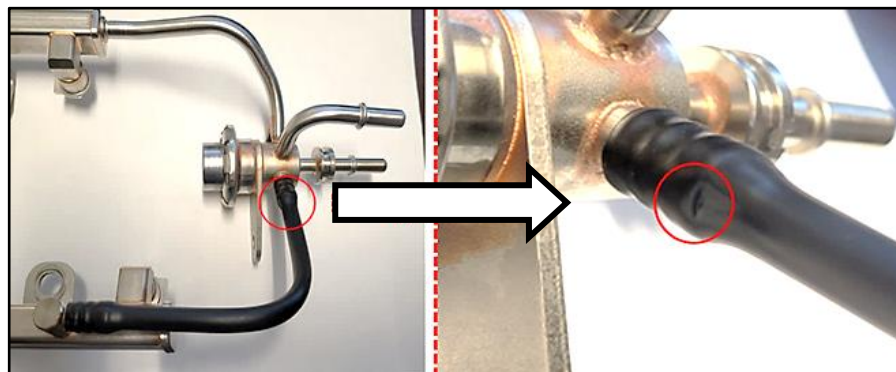
	GROUP Safety Recall Campaign	MODEL 2022MY Carnival (KA4)
	NUMBER SC211	DATE April 2021
SAFETY RECALL CAMPAIGN		
SUBJECT: MPI FUEL RAIL LOT INSPECTION AND REPLACEMENT (SC211)		

This bulletin provides information to check the LOT Number of the MPI fuel rail (also known as the low pressure fuel delivery pipe) on some 2022MY Carnival (KA4) vehicles produced from January 27, 2021 through March 25, 2021. During production at the supplier, the assembly jig for the MPI fuel rail was improperly adjusted which could result in damage to the plastic fuel rail tube. A damaged plastic fuel tube can cause fuel to leak, thus increasing the risk of fire. Follow the procedure outlined in this bulletin to inspect the LOT number and, if required, replace the MPI fuel rail (A). Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



*** NOTICE**

There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected vehicle until it has been repaired pursuant to the procedures set forth in this bulletin.

*** NOTICE**

To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

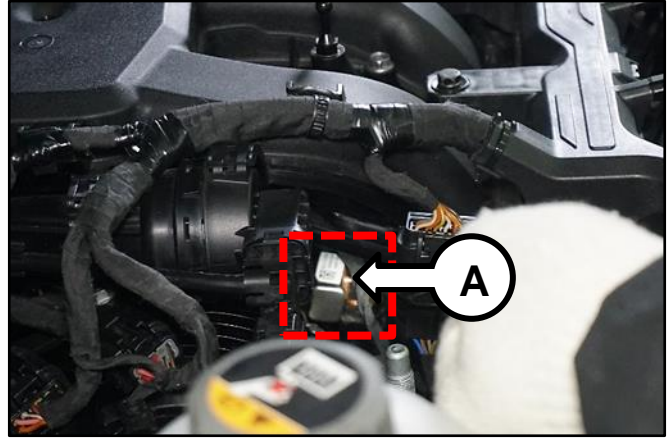
Printed TSB copy is for reference only; information may be updated at any time. Always refer to KGIS for the latest information.

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

Inspection Procedure:

1. Open hood and remove the engine cover and locate the MPI fuel rail LOT decal (A).

(Refer to image for location area).



2. Using a video scope, check the LOT number of the MPI fuel rail (refer to the sample image/number below).



1b14131Y = Produced 1/31 (January 31st.)



- 3a. If the 5th through 7th digit value of LOT number is between 120 and 215, the MPI fuel rail will need to be replaced. Refer to page 3 for replacement.
- 3b. If the 5th through 7th digit value is lower than 120 or over 215, the vehicle does not require MPI fuel rail replacement. No further action is required.
- 3c. **REQUIREMENT:**
Using the Warranty Claim Attachment feature on KVID, take one (1) clear KVID photo showing the LOT label shown on step 2. (Attachment Type: 'XX').

IMPORTANT

MPI fuel rail produced **from January 20 through February 15** will need to be replaced.

MPI fuel rail produced **before January 20 or after February 15** does not require replacement.

SUBJECT:

MPI FUEL RAIL LOT INSPECTION AND REPLACEMENT (SC211)

Replacement Procedure:

1. Replace the MPI fuel rail (A) by referring to the “Engine Control/Fuel System → Fuel Delivery System → Delivery Pipe → Removal and Installation” chapter in the applicable Shop Manual on KGIS.

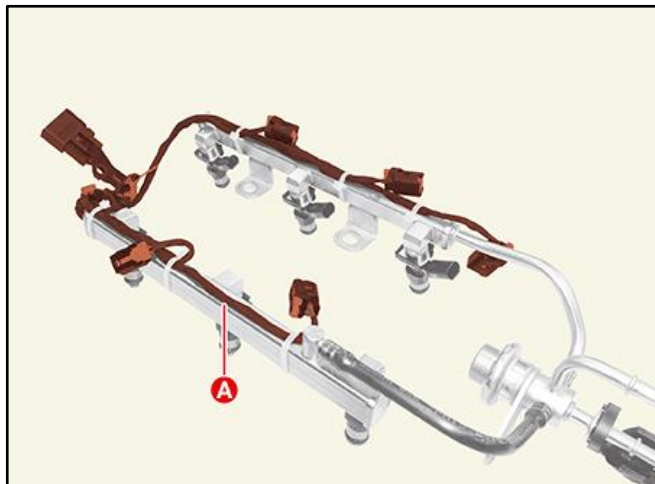
Note: Replace the MPI fuel rail using all of the additional supplied parts in the kit (ex. O-rings and clips).

*** NOTICE**

Release Residual Pressure during the Fuel Delivery Pipe replacement is required.

*** NOTICE**

Injector Remover SST 09351 C3700 may be required to remove a stuck injector.

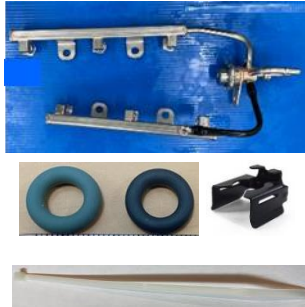


2. After replacing the MPI fuel rail, ensure the following:
 - No fuel leak is present
 - No DTCs stored
 - Vehicle operates normally

SUBJECT: MPI FUEL RAIL LOT INSPECTION AND REPLACEMENT (SC211)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Carnival (KA4)	January 27, 2021 to March 25, 2021

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Fuel Delivery Pipe Service Kit	35304 3NGCXQQK		1 Service Kit Includes 1 Fuel Delivery Pipe, 12 Injector O-Rings, 6 Injector Clips, and 6 Cable Ties

WARRANTY INFORMATION:**N Code: N99 C Code: C99**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	35304 3NGC0	0	(SC211) MPI Fuel Rail LOT Inspection	211056R1	0.2 M/H	N/A	0
			MPI Fuel Rail LOT Inspection and Replacement	211056R2	1.5 M/H	35304 3NGCXQQK	1

Note: Refer to Warranty Bulletin 2021-08 for claim submission procedures. If replacing the MPI fuel rail, a photo of the LOT number must be attached using the KVID app as a Warranty Claim Attachment type 'XX - Other'.

*** NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC211** when accessing the WebDCS system.