



GROUP	MODEL
Safety Recall Campaign	2022MY Sorento (MQ4a) w/2.5L T-GDI
NUMBER	DATE
SC233	March 2022

## SAFETY RECALL CAMPAIGN

**SUBJECT: TURBOCHARGER OIL FEED PIPE REPLACEMENT (SC233)**

This bulletin provides information to replace the turbocharger oil feed pipe on some 2022MY Sorento (MQ4a) vehicles equipped with Theta III 2.5L T-GDI engines and produced from March 3, 2022 through March 8, 2022. During the production of the turbocharger oil feed pipe, a crack may have occurred at the eye joint of the oil feed pipe. If a crack occurred, oil may leak and contact certain hot surfaces in the engine compartment, increasing the risk of a fire. Follow the procedure outlined in this publication to replace the turbo oil feed pipe. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

### VIN List for 26 Affected Vehicles

5XYRH4LF8NG110402	5XYRKDLF4NG110348	5XYRKDLF3NG110034	5XYRK4LFXNG109849
5XYRH4LF9NG109761	5XYRKDLF5NG110228	5XYRKDLF4NG109992	5XYRKDLF0NG110590
5XYRK4LF9NG109812	5XYRKDLF7NG110568	5XYRKDLF8NG109994	5XYRKDLF1NG110341
5XYRK4LFXNG110533	5XYRKDLF0NG110475	5XYRKDLF9NG110331	5XYRKDLF1NG110307
5XYRKDLF1NG110520	5XYRKDLF1NG110548	5XYRKDLF9NG110345	5XYRKDLF3NG109773
5XYRKDLF3NG109921	5XYRKDLF2NG110204	5XYRKDLFXNG110354	
5XYRKDLF4NG109720	5XYRKDLF2NG110543	5XYRK4LF5NG109855	

#### NOTICE

**There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected vehicle until it has been repaired pursuant to the procedures set forth in this bulletin.**

#### NOTICE

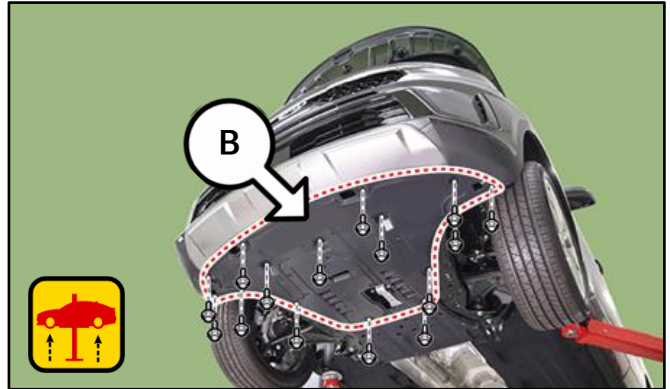
**To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.**

## Replacement Procedure:

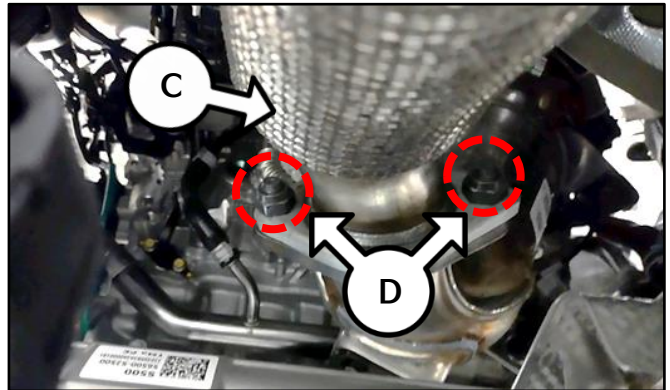
1. Disconnect the negative (-) battery terminal.
2. Remove the engine cover.



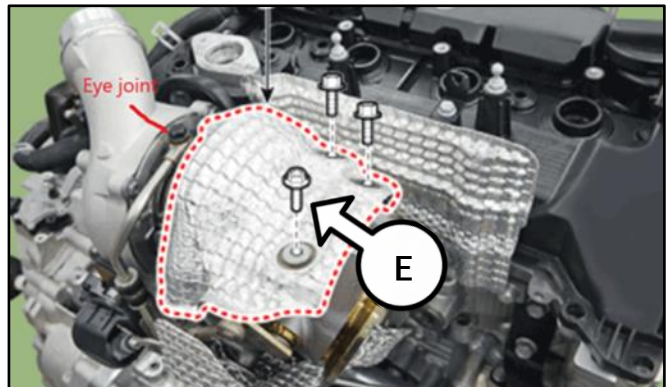
3. Remove the engine room under cover (B).



4. Remove the front muffler (C) mounting nuts (D).



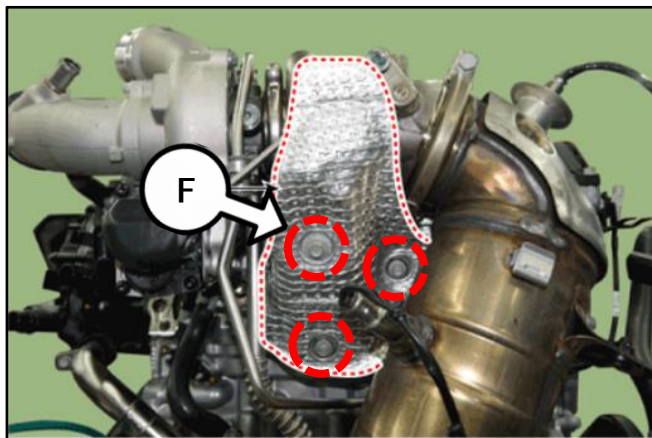
5. Remove the three (3) heat protector retaining bolts (E).



SUBJECT:

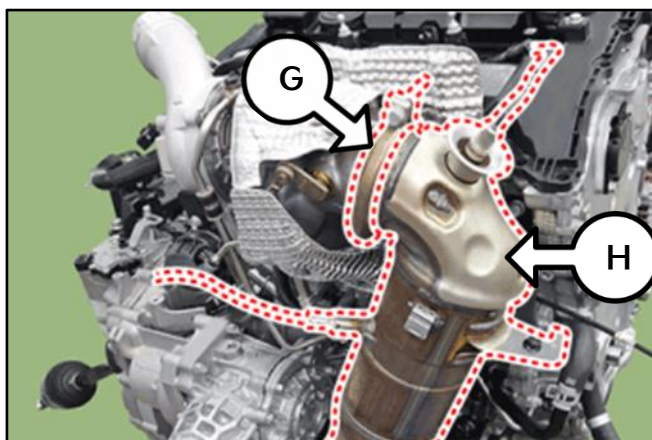
**TURBOCHARGER OIL FEED PIPE REPLACEMENT (SC233)**

6. Remove the three (3) lower heat protector retaining bolts (F).



7. Remove the V-clamp (G) and the Warm-Up Catalytic Converter (WCC) (H).

Additional information is available by referring to the 'Engine Mechanical System → Intake and Exhaust System → Turbo Manifold Modul → Repair procedures' shop manual in KGIS.



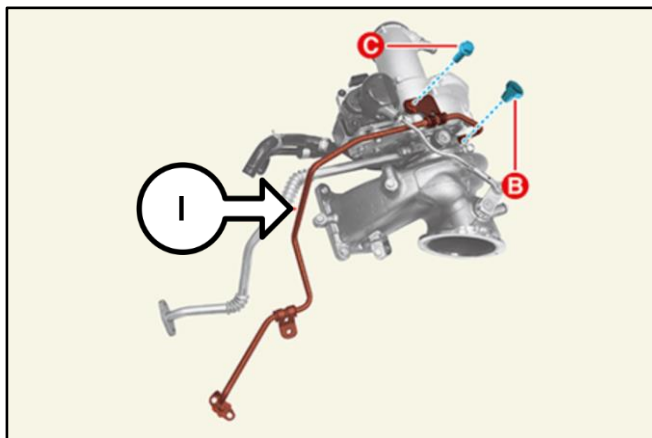
8. Remove the turbocharger oil feed pipe (I).

**Tightening torque specifications:**

Eyebolt - 20.3 - 23.1 lb-ft (27.5 - 31.4 N.m)

Mounting Nut - 7.2 - 8.7 lb.ft (9.8 - 11.8 N.m)

Bracket Bolt: - 7.2 - 8.7 lb.ft (9.8 - 11.8 N.m)



- 9a. Install the new turbocharger oil feed pipe (incl. new copper washer and gasket) and all other removed parts in the reverse order of removal.
- 9b. If the removed turbocharger oil feed tube was leaking due to a crack, ensure to confirm the oil level is topped off. Allows engine to run after installation and confirm no oil leak is present.

**NOTICE**

**Ensure to wipe clean any remaining oil that may have leaked from the turbocharger oil feed pipe areas surrounding parts/components.**

SUBJECT:

**TURBOCHARGER OIL FEED PIPE REPLACEMENT (SC233)****AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Sorento (MQa4)	March 3, 2022 to March 8, 2022.

**REQUIRED PART:**

Part Name	Part Number	Figure	Qty.	Comments
Turbocharger Oil Feed Pipe Assy	28240 2S304	N/A	1	Parts were Auto-Shipped to Dealers
Gasket	17512 10000		2	
Oil Drain Gasket	28246 2T000		1	

**WARRANTY INFORMATION:****N Code: N99 C Code: C99**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	28240 2S304	0	(SC233) Turbocharger Oil Feed Pipe Replacement	221A01RO	1.5 M/H	28240 2S304	1
						17512 10000	2
						28246 2T000	1

When necessary, manually enter sublet code 'X2' for reimbursement of one roundtrip rideshare expense or up to one (1) day of rental for the replacement of the oil feed pipe for retail vehicles only. Attach supporting documentation.

**NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC233 when accessing the WebDCS system.