	GROUP	MODEL
	ELE	**2012~2013MY Rio (UB)**
	NUMBER	DATE
	067 (REV 1, 11/26/2014)	**October 2014**

TECHNICAL SERVICE BULLETIN

SUBJECT: IN PANEL MODULE (IPM) REPLACEMENT – DTC C1611

✶ 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 the procedure to replace the In-Panel Module (IPM) of some Rio (UB) vehicles produced from November 7, 2011 through July 10, 2013, which may experience a momentary decrease in power steering assist, at times accompanied by a flashing ESC lamp and DTC C1611(MDPS CAN communication Error to ECU). This condition typically will occur more often during start up/at idle, and in areas with low ambient temperatures, when intermittently poor contacts in specific IPM circuits may result in CAN communication errors. When this happens, DTC C1611 may be set and the power steering assist level will decrease. Although cycling the key will restore the power steering assist to the normal level, customers may complain of sometimes having to use a higher than normal amount of effort to steer the vehicle. To resolve the concern, replace the In-Panel Module (IPM) with an improved part by following the applicable service procedure on KGIS and by utilizing the information in this bulletin.

DTC C1611 – MDPS CAN Communication Error to ECU



File Under: <ELECTRICAL>

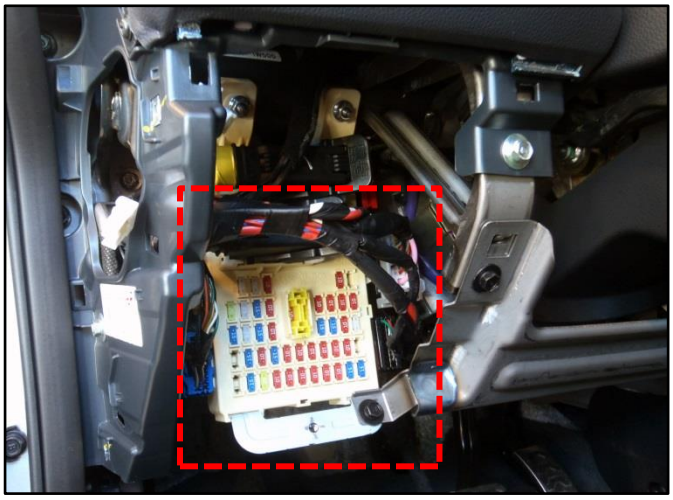
Circulate To: ☒ **General Manager** ☒ **Service Manager** ☒ **Parts Manager** ☒ **Service Advisors** ☒ **Technicians** ☒ **Body Shop Manager** ☒ **Fleet Repair**

SUBJECT: IN PANEL MODULE (IPM) REPLACEMENT – DTC C1611

Service Procedure:

1. Refer to KGIS for the In Panel Module (IPM) (A) removal and reinstallation procedure, as shown below.

   Body Electrical System > Fuses and Relays > Relay Box (Passenger Compartment) > Repair procedures



2. Clear any DTCs and confirm proper vehicle operation.

REQUIRED PART:

Part Name	Part No.	Qty.	Figure
In Panel Module (IPM)	91950 1W540FFF 91950 1W560FFF	1	

AFFECTED VEHICLE PRODUCTION RANGE:

Model	Production Date Range
Rio (UB)	From November 7, 2011 through July 10, 2013

WARRANTY INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	91950 1W540	0	N20	C15	(ELE 062) IPM Replace	91950F02	0.5 M/H	91950 1W540FFF	1