

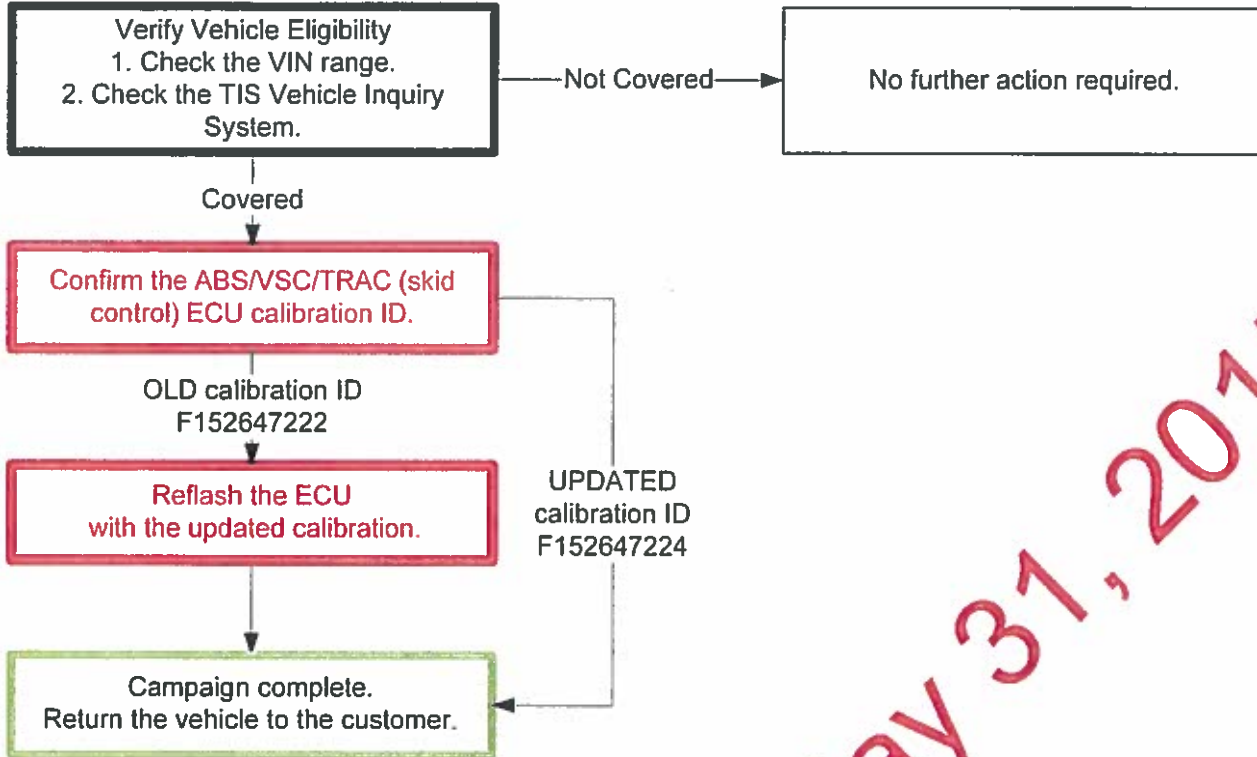


COG Expired on May 31, 2015

**TECHNICAL INSTRUCTIONS
FOR
LIMITED SERVICE CAMPAIGN COG
LANE KEEPING ASSIST SYSTEM UPDATE
335 SPECIFIC 2012 MODEL YEAR PRIUS**

COG Expired on May 31, 2015

I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

A. COVERED VIN RANGE

WMI	Year	VIN Range		Note
		VDS	Range	
JTD	2012	KN3DU	C1479552-C1515657	With Lane Keeping Assist (LKA) System
			C5369651-C5424795	

NOTE:

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Limited Service Campaign, and that the campaign has not already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or were completed by another dealer.

III. PREPARATION

A. PARTS

*No parts are needed for this campaign.

B. TOOLS & EQUIPMENT

- TIS Techstream
- Techstream Lite
- GR8 Battery Diagnostic Station

IV. BACKGROUND

On 335 Specific 2012 model year Prius vehicles, the Lane-Keeping Assist (LKA) system does not activate the lane departure warning (beep) when the vehicle begins to deviate from the marked lane. All other features of the LKA system operate as designed.

V. ECU CALIBRATION ID VERIFICATION

1. CONFIRM THE ABS/VSC/TRAC (SKID CONTROL) ECU CALIBRATION ID

- Perform a health check.
- Confirm the current calibration ID in the ECU.

CURRENT CALIBRATION ID	ACTION REQUIRED
F152647222	Proceed to STEP VI. ECU REFLASH PROCEDURE

NOTE: If the calibration ID currently in the skid control ECU is *NOT* listed above, the vehicle is not affected and the campaign is complete.

VI. ECU REFLASH PROCEDURE

1. CONNECT THE GR8

- Set the GR8 to Power Supply Mode to help maintain 13.5 volts during ECU reprogramming.



- A battery charger set to power supply mode **MUST** be used during reprogramming.
- ECU damage may occur if the correct battery charger setting is not used.

2. REFLASH THE ECU

- Click yes on the health check results screen, or follow the links below to begin the reflash process.

CURRENT CALIBRATION ID	UPDATED CALIBRATION ID
F152647222	F152647224

NOTE:

- For general reprogramming procedures, refer to [T-SE-001471](#).
- Confirm the latest version of Techstream software is being used.



- If the Techstream does not have sufficient battery power the reflash will fail.
- Confirm the DLC3 cable is in good condition before attempting reflash.

3. CHECK FOR DTCs

◀ VERIFY REPAIR QUALITY ▶

- Confirm the GR8 is set up properly prior to beginning the reprogramming
- Confirm the reflash completes successfully
- Confirm there are no DTCs in the ECU

If you have any questions regarding this update, please contact your regional representative

VII. APPENDIX

A. CAMPAIGN DESIGNATION DECODER

