



GROUP
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MODEL
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NUMBER
231 (Rev 3, 11/30/2021)

DATE
April 2021

TECHNICAL SERVICE BULLETIN

SUBJECT:

**FRONT VIEW CAMERA REPLACEMENT
FOR DTC C160449 & C160649**

* NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

This bulletin provides information on the inspection and replacement of the front camera on some vehicles listed below. Due to an internal control chip concern inside the camera, the vehicle may exhibit a Forward Collision Avoidance Assist Warning Lamp (A) and/or Master Warning Lamp (B) with C160449 and/or C160649 codes. Certain systems may become temporarily disabled during occurrences: Smart Cruise Control (SCC), Lane Keep Assistance (LKA), Lane Departure Warning (LDW), Forward Collision-Avoidance Assist (FCA), Forward Collision Warning (FCW) and/or Driver Attention Warning (DAW). Follow the procedure outlined in this publication to diagnose and replace the front view camera assembly.

DTC Description:

C160449 – Hardware Concern

C160649 – Software Concern

A



B



Model Year	Model	Production Date Range
2020-2021	Telluride (ON)	August 7, 2018 through November 30, 2020
2019-2021	Forte (BDm)	June 1, 2018 through November 20, 2020
2017-2021	Sportage (QL)	May 19, 2015 through September 30, 2020
2018-2021	Soul (SK3)	February 7, 2018 through September 28, 2020
2017-2021	Niro (DE P/HEV)	April 8, 2016 through September 21, 2020
2019-2020	Niro EV (DE EV)	December 5, 2018 through September 21, 2020



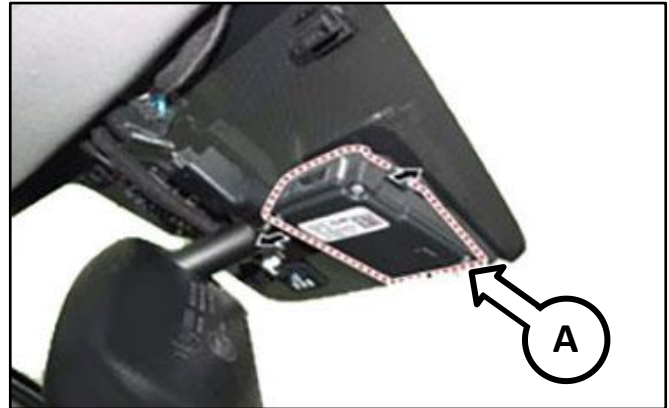
Front View Camera

Printed TSB copy is for reference only; information may be updated at any time.
Always refer to KGIS for the latest information.

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

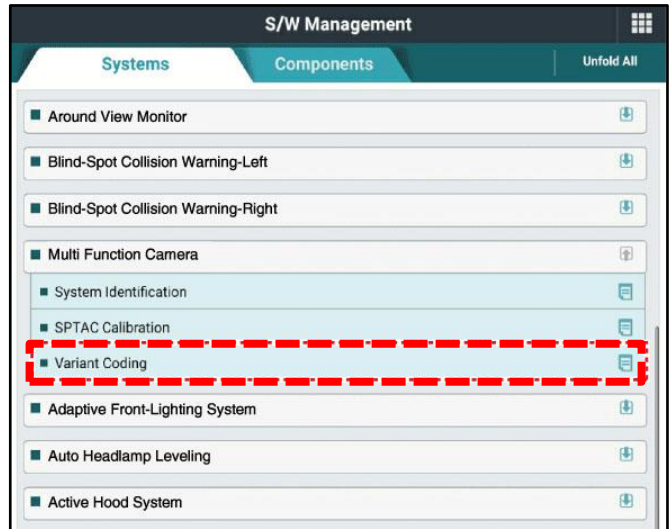
Replacement Procedure:

1. Remove and replace the Front View Camera (A) by referring to the “Body Electrical System → Front Camera System → Front View Camera Unit → Repair Procedures” chapter in the applicable Shop Manual on KGIS.



2. Perform the “Variant Coding” procedure by referring to the “Body Electrical System → Front Camera System → Repair Procedures” chapter in the applicable Shop Manual on KGIS.

ⓘ IMPORTANT
 After replacing the front camera with a new unit, the **Variant Coding** procedure **must** be performed.



3. Perform the Calibration procedure by referring to the “Body Electrical System → Front Camera System → Repair Procedures” chapter in the applicable Shop Manual on KGIS.
4. Connect vehicle to KDS and check for DTCs.



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AFFECTED VEHICLE RANGE:

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REQUIRED PART:

Part Name	Model	Part Number		Figure	Qty.
		Old	New		
Front View Camera Unit	Telluride (ON)	99211 S9100	99211 S9100FFF		1
	Forte (BDm)	95740 M6000	95740 M6000FFF		
	Sportage (QL)	95895 D9100	95895 D9100FFF		
		99211 F1000	99211 F1000FFF		
	Soul (SK3)	99211 K0000	99211 K0000FFF		
		99211 K0100	99211 K0100FFF		
	Niro (DE)	99211 G5000	99211 G5000FFF		
		95740 G5010	95740 G5010FFF		
		95740 G5050	95740 G5050FFF		
	Niro EV (DE EV)	99211 Q4000	99211 Q4000FFF		
95740 Q4000		95740 Q4000FFF			

Note: All parts and service references provided in this bulletin are subject to change. Always check with your local Mobis for the latest information.

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WARRANTY INFORMATION:

N Code: I3A C Code: ZZ3

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
Telluride (ON)	W	Refer to EPC (Front View Camera)	0	R&R Front Camera Assy	95895F02	0.8 M/H	99211 S9100FFF	1
Forte (BDm)							95740 M6000FFF	
Sportage (QL)							95895 D9100FFF	
							99211 F1000FFF	
Soul (SK3)							99211 K0000FFF	
							99211 K0100FFF	
Niro (DE)							99211 G5000FFF	
							95740 G5010FFF	
							95740 G5050FFF	
Niro EV (DE EV)							99211 Q4000FFF	
	95740 Q4000FFF							

Note: Op time includes diagnostic tool operation & part's calibration after the part's replacement. Always use the correct causal part when submitting the warranty claim.

The claim may be subject to charge back if the new part number (ending in "FFF") is not utilized to repair the vehicle.