

Part 573 Safety Recall Report

25V-067

Manufacturer Name : ZEEKR TECHNOLOGY US, LLC**Submission Date :** MAR 04, 2025**NHTSA Recall No. :** 25V-067**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : ZEEKR TECHNOLOGY US, LLC

Number of potentially involved : 1

Address : 1760 Jiangling Road
Binjiang District Hangzhou, Zhejiag 00
NA

Estimated percentage with defect : 100 %

Company phone : 134-6662-8707

Vehicle Information :

Vehicle 1 : 2025-2025 Zeekr RT

Vehicle Type : LIGHT VEHICLES

Body Style : HATCHBACK

Power Train : NR

Descriptive Information : Zhejiang Geely Automobile Co., Ltd. started series production of the 2025 MY RT on December 16, 2024. Between that date and January 8, 2025, Zeekr manufactured 30 Zeekr RT vehicles earmarked for sale in the US. One (1) of these vehicles was manufactured on December 16, 2024, and arrived in the US on January 27, 2025. The remaining 29 vehicles have been secured at the manufacturing facility in China. It has been determined that these vehicles may not comply with Federal Motor Vehicle Safety Standard (FMVSS) No 208, paragraph S19.2.

Production Dates : DEC 16, 2024 - JAN 08, 2025

VIN Range 1 : Begin : L6TZB1G10SU001071 End : L6TZB1G10SU001071 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The Occupant Weight Sensor (OWS) controls the automatic suppression system. Due to a software (SW) bug, the OWS sets an internal fault causing fault codes to be generated which will cause the airbag control module (restraint module), to disable the passenger airbag. The OWS will also be unable to classify occupant status/classification. Both malfunctions result in the FMVSS 208 noncompliance.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : In case of a crash, the vehicle may not fulfill the requirements of FMVSS 208 according to "Paragraph S19.2.". With a non-updated OWS SW, the passenger airbag will not deploy in the event of a crash. Additionally, the OWS may not be able to make a correct status classification of the occupants and set the

right airbag activation/disabling. Failure of the airbags to inflate properly during a crash may increase the risk of injury or death for unbelted passengers.

Description of the Cause : Due to a fault code set from the occupant weight sensor (OWS), the passenger airbag and occupant classification are disabled.

Identification of Any Warning that can Occur : NA

Involved Components :

Component Name 1 : Occupant Weight Sensor (OWS)

Component Description : Seat sensor for classifying front passenger seat occupancy status. Output is used by the restraint module to enable/disable the passenger airbag.

Component Part Number : 8892749329

Component Name 2 : Supplementary restraint system (SRS)

Component Description : Airbag and restraint control module. Used for firing disposal of airbags and restraints.

Component Part Number : 6608342095/A

Supplier Identification :

Component Manufacturer

Name : Joyson (OWS)

Address : No. 201, Shexue Road
Minhang District Shanghai Foreign States 201108

Country : China

Chronology :

On January 28, 2025, an issue was discovered with the SW in the OWS unit, and a root cause investigation was subsequently launched. The issue was reported in a project risk review meeting on January 29, 2025. On January 31, 2025, it was escalated to top management at Zeekr Technology Europe, which concluded that this represented a noncompliance situation. Zeekr US was informed the same day and the global management team was informed in the Critical Concerns Management Team (CCMT) meeting on February 4, 2025.

Description of Remedy :

Description of Remedy Program : Zeekr US will notify the owner of the one affected vehicle and will inform them of the remedy. At no cost to the owner, the vehicle will be updated with new OWS SW before the vehicle is delivered.

The 29 vehicles still at the manufacturing plant will receive the same remedy prior to being shipped to the US.

How Remedy Component Differs from Recalled Component : Remedied vehicles will have new OWS SW downloaded to them. The new OWS part number will be provided at a later date.

Identify How/When Recall Condition was Corrected in Production : Since January 8, 2025, no additional vehicles have been manufactured. Before the start of the next batch of manufacturing, the vehicles will have the correct OWS SW.

Recall Schedule :

Description of Recall Schedule : The vehicle will be repaired before delivery to the owner.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported