



GROUP

MODEL

ELE

2026-2027MY
Sportage, Sportage Hybrid,
Sportage Plug-In Hybrid
(NQ5, NQ5 HEV, NQ5 PHEV)

NUMBER

DATE

429

July 2026

TECHNICAL SERVICE BULLETIN

CUSTOMER ACTION: UPPER ACTIVE AIR FLAP DUCT
ASSEMBLY REPLACEMENT (CA2606)

SUBJECT:

This bulletin provides information to replace the upper active air flap ("AAF") duct assembly on certain 2026-2027MY Sportage (NQ5), Sportage Hybrid (NQ5 HEV), and Sportage Plug-In Hybrid (NQ5, PHEV) vehicles produced from May 15, 2025, through May 11, 2026, which may exhibit a MIL ON with DTCs P05A300 and/or P059F00 due to insufficient flap rigidity, resulting in reduced AAF performance. Follow the procedure outlined in this publication to replace the upper AAF duct assembly on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

DTC Description:

P05A300 - Active Grille Air Shutter 'A' Control Circuit Range/Performance

P059F00 - Active Grille Air Shutter 'A' Performance/Stuck Off



NOTICE

A Customer Action is a field fix repair program based on a valid customer complaint during the warranty period. For customers requesting repair and possible goodwill for a vehicle outside of the warranty period, the dealership must follow the process and procedure outlined in [Section 7 \(9 & 13\) of the Kia Service Policy manual](#).

This bulletin should ONLY be performed with a VALID customer complaint of a MIL 'ON'.

Repair status for a VIN is provided on KDealer+ (Service → Warranty → Warranty Coverage Inquiry). Not completed Campaign reports are available on KDealer+ (Service → Campaigns → Open Campaign Report), which includes a list of affected vehicles.

If TSB ELE429/CA2606 is complete, subsequent or follow-up concerns must be address according to normal Service/Warranty Guidelines.

Repair Procedure:1a. Hybrid and Plug-In Hybrid:

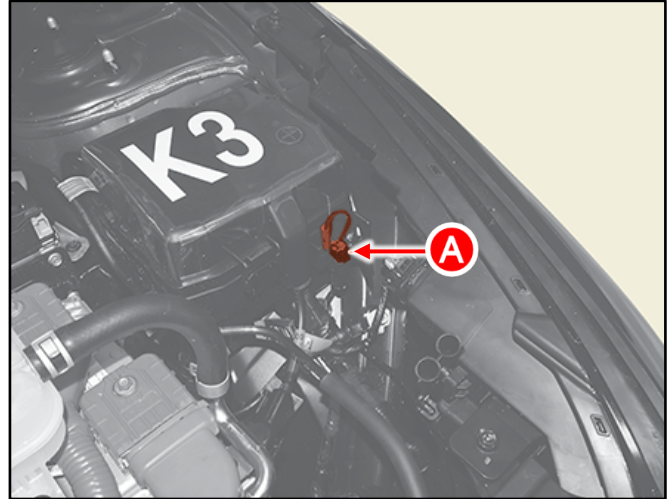
Perform the 'High Voltage Shut-Off Procedure' (A) by referring to "Body Electrical System → High Voltage Shut-Off Procedures → High Voltage Shut-Off Procedures (Steps 1-4 Only)" in the applicable Shop Manual on KGIS.

NOTICE

It takes at least five (5) minutes for capacitor of the high voltage battery system to discharge completely.

**WARNING**

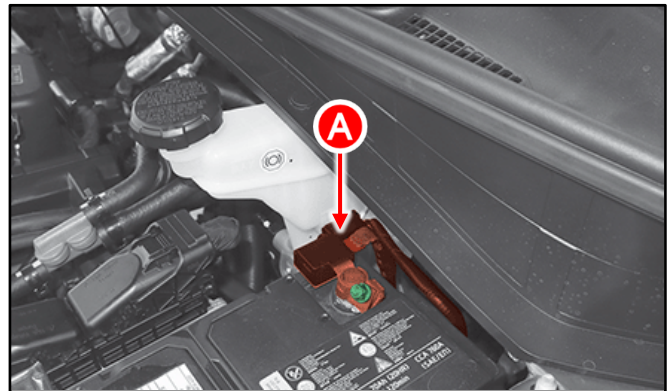
Failure to follow the 'High Voltage Shut-off Procedure' may result in serious electrical injuries.

1b. ICE Engine Only:

Disconnect the 12V battery negative (-) terminal (A).



Tightening torque for terminal nut:
5.8 - 7.2 lb.ft (7.8 - 9.8 N.m)

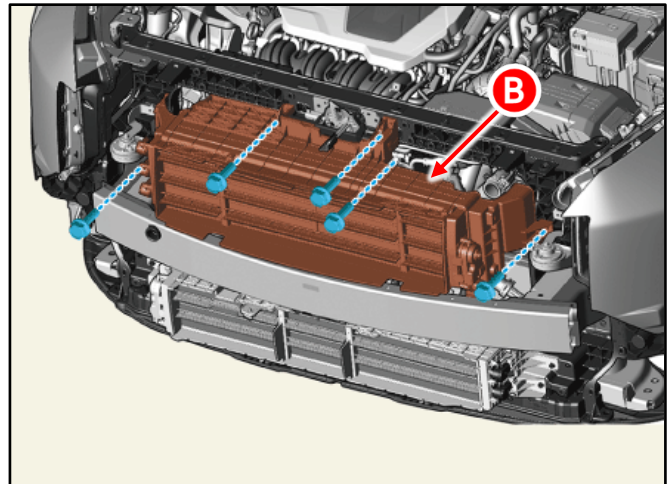


2. Remove the upper active air flap 'AFF' (B) assembly by referring to "Engine Mechanical System → Cooling System → Active Air Flap (AAF) → Removal and Installation" in the applicable Shop Manual on KGIS.



Tightening torque for bolts:

NQ5
5.8 - 8.7 lb.ft (7.8 - 11.8 N.m)
NQ5 HEV, PHEV
7.2 - 8.7 lb.ft (7.8 - 11.8 N.m)



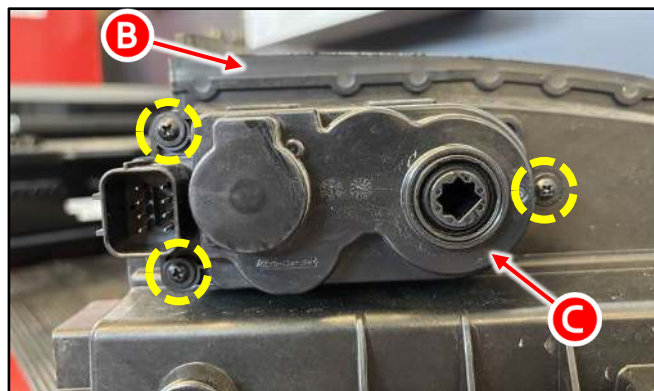
SUBJECT:

UPPER ACTIVE AIR FLAP DUCT ASSEMBLY REPLACEMENT (CA2606)

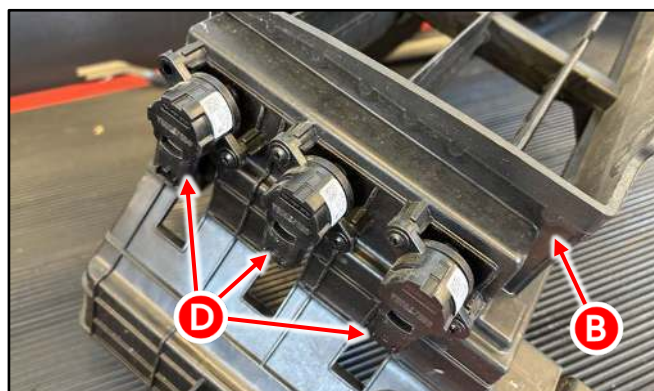
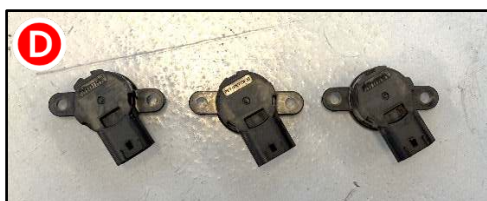
Note: The 'new' AAF replacement part (86958 CH500QQK) does NOT include the following parts:

- AAF Actuator (C) (Qty. 1)
- AAF Sensors (D) (Qty. 3)

- Place the removed AAF assembly (B) on top of a clean table.
- Loosen the three (3) retaining screws to remove the existing AAF actuator (C) from the removed AAF assembly (B) and install it onto the new AAF part in the reverse order of removal.



- Loosen the six (6) retaining screws (2 screws per sensor) to remove the three (3) existing AAF sensors (D) from the removed AAF assembly (B).
- Install the three (3) removed AAF sensors onto the new AAF duct assembly in the reverse order of removal.



- Reinstall all removed parts in reverse order of removal.
- Using the KDS, clear any stored DTCs.
- Verify normal operation.



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UPPER ACTIVE AIR FLAP DUCT ASSEMBLY REPLACEMENT (CA2606)

AFFECTED VEHICLE RANGE:

Model	Production Date Range
Sportage (NQ5)	May 15, 2025 to May 11, 2026
Sportage Hybrid (NQ5 HEV)	
Sportage Plug-In Hybrid (NQ5 PHEV)	

REQUIRED PART:

Part Name	Part Number	Figure	Qty.	Comments
Upper Active Air Flap Duct Assembly	86958 CH500QQK		1	AAF Actuator and Sensors are not included and must be transferred over from the removed part.

Note: The replacement part numbers will require a VIN entry for parts ordering. **DO NOT** order these parts for stocking purposes, related to this Customer Action. Supply is very limited. Until supply stabilizes, please confirm part availability before scheduling customers. Please be sure to expedite warranty claim filing.

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.
V	86950 CH600	0	(CA2606) Upper Active Air Flap Duct Assembly Replacement	260276R0	0.7 M/H	86958 CH500QQK	1

Note: When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference CA2606 when accessing the KDealer+ system.