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| GROUP | MODEL |
| Electrical | 2023-2025MY Niro P/HEV (SG2 P/HEV) |
| NUMBER | DATE |
| PS771 | September 2024 |



TECHNICAL OPERATIONS

SUBJECT: ACTIVE AIR FLAP SYSTEM INSPECTION/CLEANING

This Pitstop provides information regarding the Active Air Flap (AAF) system on some 2023-2025MY Niro PHEV/HEV (SG2 P/HEV) vehicles which may exhibit a “Check Active Air Flap System” message in the instrument cluster and possible MIL ‘ON’ with one or more of the DTCs described below. The AAF system is located between the front grille/radiator area and control the amount air coming into the radiator while driving by using four (4) air flaps that open/close depending on the input of air resistance. In some cases, the air flaps may become stuck due to foreign substance, debris, causing the air flaps to become jammed or misaligned. Before replacing the air flaps or actuator for this concern, inspect the AAF system for small rocks and/or debris caught between active air flaps as they can be manually removed/cleaned to restore normal AAF system operation. Cleaning of the air flaps can be performed from outside of the vehicle using a cloth or detailer brush.

DTC Description:

P059F00 - Active Air Grille Air Shutter ‘A’ Performance/Stuck Off

P05AE00 - Active Air Grille Air Shutter ‘B’ Performance/Stuck Off

P059A00 - Active Air Grille Air Shutter ‘A’ Position Sensor Circuit

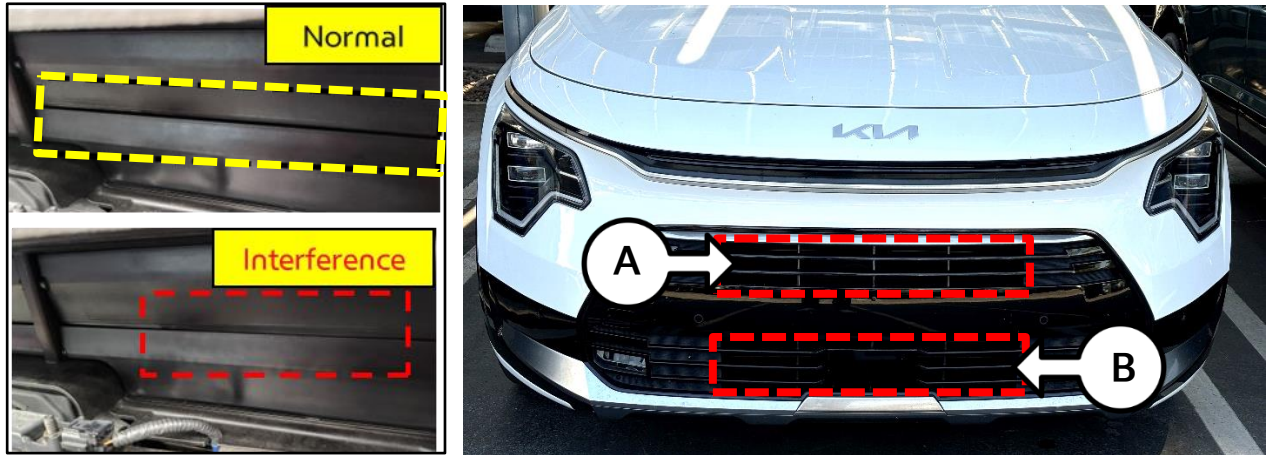
P05A300 - Active Air Grille Air Shutter ‘A’ Control Circuit Range/Performance

P05B200 - Active Air Grille Air Shutter ‘B’ Control Circuit Range/Performance

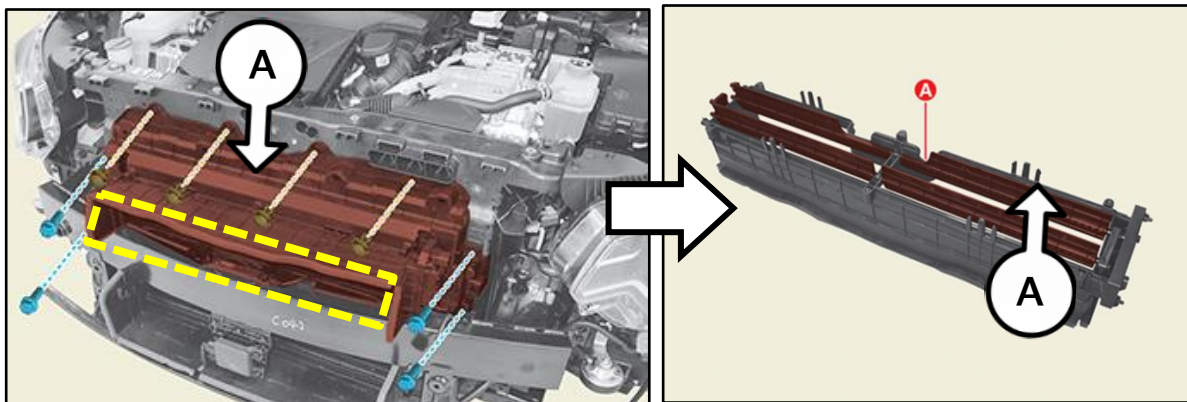
NOTICE

A Pitstop provides information which may help guide technicians address a concern on the subject vehicle described in this publication. A Pitstop is an informational guide/tool without customer notification. Technicians are to review the information provided in this Pitstop for the applicable vehicle and if applicable, use it for diagnostic purposes only. Dealers are required to validate Warranty Coverage in KDealer+ Warranty Coverage Inquiry before conducting any diagnosis/repair procedure.

NOTE: There are two (2) AAF systems on the vehicle (Upper and Lower) - *Inspect that there is no debris type interference between the air flaps.* If so, remove the debris (plastic, paper, rocks, etc), clear any related DTC(s) and confirm normal operation. If normal operation of is not restored, refer to the applicable shop manual on KGIS to diagnose normally.



A. AAF SYSTEM (Upper)



B. AAF SYSTEM (Lower)

