

HYUNDAI
Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 26-01-026H
DATE FEBRUARY 2026	MODEL(S) PALISADE (LX3) PALISADE HYBRID (LX3 HEV)

SUBJECT: ACTIVE AIR FLAP WIRING ASSEMBLY INSPECTION & REPLACEMENT (LIMITED COVERAGE CAMPAIGN LA13)

★ IMPORTANT

Dealers must perform this limited coverage campaign on all affected vehicles within 5 / 60,000 New Vehicle Limited Warranty (NVLW) prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair. See Warranty Information section for more details.

Access the “Vehicle Information” screen via WebDCS to verify “Warranty Start Date” and ensure the vehicle is within NVLW, observing mileage prior to any repair work.

Description: Certain Palisade (LX3) and Palisade Hybrid (LX3 HEV) vehicles may exhibit a “Check Active Air Flap System” warning message, check engine light on, and/or “Low Engine Oil” warning message, due to improper operation of the Active Air Flap (AAF) system. DTCs include, but are not limited to: P05AE00, P05B100, P05B200 P05B400, P05FE00, P15A200, P15A500, P2C7400, U028500, U028B00, and/or U100800. This condition may be caused by water ingress and corrosion at the wiring connections for the lower AAF actuators and/or sensors. This bulletin contains instructions to inspect the front bumper wiring connectors, AAF actuators, and sensors for water ingress and corrosion, and to replace them if necessary.

AAF Front Bumper Wiring Connector



AAF Actuator Pins



Applicable Vehicles (Certain):

Model Year	Model	Production Dates
2026	Palisade (LX3)	05/07/2025 – 12/17/2025
	Palisade Hybrid (LX3 HEV)	08/11/2025 – 12/17/2025

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

SUBJECT:**ACTIVE AIR FLAP WIRING ASSEMBLY INSPECTION &
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Model	Part Name	Part Number	Figure	Remarks
Palisade (LX3) Palisade Hybrid (LX3 HEV)	Actuator – Active Air, LH	86989-P9100QQH 86989-DU100QQH (HEV)		Qty 1*
	Actuator – Active Air, RH	86999-P9100QQH 86999-DU100QQH (HEV)		Qty 1*
	Sensor – Active Air Flap	8697A-R6000QQH		Qty 2*
	Wiring Harness – FR Bumper	91890-P9BE0QQH 91890-P9BH0QQH 91890-P9AL0QQH 91891-P9AC0QQH		Qty 1*
	Clip	14206-08250B	N/A	Replace only if broken during procedure
		14207-06130M		
		14207-06180N		
	Clip - Cowl Top Cover MTG	86157-37000		

***NOTE 1:** Part quantity and selection will depend on inspection results.

NOTE 2: Dealer will be reimbursed via sublet as noted for any clips, regardless of replacement.

Required Equipment/Supplies:

Name	Figure	Remarks
Mirror		1 ea. Required for Actuator Pin Inspection
Flashlight		

SUBJECT:**ACTIVE AIR FLAP WIRING ASSEMBLY INSPECTION &
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Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Palisade (LX3)	50D310R0	Front Bumper Wiring & AAF Actuator Pin Inspection	0.3 M/H	91891-P9AC0	B1E	ZZ3
	50D310R2-R5*	Front Bumper Wiring & AAF Actuator Pin Inspection, Sensor Connectors Check, and Wiring & LH Actuator & Sensor Replacement	1.1 M/H			
	50D310RD-RG*	Front Bumper Wiring & AAF Actuator Pin Inspection, Sensor Connectors Check, and Wiring & LH/RH Actuator & LH/RH Sensor Replacement	1.2 M/H			
Palisade Hybrid (LX3 HEV)	50D310RH	Front Bumper Wiring & AAF Actuator Pin Inspection	0.3 M/H			
	50D310RK-RM*	Front Bumper Wiring & AAF Actuator Pin Inspection, Sensor Connectors Check, and Wiring & LH Actuator & Sensor Replacement	1.1 M/H			
	50D310RU-RW*	Front Bumper Wiring & AAF Actuator Pin Inspection, Sensor Connectors Check, and Wiring & LH/RH Actuator & LH/RH Sensor Replacement	1.2 M/H			

***NOTE 1:** For op codes with replacement of bumper, actuator(s), and sensor(s), please refer to the Appendix section at end of this TSB for specific part numbers being reimbursed.

NOTE 2: Submit claim on Claim Entry Screen as "Campaign" type.

NOTE 3: 5 / 60,000 New Vehicle Limited Warranty (NVLW) applies to the part(s) and repair procedure(s) outlined in this TSB. Prior to beginning any repair work, ensure the part(s) associated with the repair procedure are within NVLW, observing mileage and Warranty Start Date or date of first use. If the subject part(s) are out of warranty coverage, the dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

NOTE 4: If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the dealer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

NOTE 5: This TSB includes repair validation photos. Op times include VIN, mileage, and repair validation photo(s) as outlined in the Digital Documentation Policy.

NOTE 6: The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the part is not returned.**

NOTE 7: Op codes will reimburse \$4.00 in sublet for any damaged clips during the repair procedure.

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Service Procedure:

DIGITAL DOCUMENTATION



This TSB includes repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

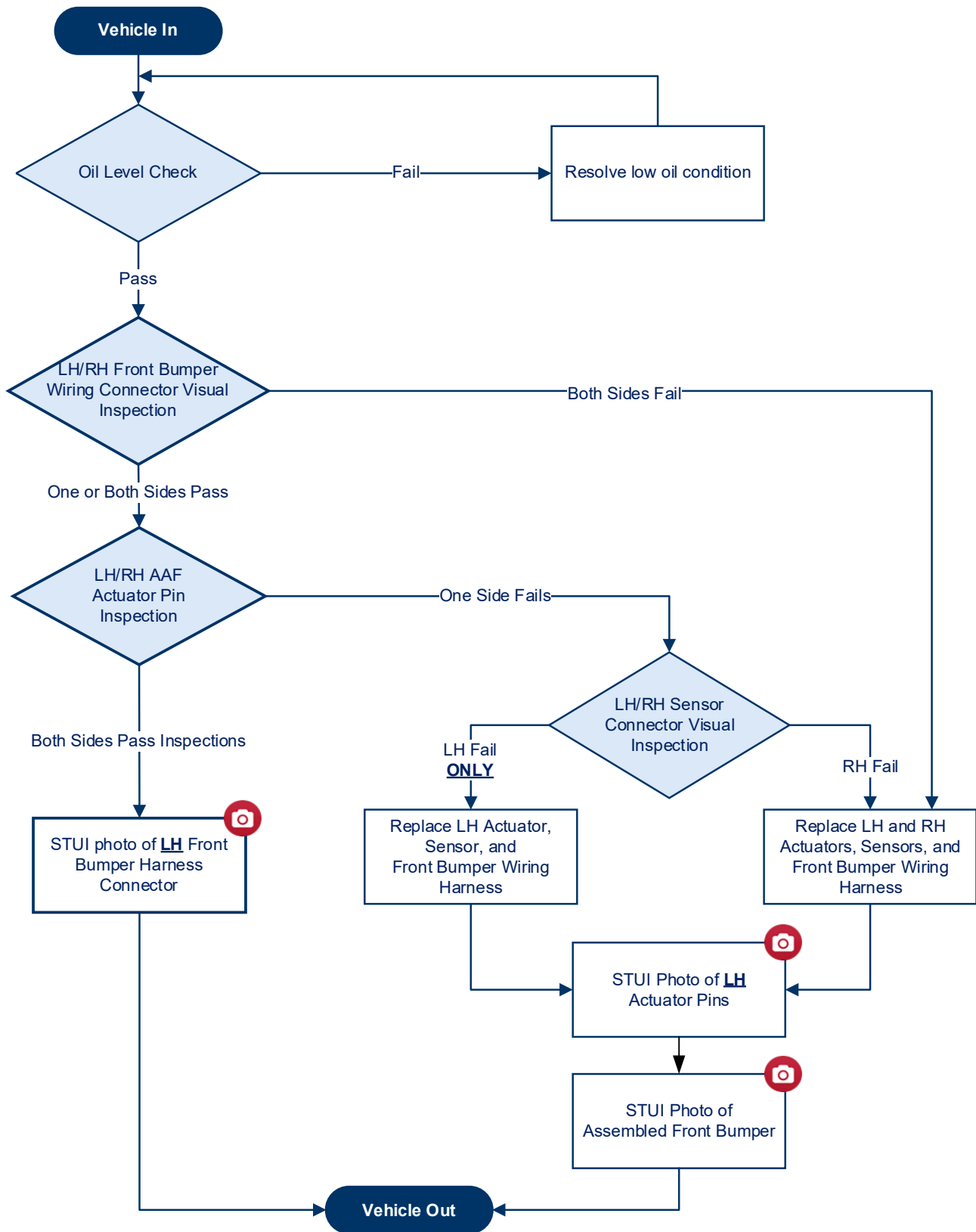
NOTICE

Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

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Flowchart



SUBJECT:

ACTIVE AIR FLAP WIRING ASSEMBLY INSPECTION & REPLACEMENT (LIMITED COVERAGE CAMPAIGN LA13)

Oil Level Inspection

1. Inspect the oil level by referring to the shop manual:
 - **Engine Mechanical System > Lubrication System > Inspection**

NOTICE

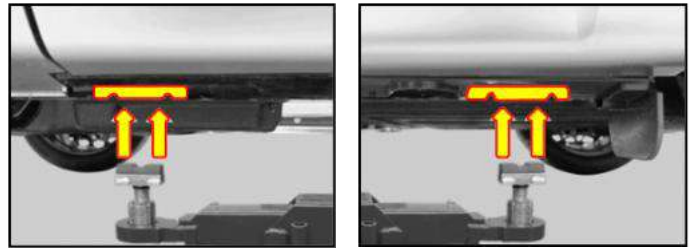
If the vehicle fails oil level inspection, address root cause of low oil separate from this campaign. Once rectified, restart campaign procedure.

Front Bumper Wiring & AAF Actuator Pin Inspection

1. Visually check that the lift blocks are properly seated on the vehicle support points and raise the vehicle.

NOTICE

Raising the vehicle from anywhere other than the support points may damage vehicle components.



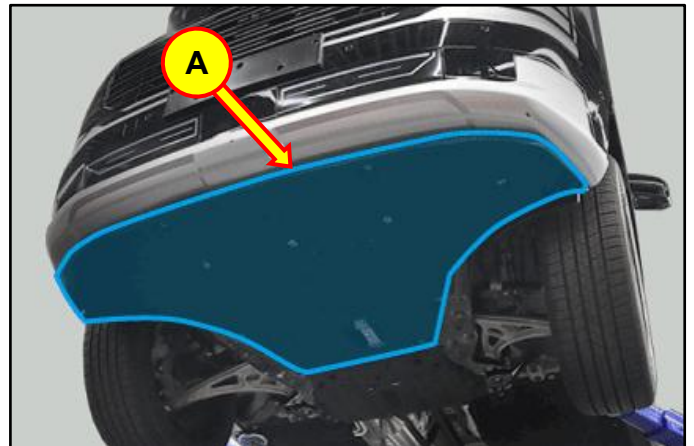
Refer to the shop manual:

- **General Information > Lift and Support Points > General Information**

2. Remove the bolts and clips, then remove the engine room under cover (A).

Tightening Torque:

lb-ft	7.3
lb-in	87
N.m	9.8



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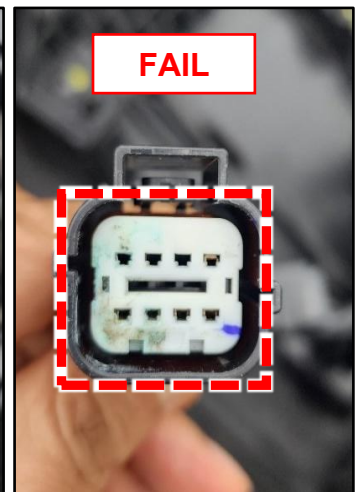
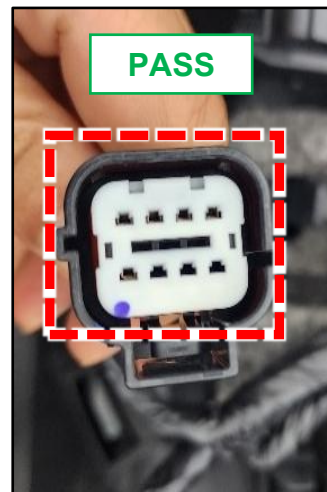
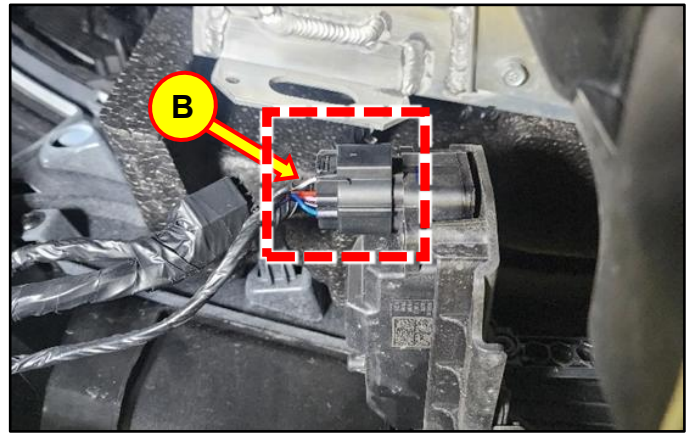
3. Disconnect the AAF actuator connectors (B).

Visually inspect both the LH and RH front bumper wiring connectors for water ingress or corrosion.

**Information**

At right are examples of good (**PASS**) and damaged (**FAIL**) wiring connectors.

- **PASS**: If damage is **NOT** found on either LH or RH connectors:
 - Proceed to **step 4**.
- **FAIL**: If damage is found,
 - On **ONE** side **ONLY**: Proceed to **step 4**.
 - On **BOTH** sides: Proceed to the **Front Bumper Removal** procedure.



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4. On the side(s) that received a **PASS** in **step 3**, use a small mirror and flashlight to inspect the AAF actuator pins for water ingress or corrosion to ensure no damage is missed.

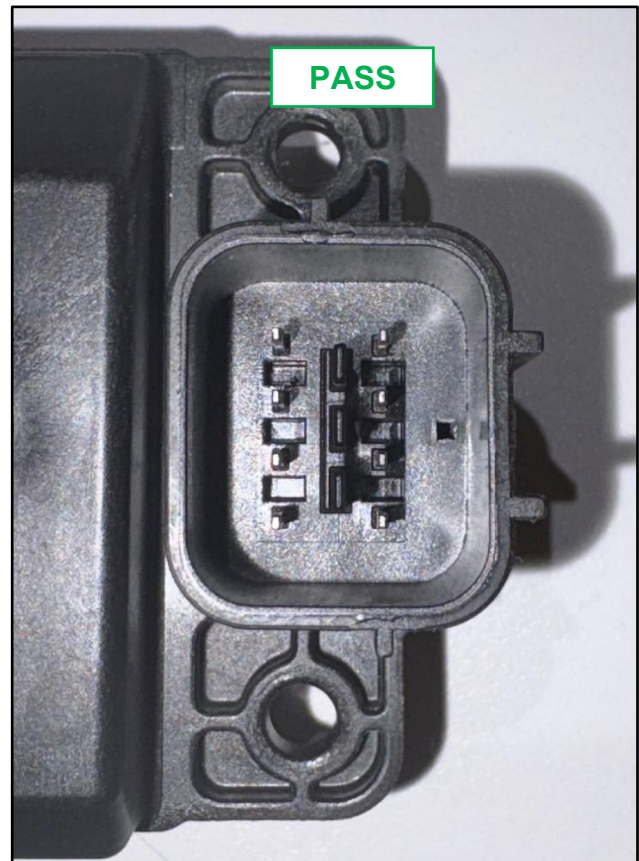
**Information**

At right are examples of good (**PASS**) and damaged (**FAIL**) actuator pins.

- **PASS:** If damage is **NOT** found in **BOTH** inspections (**steps 3 and 4**), proceed to **step 5**.
- **FAIL:** If damage is found in either inspection (**step 3 or 4**), proceed to the **Front Bumper Removal** procedure.

NOTICE

If **ANY** corrosion or water ingress evidence is found, even if it is minor, the inspection is still a **FAIL**.



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5.

**DIGITAL
DOCUMENTATION**

Using the STUI camera function, take a photo of the of the clean LH front bumper harness connector.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



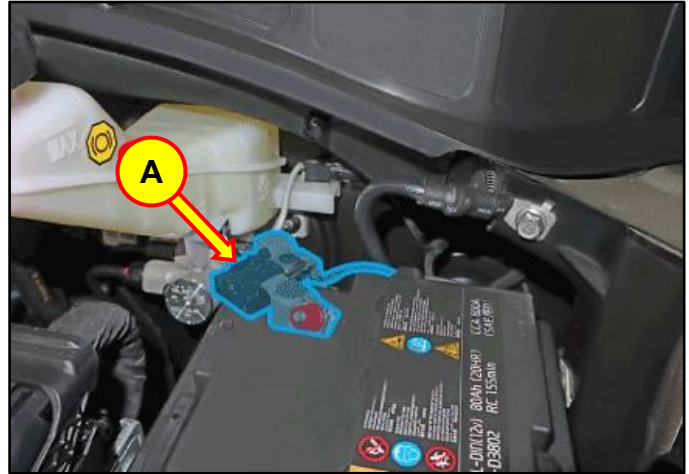
6. Reinstall all parts in the reverse order of the removal process.
7. Use GDS to clear any DTCs.
8. The service procedure is now complete.

SUBJECT:**ACTIVE AIR FLAP WIRING ASSEMBLY INSPECTION &
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1. Lower the vehicle.
2. Turn **OFF** the vehicle by pushing the START/STOP Button (SSB), then disconnect the negative (–) battery terminal (A).

Tightening Torque:

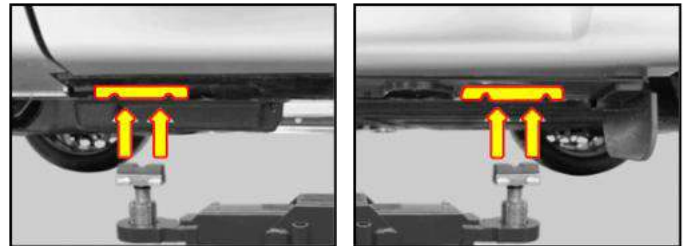
lb-ft	6.5
lb-in	78
N.m	8.8



3. Visually check that the lift blocks are properly seated on the vehicle support points and partially raise the vehicle.

NOTICE

Raising the vehicle from anywhere other than the support points may damage vehicle components.



Refer to the shop manual:

- **General Information > Lift and Support Points > General Information**

4. Place a protective mat on the floor under the front bumper to prevent scratches.

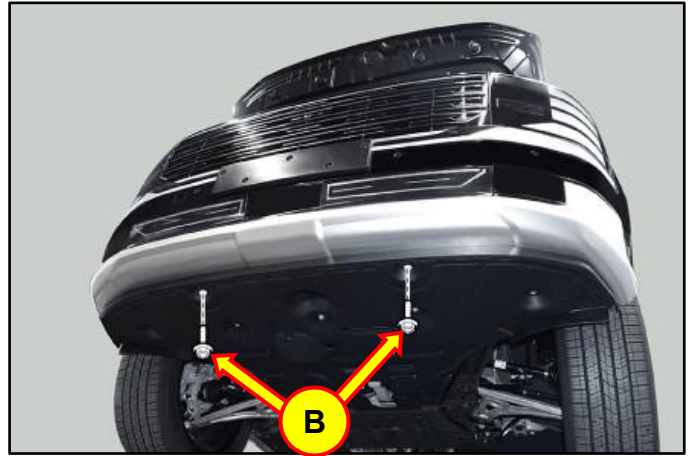


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5. Remove **two** front bumper lower bolts (B).

Tightening Torque:

lb-ft	7.3
lb-in	87
N.m	9.8

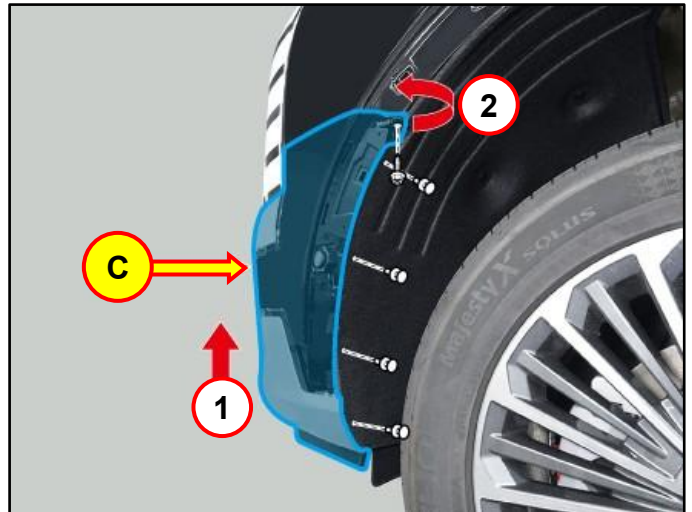


6. Remove the clips and screws on the side of the front bumper (C).

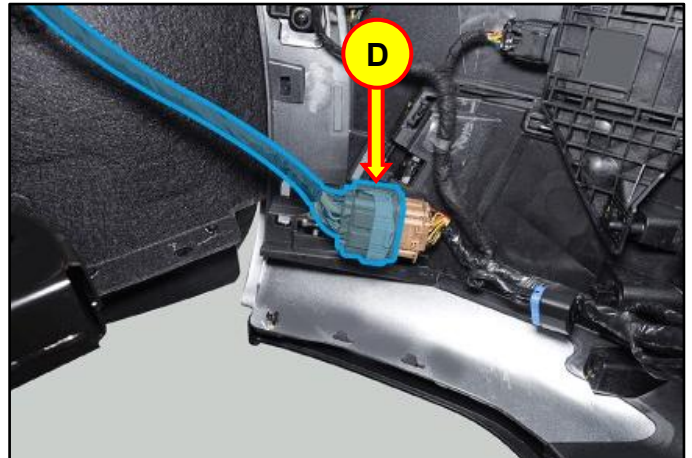
Pull up then out (1 then 2) to detach the side of the front bumper.

NOTICE

Be careful to avoid damaging the side of the front bumper after it is detached.



7. Disconnect the front bumper main connector (D).



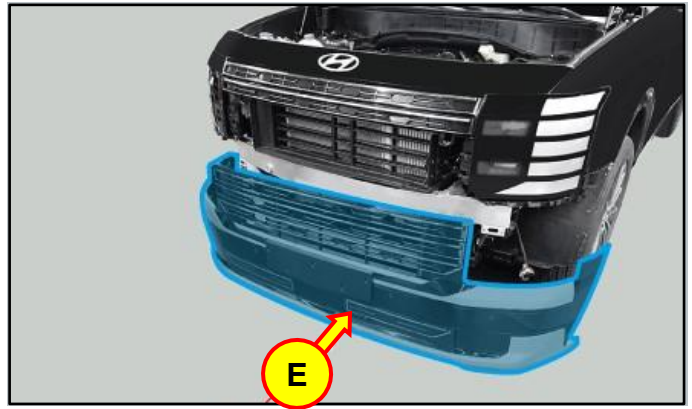
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8. Remove the front bumper assembly (E) and place it on the mat.

NOTICE

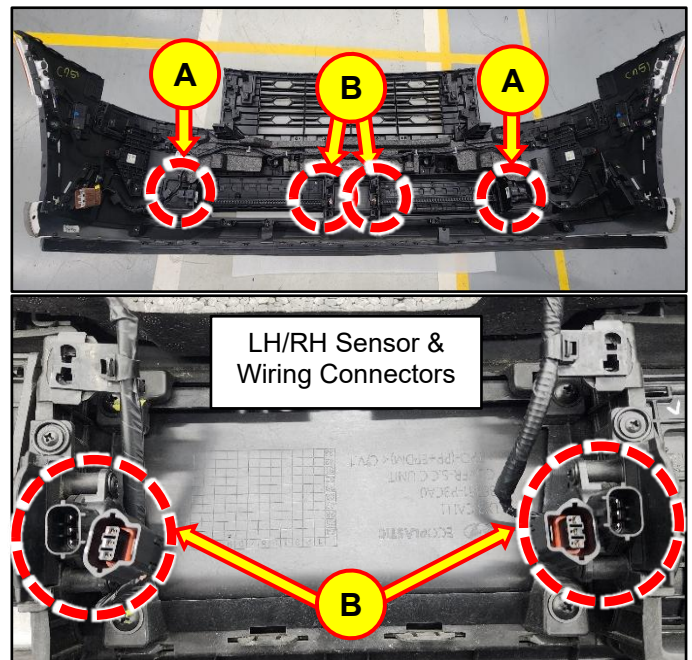
Be careful **NOT** to damage the tabs on the side part of the front bumper.



AAF Sensor Inspection

1. Disconnect the front bumper wiring and AAF actuator connectors (A) and the sensor connectors (B).

If **BOTH** LH/RH sides **FAILED** during initial inspection, proceed to the **Replacement of Front Bumper Harness, AAF Actuator(s), and AAF Sensor(s)** procedure.

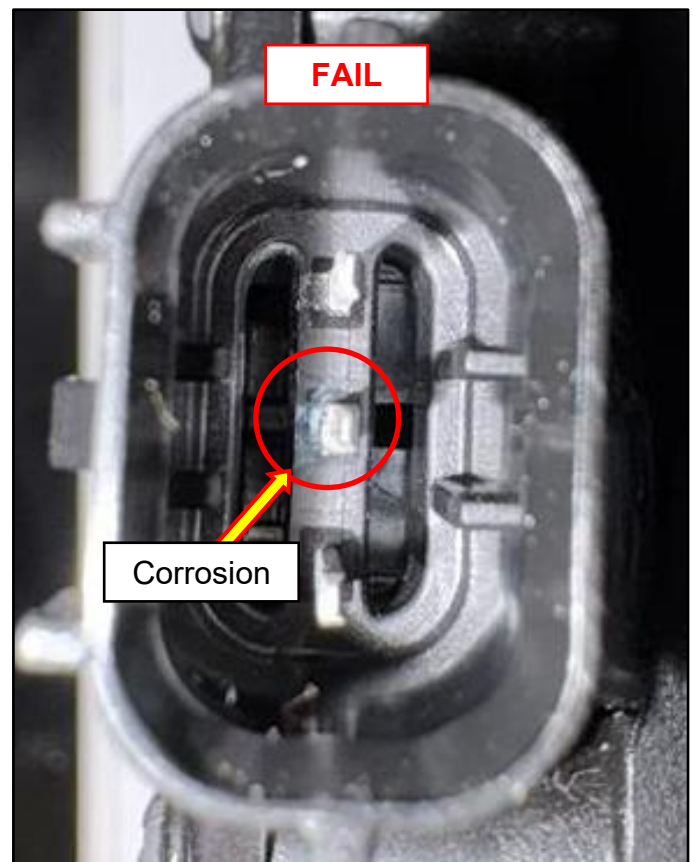
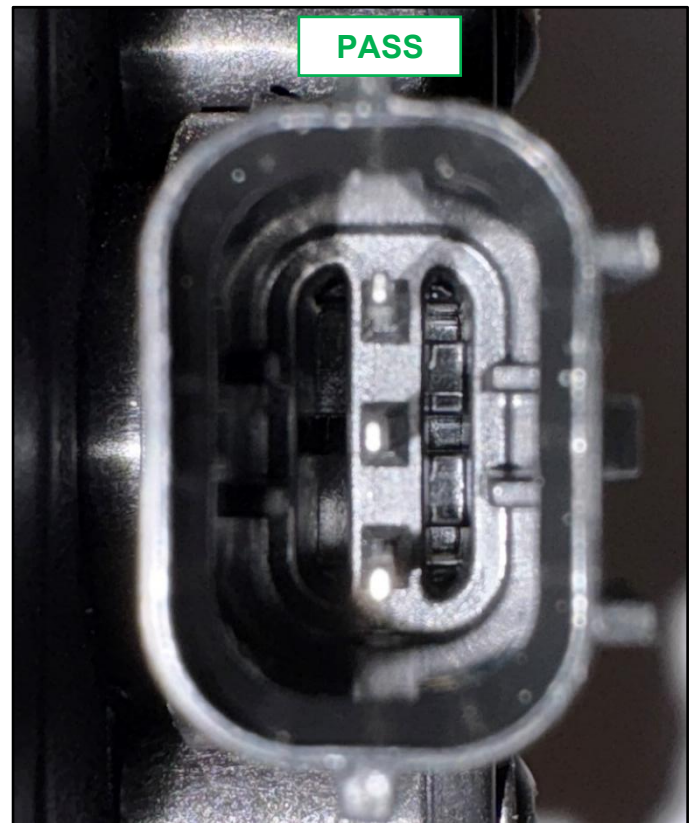


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2. Visually check LH/RH sensor connections for water/corrosion ingress.

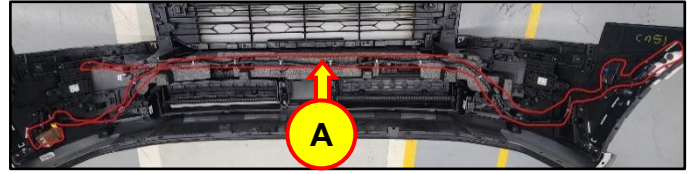
NOTICE

If the RH side **PASSED** the **Front Bumper Wiring & AAF Actuator Pin Inspection** procedure, but RH **sensor** is found to have corrosion/water ingress, then proceed to replace **BOTH** LH and RH parts as stated in **step 3** of the **Replacement of Front Bumper Harness, AAF Actuator(s), and AAF Sensor(s)** procedure.



SUBJECT:**ACTIVE AIR FLAP WIRING ASSEMBLY INSPECTION &
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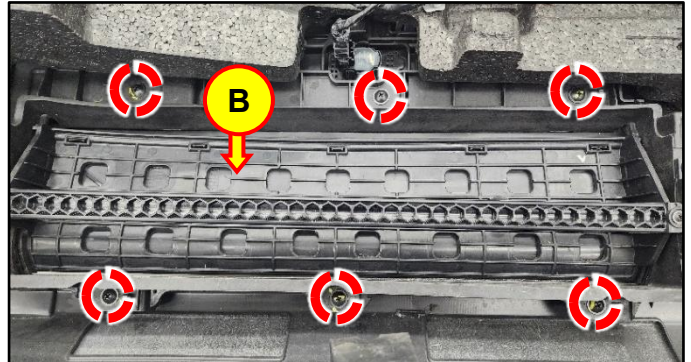
1. Remove the front bumper wiring connectors, clips, and wiring (A).



2. Remove the **six screws** from the affected side(s) and remove the AAF assembly (B).

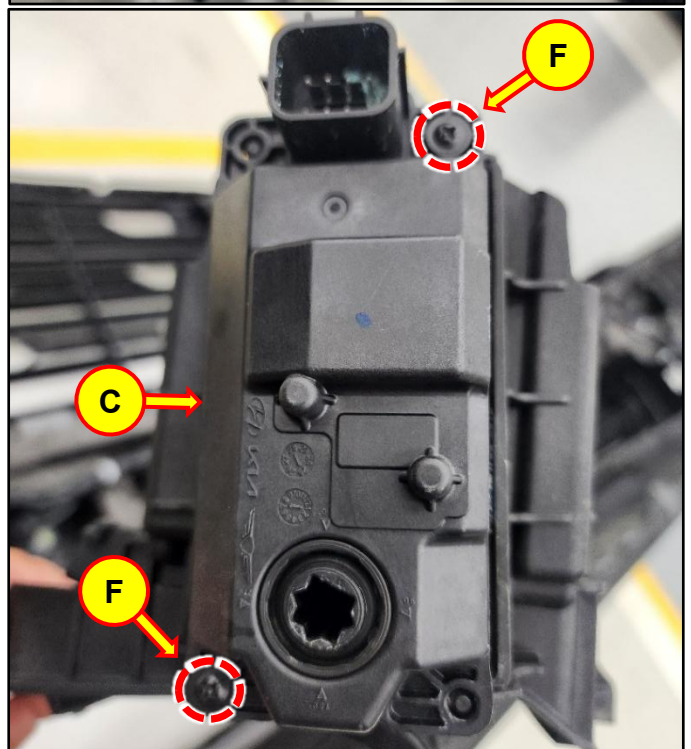
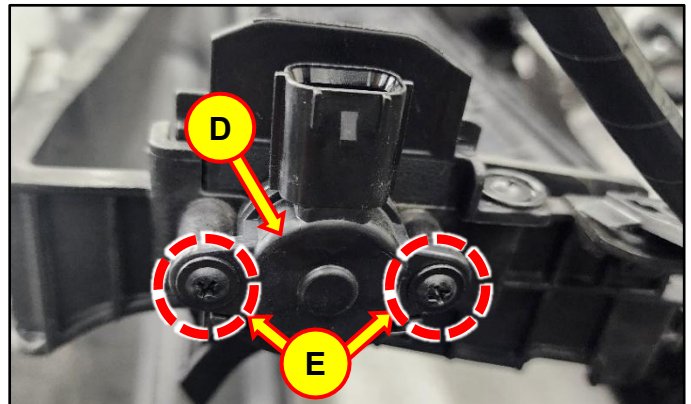
NOTICE

Refer to the flowchart for an overview of inspection results to determine which assemblies need to be removed.



3. If **ONLY** the LH side is affected by water ingress/corrosion, then **ONLY** remove the LH side AAF actuator (C) and sensor (D) by removing the mounting screws (E and F).

If the RH side is affected by water ingress/corrosion, then remove **BOTH** LH and RH side AAF actuators (C) and sensors (D) by removing the mounting screws (E and F).



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4. Reinstall new actuator(s) and sensor(s) onto their assembly(s), then reinstall the assembly(s) and new front bumper harness to the front bumper.

5.

**DIGITAL
DOCUMENTATION**

Using the STUI camera function, take a photo of the original **LH** AAF actuator pins.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



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6.

**DIGITAL
DOCUMENTATION**



Using the STUI camera function, take a photo of the completely assembled front bumper.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



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7. Reinstall all parts in the reverse order of the removal process.
8. Use GDS to clear any DTCs.
9. The service procedure is now complete.

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Op Code/Parts	86989- P9100QQH (Actuator - Active Air, LH) Qty	86999- P9100QQH (Actuator - Active Air, RH) Qty	8697A- R6000QQH (Sensor - Active Air Flap) Qty	91890- P9BE0QQH (Wiring Harness - Front Bumper) Qty	91890- P9BH0QQH (Wiring Harness - Front Bumper) Qty	91891- P9AC0QQH (Wiring Harness - Front Bumper) Qty	91890- P9AL0QQH (Wiring Harness - Front Bumper) Qty
50D310R2	1		1	1			
50D310R3	1		1		1		
50D310R4	1		1			1	
50D310R5	1		1				1
50D310RD	1	1	2	1			
50D310RE	1	1	2		1		
50D310RF	1	1	2			1	
50D310RG	1	1	2				1

Palisade Hybrid (LX3 HEV) – Part Reimbursement by Op Code:

Op Code/Parts	86989- DU100QQH (Actuator - Active Air, LH) Qty	86999- DU100QQH (Actuator - Active Air, RH) Qty	8697A- R6000QQH (Sensor - Active Air Flap) Qty	91890- P9BH0QQH (Wiring Harness - Front Bumper) Qty	91891- P9AC0QQH (Wiring Harness - Front Bumper) Qty	91890- P9AL0QQH (Wiring Harness - Front Bumper) Qty
50D310RK	1		1	1		
50D310RL	1		1		1	
50D310RM	1		1			1
50D310RU	1	1	2	1		
50D310RV	1	1	2		1	
50D310RW	1	1	2			1