



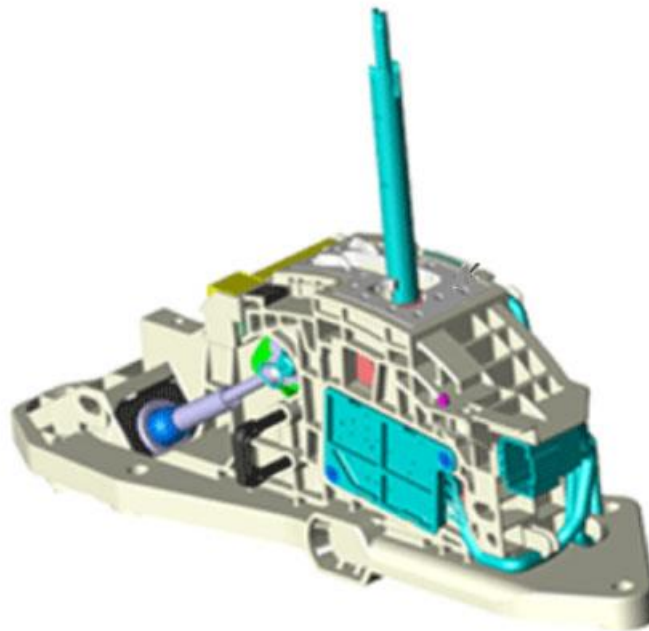
GROUP	MODEL
ELE	2022-2023MY Stinger H-MATIC (CK)
NUMBER	DATE
294	May 2023

## TECHNICAL SERVICE BULLETIN

# SHIFT LEVER POSITION INSPECTION & DETENT DAMPER REPLACEMENT FOR REMOTE START FAILURE

SUBJECT:

This bulletin provides information to inspect the shift lever position and, if necessary, replace the shift lever detent damper on some 2022-2023MY Stinger H-MATIC (CK) vehicles produced from December 23, 2020 through October 30, 2022. The shift lever detent damper's angled design may cause interference between the detent damper and the shift lever Park 'P' switch resulting in the Integrated Body Control Unit (IBU) not registering 'P'. This can render the Remote Start function inoperative when either using the key fob or Kia Access App. Follow the procedure outlined in this publication to inspect the shift lever position, and, if necessary, replace the detent damper.



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### Inspection Procedure:

1. Start the engine.
2. Connect the KDS.
3. Select 'IBU-SMK'.



4. Place the shift lever from Park 'P' to Drive 'D'.
  - If 'Gearshift P Position' value shows "ON", proceed to the replacement procedure below.
  - If the 'Gearshift P Position' value shows "OFF", this TSB does not apply. No further action is required.

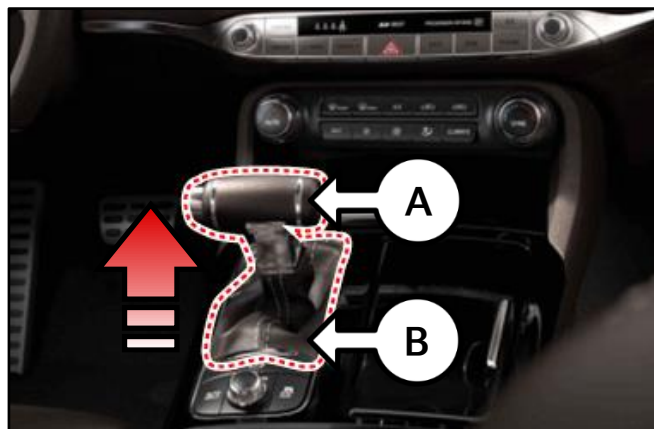
Sensor Name(53)	Value	Unit	Link Up
Gearshift P Position(AT)/Clutch(MT)	ON	-	
Start Relay Feed Back Signal	OFF	-	
IGN2	ON	-	
IGN1	ON	-	
ACC	ON	-	
Start Stop Button Switch2	OFF	-	
Start Stop Button Switch1	OFF	-	
Brake Switch	ON	-	
Brake Switch Fuse	ON	-	
Driver Door Handle Toggle Button Switch	OFF	-	
Assist Door Handle Toggle Button Switch	OFF	-	
Battery Voltage Monitoring Input(by CPU)	12.3	V	
Engine Speed	0	RPM	
Vehicle Speed Signal	0	km/h	
ACC Relay Output	12.4	V	

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### Replacement Procedure:

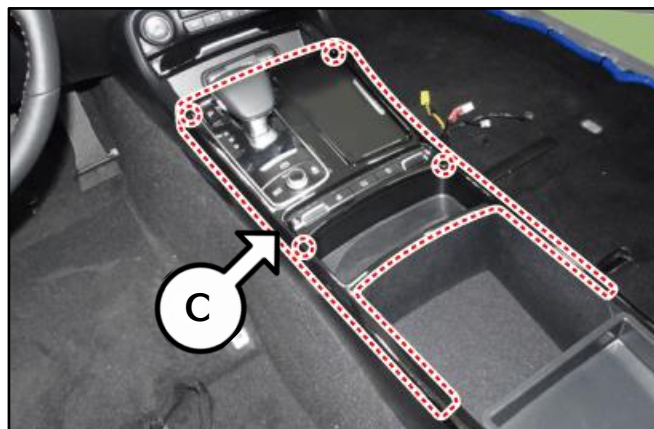
1. Disconnect the negative (-) battery terminal.
2. Apply the parking brake.
3. Shift the gear to Neutral 'N'.
- 4a. Remove the shift knob (A) by pulling upward.
- 4b. Remove the shift knob boot (B).



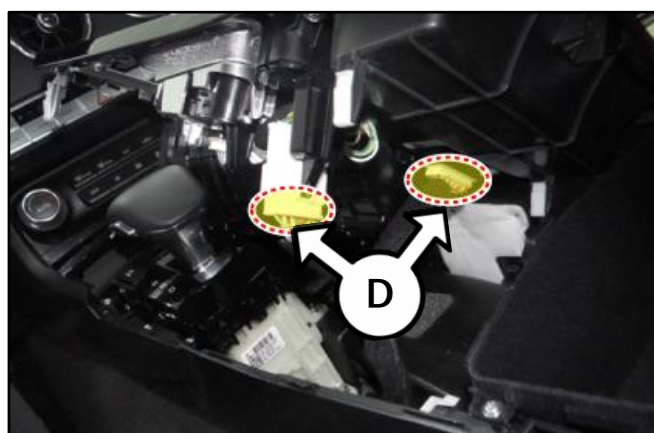
5. Remove the floor console assembly cover (C).

#### NOTICE

Open the console armrest before removing the floor console assembly cover.



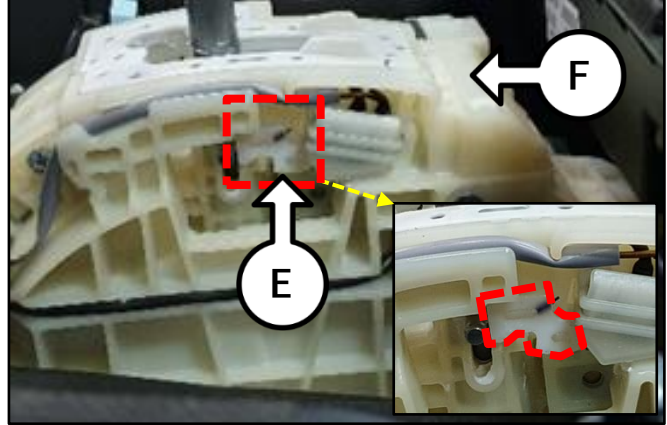
6. Disconnect the two (2) console cover connectors (D).



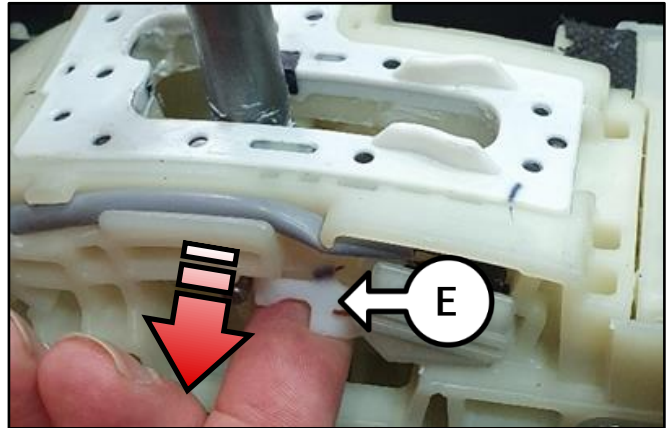
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7. Locate the detent damper (E) on the shift lever assembly (F).



8. Remove the detent damper (E) by pulling the lower end of the damper.



- 9a. Install the new detent damper by:
  - 9b. • Install the upper side of the detent damper.
  - 9c. • Gently press the detent damper start from the top to bottom.
  - 9d. • Secure the detent damper by gently pressing on it using a flat head screwdriver.



10. Install all parts in reverse order of removal.
11. Drive the vehicle 5+MPH for thirty (30) seconds to reset the 'Shift Lever Switch' position.
12. Verify the 'Shift Lever Switch' value reflects the correct switch 'ON/OFF' operation as done is step 4 of the 'Inspection Procedure'.

Sensor Name(53)	Value	Unit	Link Up
Gearshift P Position(AT)/Clutch(MT)	ON	-	
Start Relay Feed Back Signal	OFF	-	




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## AFFECTED VEHICLE RANGE:

Model	Production Date Range
Stinger H-MATIC (CK)	December 23, 2020 to October 30, 2022

## REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Detent Damper	46733 J5100FFF		1

## WARRANTY INFORMATION:

N Code: DG5 C Code: ZZ1

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	46700 J5100	0	Shift Lever Position Recognition Inspection	47633F00	0.2 M/H	N/A	0
			Shift Lever Position Recognition Inspection + Detent Damper Replacement	47633F01	0.5 M/H	46733 J5100FFF	1

