



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V794

Manufacturer Name: Kia America, Inc.

Submission Date: Nov 17, 2025

NHTSA Recall No.: 25V794

Manufacturer Recall No.: SC356

Manufacturer Information

Population

Manufacturer Name: Kia America, Inc.

Address: 111 Peters Canyon Road
Irvine CA, 92606

Total number of potentially involved: 250,547

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2021-2024 KIA K5

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Mar 27, 2020 - Jan 23, 2024

Number of potentially involved: 250,547

Descriptive Information:

All 2021 through 2024 model year Kia K5 vehicles manufactured at Kia Georgia from March 27, 2020 through January 23, 2024 equipped with a 1.6L Turbocharged Gasoline Direct Injection (T-GDI) engine.

The recall population was determined by a review of Kia vehicle production records. The vehicles subject to this recall were not produced in VIN order. Customers seeking information about their specific vehicle will be referred to Kia's Customer Care Center or their Kia dealer.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The purge control system check valve which controls the direction of airflow from the charcoal canister to the engine may deteriorate over time, allowing pressurized air to flow from the intake manifold into the fuel tank. If this occurs, the fuel tank may expand and contact the hot exhaust pipe components. If the vehicle continues to be driven in this condition for a prolonged period, localized melting of the fuel tank may occur, possibly resulting in a fuel leak.

FMVSS1:

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25V794**FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

A fire increases the risk of injury.

Description of the cause:

A deteriorated purge control system check valve.

Identification of any warning that can occur:

Popping sound from fuel tank area, illumination of Check Engine Light (CEL), and/or vehicle running rough.

Component Manufacturer

Tier of Supplier:**Supplier Type:**

Name: Inzi Controls

Address: 312-10 Mungu-ro, Oedung-eup,
Gyeongsangbuk-do
Gyeongju-si Foreign States, 38205

Country: Korea, Republic Of

Involved Components

Component Name 1: VALVE-CHECK

Component Description: Check Valve

Component Part Number: 59133-2H000

Component Name 2: CHECK VALVE & HOSE ASSEMBLY

Component Description: Check Valve & Hose Assembly

Component Part Number: 28918-2M430QQK

Chronology

See attached document titled "2021-2024MY K5 Purge Control System Check Valve Chronology"

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25V794**Related NHTSA Recall Number:**

Description of Remedy

Remedy Type:**Consumer Advisories:** ☐ Do Not Drive ☐ Park Outside**Description of remedy program:**

All owners of the subject vehicles will be notified by first- class mail with instructions to bring their vehicles to a Kia dealer. Dealer will replace the check valve with an improved one. Dealers will also inspect the fuel tank for damage and if necessary, replace with a new one. Additionally, dealers will ensure the subject vehicles are equipped with the latest ECU software. Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed May 1, 2024.

How remedy component differs from recalled component:

The remedy check valve is of an improved design.

Identify how/when recall condition was corrected in production:

The condition was not corrected in production. The 2025MY K5 is not equipped with the 1.6L T-GDI engine and thus is not affected by this recall.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

The planned dealer notification begin and end date is November 18th, 2025. The planned owner notification begin and end date is January 16, 2026.

Planned Dealer Notification Date: Nov 18, 2025 - Nov 18, 2025 ☐ No Dealers

Planned Interim Owner Notification Date: ☐ No Owners

Planned Remedy Owner Notification Date: Jan 16, 2026 - Jan 16, 2026 ☐ Phased Recall

Date when VIN will be searchable: Dec 01, 2025