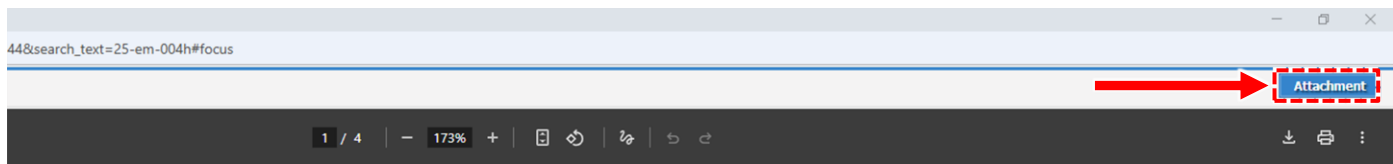

 <b>HYUNDAI</b> <b>Technical Service Bulletin</b>	GROUP <b>ENGINE MECHANICAL</b>	NUMBER <b>25-EM-004H</b>
	DATE <b>JUNE 2025</b>	MODEL(S) <b>ELANTRA N (CN7 N)</b>
<b>SUBJECT: REAR MUFFLER ACTIVE EXHAUST VALVE SPRING REPLACEMENT</b>		

**Description:** Certain Elantra N (CN7 N) vehicles may experience a rattle and/or buzzing sound coming from the rear muffler assembly at idle or on deceleration. Follow the service procedure below to replace the spring located in the active valve exhaust system to resolve the concern.

**i Information**

Sound clips may be found at the top-right section of the window by selecting **Attachment**.




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**Applicable Vehicles:**

- 2022MY and later Elantra N (CN7 N)

**Parts Information:**

Model	Part Name	Part Number	Figure	Quantity
Elantra N (CN7 N)	Active Exhaust Valve Spring	287A6-IB100FFF		1

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Elantra N (CN7 N)	287A6F00	Rear Muffler Active Valve Spring Replacement	0.3 M/H	28710-IB100	Q57	ZZ1

**NOTE 1:** Normal warranty applies.

**NOTE 2:** Submit claim on Claim Entry Screen as “Warranty” type.

**NOTE 3:** This TSB includes repair justification photos. Op times include VIN, Mileage, and repair justification photo(s) as outlined in the Digital Documentation Policy.

**NOTE 4:** 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 5:** If a part is found in need of replacement while performing this TSB and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

**Service Procedure:**

**DIGITAL DOCUMENTATION**



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

**NOTICE**

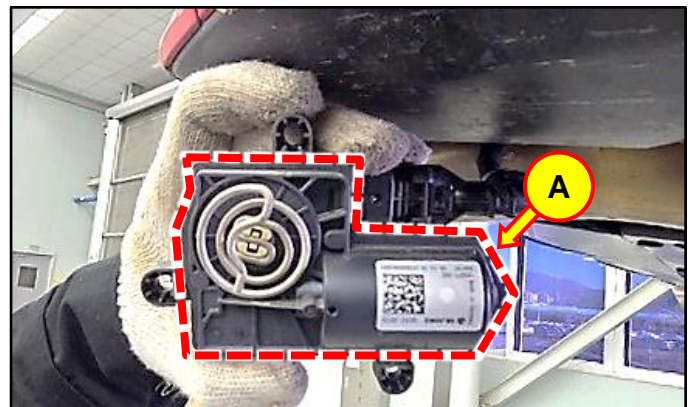
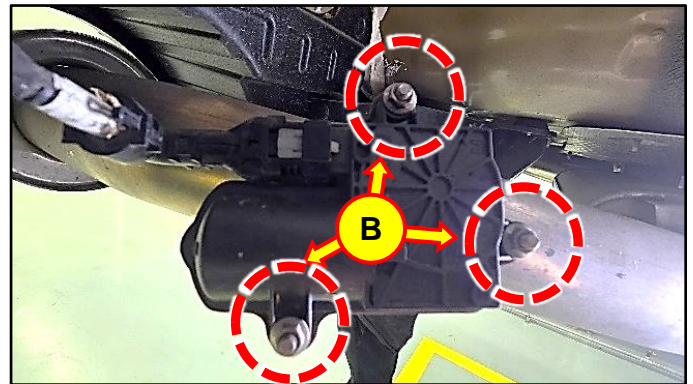
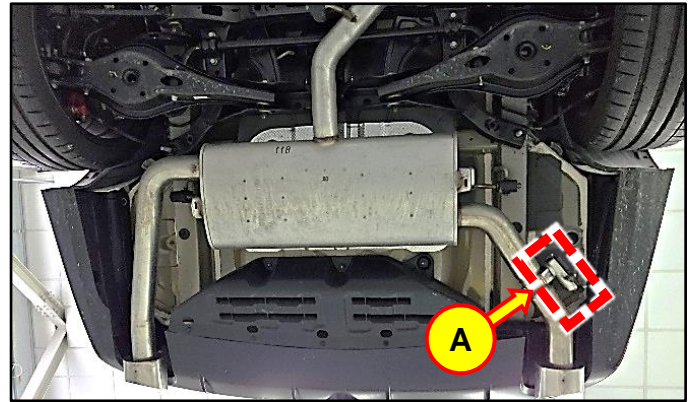
Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

**SUBJECT:** REAR MUFFLER ACTIVE EXHAUST VALVE SPRING REPLACEMENT

1. Lift the vehicle.
2. Remove the active valve assembly (A) located on the rear muffler by removing the mounting nuts (B).

**Tightening Torque:**

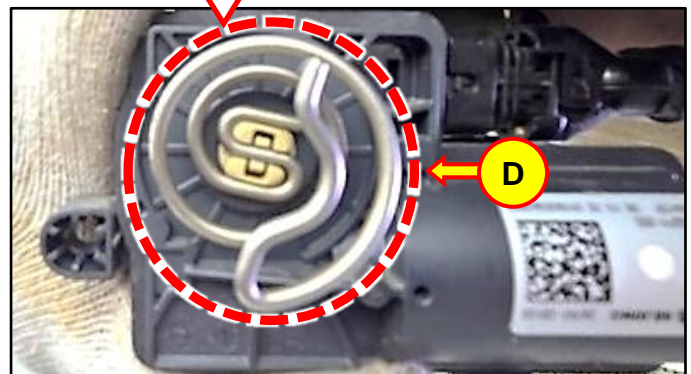
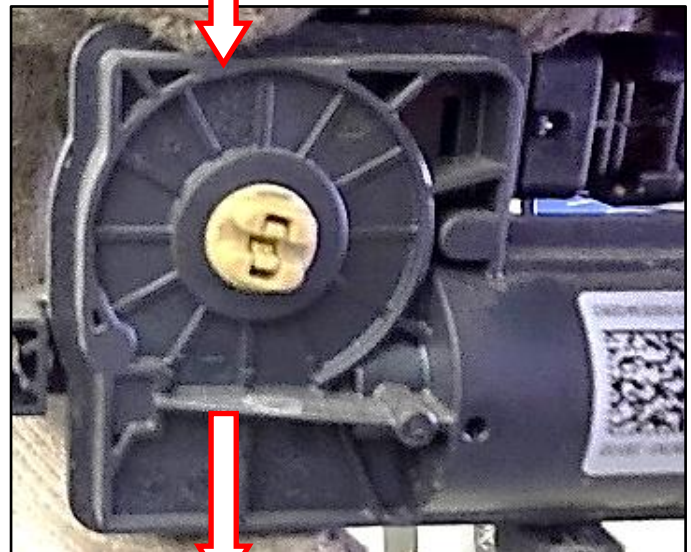
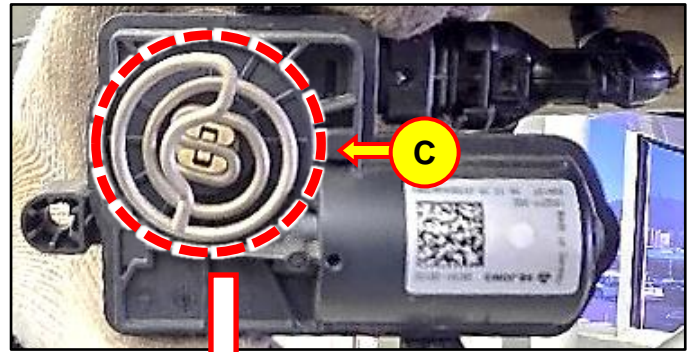
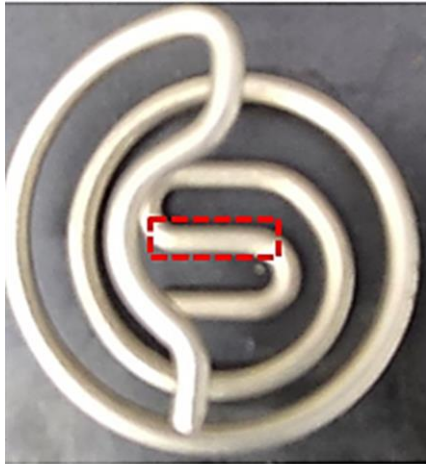
lb-ft	2.2
lb-in	27
N.m	3



- Remove the old spring (C), and install the new spring (D).

**i Information**

Ensure the center of the spring aligns with the groove of the active valve assembly.



- Reinstall parts in the reverse order of the removal process.

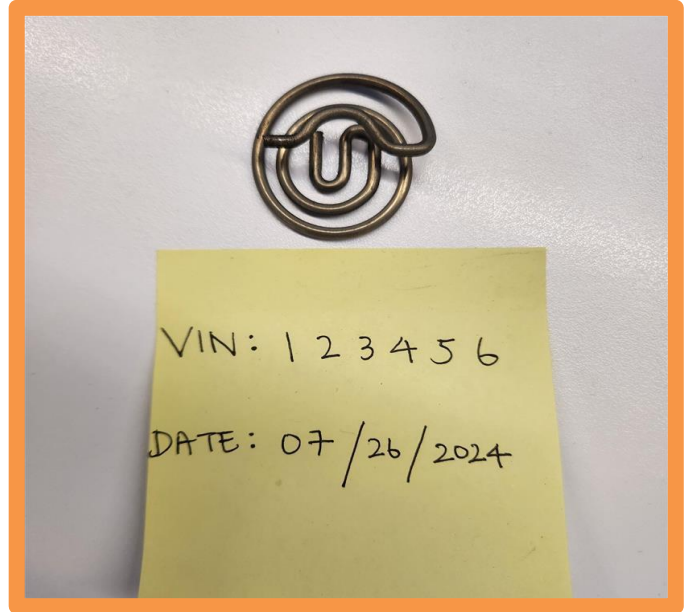
5.

**DIGITAL DOCUMENTATION**



Using STUI, take a photo of the OLD active exhaust valve spring with the last 6 digits of the VIN and the date of inspection on a piece of paper.

Upload the photo to STUI.



6. Start the vehicle to confirm the noise is **NO** longer present.

**i Information**

A self-initialization may create a click or squeal upon start-up.

7. The service procedure is now complete.