

 HYUNDAI NEW THINKING. NEW POSSIBILITIES. Technical Service Bulletin	GROUP BODY ELECTRICAL	NUMBER 14-BE-016
	DATE NOVEMBER 2014	MODEL(S) GENESIS SEDAN (BH)
SUBJECT: GENESIS SEDAN (BH) LANE DEPARTURE WARNING SYSTEM CALIBRATION		

Description: This bulletin describes the procedure to calibrate the Lane Departure Warning System (LDWS) for Genesis Sedan (BH) using the special tools calibration Target Jig. Calibration must be performed for the following items:

- New LDWS module installed
- DTC C1364 – Not Found Reference Point code.
- After repairing roof panel.
- When repairing the LDWS module mounting bracket.
- After vehicle repair resulting from an accident.



Applicable Vehicles: 2012-2014MY Genesis Sedan (BH) equipped with Lane Departure Warning System

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part #
BH	95470R00	LDWS Unit (Lane Departure Warning System)	0.4	958903M900 958903M950

Parts Information:

Target Jig can be ordered through the PDC using below information:

Part Name	Part Number
Target Jig	09890-3N100

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

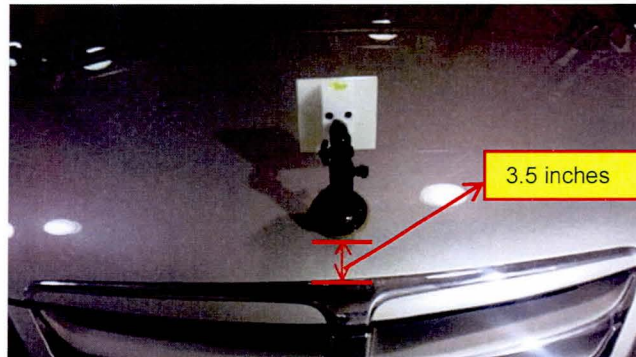
Service Procedure:

1. Install the calibration Target Jig on the hood approximately 3.5 inches (9.9 cm) away from grill.

NOTICE

Vehicle must be parked on a flat level surface.

Ensure windshield is free of any debris, dirt/blemish, and or aftermarket windshield tinting which can obstruct the line of sight between LDWS camera and Target Jig.

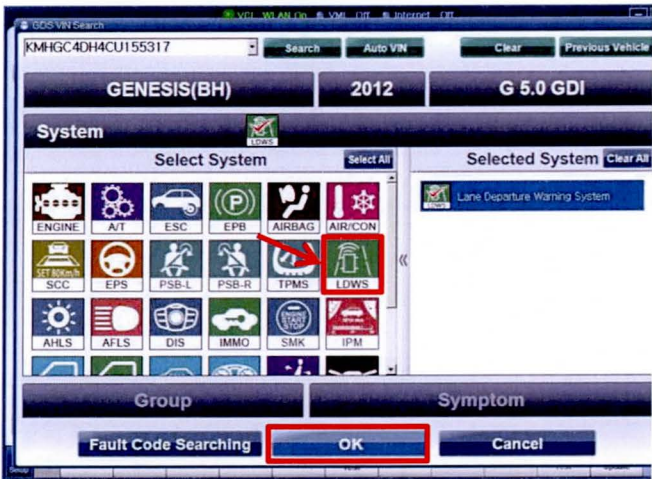


2. Connect the VCI DLC cable to the data link connector located underneath driver crash pad.

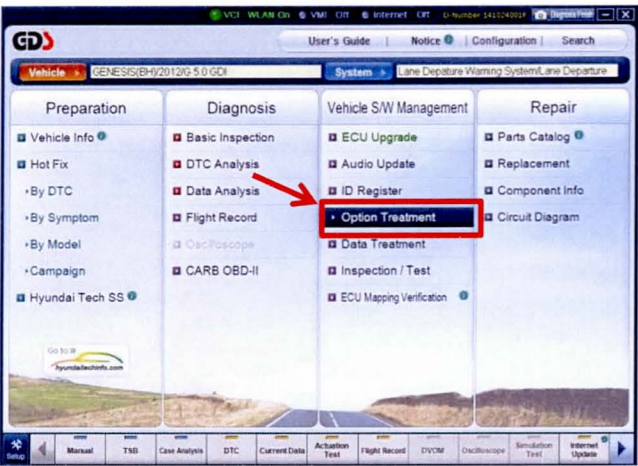


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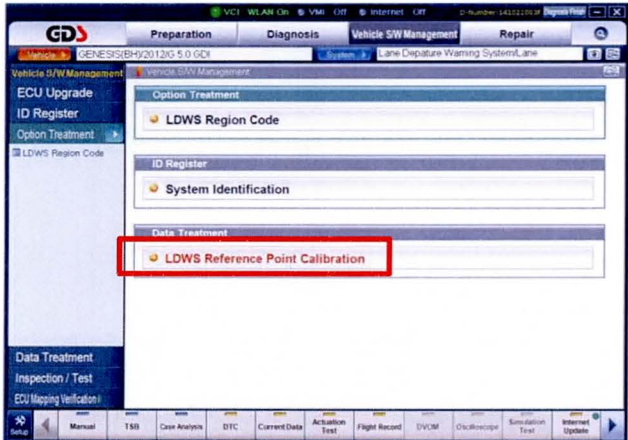
3. From the System Screen, select “LDWS” and click “OK”.



4. Under “Vehicle S/W Management” select “Option Treatment” icon.

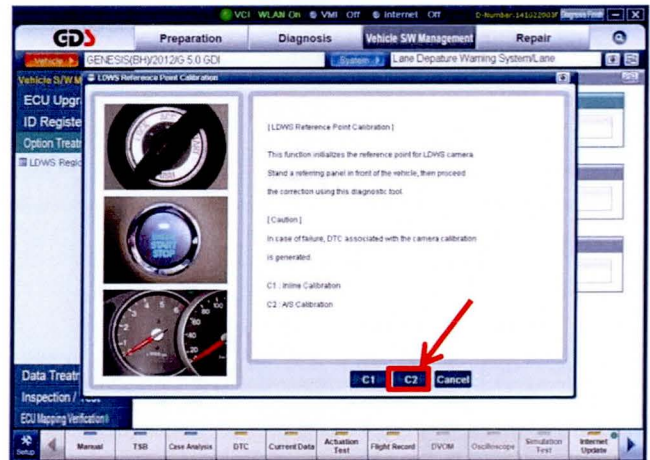


5. Select “LDWS Reference Point Calibration” under Data Treatment.



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6. Select "C2" calibration.



7. "Calibration Completed" screen will be displayed if calibration was successful.

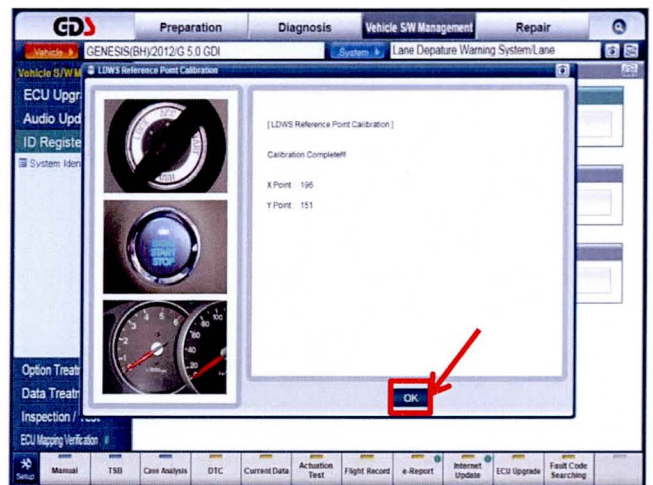
Click "Ok" to exit screen.

NOTICE

X Point and Y Point coordinates will also be displayed.

Specification range for X and Y Points:

X Point: 183-199
Y Point: 145-189



If Calibration is Unsuccessful adjust Target Jig accordingly and recalibrated

8. Clear any DTCs in history.

Test LDWS on road with well painted lane lines to validate successful calibration. Lane line must be crossed without use of turn signal for warning to be generated.

CAUTION

Perform when safe to do so.
Test should not be performed if other vehicles are in the proximity of vehicle.