



GROUP	MODEL
Safety Recall Campaign	2023MY Soul (SK3), Sportage (NQ5, NQ5a), and 2023-2024MY Seltos (SP2)
NUMBER	DATE
SC275	September 2023

SAFETY RECALL CAMPAIGN

SUBJECT: ELECTRONIC OIL PUMP (EOP) CONTROLLER REPLACEMENT (SC275)

This bulletin provides information to replace the electronic oil pump (EOP) controller of the transmission on certain 2023MY Soul (SK3), Sportage (NQ5, NQ5a) and 2023-2024MY Seltos (SP2) vehicles (refer to the production dates in the table below). The Multi-Layer Ceramic Capacitor (MLCC) located on the printed circuit board in the controller of the Idle Stop & Go (ISG) EOP for the transmission in the subject vehicles may have been damaged during the manufacturing process. A damaged capacitor can cause an electrical short circuit while driving and may result in thermal damage isolated to the ISG electrical oil pump circuit board, electrical connector, and wiring harness. Thermal damage at the electrical oil pump increases the risk of a fire, thereby increasing the risk of injury. Follow the procedure outlined in this publication to replace the EOP controller in the subject vehicles. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

Model Year	Model	Trans. Type	Production Date
2023	Soul (SK3)	IVT	November 9, 2022 to May 10, 2023
2023	Sportage (NQ5, NQ5a)	8AT	November 2, 2022 to May 30, 2023
2023-2024	Seltos (SP2)	IVT	November 9, 2022 to May 29, 2023

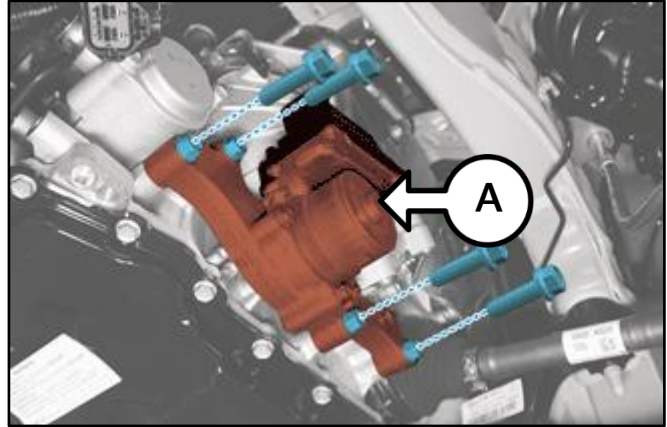
NOTICE

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.

Replacement Procedure: (IVT Type)

- 1a. **Soul (SK3) & Seltos (SP2):**
Remove the EOP assembly (A) by referring to "Intelligent Variable Transmission → Hydraulic System → Electronic Oil Pump → Repair procedures" in the applicable Shop Manual on KGIS.



- 1b. **Note:** Place a container under the vehicle to drain any residual oil when removing the EOP assembly. Take note of the amount drained as the will need to be refilled during reassembly.

ⓘ IMPORTANT

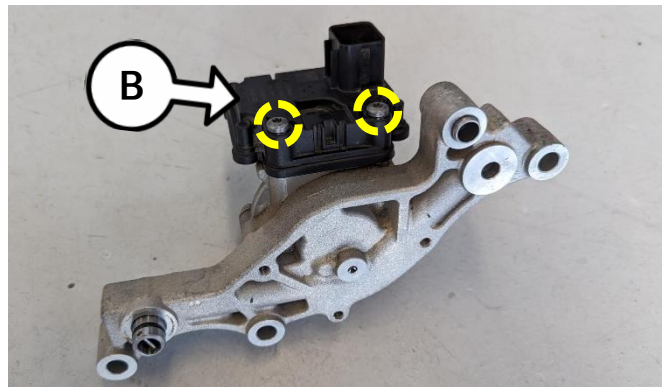
Discard the old fluid after measuring the required refill amount needed.



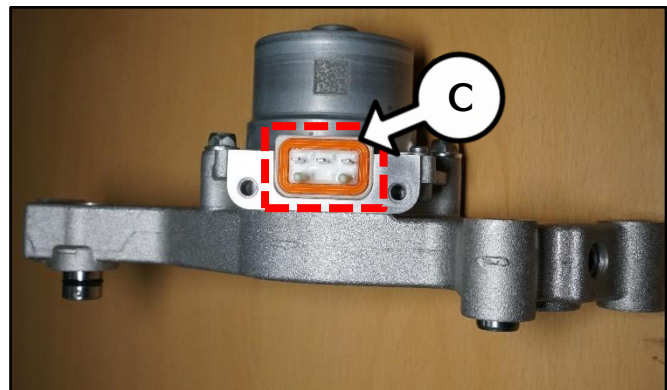
2. Loosen the two (2) EOP controller (B) retaining bolts separate it from the EOP body.



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



- Note:** Be careful not to lose/misplace the orange EOP controller seal (C) from the body.



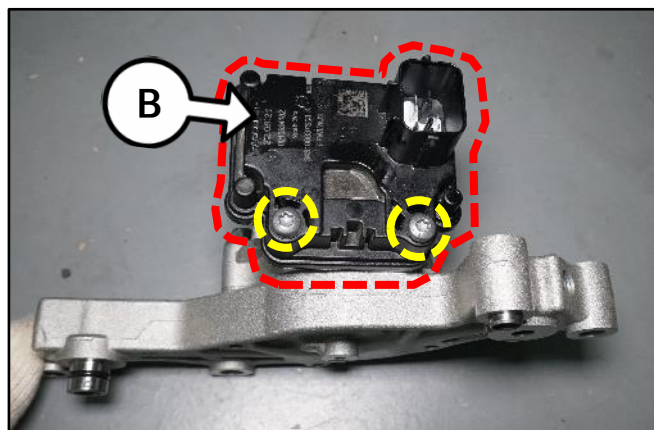
SUBJECT:

EOP CONTROLLER REPLACEMENT (SC275)

3. Replace the EOP controller (B) with the new part and secure it to the existing EOP body using the two retaining bolts.



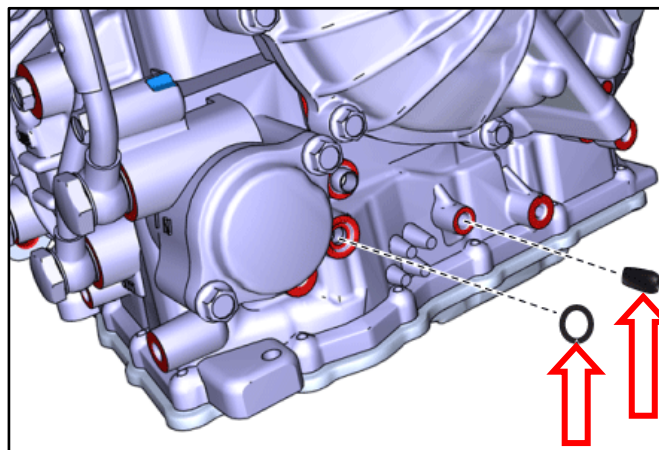
Tightening torque for bolts:
5.8 - 7.2 lb.ft (7.8 - 9.8 N.m)



- 4a. Replace the 'O-ring and 'Seal' shown on the right, on the IVT assembly.

- O-rings (Qty.1)
- Seal (Qty. 1)

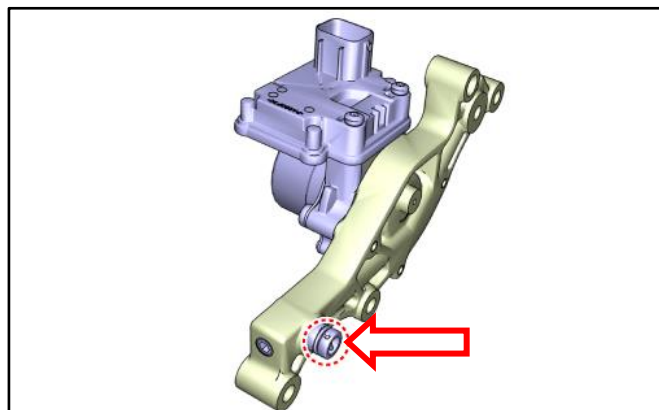
Note: These parts are not reusable.



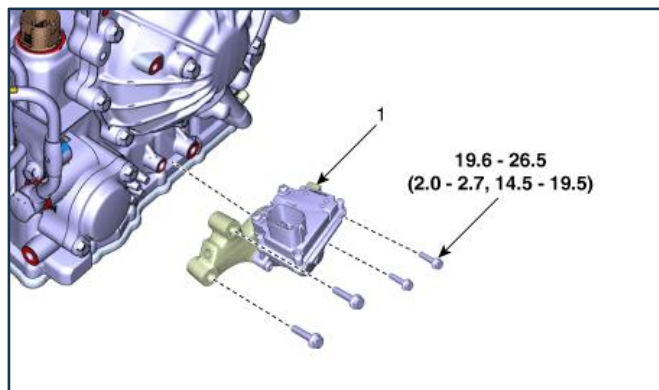
- 4b. Replace the check valve 'O-ring' shown on the right on the EOP body.

- O-rings (Qty.1)

Note: This part are not reusable.



5. Reinstall the EOP assembly in the reverse order of removal. Refer to KGIS for torque specifications.
6. Top-off (refill) any transmission fluid loss during removal from step 1b.
7. Confirm normal vehicle operation.

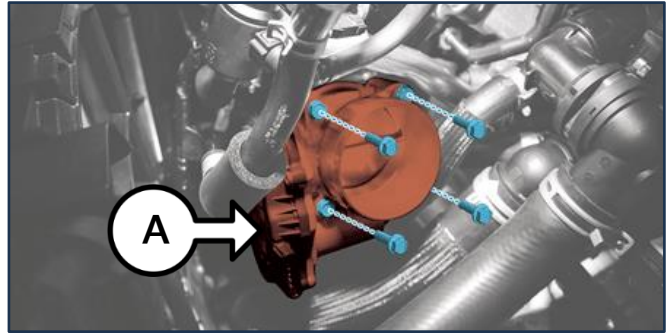


Replacement Procedure: (8AT Type)

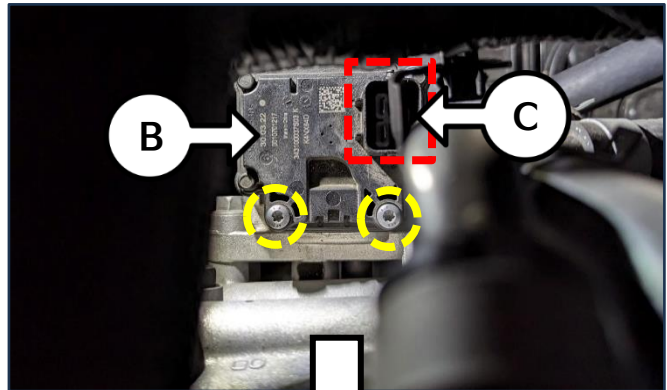
1. Disconnect the negative battery terminal.



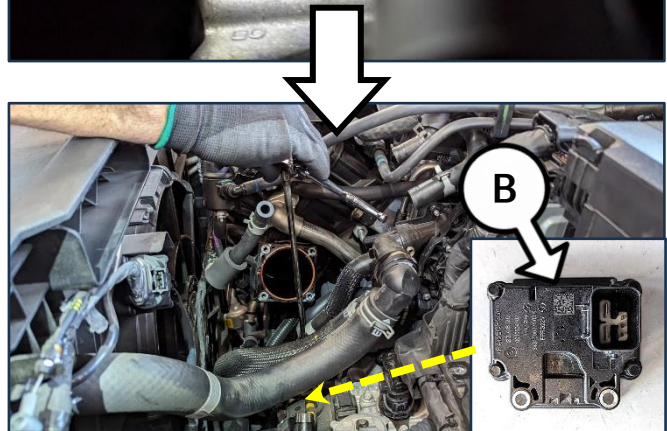
2. Remove the electronic throttle control (ETC) module by referring to "Engine Control / Fuel System → Engine Control System → Electronic Throttle Control (ETC) Module → Removal and Installation" in the applicable Shop Manual on KGIS.



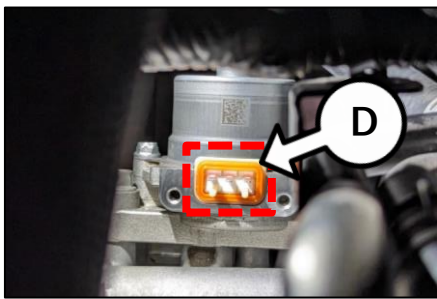
3. Locate the EOP controller (B) and disconnect the connector (C).



4. Loosen the two (2) EOP controller (B) retaining bolts using a long extension.




5. Replace the EOP controller (B) with a new part.



Note: Be careful not to lose/misplace the orange EOP controller seal (D) from the body.

6. Reinstall all removed parts in the reverse order of removal.
7. Confirm normal vehicle operation.






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

SUBJECT:

EOP CONTROLLER REPLACEMENT (SC275)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Soul (SK3)	November 9, 2022 to May 10, 2023
Sportage (NQ5, NQ5a)	November 2, 2022 to May 30, 2023
Seltos (SP2)	November 9, 2022 to May 29, 2023

REQUIRED PART:

Model	Part Name	Part Number	Figure	Qty.
NQ5, NQ5a	EOP Controller (w/8AT)	46110 2FOASQQK		1
SK3, SP2	EOP Controller Kit (w/IVT)	48110 2FOASQQK		1
SK3, SP2	IVT Fluid SP-CVT1	UM018 CH130		1

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.
NQ5a	R	46110 2F600	0	(SC275) EOP Controller Replacement (8AT)	231A33R0	0.5 M/H	46110 2FOASQQK	1
NQ5					231074R0			
SK3, SP2		48110 2H000		(SC275) EOP Controller Replacement (IVT)	231074R1	0.6 M/H	48110 2FOASQQK <u>and</u> UM018 CH130	1

Refer to Warranty Bulletin 2023-31 for claim submission procedures.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC275** when accessing the KDealer+ system.

