

*For defects*, provide a dated, chronological summary of all the principle events that were the basis for the determination that the defect is related to motor vehicle safety, including a summary of all warranty claims, field or service reports, and other information such as numbers of crashes, injuries and fatalities.

- 9/18/19 – Navistar review of company warranty reports show and increase level of warranty for the brake light switch and initiates investigation.
- 10/31/2019 – Navistar Compliance identifies a Field Service Report related to brake light switch issue. The fleet customer reported an increased number of failures of the switch. Also, brake switch tier two supplier received failed parts and identifies issue with solder joint.
- 11/14/2019 – Navistar Quality works with Bendix and tier one supplier to initiate an inspection process to detect poor solder joints on switch terminals.
- 11/23/2019 – Navistar Quality initiates investigation to determine the scope of the issue and the failure mode of a weak solder joint with Bendix and the tier one supplier. A certain node on the switch contact was found in some cases to have a poor solder joint.
- 12/2/2019 – Navistar contains the issue in vehicle manufacturing with the use of a brake light switch made with a redesigned solder process.
- 12/16/2019 – Navistar initiates warranty review to determine severity of the issue.
- 01/06/2020 – Navistar completes an initial warranty review and begins to determine the issues specific to brake light failure.
- 01/14/2020— Navistar determines a stop light switch with a weak solder joint will create an open circuit failure causing the ABS Light to illuminate in the instrument cluster and the brake lights to remain either on or off.
- 2/6/2020 – Reviewed status of quality investigation. Three areas of concern with the switch were identified which included the diaphragm, solder joint, and corrosion on the contacts. However, the solder issue is the primary driver of the warranty failures reported.
- 02/25/2020—Navistar meets to discuss the quality issues with the switch and the effect on vehicle operation. Evaluated potential for safety and reviewed similar recalls from the industry. No reports of accidents or damage were found to this point. Also, reviewed warranty data for any correlation with feature code for Electronic Stability Control.
- 02/28/2020 – Navistar discusses failure mode and root cause of the poor solder joint on the brake light switch with NHTSA. The symptom the driver would notice was a warning through activation of the ABS light. However, the concern discussed is that the vehicle will typically continue to operate with the code for the day prior to returning for repair.
- 03/05/2020 – Navistar meets to review warranty claims by Model and by Feature Code to look for any correlation to model and the failure mode.
- 03/12/2020 – Navistar determines final suspect population and declares a Safety Recall. Navistar is continuing to investigate the HX risk and may amend this filing with a smaller population at a later date.