



U.S. Department  
of Transportation  
**National Highway  
Traffic Safety  
Administration**

## ODI RESUME

OFFICE OF DEFECTS INVESTIGATION



**Investigation:** PE23002

**Prompted By:** VOQ Review

**Date Opened:** 01/27/2023

**Date Closed:** 04/17/2024

**Investigator:** Ayesha Huertas-  
Torres

**Reviewer:** Peter Kivett

**Approver:** Tanya Topka

**Subject:** Complete Loss of High Beams

### MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** Kia America, Inc.

**Products:** 2020 KIA Telluride

**Population:** 35,031 (Estimated)

**Problem Description:** Complete loss of high beams with no re-engagement or warning resulting in reduced visibility.

### FAILURE REPORT SUMMARY

|                              | ODI | Manufacturer | EWR D&I | Other | Total | EWR Field Reports |
|------------------------------|-----|--------------|---------|-------|-------|-------------------|
| <b>All Incidents:</b>        | 102 | 277          | 0       | 2,137 | 2,516 | CONF              |
| <b>Crashes/Fires:</b>        | 0   | 1            | 0       | 0     | 1     | 0                 |
| <b>Injury Incidents:</b>     | 0   | 0            | 0       | 0     | 0     | 0                 |
| <b>Number of Injuries:</b>   | 0   | 0            | 0       | 0     | 0     | 0                 |
| <b>Fatality Incidents:</b>   | 0   | 0            | 0       | 0     | 0     | 0                 |
| <b>Number of Fatalities:</b> | 0   | 0            | 0       | 0     | 0     | 0                 |

**Description of Other:** Warranty Data

### ACTION/SUMMARY INFORMATION

**Action:** This (PE) Preliminary Evaluation is closed with 24V148.

**Summary:**

On January 27, 2023, the Office of Defects Investigation (ODI) opened PE23002 to investigate allegations of loss of high beams with no warning and no re-engagement resulting in reduced visibility at night in the 2020 Kia Telluride.

The investigation revealed that the halogen bi-function projector beam, used in vehicles built between January 2019 and November of 2019, is composed of one halogen bulb light source that provides light for

both low beam and high beam. The heat generated by the halogen bulb will inflict damage to the gear mechanism and as a result the shutter's electric motor will no longer be able to move the shutter to the open position to reveal the high beams. A loss of high beams, prevents the driver from having proper distance illumination, therefore increasing the risk of a crash.

On February 24, 2024, Kia filed recall 24V-148 for certain MY 2020 Kia Tellurides. The recall remedy provides an inspection of the high beam shield gear mechanism and will either apply a clip to secure the shield gear to the shaft or replace the headlamp assembly with one that is resistant to heat damage from the halogen bulb.

In view of the recall action being taken by Kia, ODI is closing this Preliminary Evaluation. The agency reserves the right to take additional action if warranted by future circumstances. To review the reports cited in the Closing Resume ODI Report Identification Number document, go to [NHTSA.gov](https://www.nhtsa.gov).