

## 23509 Full Chronology of Events

- 01/09/2023 – Navistar Compliance initiates review of an FSR submitted 12/22/2022 for this condition.
- 01/12/2023 – Manufacturing Quality initiates investigation to review the wheel speed sensor (“WSS”) and associated wiring. Focus is placed on a possible incorrectly installed harness connector seal allowing WSS terminals to corrode.
- 01/13/2023 – Navistar Engine Calibration team replicates and confirms vehicle derate condition resulting from a drive axle WSS fault.
- 01/17/2023 – Navistar review of warranty claims finds one claim for ABS codes with no derate.
- 01/24/2023 – Navistar Supplier Quality issues a quality alert to manufacturing to inspect and correct any WSS connector seals incorrectly installed in connector body.
- 02/02/2023 – Navistar Engine Calibration team identifies ECM programming that interprets WSS faults as a high vehicle speed.
- 02/09/2023 – Navistar and supplier completes investigation and determines the supplier was installing the connector seals without a fixture and corrected process.
- 02/15/2023 – Navistar Manufacturing initiates a ship hold and begins WSS connector seal inspections to correct connector seal installation.
- 03/01/2023 – Navistar Compliance and Supplier Quality meet to better understand the impact of WSS connector issue to the drop out of the throttle pedal input.
- 03/03/2023 – Navistar Engine Calibration team confirms required programming changes.
- 03/15/2023 – Navistar Compliance reviews the warranty data again and found five (5) warranty claims processed from 11/22/2022 thru 03/14/2023. Of these five (5) claims from one dealer, only four (4) mention, “vehicle will not go over 5 mph,” and all occurred on 01/26/2023.
- 03/17/2023 – Navistar Compliance meets with Electrical Engineering and Supplier Quality to review the potential impact to the drop out of the throttle pedal input.
- 03/23/2023 – Navistar finalizes the suspect population and declares a Safety Recall.