

 HYUNDAI Technical Service Bulletin	GROUP FUEL SYSTEMS	NUMBER 25-FL-002H
	DATE FEBRUARY 2025	MODEL(S) SEE BELOW
SUBJECT: HIGH PRESSURE FUEL PUMP REPLACEMENT (WARRANTY EXTENSION Z04)		

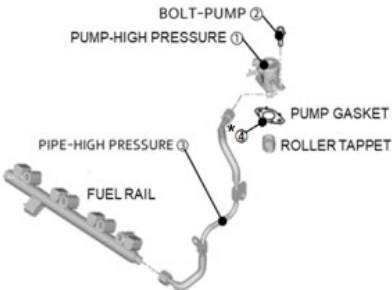
Description: Certain 2019-2022MY Veloster N (JSN), 2022-2023MY Elantra N (CN7N), and 2022-2023MY Kona N (OSN) vehicles are equipped with high pressure fuel pump (HPFP) assemblies that have fuel control valves (FCV) that could allow excess fuel to enter the fuel pump due to gradual wear of the FCV plunger. An air/fuel mixture that runs too “rich” may result in a reduction or loss of motive power at low speeds. The vehicle will also have Diagnostic Trouble Code (DTC) P0088.

Hyundai is extending warranty coverage for the HPFP under this condition to 15 years or 150,000 miles from the date of original retail delivery or date of first use (whichever occurs first) and is valid for original and subsequent owners.

Follow the service procedure in this TSB to replace the HPFP.

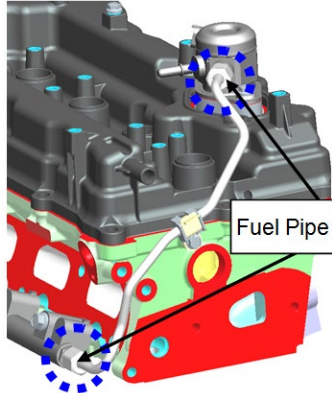
Applicable Vehicles (Certain): • 2019-2022MY Veloster N (JSN) produced from 09/06/2018 – 08/18/2022 • 2022-2023MY Elantra N (CN7N) produced from 09/15/2021 – 11/23/2023 • 2022-2023MY Kona N (OSN) produced from 10/05/2021 – 04/25/2023	
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Parts Information:

Model	Part Name	Figure	Remarks
Veloster N (JSN)	Pump – High Pressure Kit 35399-2G333QQH		Pump – High Pressure 35320-2GHA1 (Figure 1: QTY 1)
Elantra N (CN7N)			Bolt – Pump 11235-06226K (Figure 2: QTY 2)
Kona N (OSN)			Pipe – High Pressure 35305-2GPD0 (Figure 3: QTY 1)
			Pump Gasket (*Figure 4: Transfer from old and reuse. NOT included in kit.)

NOTE: Above parts are for high pressure fuel pump replacement, only if the vehicle has **DTC P0088**. Please order the kit part number 35399-2G333QQH, not the individual parts.

SST Information:

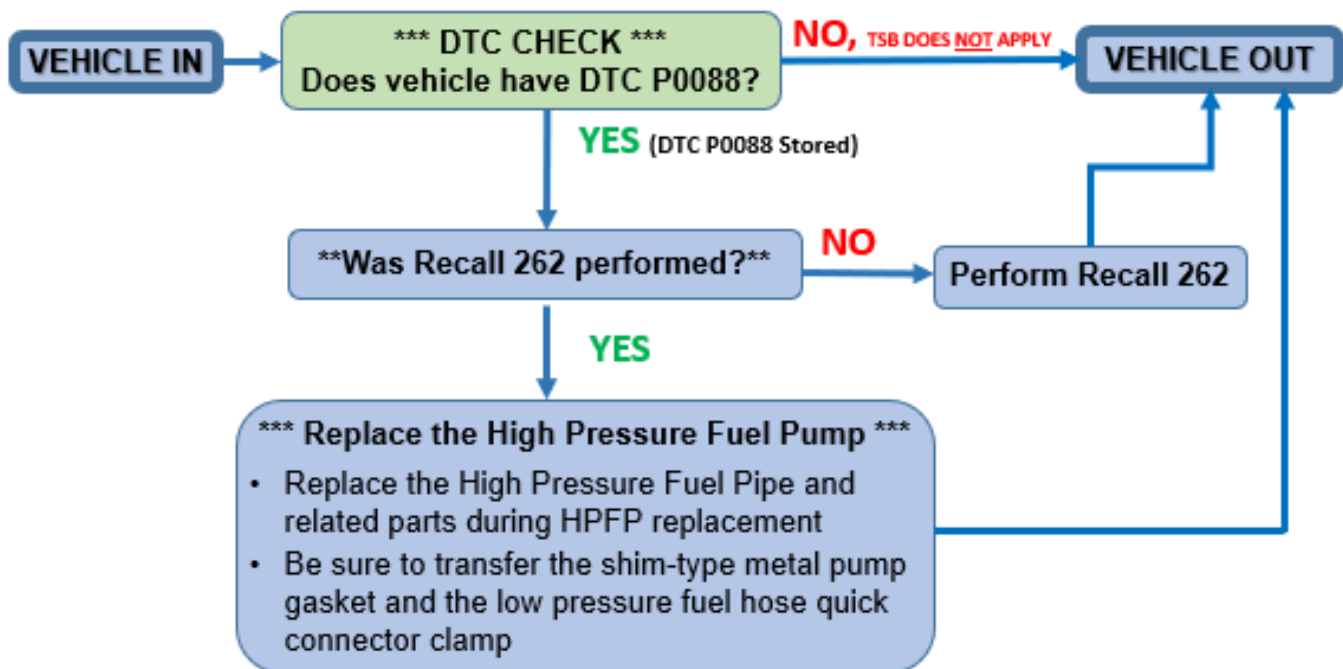
Tool Name	Tool #	Figure	Remarks
Torque Wrench Socket	09314-3Q100	 	 Fuel Pipe Flare Nuts For tightening the flare nuts on both ends of the high pressure pipe.

NOTE 1: All dealers previously received this tool as part of the dealer's essential tool kit.

NOTE 2: Additional SST tools can be ordered through Snap-On at **1-855-763-9199** or <https://hyundaiesentialtools.com/>.

NOTE 3: If further assistance is required, please contact hyundaitools@hmausa.com.

Inspection and Service Procedure Overview:



Warranty Information:

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Veloster N (JSN)	40D153R0	DTC P0088 Inspection and HPFP Replacement	0.8 M/H	35320-2GHA1	I14	ZZ3
Elantra N (CN7N)						
Kona N (OSN)						

NOTE 1: If the affected parts are within the extended period of 15 years or 150,000 miles then submit as a campaign claim type.

NOTE 2: If a part that is not covered by this TSB is found in need of replacement while performing Z04 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: 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:

NOTICE

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

- Using a GDS scan tool, inspect to confirm if vehicle has DTC P0088 (or P008800).
 - If vehicle has DTC P0088/P008800, continue with the steps below to replace the high pressure fuel pump.
 - If vehicles does **NOT** have DTC P0088/P008800, this TSB does **NOT** apply. Continue with normal diagnosis.

Information

If dealer attempts to order the high pressure fuel pump kit and there is no corresponding DTC P0088/P008800 found, the order will be subject to cancellation.

2. Verify that Recall 262 has been completed previously.
 - Verify ECU Update Event #1141, 1152, and 1153 (depending on model) have been completed.
 - If Recall 262 has **NOT** been performed, this TSB does **NOT** apply.
 - Follow the service procedure listed in Recall 262 (TSB 24-01-075H-1 or latest version) to resolve the DTC P0088 (or P008800) concern.
3. Refer to the shop manual to release the residual fuel pressure in the fuel line:
 - **Engine Control / Fuel System > Fuel Delivery System > Repair Procedures > Release Residual Pressure in Fuel Line**

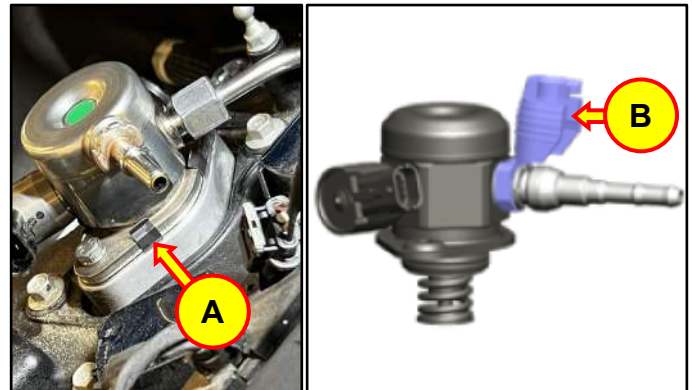
i Information

When removing the fuel pump fuse, a Diagnostic Trouble Code (DTC) may occur. Delete the code with the diagnostic tool afterwards.

4. Record all radio presets and disconnect the battery negative (–) terminal.
5. Refer to the shop manual to remove the high pressure pipe and high pressure fuel pump.
 - **Engine Control / Fuel System > Fuel Delivery System > High Pressure Fuel Pump**
6. Refer to the shop manual to complete the installation of the new high pressure fuel pump, the new high pressure pipe, and all related parts.

i Information

Be sure to transfer the shim-type metal pump gasket (A) and the low pressure fuel hose quick connector clamp (B) (if equipped) over to the new High Pressure Fuel Pump.



7. Tighten the high pressure fuel components to the following specifications:

**High Pressure Fuel Pump Bolt
Tightening Torque:**

lb-ft	11
N.m	14

**High Pressure Fuel Pipe
Tightening Torque:**

lb-ft	24
N.m	33

(Use **SST 09314-3Q100** or equivalent)

8. Start the engine to confirm proper operation of the vehicle.
9. The service procedure is now complete.