



HYUNDAI Technical Service Bulletin

GROUP FUEL SYSTEM	NUMBER 26-FL-001H
DATE JANUARY 2026	MODEL(S) SEE BELOW

SUBJECT: GDI FUEL INJECTOR REPLACEMENT - MISFIRE DTC(S)

This TSB supersedes 25-FL-001H to update the Op times from 1.3 to 1.4 M/H in the Warranty Information section on page 3.

★ 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. New Vehicle Limited Warranty applies. See Warranty Information section for more details.

Description: Some vehicles equipped with a 2.5L GDI Theta III engine (non-Turbo) may exhibit one or more misfire DTCs due to the GDI fuel injectors leaking internally. This may be caused by internal filter breakage in the injector. Follow the procedure in this TSB to replace all 4 injectors on affected vehicles, using the kit in the Parts Information section.

Possible misfire DTCs: P0300, P0301, P0302, P0303, P0304

Applicable Vehicles:

Model Year	Model	Engine	Production Dates	VIN Starts with
2022	Santa Cruz (NXT)	2.5L GDI Theta III	05/26/2021 – 06/23/2022	5NT
2021 - 2022	Santa Fe (TMA)		03/01/2021 – 07/15/2022	5NM
2021 - 2023	Sonata (DN8)		02/08/2021 – 01/19/2023	KMH
2021 - 2022	Sonata (DN8A)		03/01/2021 – 02/14/2022	5NP
2022 - 2023	Tucson (NX4)		01/23/2021 – 11/05/2022	KM8
2022	Tucson (NX4A)		03/01/2021 – 07/11/2022	5NM

Parts Information:

Part Name	Part Number	Figure	Remarks
Kit (contents below)	35399-2S133QQH		Use 1 Kit per vehicle
1. Fuel Injector – GDI	35310-2S000		Qty: 4
2. Clip – Fuel Injector	35309-04AA0		Qty: 4
3. Pipe – High Pressure	35305-2S000		Qty: 1
4. Gasket - Port	28411-2S010		Qty: 3
5. Gasket – Port FKM	28411-2S020		Qty: 1
6. Gasket – Throttle Body	28411-2S000		Qty: 1
7. Gasket – EGR Pipe	28493-2S000		Qty: 1
8. Gasket – Oil Filter Housing	26333-2S000		Qty: 2

SST Information:

Tool Name	Tool #	Figure	Remarks
Torque Wrench Socket	09314-L1100		Use for High Pressure Fuel Pipe Removal

Warranty Information:

HMMA models (VINs start with 5NP, 5NM, or 5NT)

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Santa Cruz (NXT) Santa Fe (TMA) Sonata (DN8A) Tucson (NX4A)	20DA14R9	GDI Fuel Injector Replacement (All 4 Injectors)	1.4 M/H	35310-2S000	W17	ZZ5

HMC models (VINs start with KMH or KM8)

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Sonata (DN8) Tucson (NX4)	20DA14RA	GDI Fuel Injector Replacement (All 4 Injectors)	1.4 M/H	35310-2S000	W17	ZZ5

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

NOTE 2: 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.

NOTE 3: This TSB includes a repair validation photo(s). Op times include VIN, mileage, and repair validation 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.**

Service Procedure:

DIGITAL DOCUMENTATION

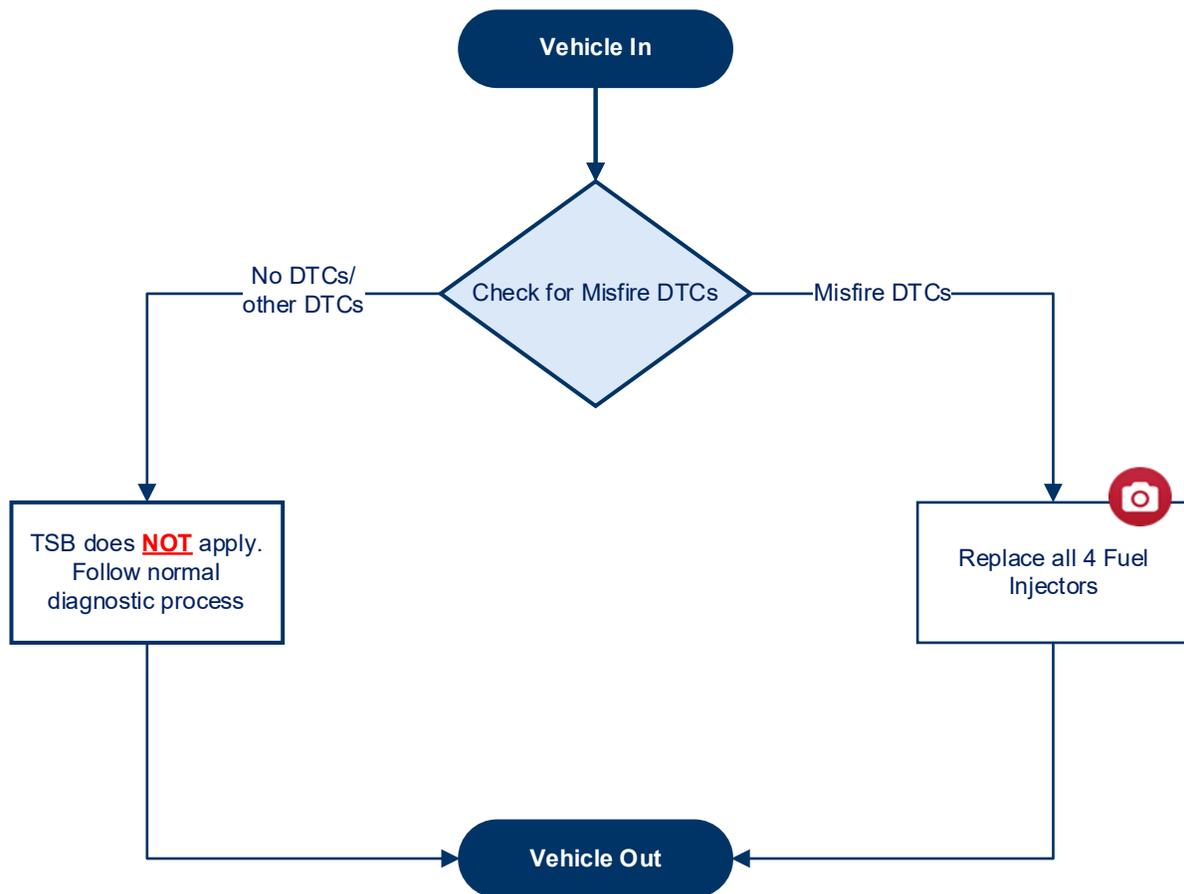


This TSB includes repair justification photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

NOTICE

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

Flowchart:



DTC Inspection

Perform a Fault Code Search for one or more of the following misfire DTCs:

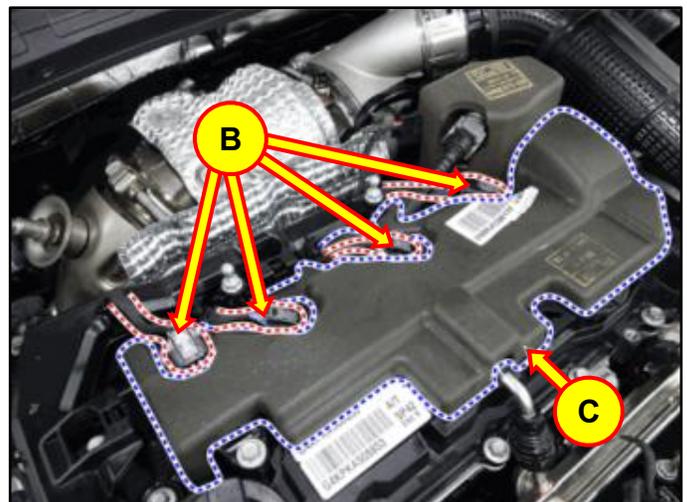
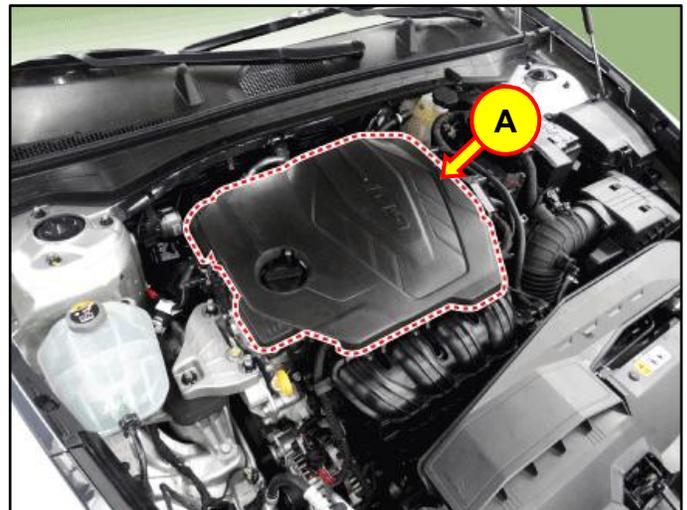
- **P0300, P0301, P0302, P0303, P0304**

If one or more of these are found, and vehicle falls within the Applicable Vehicle range, proceed to **Injector Replacement**.

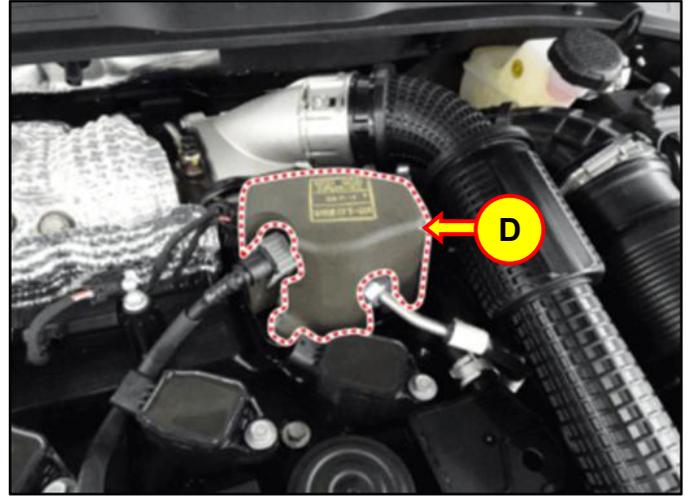
If none of these DTCs are found, and/or vehicle is **NOT** within the Applicable Vehicle range, then this TSB does **NOT** apply. Follow the normal diagnostic process.

Injector Replacement

1. Release the Residual Pressure in the Fuel Line by referring to the shop manual:
 - **Engine Control / Fuel System > Fuel Delivery System > Release Residual Pressure in Fuel Line**
2. Record customer's radio presets, if applicable, then turn ignition **OFF** and disconnect the negative (-) battery cable.
3. Remove the engine cover (A) by referring to the shop manual:
 - **Engine Mechanical System > Engine And Transaxle Assembly > Engine Cover > Repair procedures**
4. Remove the ignition coil connectors (B), then remove the ignition coil foam (C).



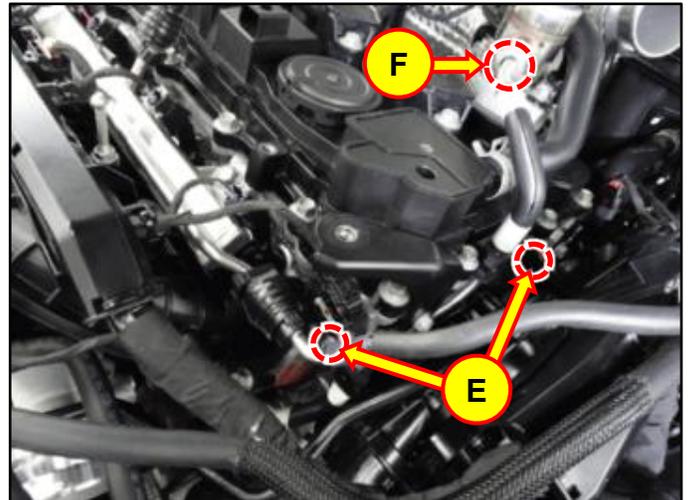
5. Remove the high pressure pump foam (D).



6. Remove the air cleaner assembly by referring to the shop manual:

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

7. Remove the high pressure fuel pipe bracket bolts (E), then remove the flange nut (F).



Tightening Torque:

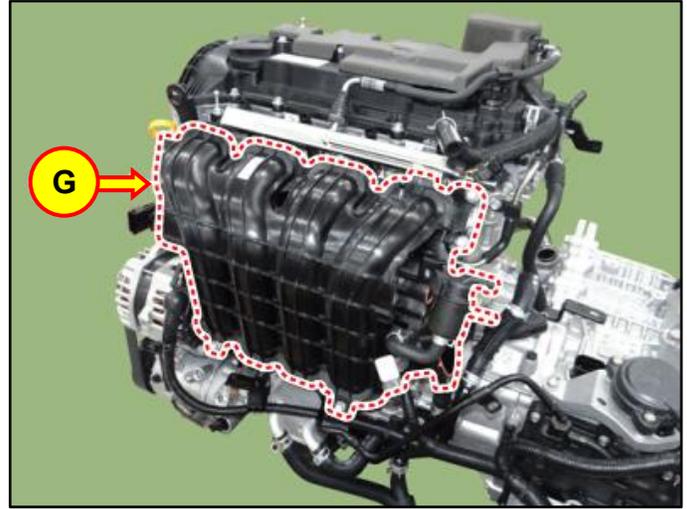
Bracket bolts:

lb-ft	7.9
lb-in	95
N.m	11

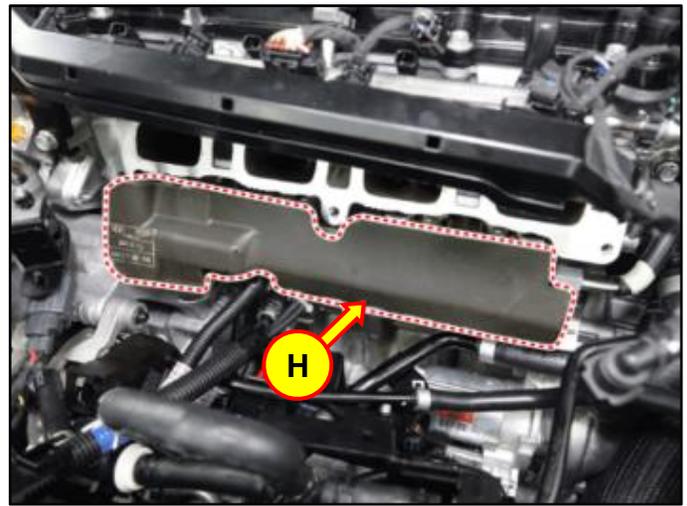
Flange nut:

lb-ft	22
N.m	29

8. Remove the intake manifold (G) by referring to the shop manual:
 - **Engine Mechanical System > Intake And Exhaust System > Intake Manifold > Repair procedures**



9. Remove the injector foam (H).



10. Remove the high pressure fuel pipe flange nut (I).
11. After removing the 4 bolts (J), remove the delivery pipe and injector assembly.

Tightening Torque:

Flange nut (I):

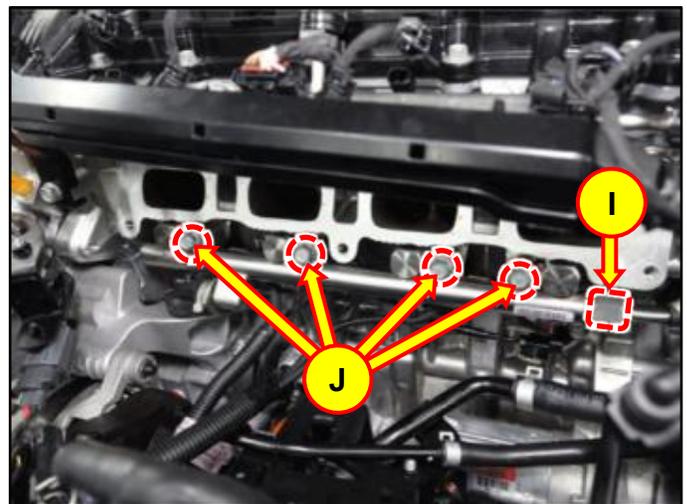
lb-ft	22
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N.m	29
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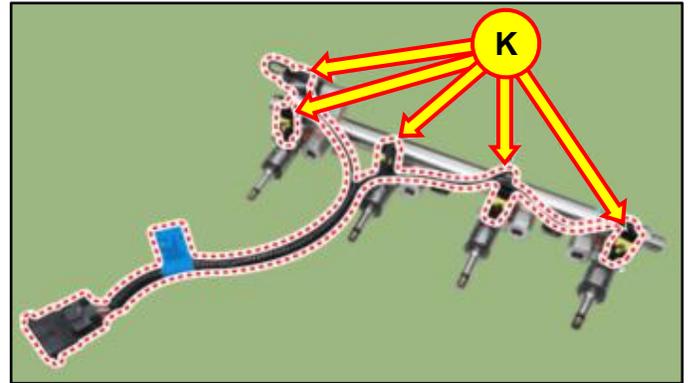
Bolts (J):

lb-ft	16
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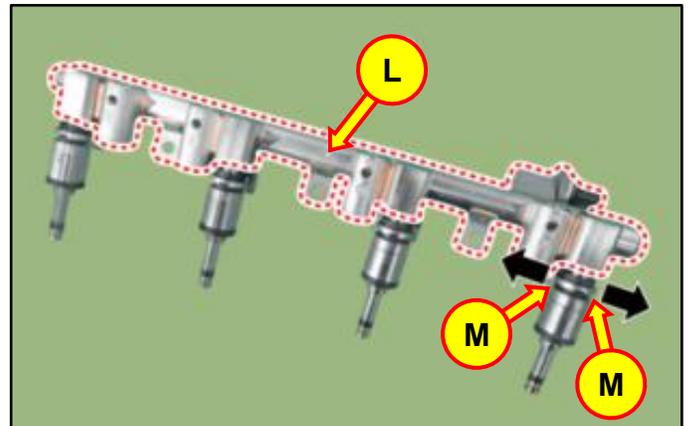
N.m	21
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12. Disconnect the injector and rail sensor connectors (K).



13. Remove the injectors from the fuel rail (L) after releasing the clips (M) on both sides.



14. Install the new injector parts in the reverse order of removal.

i Information

Before installing new injectors be sure to clean each cylinder head hole. Use a brush to remove carbon deposits and foreign materials.

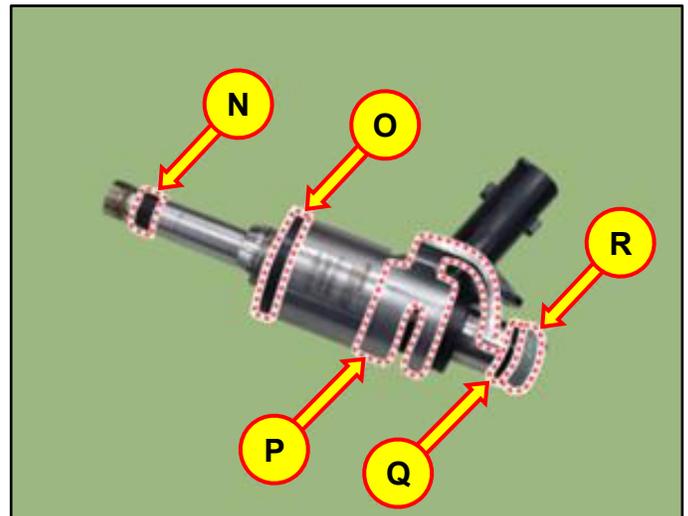
i Information

GDI Fuel Injector components:

- Combustion seal (N)
- Rubber washer (O)
- Injector clip (P)
- Support disk (Q)
- O-ring (R)

NOTICE

- Be careful **NOT** to deform the new high pressure fuel pipe.
- When inserting the injector, be careful **NOT** to damage the injector tip.
- Do **NOT** apply oil, grease, or lubricant to the combustion seal.
- Do **NOT** tilt the torque wrench when tightening nuts.
- Carefully observe all torque specifications.
- Use SST 09314-L1100 for installing the high pressure fuel pipe flange nut.



15.

**DIGITAL
DOCUMENTATION**

Using the STUI camera function, take a photo of the new and old injectors side next to each other, with fuel rail removed.

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.



16. Reinstall all remaining parts in reverse order of the removal process.
17. Reset customer's radio presets, if applicable, and reconnect the negative (-) battery cable.
18. Start the engine and confirm proper operation of the vehicle.
19. The service procedure is now complete.