



Technical Service Bulletin

GROUP**FUEL SYSTEMS****NUMBER****25-FL-002G****DATE****FEBRUARY 2025****MODEL(S)****G70 (IK)****SUBJECT:**

HIGH PRESSURE FUEL PUMP REPLACEMENT
(WARRANTY EXTENSION Z05G)

Description: Certain 2019-2023MY G70 (IK) 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.

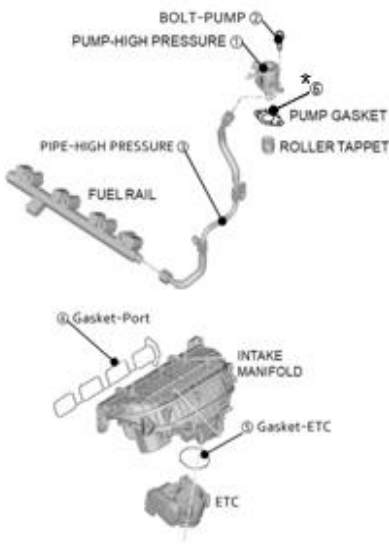
Genesis is extending warranty coverage for the HPFP under this condition to 15 years or 150,000 miles from the date of original retail delivery or date of first use (whichever occurs first) and is valid for original and subsequent owners.

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

Applicable Vehicles (Certain):

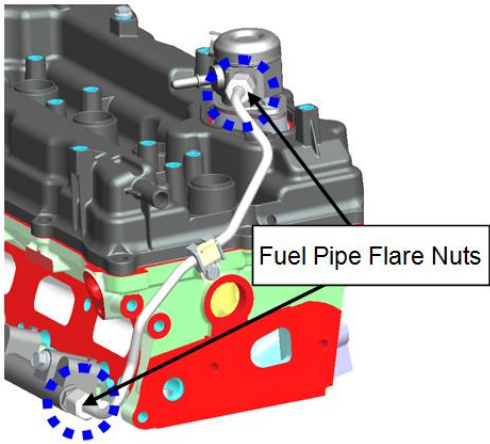
- 2019-2023MY G70 (IK) with Theta 2.0T engine produced from 02/01/2018 - 10/16/2023

Parts Information:

Model	Part Name / Part Number	Figure	Remarks
G70 (IK)	Pump – High Pressure Kit 35399-2C333QQH		Pump – High Pressure 35320-2CTB1 (Figure 1: QTY 1)
			Bolt – Pump 11235-06226K (Figure 2: QTY 2)
			Pipe – High Pressure 35305-2CTA0 (Figure 3: QTY 1)
			Gasket – Port 28312-2CTA0 (Figure 4: QTY 1)
			Gasket – ETC 28313-2CTA0 (Figure 5: QTY 1)
			*Pump Gasket (Figure 6: Transfer from old and reuse. NOT included in kit.)
	Pink Antifreeze (2 Quarts) 00232-19098WAR		(QTY 2) Allowance for two quarts have been included if the High Pressure Fuel Pump replacement was necessary. Do NOT use 100% full strength. Prepare coolant mixed with distilled/filtered water to refill the cooling system (35 to 50% antifreeze, diluted with water).

NOTE: Above parts are for high pressure fuel pump replacement, only if the vehicle has **DTC P0088**. Please order the kit part number 35399-2C333QQH, 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 retailers previously received this tool as part of the retailer's essential tool kit.

NOTE 2: Additional SST tools can be ordered through Snap-On at **1-855-763-6630** or <https://genesisessentialtools.com/>

NOTE 3: If further assistance is required, please contact genesistools@gma.com.

Warranty Information:

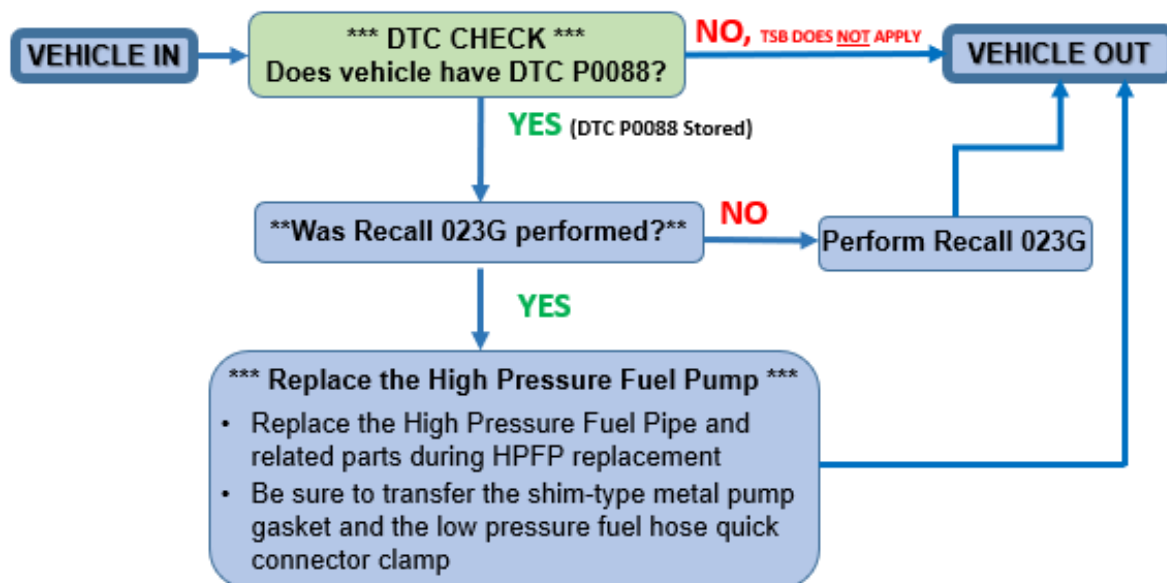
Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
G70 (IK)	40D152R0	DTC P0088 Inspection and HPFP Replacement	1.8 M/H	35320-2CTB1	I14	ZZ3

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 Z05G 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.**

Inspection and Service Procedure Overview:



Service Procedure:

NOTICE

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

1. Using a GDS scan tool, inspect to confirm if vehicle has DTC P0088 (or P008800).
 - If vehicle has DTC P0088/P008800, then follow the next 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 023G has been completed previously.
 - Verify ECU Update Event #1140 has been completed.
 - If Recall 023G has **NOT** been performed, this TSB does **NOT** apply.
 - Follow the service procedure listed in Recall 023G (TSB 24-01-076G or latest version) to resolve the DTC P0088 (or P008800) concern.

3. Follow the shop manual to release the residual fuel pressure in the fuel line.
 - **Engine Control / Fuel System > Fuel Delivery System > Release Residual Pressure in Fuel Line**

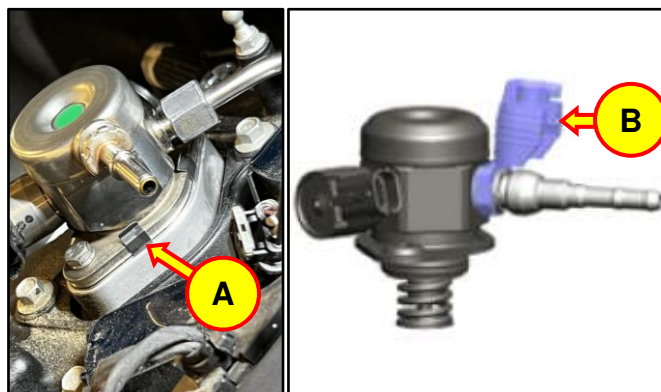
***i* Information**

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 intake manifold.
 - **Engine Mechanical System > Intake and Exhaust System > Intake Manifold > Repair procedures**
6. Refer to the shop manual to remove the high pressure fuel pump and high pressure pipe.
 - **Engine Control / Fuel System > Fuel Delivery System > High Pressure Fuel Pump > Repair procedures**
7. 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.



8. 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)

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