

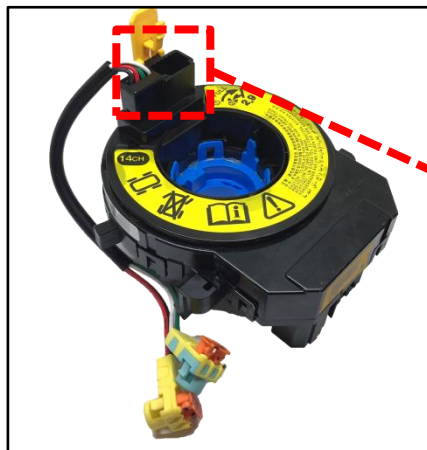


GROUP ELE	MODEL 2014-2018MY Forte (YD, YDm)
NUMBER 159	DATE April 2019

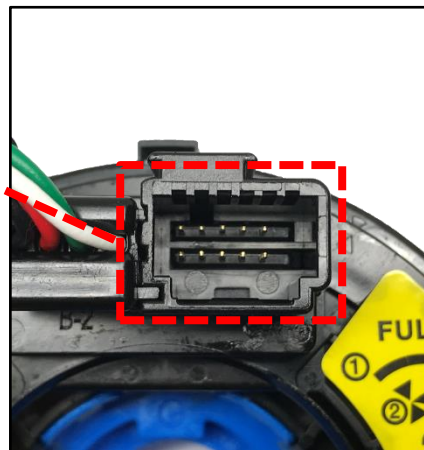
TECHNICAL SERVICE BULLETIN

SUBJECT: STEERING WHEEL MOUNTED AUDIO
CONTROL MALFUNCTION

This bulletin provides the procedure to inspect and, if necessary, replace the clock spring assembly on some 2014-2018MY Forte (YD/YDm) vehicles, produced from February 20, 2013 through June 30, 2018, which may experience intermittent malfunctioning steering wheel audio controls due to a clock spring connector pin deformation, with no related DTCs for this concern. Note: this does not impair the clock spring airbag function. Follow the procedure in this bulletin to inspect the clock spring female connector and, if necessary, replace the clock spring assembly.



Clock Spring Assembly



Clock Spring Connector Pins

File Under: <Electrical>

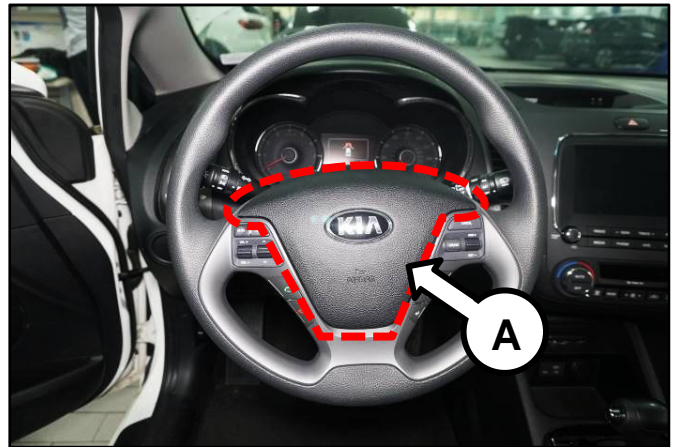
Circulate To: General Manager Service Manager Parts Manager
 Service Advisors Technicians Body Shop Manager Fleet Repair

Inspection Procedure:

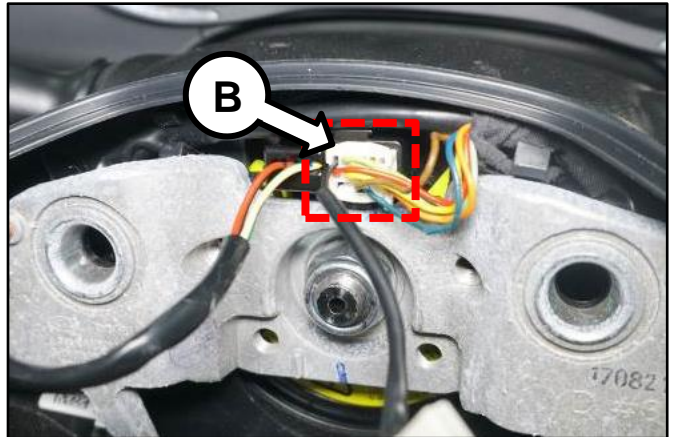
1. Retain or record the customer's radio presets using a Memory Saver.
2. Remove the Driver Airbag Module (A) by referring to steps 1 through 5 of the "Restraint → Airbag Module → Driver Airbag (DAB) Module and Clock Spring → Repair procedures" chapter in the applicable Shop Manual on KGIS.

WARNING

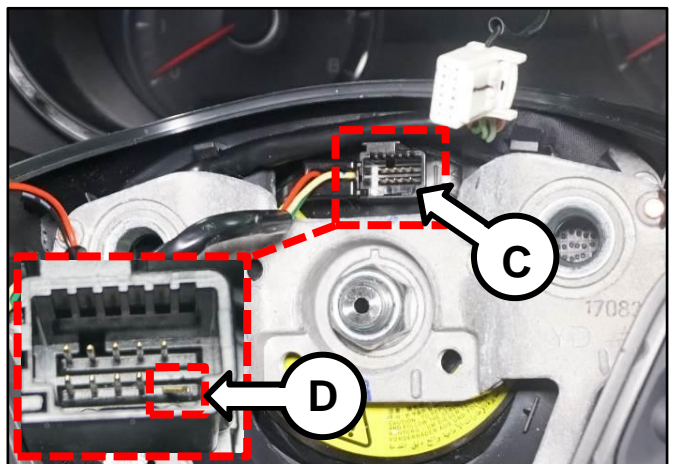
Failure to follow general precautions prior to performing any airbag system service could result in serious injuries.



3. Detach the clock spring male connector (B).



4. Inspect the clock spring female connector pins (C) for any deformation (D).
 - If any pin deformation is visible, proceed to the Replacement Procedure on page 3.
 - If no pin deformation is visible, further diagnosis or repair is required and not covered in this bulletin. File a separate claim if necessary. Perform step 5 below after repair is completed.
5. Verify customer's radio presets were retained or restore, if necessary, using recorded information in step 1.



SUBJECT: STEERING WHEEL MOUNTED AUDIO CONTROL MALFUNCTION**Replacement Procedure:**

1. Replace the clock spring by referring to steps 6 through 8 of the “Restraint → Airbag Module → Driver Airbag (DAB) Module and Clock Spring → Repair procedures” chapter in the applicable Shop Manual on KGIS.
2. Verify proper operation of the steering wheel volume and other controls and confirm no airbag-related warning lights are on.
3. Verify customer’s radio presets were retained and restore, if necessary, using recorded information in step 1 of the Inspection Procedure.





SUBJECT: STEERING WHEEL MOUNTED AUDIO CONTROL MALFUNCTION

AFFECTED VEHICLE RANGE:

Model	Production Date Range
Forte (YD, YDm)	February 20, 2013 through June 30, 2018

REQUIRED PART:

Part Name	Part Number	Figure	Qty.	Comments
Clock Spring Assembly (<u>14ch</u>)	Refer to EPC		1	14 pin connector for <u>non</u> -heated steering wheels
Clock Spring Assembly (<u>18ch</u>)				18 pin connector for <u>heated</u> steering wheels

WARRANTY INFORMATION:

N Code: I11 C Code: ZZ3

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	Refer to EPC	0	Steering Wheel Audio Control Inspection Only	93490F02	0.3 M/H	N/A	0
W	Refer to EPC	1	Steering Wheel Audio Control Inspection & Clock Spring Replacement	93490F03	0.5 M/H	N/A	0