS and J2534 software are updated as listed above.

Do only the update listed in this service bulletin.

You cannot apply the updates with the MVCI as a standalone tool. To update the software you must use the MVCI or the DST-i interface in conjunction with the J2534 Rewrite PC application on the i-HDS.

For more information about updating the i-HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-023, *Updating Control Units/Modules*.

Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2017-18 CR-V (2WD)	PGM-FI	PAA680	37805-5PA-A68
2017-18 CR-V (AWD)	PGM-FI	PAA880	37805-5PA-A88
2017-18 CR-V (2WD)	TCU	RHA040	28101-5RH-A04
2017-18 CR-V (AWD)	TCU	RGA040	28101-5RG-A04

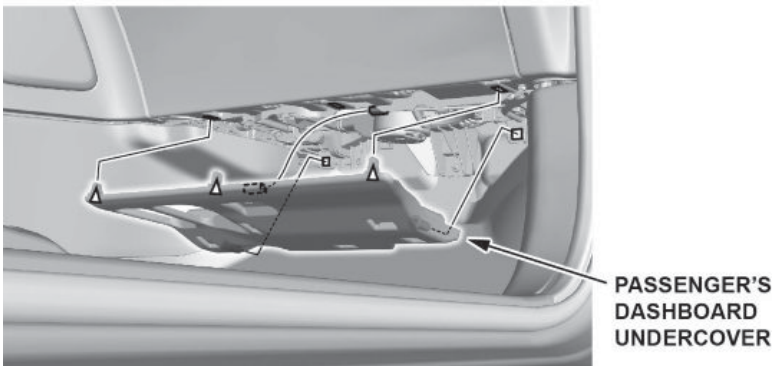
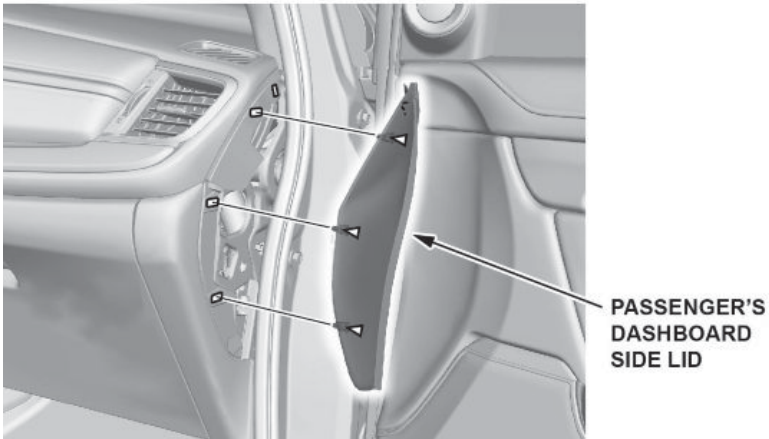
REPAIR PROCEDURE

1. Reset the maintenance minder light.

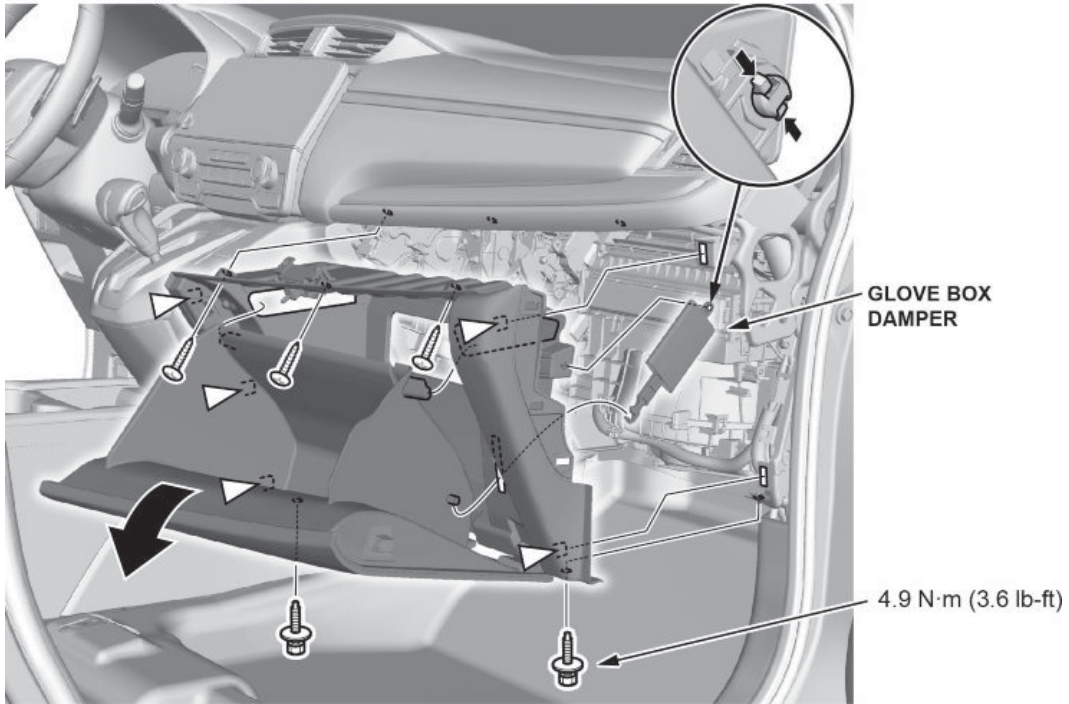
NOTE

The maintenance minder light may not reset after the update is complete, so reset the maintenance minder first.

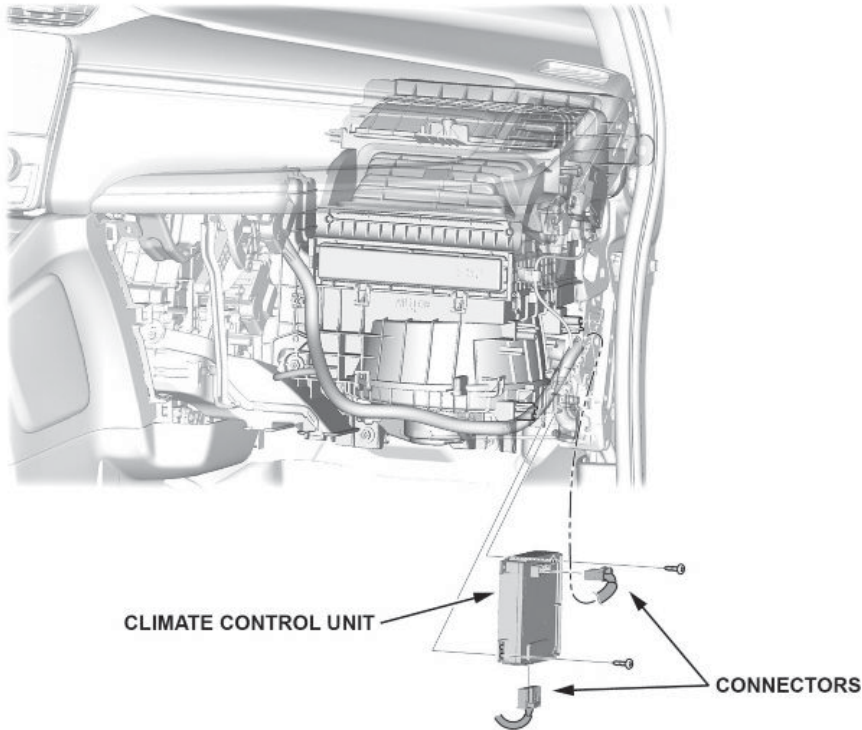
2. Drain and refill the engine oil. Do not replace the oil filter.
3. Replace the A/C control unit.
 - 3.1. Remove the dash side lid and the undercover.



3.2. Remove the glove box.



3.3. Remove the A/C control unit and replace with the new unit.



3.4. Install all parts in reverse order.

3.5. Run the self-diagnostics procedure with the i-HDS to make sure that there are no problems in the system.

4. Connect the i-HDS to the vehicle.

5. Update the PGM-FI and TCU software using the i-HDS.

6. Reset the throttle position learned values then do the PCM idle learn procedure. Refer to service information for additional instructions.

NOTE

More information on this procedure can be found in the Tech2Tech video titled, *A Look at PCM Idle Learn*.

END