



HYUNDAI Technical Service Bulletin

GROUP
BODY ELECTRICAL

NUMBER
20-BE-002H

DATE
JANUARY, 2020

MODEL(S)
PALISADE (LX2)

SUBJECT: BLIND-SPOT COLLISION WARNING (BCW) RADAR UPDATE

Description: Some Palisade (LX2) vehicles may intermittently experience the BCW Malfunction Indicator Light ON with a message “Check Blind-Spot Collision Warning System” displayed on the instrument cluster. When the BCW Malfunction Indicator Light is ON, the BCW function becomes inoperative. This bulletin provides the service procedure to update the BCW system software to correct the intermittent BCW Malfunction Indicator Light.

NOTE: When the BCW Malfunction Indicator Message turns ON, the diagnostic code C270354 (Control Module Slave Calibration) will be triggered.

BCW Malfunction Indicator Message



Applicable Vehicle: Certain 2020 MY Palisade (LX2) produced from 4/18/2019 – 8/28/2019 equipped with BCW

CAUTION

If DTC C270354 is shown in the GDS scan history, perform the BCW software update. If DTC C270354 does not appear in the GDS scan history, do not perform the update. You must attach a picture of DTC C270354 in the GDS scan history to submit the warranty claim. Claims submitted where the picture does not include DTC C270354 will be subject to chargeback.

SUBJECT:

BLIND-SPOT COLLISION WARNING (BCW) RADAR UPDATE

Warranty Information:

MODEL	OP. CODE	OPERATION	OP. TIME	CAUSAL PART	NATURE	CAUSE
Palisade (LX2)	99140F01	BCW UPGRADE	0.5 M/H	99140-S8000	I3A	ZZ3

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BCW SOFTWARE UPDATE PROCEDURE*** NOTICE**

Check if the vehicle's software version is affected:

- Check the current version of the BCW ROM ID and compare it to the ROM ID information table listed below before attempting to update the BCW system.

*** NOTICE**

You must initially perform the **GDS BCW Update in Auto Mode**.

- Refer to the TSB **15-GI-001** for the tablet-based Mobile GDS ECU update procedures.
- If the BCW Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

*** NOTICE**

- In the ECU Upgrade screen, select BCW as the system to update.

GDS INFORMATION:**EVENT INFORMATION**

MODEL	EVENT DESCRIPTION
Palisade (LX2)	"574.LX2 - BCW AUTO CALIBRATION LOGIC IMPROVEMENT"

ROM ID INFORMATION TABLE:

MODEL	BCW P/N	ROM ID	
		OLD	NEW
Palisade (LX2)	99140-S8010 (LHD radar)	LX19_1.01_LX19_1.01	LX19_1.02_LX19_1.02
	99150-S8010 (RHD radar)		

MANUAL MODE PASSWORD INFORMATION TABLE:

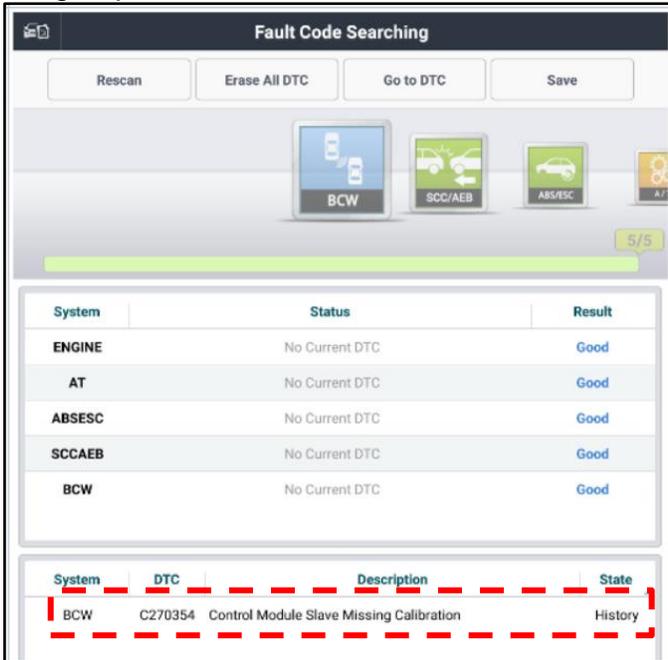
MENU	PASSWORD
LX2 BCW 99140/50-S8000, 99140/50-S8010, 99140/50-S8020	8010

Service Procedure:

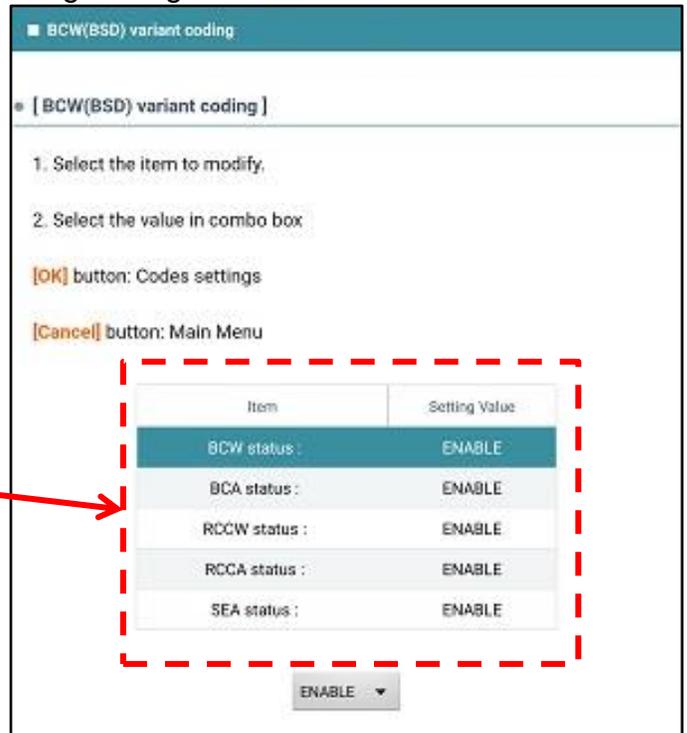
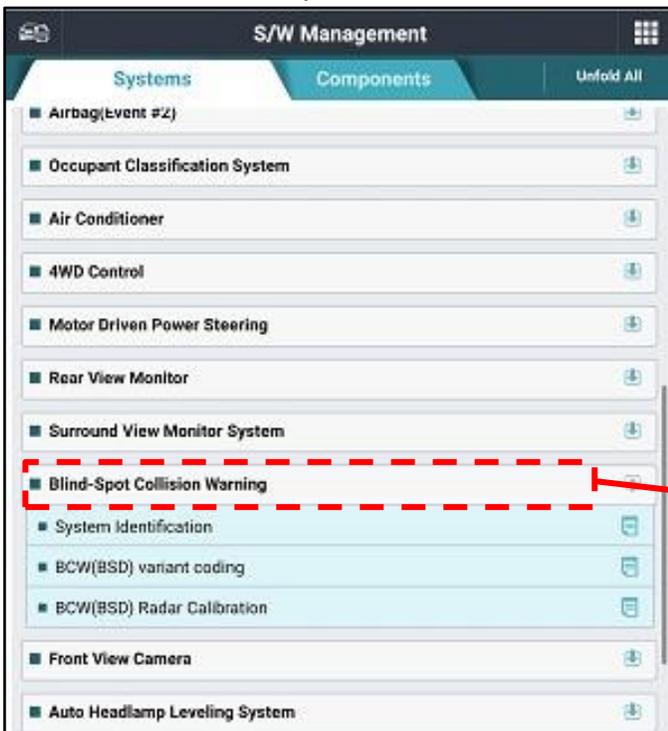
1. Perform the BCW system DTC scan.

If the DTC code C270354 is shown in history code, then proceed with updating the BCW.

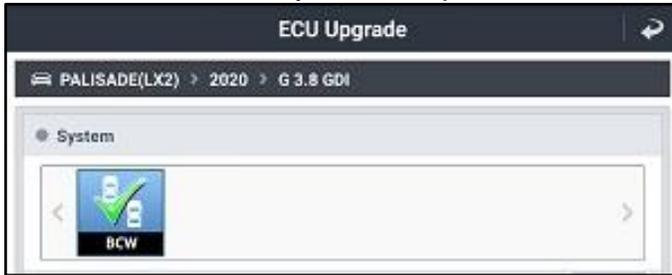
2. Take a picture or screenshot of the GDS displaying DTC C270354 in history for warranty claim image upload.



3. Write down or take a picture of the BCW variant coding setting.



4. Select BCW as the system to update.



5. Check the current version of the BCW ROM ID and compare it to the ROM ID Information Table listed above before attempting to update the BCW system.
6. Perform GDS software update. Refer to TSB **15-GI-001** for the tablet-based Mobile GDS ECU update procedures.
7. After the software has updated, check for Diagnostic Trouble Codes in the **ALL** menus and erase any DTC.
8. Set the BCW variant coding from the information gathered in step #3 from above.
9. Confirm normal vehicle operation.