



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

OFFICE OF DEFECTS INVESTIGATION

ODI RESUME

Investigation: DP26002
Prompted By: Defect Petition
Date Opened: 03/04/2026
Investigator: Andrew Brady **Reviewer:** Joshua Neff
Approver: Tanya Topka
Subject: Redundant wheel fastener locking mechanism

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Generic Manufacturer
Products: Heavy-Vehicle 10 Hole 22.5" Hub Pilot Wheels
Population: 130,948,489 (Estimated)
Problem Description: Heavy truck/trailer/bus wheels lack a redundant wheel fastener locking mechanism.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
All Incidents:	1	0	0	0	1	0
Crashes/Fires:	0	0	0	0	0	0
Injury Incidents:	0	0	0	0	0	0
Number of Injuries:	0	0	0	0	0	0
Fatality Incidents:	0	0	0	0	0	0
Number of Fatalities:	0	0	0	0	0	0

ACTION/SUMMARY INFORMATION

Action: Open Defect Petition

Summary:

The Office of Defects Investigation (ODI) received a petition on November 21, 2025, requesting a defect investigation to "determine whether the absence of a redundant mechanical wheel-fastener locking mechanism constitutes a safety-related defect in motor vehicles and motor-vehicle equipment" in the heavy-vehicle sector. The petition itself can be reviewed at [NHTSA.gov](https://www.nhtsa.gov) under ODI number 11703245. A defect petition has been opened to evaluate the issue and determine whether to grant or deny the petition.