



# HYUNDAI

## Technical Service Bulletin

GROUP

**ENGINE  
MECHANICAL**

NUMBER

**26-EM-007H**

DATE

**FEBRUARY 2026**

MODEL(S)

**ELANTRA (CN7)**

**SUBJECT: STEERING WHEEL VIBRATION FROM COOLING FAN OPERATION**

This TSB supersedes 25-EE-001H to update the Group to Engine Mechanical, the cooling fan part number in Parts Information (page 2), the op code in Warranty Information (page 3), and to modify the Service Procedure to specify replacement of the cooling fan blade, instead of the entire assembly.

### ★ IMPORTANT

This field action requires justification in the form of a customer concern, and a confirmed case for the related symptom outlined in the TSB, prior to any repair work. If justification requirements are not met, any submitted claims are subject to debit. 5 / 60,000 New Vehicle Limited Warranty applies. See Warranty Information section for more details.

**Description:** Some Elantra (CN7) vehicles may exhibit vibration in the steering wheel when the cooling fan is operated at high speed. Follow the service procedure in this TSB to inspect and replace the engine cooling fan if this vibration is present.





### Applicable Vehicles:

Model Year	Model	Production Dates
2024 – 2025	Elantra (CN7)	04/01/2024 – 08/31/2024

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

**Parts Information:**

Model	Part Name	Part Number		Figure	Remarks
		Previous	New		
Elantra (CN7)	Fan - Cooling	25231-B5300	25231-B5300QQH		Qty: 1
	Pink, Antifreeze/ Coolant	00232-19098			1 gallon may treat up to 12 vehicles

**NOTE 1:** Each vehicle may require approximately **10 oz.** of Pink Coolant and **10 oz.** of diluted/filtered water when replenishing the coolant overflow tank.

**Required Equipment/Supplies:**

Name	Figure	Remarks
Bungee cord (or equivalent)		Commercially Available

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Elantra (CN7)	50D235R0	Engine Cooling Fan Vibration Inspection and Replacement	0.6 M/H	25231-B5300	A31	ZZ7

**NOTE 1:** Submit claim on Claim Entry Screen as “Campaign” type.

**NOTE 2:** 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 3:** 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 4:** This TSB includes repair justification photos. Op times include VIN, mileage, and repair justification photos as outlined in the Digital Documentation Policy.

**NOTE 5:** 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 6:** Op Code 50D235R0 will reimburse for **\$4.00** in sublet for use of pink coolant.

**Service Procedure:****DIGITAL DOCUMENTATION**

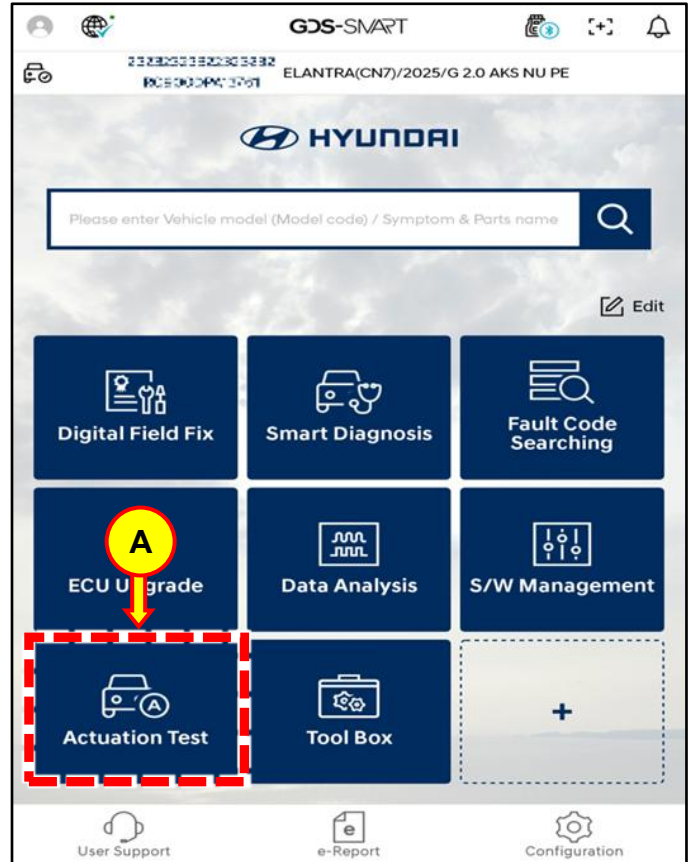
This TSB includes repair justification photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

**NOTICE**

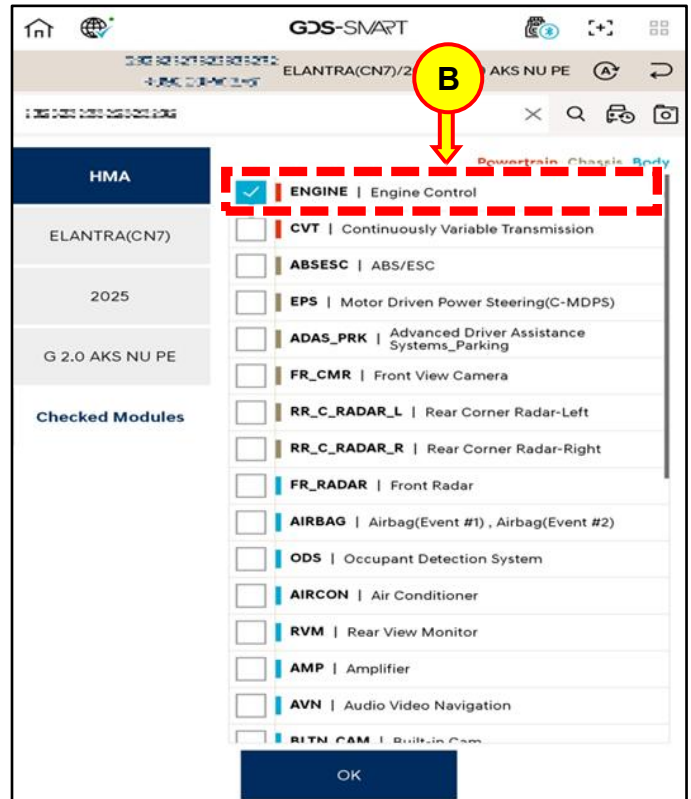
Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

**Engine Cooling Fan Inspection**

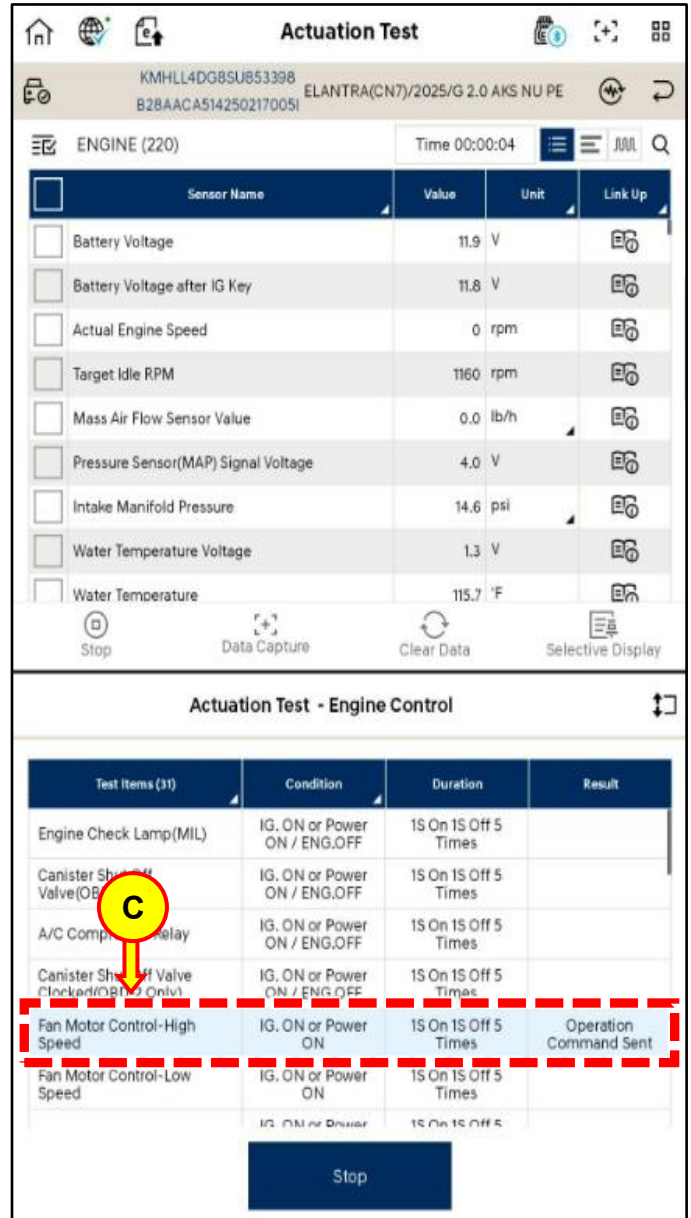
1. Connect GDS to the vehicle and turn the ignition **ON**.
2. Select **Actuation Test (A)**.



3. Select **ENGINE (B)**.



4. Select **Fan Motor Control-High Speed (C)** and actuate the fan.



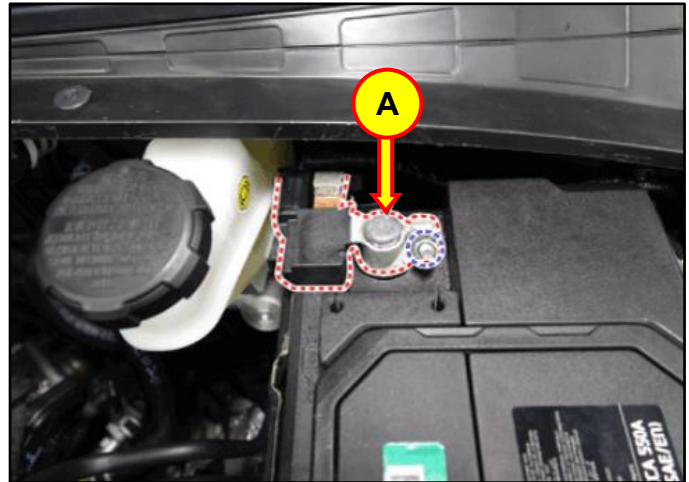
5. While cooling fan is operating at high speed, place your hand on the steering wheel in the location indicated (D) and inspect for excessive vibration.

- If **NO** excessive vibration is felt, this TSB does **NOT** apply. Service procedure is complete.
- If an excessive amount of vibration is felt, proceed to the [Engine Cooling Fan Replacement](#) procedure.



**Engine Cooling Fan Replacement**

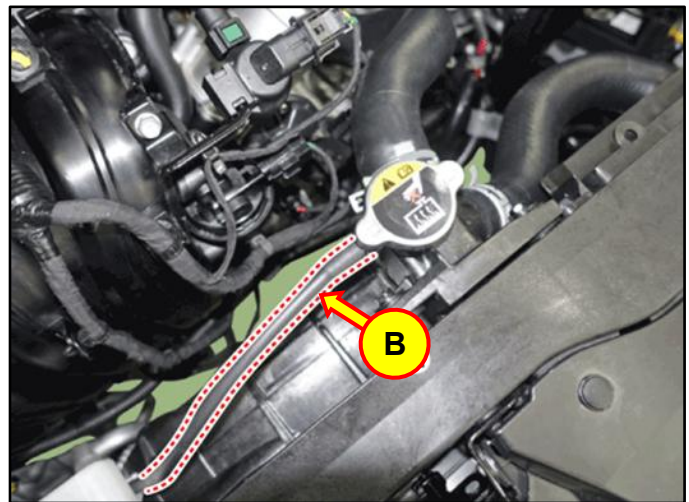
1. Disconnect the negative (-) battery terminal (A).



**Tightening Torque:**

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

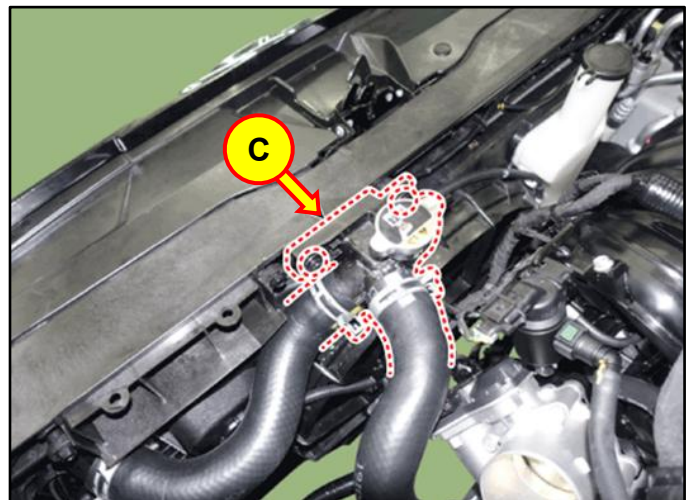
2. Disconnect the overflow hose (B).



2. Remove the filler neck assembly mounting bolts (C) and detach the assembly from the core support leaving the upper engine coolant radiator hoses intact.

**Tightening Torque:**

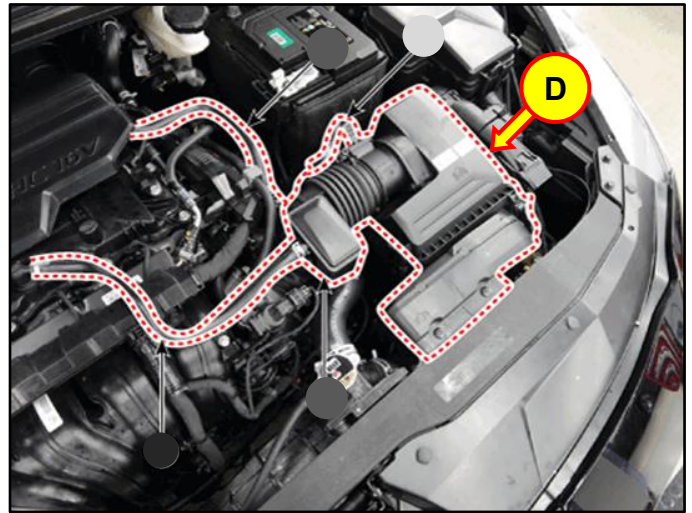
lb-ft	7.3
lb-in	87
N.m	9.8



3. Remove the air cleaner assembly (D).

Refer to the shop manual:

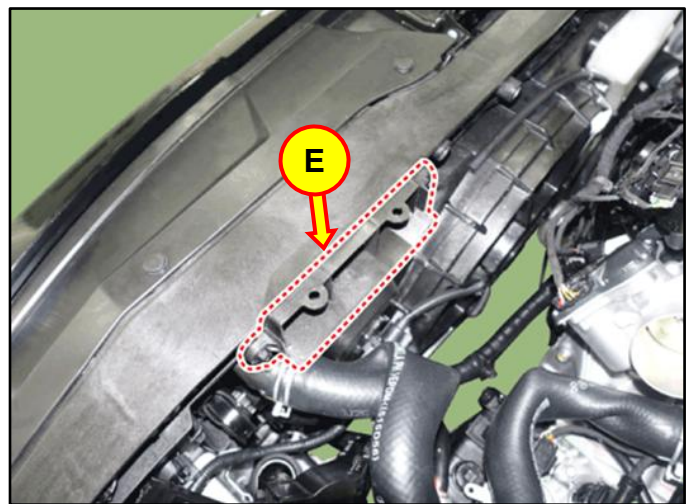
- **Engine Mechanical System > Intake and Exhaust System > Air Cleaner > Repair procedures**



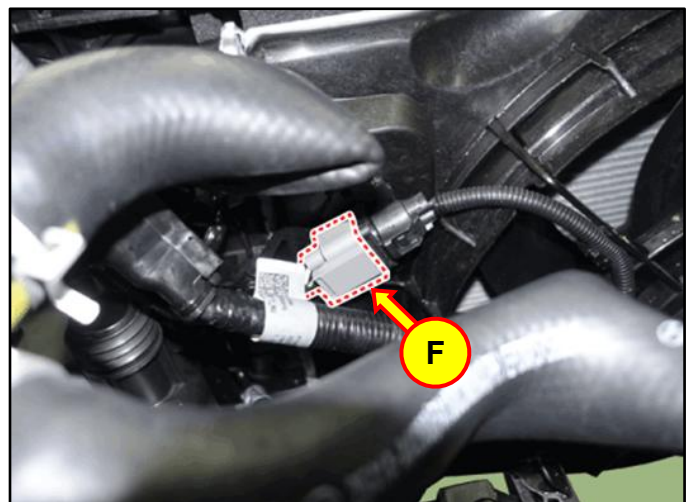
4. Remove the intake shield (E).

**Tightening Torque:**

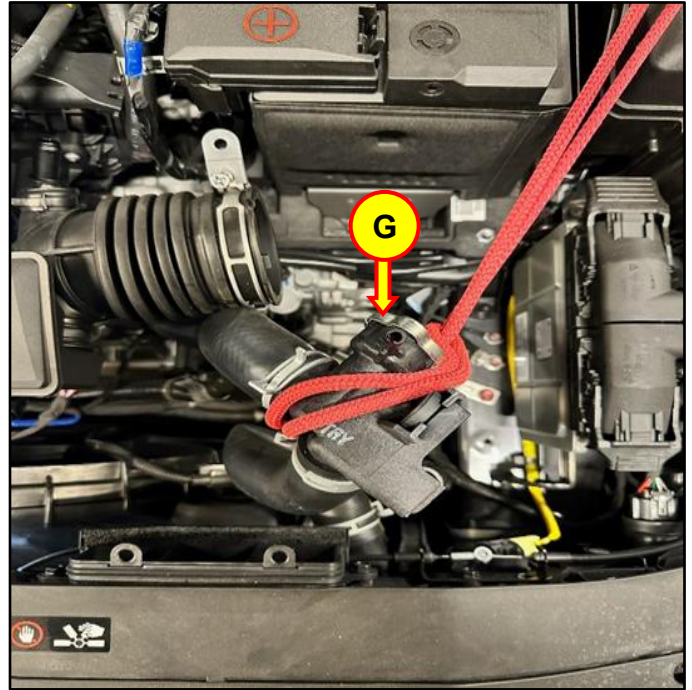
lb-ft	6.5
lb-in	78
N.m	8.8



5. Disconnect the cooling fan controller connector (F).



6. Using a bungee cord or equivalent, secure the coolant filler neck (G) away from the cooling fan.



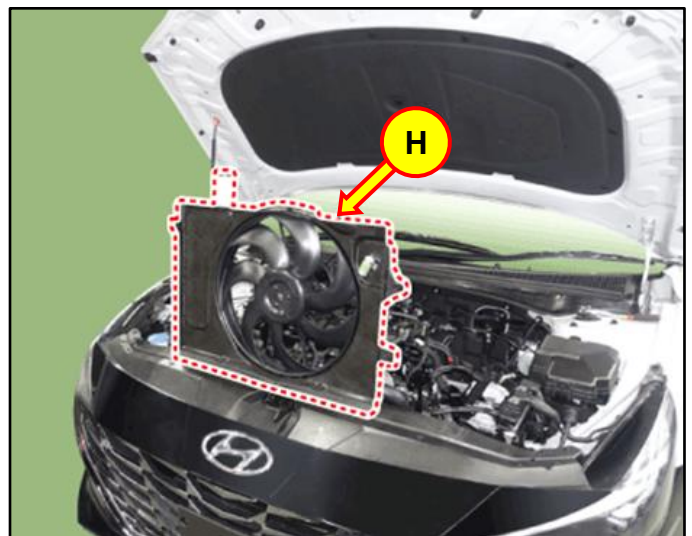
7. Remove the cooling fan (H) from the radiator.

**Tightening Torque:**

lb-ft	4.7
lb-in	56
N.m	6.4

**NOTICE**

Carefully remove the cooling fan assembly from the vehicle. Damage may occur to the radiator assembly if excessive force is used.



8. Drain the coolant from the overflow tank located on the original cooling fan assembly.



9. Remove the original cooling fan blade from the cooling fan assembly and replace it with the new part. Tighten the **3 fasteners (I)** to the specifications below.

**Tightening Torque:**

lb-ft	5.8
lb-in	69
N.m	7.8



- 10.

**DIGITAL DOCUMENTATION**



Using the STUI camera function, take a photo of the mold date stamp on the original cooling fan blade.

Upload the photo to STUI.

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



11. Reinstall all components in reverse order of the removal process.
12. Replenish the coolant overflow tank with antifreeze to the 'F' line.



**Information**

Each vehicle will require approximately **10 oz.** of Pink Coolant and **10 oz.** of diluted/filtered water when replenishing the new coolant overflow tank.

13. Start the vehicle and verify the excessive vibration is **NO** longer present.
14. The service procedure is now complete.