



GROUP	MODEL
Safety Recall Campaign	2019-2020MY K900 (RJ) and 2018-2023MY Stinger (CK) w/Lambda II 3.3L T-GDI
NUMBER	DATE
SC300 (Rev 2, 6/13/2024)	April 2024

## SAFETY RECALL CAMPAIGN

### LEFT-HAND OIL FEED PIPE AND HOSE ASSEMBLY REPLACEMENT (SC300)

SUBJECT:

#### NOTICE

**This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.**

This bulletin provides information to replace the left-hand (LH) turbocharger oil feed pipe and hose assembly on certain 2019-2020MY K900 (RJ) vehicles produced from August 8, 2018 through August 24, 2020 and 2018-2023MY Stinger (CK) vehicles produced from September 21, 2017 through June 29, 2022, equipped with a Lambda II 3.3L T-GDI engine. Over time, the left-hand (LH) turbocharger oil feed pipe and hose assembly may deteriorate due to exposure to radiant heat from the exhaust manifold. Such deterioration can lead to oil leaks, which in the presence of hot exhaust components, increases the risk of an engine compartment fire while driving. A fire increases the risk of injury. Customers may experience oil leaking, burning smell, white smoke from engine compartment and/or illumination of the engine oil pressure warning light. Follow the procedure outlined in this publication to replace the LH turbocharger oil feed pipe and hose assembly with an improved one on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

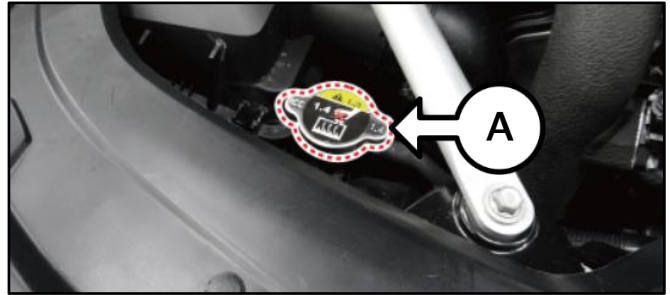
#### NOTICE

**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.**


**Repair status for a VIN is provided on KDealer+ (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on KDealer+ (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.**

**Repair Procedure:**

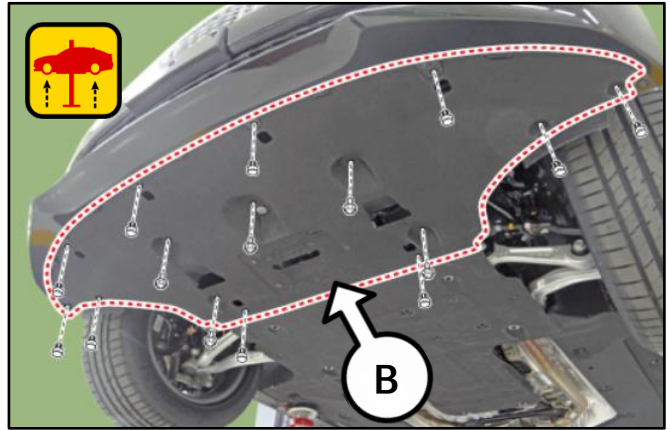
1. Disconnect the negative (-) battery terminal.
2. Remove the Radiator Cap (A).



3. Loosen the bolts to remove the engine room front under cover (B).



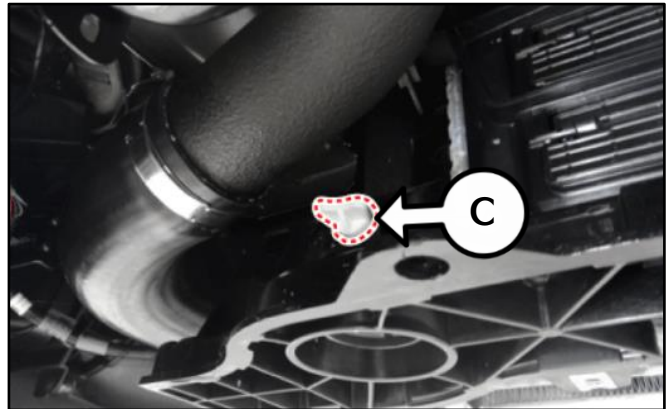
**Tightening torque for bolts:  
5.8 - 8.7 lb.ft (7.8 - 11.8 N.m)**



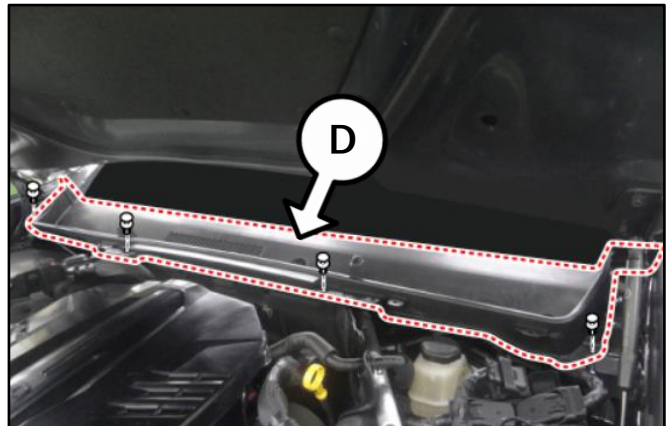
4. Loosen the radiator drain plug (C) and drain coolant.

**ⓘ IMPORTANT**

**DO NOT** mix green and pink coolant. Ensure that vehicles equipped with green coolant are replenished with green coolant and vehicles equipped with pink coolant are replenished with pink coolant.



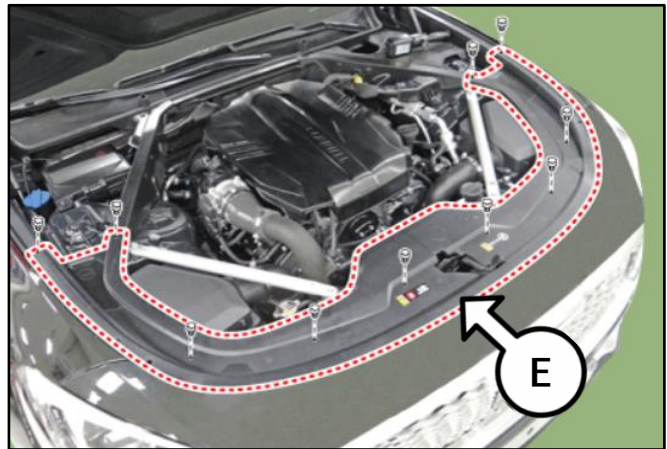
- 5a. Lower the vehicle.
- 5b. Remove the Cowl Top Cover (D) by referring to "Body (Interior and Exterior) → Cowl Top Cover → Repair procedures" in the applicable Shop Manual on KGIS.



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**K900 (RJ) Only:**

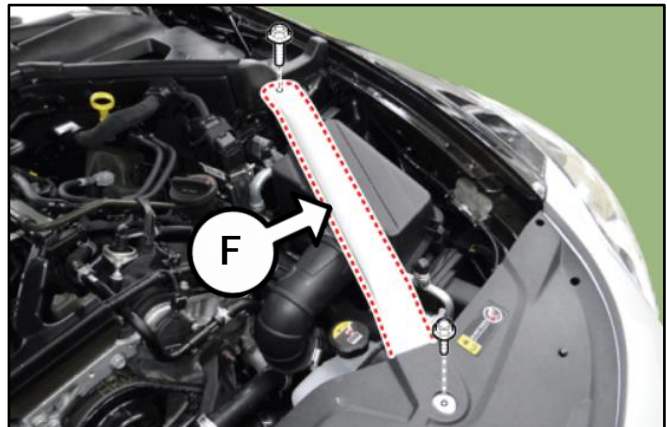
- 6a. Remove the Radiator Grill Upper Cover (E).



- 6b. Loosen the two (2) bolts to remove the lower left-hand (LH) front strut bar (F).



**Tightening torque for bolts:**  
34.0 - 44.8 lb.ft (46.1 - 60.8 N.m)



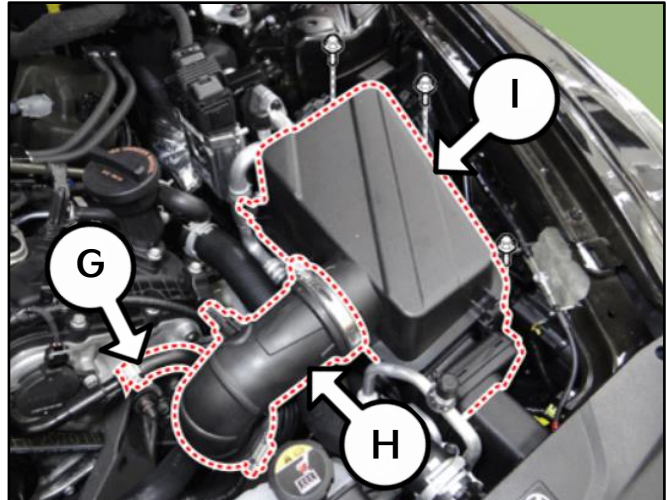
- 7a. Disconnect the LH breather hose (G).

- 7b. Disconnect the LH air intake hose (H).

- 7c. Loosen the three (3) bolts to remove the LH air cleaner assembly (I).



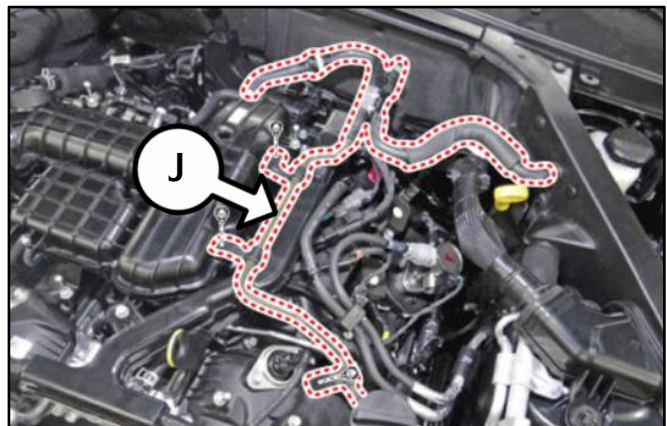
**Tightening torque for bolts:**  
5.8 - 7.2 lb.ft (7.8 - 9.8 N.m)



8. Loosen the four (4) bolts and disconnect hose ends to remove the hose assembly (J).



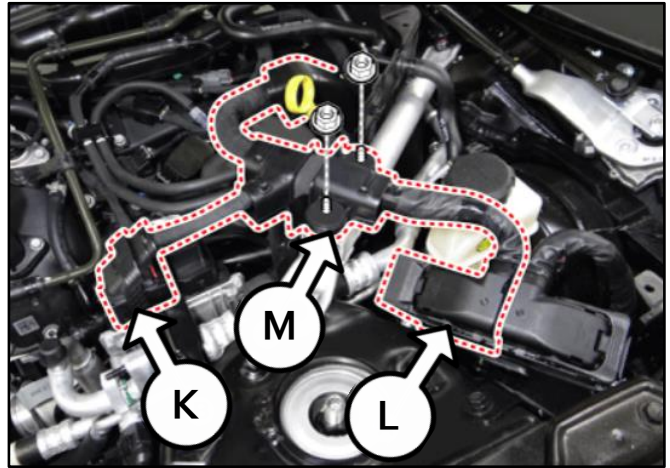
**Tightening torque for bolts:**  
5.8 - 8.7 lb.ft (7.8 - 11.8 N.m)





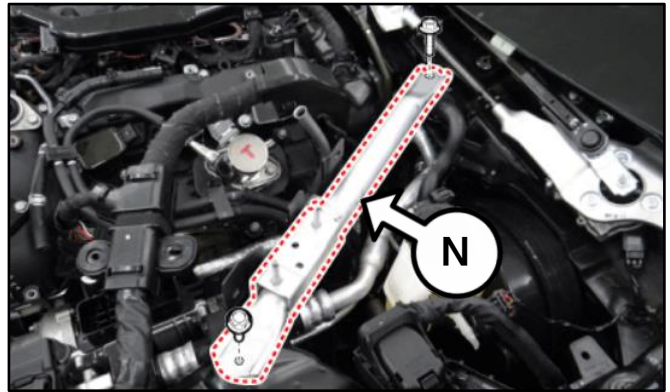
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- 9a. Disconnect the ECM connector (K).
- 9b. Disconnect the Transmission Control Unit (TCU) connector (L).
- 9c. Loosen the two (2) nuts to remove the wiring protector (M).

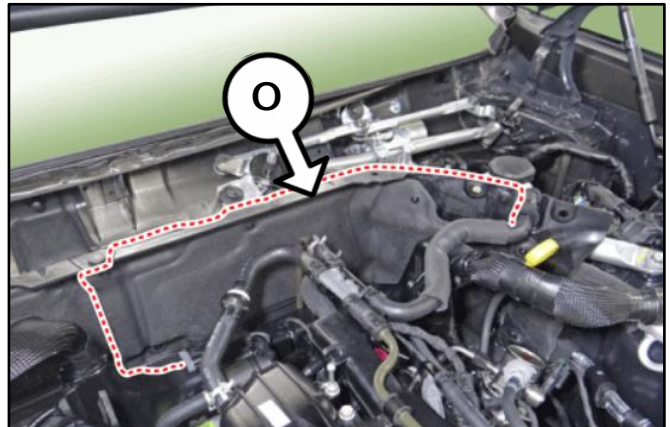


**Tightening torque for nuts:**  
**K900 (RJ)**  
 6.5 - 7.9 lb.ft (8.8 - 10.8 N.m)  
**Stinger (CK)**  
 43.4 - 69.4 in.lb (4.9 - 7.8 N.m)

- 10. Loosen the two (2) bolts to remove the upper LH strut bar (N).



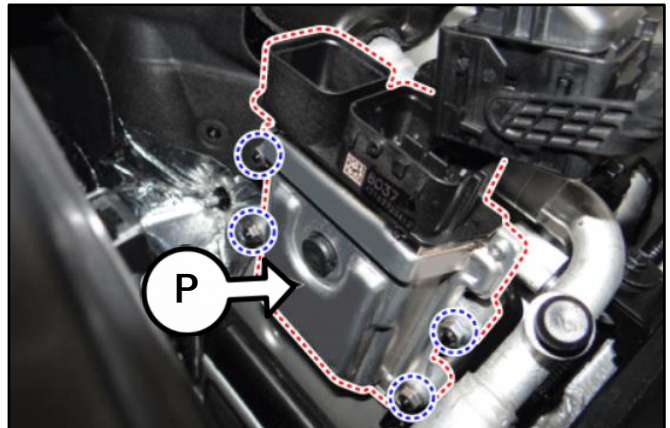
- 11. Remove the LH engine room panel (O).



- 12. Loosen the four (4) nuts to remove the TCU (P).



**Tightening torque for nuts:**  
 7.2 - 8.7 lb.ft (9.8 - 11.8 N.m)

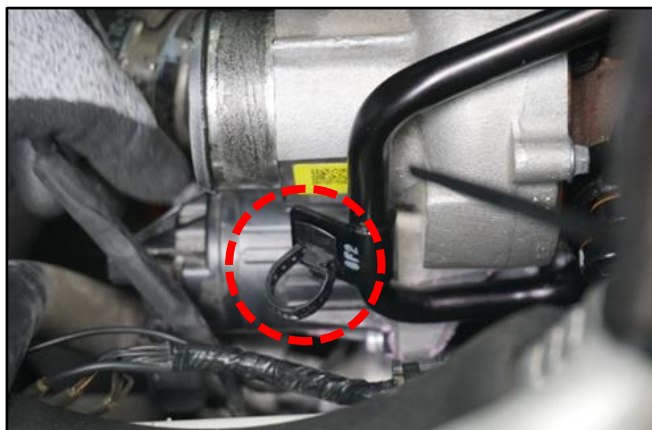


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13. Using a zip-tie, secure the AC line to the vehicle body, as shown.



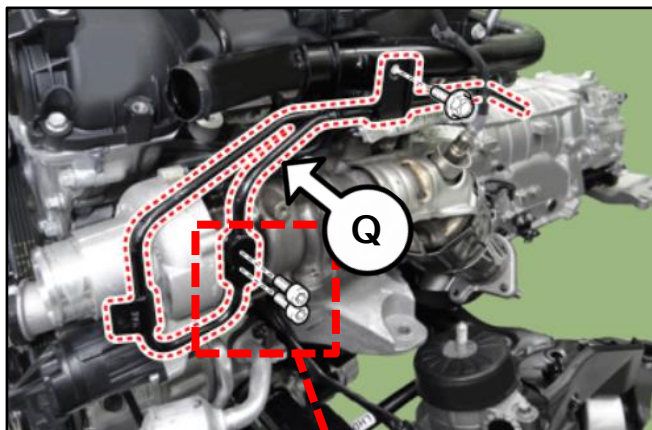
14. Separate the wiring harness from the mounting clip, as shown.



15. Using SST OK282 CK001QQK, loosen the two (2) eye bolts from the turbocharger water pipe (Q).

**ⓘ IMPORTANT**

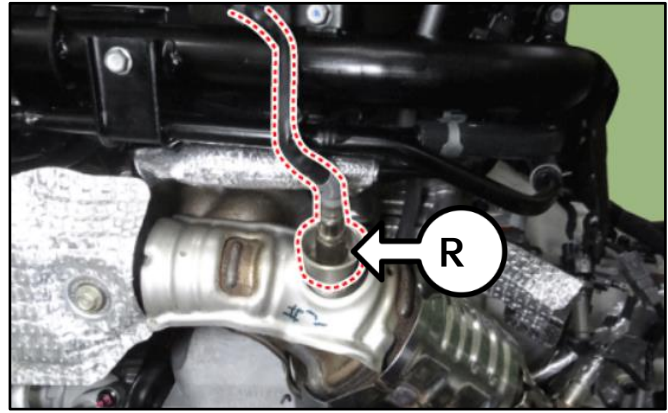
**DO NOT** reuse copper washer.





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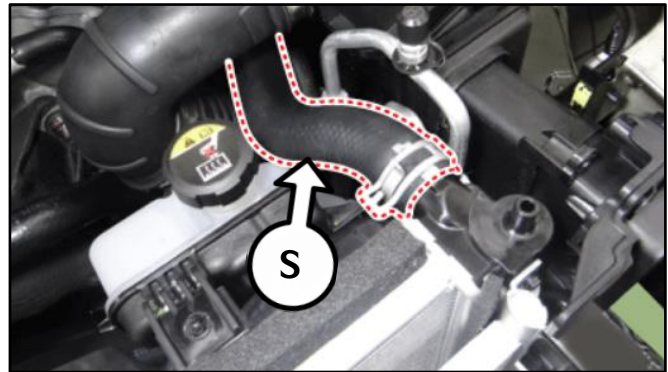
- 16. Using SST 09392 1Y100, loosen to remove the LH oxygen sensor (R).



Note: Engine is removed for illustration purposes only.

- 17. Remove the upper radiator hose (S).

Note: DO NOT reuse the upper radiator hose.



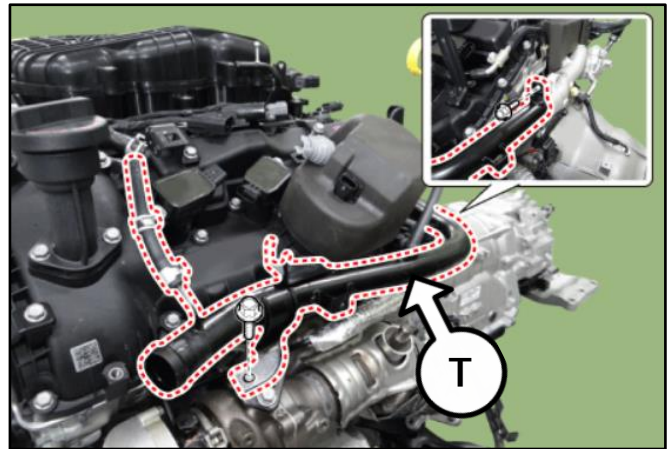
- 18. Loosen the two (2) bolts to remove the water outlet pipe (T).



Tightening torque for bolts:  
18.1 - 21.0 in.lb (24.5 - 28.4 N.m)

**WARNING**

Use caution when removing the rear bolt as sharp objects can cause injury.

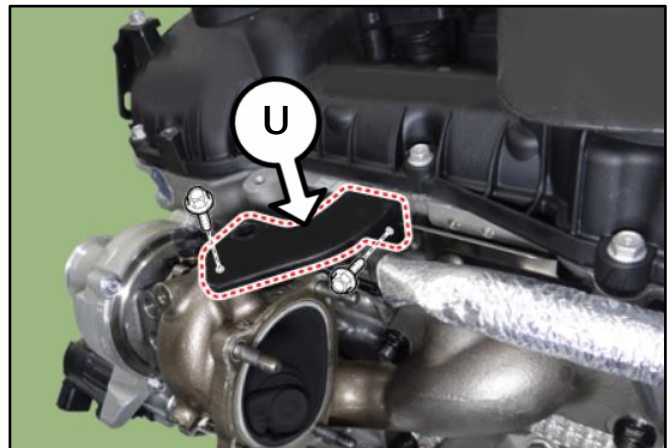


Note: Engine is removed for illustration purposes only.

- 19. Loosen the two (2) bolts to remove the LH turbo manifold module stay (U).



Tightening torque for bolts:  
19.5 - 23.1 lb.ft (26.5 - 31.4 N.m)



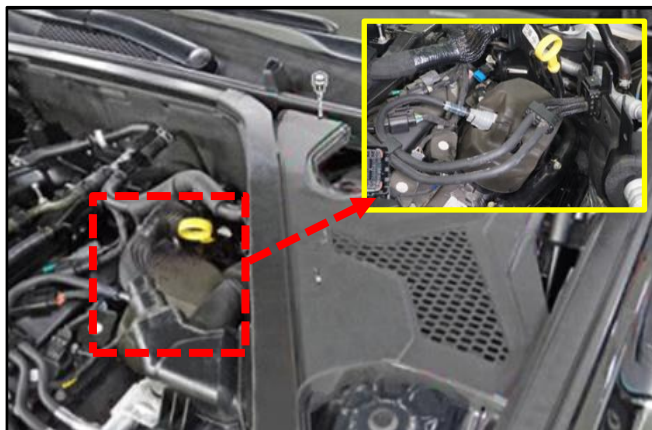
Note: Engine is removed for illustration purposes only.



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20. Remove the foam covering the high pressure fuel pump.

**Note:** The foam has a horizontal split. Spread the foam apart and pull outwards to remove.

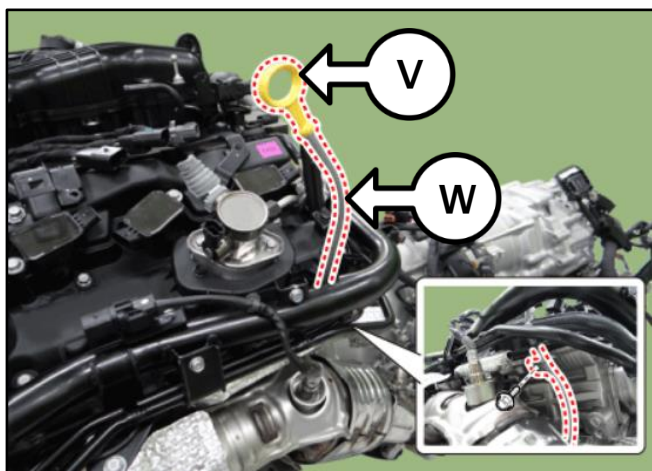


- 21a. Remove the oil level gauge (V).
- 21b. Loosen the bolt to remove the oil level pipe (W).

**Note:** DO NOT reuse bolt and oil level pipe (W).



Tightening torque for bolt:  
13.0 - 15.9 lb.ft (17.7 - 21.6 N.m)

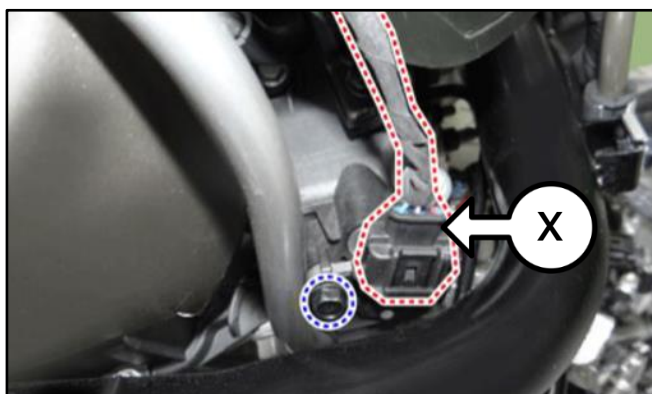


**Note:** Engine is removed for illustration purposes only.

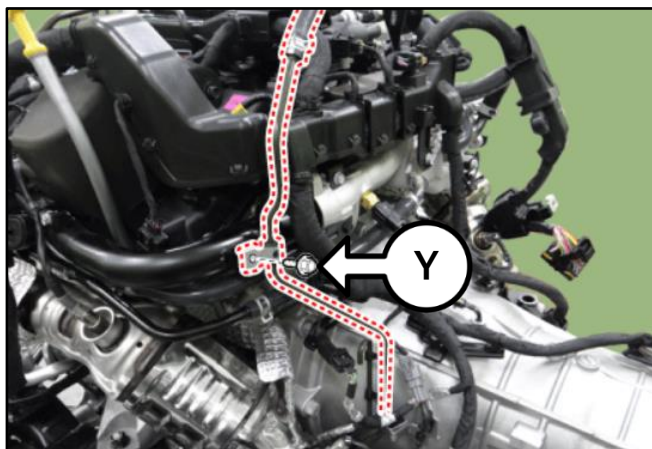
- 22a. Disconnect the bank 2 / exhaust camshaft position sensor connector (X).
- 22b. Loosen the bolt to remove the bank 2 / exhaust camshaft position sensor.



Tightening torque for bolt:  
5.0 - 7.2 lb.ft (6.8 - 9.8 N.m)



23. Loosen the bolt to allow the brake vacuum pipe (Y) to move.



**Note:** Engine is removed for illustration purposes only.



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24. Loosen the wire harness mounting bolt.

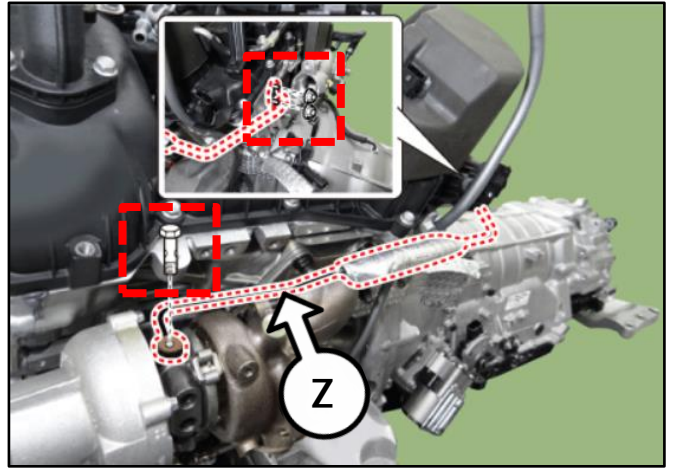


25. Disconnect cylinder #3 ignition coil connector.

26a. Loosen the two (2) oil feed pipe nuts.

26b. Loosen the oil feed pipe eye bolt.

26c. **Replace** the LH oil feed pipe (Z) with the new and improved part.



**Note: DO NOT reuse eye bolt copper gasket and oil feed pipe gasket.**



**Tightening torque for nuts:**  
7.2 - 8.7 lb.ft (9.8 - 11.8 N.m)

**Tightening torque for eye bolt:**  
8.7 - 13.0 lb.ft (11.8 - 17.7 N.m)

*Note: Engine is removed for illustration purposes only.*

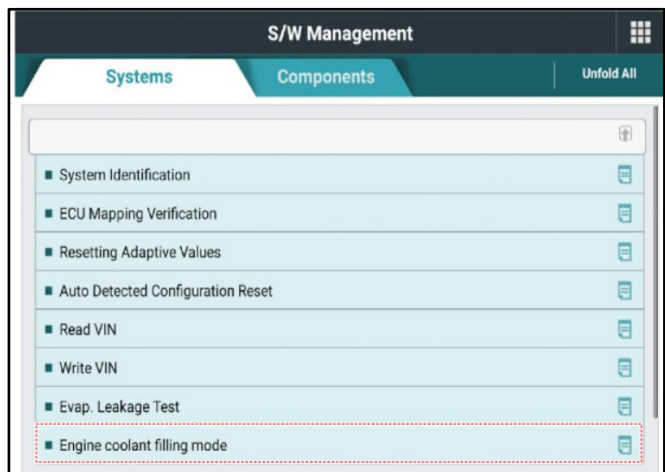
27. Reinstall all removed parts in reverse order of removal.

28. Refill the lost engine oil from LH oil feed pipe and hose assembly leak.  
Refer to KGIS for oil specifications NPNENG5W30

29. Perform the coolant filling and air bleeding procedure by referring to “Engine Mechanical System → Coolant → Repair procedures” in the applicable Shop Manual on KGIS.

**ⓘ IMPORTANT**

**DO NOT mix green and pink coolant. Ensure that vehicles equipped with green coolant are replenished with green coolant and vehicles equipped with pink coolant are replenished with pink coolant.**



30. Confirm normal vehicle operation.





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## AFFECTED VEHICLE RANGE:

Model	Production Date Range
K900 (RJ)	August 8, 2018 to August 24, 2020
Stinger (CK)	September 21, 2017 to June 29, 2022

## REQUIRED TOOL:

Tool Name	Part Number	Figure	Comments
Turbocharger Oil Feed Pipe SST	OK282 CK001QQK		Distributed to Dealers April 5, 2024
Oxygen Sensor Socket	O9392 1Y100		Locally Sourced

## REQUIRED PART:

Model	Part Name	Part Number	Comment	Qty.
K900 (RJ)	Service Kit	28240 3L122QQK	Kit Includes: Oil Feed Pipe Oil Level Gauge Oil Level Gauge Bolt Coolant Feed Pipe Gasket	1
Stinger (CK)	Service Kit	28240 3L121QQK	Oil Feed Pipe Gasket x2 Upper Radiator Hose O-Ring	1
All	Coolant	UM020 CH263	N/A	3 gallons
		UM040 CH012		
	Synthetic Oil	NPNENG5W30	5W30	Up to 3qts

**Note:** The replacement QQK part numbers will require a VIN entry for parts ordering. DO NOT order these parts for stocking purposes, related to this Campaign. Supply is very limited. Until supply stabilizes, please confirm part availability before scheduling customers. Please be sure to expedite warranty claim filing.

## WARRANTY INFORMATION:

**N Code: N99 C Code: C99**

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
RJ	R	28240 3L100	0	(SC300) Oil Feed Pipe and Hose Assembly Replacement	241039RO	3.2 M/H	28240 3L122QQK	1
							NPNENG5W30	Up to 3qts
CK							28240 3L121QQK	1
							NPNENG5W30	Up to 3qts

**Note:** Refer to [Warranty Bulletin 2024-14](#) for claim submission procedures. Manually enter sublet code 'X2' for reimbursement of one roundtrip rideshare expense or up to three (3) days of rental expense, with supporting documentation. **As of June 1, 2024, LTS has been updated to reflect this TSB procedure. Engine removal is not required for Oil Feed Pipe and Hose Assembly replacement.**

 **NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC300** when accessing the KDealer+ system.

