



GROUP	MODEL
Safety Recall Campaign	2025MY K4 (CL4m) and Sorento (MQ4a)
NUMBER	DATE
SC349	August 2025

SAFETY RECALL CAMPAIGN

SUBJECT:

ENGINE REPLACEMENT INSTRUCTIONS (SC349)

This bulletin provides information to replace the engine assembly on certain (29) 2025MY K4 (CL4m) vehicles equipped with a 2.0L NU MPI engine, produced from January 15, 2025, through August 1, 2025, and (1) Sorento (MQ4a) vehicle equipped with a 2.5L Theta III T-GDI engine produced on June 2, 2025 (Refer to the applicable VIN list on page 3). The subject vehicles may have been assembled with an engine that may not have had the connecting rod bolt(s) properly torqued by the engine supplier. A connecting rod with an improperly torqued bolt can cause engine damage and/or loss of motive power, increasing the risk of a crash. Follow the procedure outlined in this publication to replace the engine assembly with a new long block on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

Note: NOT ALL vehicles produced within the specific production range are affected by this recall.

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.

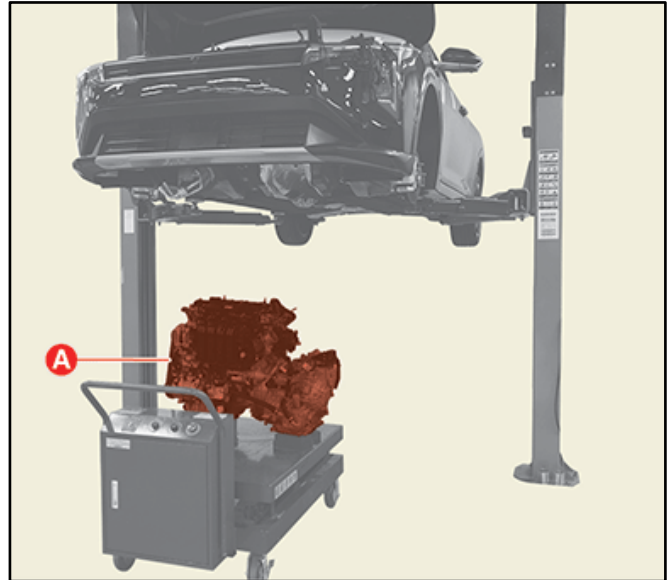
BEST PRACTICES

Refer to TSB ENG190 for information regarding engine replacement. Complete instructions and additional requirements will be included in the removal/installation instructions on KGIS.

Replacement Procedure for K4: (2.0L NU MPI)

- 1a. Replace the engine assembly (A) with a new long block by referring to "Engine Mechanical System → Engine and Transaxle Assembly → Removal/Installation" in the applicable Shop Manual on KGIS.

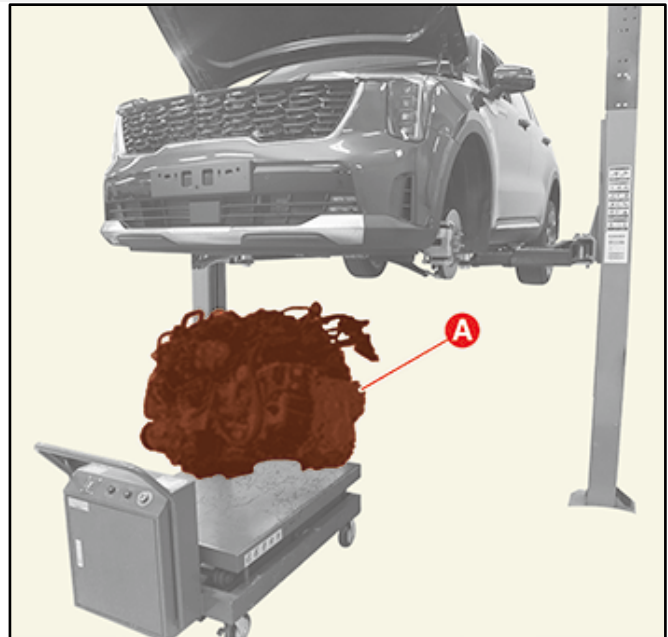
Note: Refer to the 'Parts Table' on page 4 for replacement parts related to the engine transfer of components.



Replacement Procedure for Sorento: (2.5L THETA III T-GDI)

- 1b. Replace the engine assembly (A) with a new long block by referring to "Engine Mechanical System → Engine and Transaxle Assembly → Removal/Installation" in the applicable Shop Manual on KGIS.

Note: Refer to the 'Parts Table' on page 5 for replacement parts related to the engine transfer of components.



2. Verify normal vehicle operation.

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AFFECTED VEHICLE RANGE:

Model	Production Date Range
K4 (CL4m)	January 15, 2025, to August 1, 2025
Sorento (MQ4a)	June 2, 2025

Year	Model	VIN
2025	Sorento (MQ4a)	5XYRKDJF5SG396841
2025	K4 (CL4)	3KPFT4DE7SE088859
2025	K4 (CL4)	3KPFU4DE1SE191143
2025	K4 (CL4)	3KPFT4DE2SE170269
2025	K4 (CL4)	3KPFT4DE2SE170336
2025	K4 (CL4)	3KPFU4DE9SE170458
2025	K4 (CL4)	3KPFT4DE9SE169796
2025	K4 (CL4)	3KPFT4DE1SE170814
2025	K4 (CL4)	3KPFT4DEXSE165689
2025	K4 (CL4)	3KPFW4DE7SE160375
2025	K4 (CL4)	3KPFT4DEXSE111731
2025	K4 (CL4)	3KPFT4DE7SE104459
2025	K4 (CL4)	3KPFT4DE1SE104618
2025	K4 (CL4)	3KPFT4DE6SE103805
2025	K4 (CL4)	3KPFT4DEXSE104083
2025	K4 (CL4)	3KPFT4DE1SE102948
2025	K4 (CL4)	3KPFT4DE9SE101109
2025	K4 (CL4)	3KPFW4DEXSE101806
2025	K4 (CL4)	3KPFT4DE5SE101883
2025	K4 (CL4)	3KPFT4DE8SE102574
2025	K4 (CL4)	3KPFT4DE2SE100710
2025	K4 (CL4)	3KPFT4DE4SE101745
2025	K4 (CL4)	3KPFT4DE1SE101055
2025	K4 (CL4)	3KPFT4DE9SE099622
2025	K4 (CL4)	3KPFW4DE4SE099101
2025	K4 (CL4)	3KPFT4DE3SE099129
2025	K4 (CL4)	3KPFT4DE9SE099085
2025	K4 (CL4)	3KPFT4DE3SE094562
2025	K4 (CL4)	3KPFT4DE3SE094822
2025	K4 (CL4)	3KPFT4DE4SE093694



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REQUIRED PART: K4 (2.0L NU MPI)

Part Name	Part Number	Figure	Qty.
Engine Assy	84HM1 2JK00	N/A	1
Exhaust Pipe Gasket	28751 1M100		1
Bolt	56415 L1000		1
Castle Nut	49551 3X000		2
Roll Rod Bolt	21991 1J100		1
Gasket - Exhaust Manifold	28521 2J000		1
Gasket - EGR	28314 2J300		1
Gasket - EGR Cooler	28495 2J000		1
Gasket - PCV	28313 2J301		1
Injector O-ring	35312 22000		8
Gasket - Throttle Body	28312 2J300		1
Gasket - Port FKM	28313 2J300		3
Pin	57799 4D200		2
Nut-Self Locking	10225 10007K		2
Transaxle Bolt	21991 M6000		2
Gasket - Water Pump	25124 2J400		1
Gasket - EGR Pipe	28492 2J000		2
Nut (Flange)	10226 08007K		5
Filter Module Assy - OIL	263A0 2J350		1
RR Seal Oil	21443 2J000		1
Bolt-Drive Plate	23311 2J010		8
ITM Gasket	25623 2J200		1
Oil OW20 (Total or Mobil 1)	T0020 QRT12B		5.18 Quarts
	UM050 CH033		
Coolant Pink (Gallon)	UM020 CH263		1.6



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REQUIRED PART: SORENTO (2.5L THETA III T-GDI)

Part Name	Part Number	Figure	Qty.
Engine Assy	24HS1 2SK00	N/A	1
Exhaust Pipe Gasket	28751 3S100		1
Steering U-Bolt	56415 L1000		1
Prop-Shaft Bolts (AWD)	11435 10256K		7
Castle Nut	49551 4T000		2
Roll Rod Bolt	11435 12006KA		1
Bolt-Flywheel	23231 25200		8
Gasket-Exhaust Manifold	28521 2T000		1
Gasket-Catalyst Case	28535 2T200		1
Gasket	28246 2G430		2
Gasket	28246 2S300		1
Gasket - Oil Drain	28246 2T000		1
Tip Seal-Injector	35313 2T000		4
Gasket - ECT	28312 2T000		1
Gasket - Port	28313 2T000		1
High Pressure Pipe	35305 2S210		1
Split Pin (Outer Tie Rod to Spindle)	57799 4D200		2
Lock Nut (Outer Tie Rod to Spindle)	55259 2M000		2
Oil Filter Housing Gasket	26333 2S000		1
Oil Filter Housing Gasket	26335 2S000		1
ITM Gasket	25623 2S600		1
O-ring	25462 2S000		1
Rear Oil Seal	21443 2J000		1
Water Pump Gasket	25130 2S000		1
O-ring	25462 2S500		1
Clamp	28902 2T200		1
MPI Injector O-Ring	35312 22000		4
MPI Injector O-Ring	28246 2G430		4
Front Driveshaft Retainer Clip	49557 P2000		2
Oil OW-30 (Total or Mobil 1)	T0030 LTR12B		6.8 Liters
	UM017 CH071		7.2 Quarts
Coolant Pink (Gallon)	UM020 CH263		2.2

SUBJECT: **ENGINE REPLACEMENT INSTRUCTIONS (SC349)**

WARRANTY INFORMATION: (K4)

N Code: N99 C Code: C99

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
CL4MD	R	23510 2J000	0	(SC349) Engine Long Block Replacement	251M12R0	6.2 M/H	84HM1 2JK00	1
							28751 1M100	1
							56415 L1000	1
							49551 3X000	2
							21991 1J100	1
							28521 2J000	1
							28314 2J300	1
							28495 2J000	1
							28313 2J301	1
							35312 22000	8
							28312 2J300	1
							28313 2J300	3
							57799 4D200	2
							10225 10007K	2
							21991 M6000	2
							25124 2J400	1
							28492 2J000	2
							10226 08007K	5
							263A0 2J350	1
							21443 2J000	1
23311 2J010	8							
25623 2J200	1							
T0020 QRT12B or UM050 CH033	6							
UM020 CH263	2							

Refer to Warranty Bulletin 2025-21 for claim submission procedures. When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense. Make sure to submit any substitute transportation claim at the time of the warranty expense. Kia retailers should reference SC349 when accessing the KDealer+ system.

Oil reimbursement:

K4: manually enter part number T0020 QRT12B or UM050 CH033.



SUBJECT:

ENGINE REPLACEMENT INSTRUCTIONS (SC349)

WARRANTY INFORMATION: (SORENTO)

N Code: N99 C Code: C99

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
MQ4AC	R	23510 2T020	0	(SC349) Engine Long Block Replacement	250A43RO	7.7 M/H	24HS1 2SK00	1
							28751 3S100	1
							56415 L1000	1
							11435 10256K	7
							49551 4T000	2
							11435 12006KA	1
							23231 25200	8
							28521 2T000	1
							28535 2T200	1
							28246 2G430	2
							28246 2S300	1
							28246 2T000	1
							35313 2T000	4
							28312 2T000	1
							28313 2T000	1
							35305 2S210	1
							57799 4D200	2
							55259 2M000	2
							26333 2S000	1
							26335 2S000	1
							25623 2S600	1
							25462 2S000	1
							21443 2J000	1
							25130 2S000	1
25462 2S500	1							
28902 2T200	1							
35312 22000	4							
28246 2G430	4							
49557 P2000	2							
T0030 LTR12B or UM017 CH071	7 or 8							
UM020 CH263	3							

Refer to Warranty Bulletin 2025-21 for claim submission procedures. When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense. Make sure to submit any substitute transportation claim at the time of the warranty expense. Kia retailers should reference SC349 when accessing the KDealer+ system.

Oil reimbursement:

Sorento: manually enter part number T0030 LTR12B or UM017 CH071.

