



Technical Service Bulletin

GROUP ENGINE ELECTRICAL	NUMBER 23-EE-009H
DATE AUGUST 2023	MODEL(S) SONATA (DN8a)

SUBJECT: EGR VALVE REPLACEMENT FOR DTC P0401

Description: This bulletin provides warranty procedure for EGR Valve replacement related to DTC P0401 EGR Flow Insufficient on 2020 and 2021MY Sonata (DN8a) equipped with 2.5 GDI Vehicles.



Applicable Vehicles:

- 2020MY, 2021MY Sonata (DN8a) equipped with 2.5L GDI Engine produced from 10/22/2019-10/01/2020

Parts Information:

MODEL	PART NAME	PART NUMBER	QTY
2020MY Sonata (DN8a)	VALVE ASSY-EGR	28400-2S000FFF	1
	GASKET - EGR PIPE	28493-2S020	1
	GASKET – EGR PIPE	28493-2S030	1
	GASKET – EGR PIPE	28493-2S040	1
	GASKET – EGR COOLER	28493-2S050	1
	GASKET - CATALYST CASE	28535-2SAD0	1
	GASKET - EXHAUST PIPE	28751-3S100	2

Warranty Information:

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Sonata (DN8a)	28400F00	Replace EGR Valve	2.4 M/H	28400-2S000	I3T	ZZ1

NOTE 1: Normal warranty applies.

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

Circulate To: Service Manager, Warranty Manager, Service Advisors, Technicians, Fleet Repair

NOTE 3: This TSB includes Repair validation photos. Op times include VIN, Mileage, and Repair validation photos 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:

STUI



This TSB includes Repair validation photos. Refer to the latest Digital Documentation Policy for requirements.

1. Use GDSM to verify **DTC P0401 EGR Flow Insufficient**. If DTC P0401 is present, **proceed to replace the EGR Valve**.

Refer to the shop manual section for complete service procedure:

Engine Control / Fuel System → Engine Control System → Electric EGR Control Valve

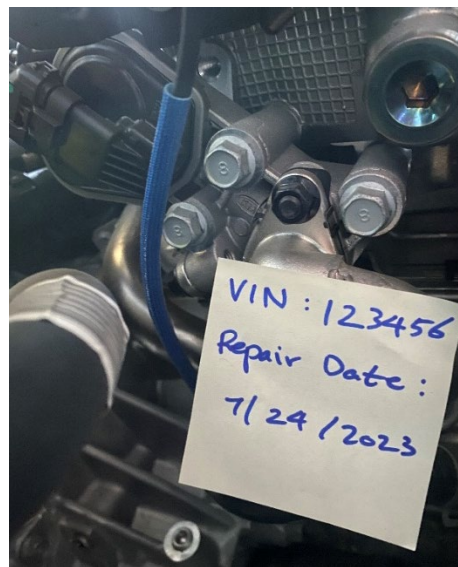
- 2.

STUI



Using STUI, take a photo of the new EGR Valve with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



3. Clear any ECM DTC(s) after the part replacement.

Start the engine to confirm proper operation of the vehicle.