

Part 573 Safety Recall Report

25V-063

Manufacturer Name : ZEEKR TECHNOLOGY US, LLC

Submission Date : FEB 06, 2025

NHTSA Recall No. : 25V-063

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, Zhejiang 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 the 16 December 2024. Between that date and the 8 January 2025, Zeekr manufactured 30 Zeekr RT intended for sale in the US. One (1) of these vehicles, manufactured on 16 December 2024 and arrived in US on the 27th of January 2025. The remaining 29 have been restrained at the plant. It is determined that this one vehicle may not comply with Federal Motor Vehicle Safety Standard (FMVSS) No 138 Tire pressure monitoring systems, paragraph S4.4 (c)(2) and S4.5. This vehicle is still under the control of Zeekr US. This non-compliance report only covers this vehicle, since the 29 remaining at the plant will be updated prior to shipment.

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

VIN Range 1 : Begin :

End :

☐ Not sequential

VIN Range 2 : Begin :

End :

☐ Not sequential

VIN Range 3 : Begin :

End :

☐ Not sequential

VIN Range 4 : Begin :

End :

☐ Not sequential

VIN Range 5 : Begin :

End :

☐ Not sequential

Description of Defect :

Description of the Defect : In case of a dTPMS malfunction, the dTPMS malfunction telltale flashes for 57 – 58 seconds, which means it fails to meet paragraph S4.4 (c)(2) of FMVSS 138, which requires the dTPMS to flash “for a period of at least 60 seconds but no longer than 90 seconds”. The reason for this non-compliance is a delay of count start due to a Display Head Unit (DHU, containing the telltales and malfunction indication lights) boot time of 2 – 3 seconds.

The owner’s manual is missing the following phrase “Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly” implying that FMVSS 138 paragraph S4.5 is not fulfilled.

FMVSS 1 : 138 - Tire pressure monitoring systems

FMVSS 2 : NR

Description of the Safety Risk : In case of a dTPMS malfunction, the vehicle will not fulfill the requirement of dTPMS malfunction criteria according to FMVSS 138 S4.4 (c)(2).

For the owner’s manual, FMVSS 138 paragraph S4.5 is not fulfilled.

Description of the Cause : DHU (Display Head Unit) boot up time reduces the useful flashing period by 2 to 3 seconds of the dTPMS malfunction telltale.

One required phrase, set forth in FMVSS 138 S4.4 (c)(2), was mistakenly omitted in the owner’s manual.

Identification of Any Warning NA
that can Occur :

Involved Components :

Component Name 1 : Display Head Unit

Component Description : DHU Digital display containing the telltales and malfunction indication lights.

Component Part Number : 6608128747

Component Name 2 : User Manual

Component Description : User manual contains information and instructions that the owner/user needs to understand when using the car. It also contains important safety information, to make sure the owner/user operate the car

Component Part Number : 8896632770

Supplier Identification :

Component Manufacturer

Name : Zeekr Intelligent Technology US

Address : 118 Charcot Avenue
San Jose California 95131

Country : United States

Chronology :

On January 27th, during final verification testing, Zeekr Technology EU was notified of the issue by IDIADA test lab. Investigations have shown that the issue could be a potential non-compliance and was caused by software (SW) configuration. Analysis of the test results and discussions within project team lead to escalation to Zeekr Technology EUs management team

on January 31st, where the issue was reviewed and determined to be a non-compliance issue. The Zeekr US team was then informed and on 4th February there was a Critical Concerns Management Meeting with global management participation and a decision was made to notify NHTSA.

User manual

On January 31st, Zeekr Technology EU was notified by the IDIADA test lab of a missing phrase in the owner's manual. The non-compliance of the user manual was also included in the Zeekr Technology EU management team meeting on the 31st of January and in the Critical Concerns Management Meeting held on 4th of February. On February 3rd, a corrective leaflet was created including the missing phrase.

Description of Remedy :

Description of Remedy Program :	Zeekr Intelligent Technology US. will notify the future owner of the affected vehicle and will instruct them about the remedy program. The vehicle will get the Display Head Unit SW updated, and a corrected leaflet will be added to the owner’s manual before the vehicle is delivered to the customer. All the 29 already produced vehicles that have still not left the plant will also get the same remedy before being shipped from the plant.
How Remedy Component Differs from Recalled Component :	Remedied vehicles will have an updated Display Head Unit SW with extended flashing time set to 70 seconds. A new part number is not yet available but will be updated in the report when possible. Remedied vehicles will have a corrected leaflet added to the owner’s manual.
Identify How/When Recall Condition was Corrected in Production :	Since 8th of January no additional vehicles have been built, before the start of next batch of vehicles the corrected DHU SW will be implemented and the owner’s manual is updated.

Recall Schedule :

Description of Recall Schedule :	NR
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported