



GROUP	MODEL
Voluntary Service Campaign	2025MY Sorento (MQ4a) 2.5L Theta III T-GDI
NUMBER	DATE
SC353	November 2025

VOLUNTARY SERVICE CAMPAIGN

SUBJECT: ENGINE REPLACEMENT FOR COOLANT LEAK (SC353)

This bulletin provides information to address an engine coolant leak concern on certain 2025MY Sorento (MQ4a) vehicles equipped with a 2.5L Theta III T-GDI engine produced from December 18, 2024 through February 24, 2025 (see the list of 11 affected VINs below). The engine block in the subject vehicles may have a fracture, which can result in a coolant leak. Over time, continuing to operate the vehicle with this condition may result in an 'Engine Overheated' warning message displayed on the instrument cluster and cause damage to the vehicle's engine. Follow the procedure outlined in this publication to replace the engine long block on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

Affected VINs
5XYRH4JF8SG359443
5XYRKDJF1SG361665
5XYRKDJF1SG361682
5XYRHDJF5SG362123
5XYRHDJF9SG361976
5XYRKDJF3SG362669
5XYRHDJF5SG362994
5XYRHDJF2SG366307
5XYRHDJF4SG366390
5XYRHDJF8SG366439
5XYRKDJF0SG375931

NOTICE

There is no charge to the vehicle owner for this repair.

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.

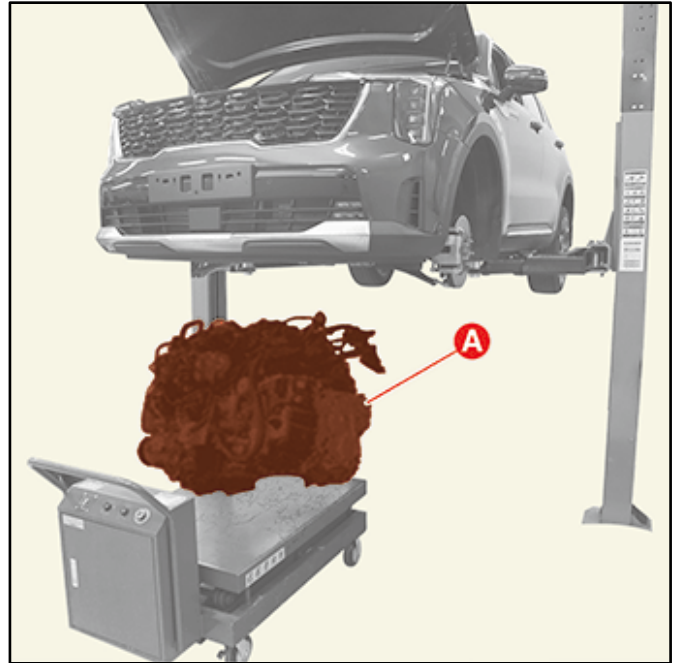
BEST PRACTICES

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:

1. 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 3 for replacement parts related to the engine transfer of components.



2. Verify normal vehicle operation.

SUBJECT:

ENGINE REPLACEMENT FOR COOLANT LEAK (SC353)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Sorento (MQ4a)	December 18, 2024 to February 24, 2025

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Engine Assy	13HT0 2SK00QQK	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 4T000QQK		2
Roll Rod Bolt	11435 12006KA		1
Bolt-Flywheel	23231 25200		6
Gasket-Exhaust Manifold	28521 2T000		1
Gasket-Catalyst Case	28535 2T200		1
Gasket	28246 2G430		1
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		4
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
O-ring	25462 2S500		1
Clamp	28902 2T200		1
MPI Injector O-Ring	35312 22000		4
MPI Injector O-Ring	35312 2M000		4
Front Driveshaft Retainer Clip	49557 P2000		2
Oil OW-30 (Total <u>or</u> Mobil 1)	T0030 LTR12B		6.8 Liters
	UM017 CH071		7.2 Quarts
Coolant Pink (Gallon)	UM020 CH263		2.2

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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.
MQ4A	R	23510 2T020	0	(SC353) Replace Engine (2WD)	250A16R0	7.3 M/H	13HT0 2SK00QQK	1
							28751 3S100	1
							56415 L1000	1
							49551 4T000QQK	2
							11435 12006KA	1
							23231 25200	6
							28521 2T000	1
							28535 2T200	1
							28246 2G430	1
							28246 2S300	1
							28246 2T000	1
							35313 2T000	4
							28312 2T000	1
							28313 2T000	4
							35305 2S210	1
							57799 4D200	2
							55259 2M000	2
							26333 2S000	1
							26335 2S000	1
							25623 2S600	1
							25462 2S000	1
							25462 2S500	1
28902 2T200	1							
35312 22000	4							
35312 2M000	4							
49557 P2000	2							
T0030 LTR12B or UM017 CH071	8 Qts.							
UM020 CH263	3							



SUBJECT:

ENGINE REPLACEMENT FOR COOLANT LEAK (SC353)

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
MQ4A	R	23510 2T020	0	(SC353) Replace Engine (AWD)	250A16R1	7.7 M/H	13HT0 2SK00QQK	1
							28751 3S100	1
							56415 L1000	1
							11435 10256K	7
							49551 4T000QQK	2
							11435 12006KA	1
							23231 25200	6
							28521 2T000	1
							28535 2T200	1
							28246 2G430	1
							28246 2S300	1
							28246 2T000	1
							35313 2T000	4
							28312 2T000	1
							28313 2T000	4
							35305 2S210	1
							57799 4D200	2
							55259 2M000	2
							26333 2S000	1
							26335 2S000	1
							25623 2S600	1
							25462 2S000	1
							25462 2S500	1
28902 2T200	1							
35312 22000	4							
35312 2M000	4							
49557 P2000	2							
T0030 LTR12B or UM017 CH071	8 Qts.							
UM020 CH263	3							

Refer to Warranty Bulletin 2025-26 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.

Oil reimbursement: manually enter part number T0030 LTR12B or UM017 CH071.

 **NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC353 when accessing the KDealer+ system.

