



GROUP	MODEL
Voluntary Emissions Service Campaign	2021-2024MY K5 (DL3a) w/1.6L T-GDI
NUMBER	DATE
SC288 (Rev 6, 06/16/2025)	April 2024

## VOLUNTARY EMISSIONS SERVICE CAMPAIGN

### FUEL TANK AND/OR PCSV CHECK VALVE

Subject:

### INSPECTION/REPLACEMENT + ECU SW UPGRADE (SC288/SC288A)

#### NOTICE

**This bulletin has been revised to include a final for action. New/revised sections of this bulletin are indicated by a black bar.**

This bulletin provides information on inspecting the fuel evaporative system and, if necessary, replace the fuel tank and/or the Purge Solenoid Valve (PCSV) check valve on certain 2021-2024MY K5 (DL3a) vehicles equipped with 1.6L T-GDI engine, produced from January 23, 2020 through January 23, 2024. This bulletin provides information to upgrade the software. The subject vehicles may experience fuel tank issues such as an issue with the fuel gauge which results in inaccurate fuel level, fuel flow into the fuel tank may cause the Check Engine Light to illuminate, and in some cases, the engine may run rough, and/or an inability to refuel. The PCSV may cause the vehicle to emit a pollutant which exceed Federal and California standards.

Follow the procedure outlined in this publication to inspect the fuel evaporative system and, if necessary, replace the fuel tank and/or the PCSV. When conducting the procedure, verify that the vehicle is included in the list of affected vehicles.

#### NOTICE

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.

SUBJECT:

## FUEL TANK AND/OR PCSV CHECK VALVE INSPECTION/REPLACEMENT + ECU SW UPGRADE (SC288/SC288A)

### REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Campaign Completion Label	UT160 SC288		1
Vehicle Emissions Recall Proof of Correction Card	UT161 SC288		1
PCSV Check Valve Assy	28918 2M431QQK		1

**Note:** The replacement part number **28918 2M431QQK** will require a VIN entry for parts ordering. **DO NOT** order this part 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.

Part Name	Part Number (FWD)	Part Number (AWD)	Qty.
Fuel Tank	31150 L0600 (56L/15 Gal.) 31150 L0000 (60L/16 Gal.)	31150 L3600 (60L/16 Gal.)	1
Fuel Tank Heat Protector	31220 L1000	31220 L3600	1
Fuel Tank Band (LH)	31210 L1000	31210 L3600	1
Fuel Tank Band (RH)	31211 L1000	31211 L3600	1
Rear Muffler Gasket	28751 2T000		1
Fuel Pump Service Cover	31107 L1000		1
Fuel Pump Packing	31115 OW000		1
Fuel Tank Pads	31101 L1100	31101 L3600	2
	31101 C1000		5
	31101 L1000	31101 L1000	2
	31101 3X000		1
		31101 C8000	8
Ring Lock		31152 OW000	1
Propeller Shaft Bolts		11435 10256K	1

SUBJECT:

## FUEL TANK AND/OR PCSV CHECK VALVE INSPECTION/REPLACEMENT + ECU SW UPGRADE (SC288/SC288A)

### WARRANTY INFORMATION: (SC288)

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

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	59133 2H000	0	(SC288) PCSV Inspection (OK) + ECU SW Upgrade (FWD/AWD)	240A03I2	0.5 M/H	N/A	1
			(SC288) PCSV Inspection (NG) + PCSV Replacement + Fuel Tank Band Inspection (OK) + ECU SW Upgrade (FWD)	240A03RG	0.9 M/H	28918 2M431QQK	1
			(SC288) PCSV Inspection (NG) + PCSV Replacement + Fuel Tank Band Inspection (OK) + ECU SW Upgrade (AWD)	240A03RH	1.0 M/H	28918 2M431QQK	1

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### 📄 NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC288 when accessing the KDealer+ system.



SUBJECT: **FUEL TANK AND/OR PCSV CHECK VALVE  
INSPECTION/REPLACEMENT + ECU SW UPGRADE (SC288/SC288A)**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	59133 2H000	0	(SC288) PCSV Inspection (NG) + PSCV Replacement + Fuel Tank Band Inspection (NG) + Service Cover Inspection (OK)+ Tank Replacement + ECU SW Upgrade (FWD)	240A03RJ*	2.1 M/H	28918 2M431QQK	1
						31150 L0600	1
						or	
						31150 L0000	
						31220 L1000	1
						31210 L1000	1
						31211 L1000	1
						28751 2T000	1
						31107 L1000	1
						31115 OW000	1
						31101 L1100	2
						31101 C1000	5
						31101 L1000	2
						31101 3X000	1
		0	(SC288) PCSV Inspection (NG) + PSCV Replacement + Fuel Tank Band Inspection (NG) + Service Cover Inspection (OK)+ Tank Replacement + ECU SW Upgrade (AWD)	240A03RK*	2.3 M/H	28918 2M431QQK	1
						31150 L3600	1
						31220 L3600	1
						31210 L3600	1
						31211 L3600	1
						28751 2T000	1
						31107 L1000	1
						31115 OW000	1
						31101 L3600	2
						31101 L1000	2
		0	(SC288) PCSV Inspection (NG) + Fuel Tank Band & Service Cover Inspection (NG) (Techline RA Open Required) (FWD)	240A03RL*	0.6 M/H	N/A	0
		0	(SC288) PCSV Inspection (NG) + Fuel Tank Band & Service Cover Inspection (NG) (Techline RA Open Required) (AWD)	240A03RM*	0.7 M/H	N/A	0

**Note:** Refer to [Warranty Bulletin 2024-27](#) for claim submission procedures. When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense. \*A photo of the 'NG' condition, as described in this TSB MUST be attached to the claim using Warranty Claim Attachment Type 'XX - Other' for LOP 240A03RJ, 240A03RK, 240A03RL and 240A03RM.

**NOTICE**

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SUBJECT:

**FUEL TANK AND/OR PCSV CHECK VALVE  
INSPECTION/REPLACEMENT + ECU SW UPGRADE (SC288/SC288A)**

**SC288A VIN POPULATION: FOR VEHICLES RETURNING FOR RE-INSPECTION AND UPDATED SOFTWARE UPGRADE, REFER TO THE TABLES ON PAGES 19-20.**

**(Vehicles previously upgraded with the older software Event #706 must be updated to Event #792 after completing the re-inspection. Follow the flowchart on page 2).**

**WARRANTY INFORMATION: (SC288A)**

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

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	59133 2H000	0	(SC288A) PCSV Inspection (OK) + ECU SW Upgrade (FWD/AWD)	250A33IO	0.5 M/H	N/A	1
			(SC288A) PCSV Inspection (NG) + PCSV Replacement + Fuel Tank Band Inspection (OK) + ECU SW Upgrade (FWD)	250A33RO	0.9 M/H	28918 2M431QQK	1
			(SC288A) PCSV Inspection (NG) + PCSV Replacement + Fuel Tank Band Inspection (OK) + ECU SW Upgrade (AWD)	250A33R1	1.0 M/H	28918 2M431QQK	1

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SUBJECT: **FUEL TANK AND/OR PCSV CHECK VALVE  
INSPECTION/REPLACEMENT + ECU SW UPGRADE (SC288/SC288A)**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	59133 2H000	0	(SC288A) PCSV Inspection (NG) + PSCV Replacement + Fuel Tank Band Inspection (NG) + Service Cover Inspection (OK)+ Tank Replacement + ECU SW Upgrade (FWD)	250A33R2	2.1 M/H	28918 2M431QQK	1
						31150 L0600	1
						or	
						31150 L0000	
						31220 L1000	1
						31210 L1000	1
						31211 L1000	1
						28751 2T000	1
						31107 L1000	1
						31115 OW000	1
						31101 L1100	2
						31101 C1000	5
						31101 L1000	2
						31101 3X000	1
R	59133 2H000	0	(SC288A) PCSV Inspection (NG) + PSCV Replacement + Fuel Tank Band Inspection (NG) + Service Cover Inspection (OK)+ Tank Replacement + ECU SW Upgrade (AWD)	250A33R3	2.3 M/H	28918 2M431QQK	1
						31150 L3600	1
						31220 L3600	1
						31210 L3600	1
						31211 L3600	1
						28751 2T000	1
						31107 L1000	1
						31115 OW000	1
						31101 L3600	2
						31101 L1000	2
						31101 C8000	8
						31152 OW000	1
						11435 10256K	1
						R	59133 2H000
(SC288A) PCSV Inspection (NG) + Fuel Tank Band & Service Cover Inspection (NG) (Techline RA Open Required) (AWD)	250A33R5	0.7 M/H	N/A	0			

**Note:** Refer to [Warranty Bulletin 2024-27](#) for claim submission procedures. When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense. \*A photo of the 'NG' condition, as described in this TSB MUST be attached to the claim using Warranty Claim Attachment Type 'XX - Other' for LOP 250A33R2, 250A33R3, 250A33R4 and 250A33R5.

**NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC288A** when accessing the KDealer+ system.

