

September 15, 2017

07070 Version 1

Steering Intermittently Pulls to the Right

AFFECTED VEHICLES

Year	Model	Trim	VIN range
2014–17	RLX	ALL	ALL
2014, 2016–17	RLX Hybrid	ALL	ALL

SYMPTOM

The steering intermittently pulls to the right while driving.

POSSIBLE CAUSES

The steering rack is intermittently self-generating a pull to the right because of an EPS programming issue.

CORRECTIVE ACTION

If the issue is intermittent, update the EPS control unit; otherwise, continue with normal troubleshooting. NOTE: This service bulletin does not fix drift or pulling caused by alignment or tire issues.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation	Description	Flat Rate	Defect	Symptom	Template	Failed Part
Number		Time	Code	Code	ID	Number
5135A6	Update the EPS control unit.	0.2 hr	03214	03217	B17033A	53600-TY2-A61

Skill Level: Repair Technician

SOFTWARE INFORMATION

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

i-HDS Software Version: 1.003.015 or later

J2534 Software Information:

PC Application Version 1.1.0.2 or later

Database update 24-AUG-2017 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 vehicle, 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, MVCI, or DST-i and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

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.

Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2014–15 RLX (Base/Base Navi/Tech/Tech Audio/ Advance)	EPS	Y2A050	39990-TY2-A05
2014 RLX Hybrid (Tech/Advance)	EPS	Y2A050	39990-TY2-A05
2016–2017 RLX (Tech/Advance)	EPS	Y3J040	39990-TY3-J04
2016–2017 RLX Hybrid (Tech/Advance)	EPS	Y3J040	39990-TY3-J04

To check the database update version on the i-HDS laptop, right click on the HDS Download Manager icon on the taskbar, and select **Open Download Manager** from the dropdown menu.



REPAIR PROCEDURE

NOTE:

- You cannot update the vehicle using the MVCI as a standalone tool.
- Do not use the MongoosePro VCI tool.
- Make sure the battery is fully charged. Check the condition of the battery using the GR8 battery diagnostic station. If necessary, replace the battery before updating the EPS software. Refer to Service Bulletin 88-016, Battery Testing and Replacement.

NOTE: Make sure that you have the latest software version installed on your GR8 station (see the iN Service Station, Service Bay, Diagnostic Tool Software Version.

- Connect a fully charged jumper battery to the vehicle, and leave it connected during the entire procedure to maintain steady voltage.
- Never turn the ignition to OFF or ACCESSORY during the update. If there is a problem with the update, leave the ignition turned to ON.
- To prevent EPS control unit damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.
- If you see the following Error Display, check that you are using the correct tool (MVCI or DST-i) with the i-HDS.

		Error Display	
Error 50 DATA LINK COMMUNIC Make sure correct VCI d Make sure that the ignitic Press ENTER.	ATION ERROR avice is selected in the on switch is on, and re	e settings menu. try programming.	
System :			
Current Program ID :			
Program ID :			
Model :			
Update Description :			
	1		and the second

To change this, click on either of the **SETTING** selection buttons at the bottom of the J2534 initial screens as shown.

Honda J2534 Pass Thru ECU Rep	programming Ver. 1.1.0.2								
	Honda EC	ONDA Power of Dreams CU Reprogram	ming			H	ONDA	•	
Do not perform CM U If a wireless co	PC Appli Database Caibi NoticeDB Ipdates across any type of wi ornection is disrupted during Always perform CM Update erican Honda Molor Co., Inc. urges	cation version:1.1.0 Update :24-AUG-21 ration Files :1845 version:24-AUG-20 WARNING reless connection b CM Update, perman s using the cable of end users to always u	12 117 http://www.intelianton.org/linearized	d the interface device. CU is possible. slease of the J2534 Honda		Enter the Service Bullet	Do not enter bulletin	number	
Pass Thru Programming applicable control module Close	Help	SETTING	Error Display	sful reprogramming of Start	Close	SETTING)		Start

1. Make sure the parking brake is applied and the headlights are turned off.

2. Update the EPS software by selecting the **i-HDS Diagnostic System** icon. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.



3. Select J2534 Rewrite.

menu		
Connect to the Vehicle	Stored Data Playback	Settings
Related applications	Immobilizer Setup Tool	J2534 Rewrite
VCI Reset (may take up to an hour)		

4. Confirm the software is the same or later as listed in SOFTWARE INFORMATION.

Honda J2534 Pa	ass Thru ECU F	Reprogramming Ver. 1.1.0.2			
		: Honda	HONDA The Power of Dreams ECU Reprogram	nming	
Do not i	perform CM f a wireless NT NOTICE: A	PC / Datal Notic Updates across any type connection is disrupted du Always perform CM Up merican Honda Motor Co., Inc. o software, Using the latest ver	Application version:1.1. base Update :24-AUG- Calibration Files :1845 eDB version:24-AUG-2 WARNING of wireless connection ring CM Update, perm dates using the cable of urges end users to always rsion of the software is the	0.2 2017 2017 between the laptop and anent damage to the EC of the interface device. use the latest production reliv best way to ensure successf	the interface device. U is possible. Jease of the J2534 Honda
applicable	e control modi	lles.	SETTING	Error Display	Start

5. Select **Start**, and then follow the screen prompts.

NOTE:

- Do not enter a bulletin number.
- When the programming begins, the headlights will turn on, and several dash MIL lights will come on. This is normal.



- If you receive a message that the vehicle has been already updated or that no update is available, check the **EPS Data List**. The header should indicate one of the following numbers (or later).
- If the program part numbers do not match those listed above, the i-HDS software needs to be reinstalled. Contact the Special Tools Hotline at 800-346-6327 for assistance.

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2016–17 RLX (Tech/Advance)	EPS	Y3J040	39990-TY3-J04
2016–17 RLX Hybrid (Tech/Advance)	EPS	Y3J040	39990-TY3-J04

6. Do an all DTC check and clear the DTCs from all systems

END