

- 01/06/2021 – Navistar Field Service receives communication from a fleet customer related to spring brake air leaks at the diaphragm.
- 01/12/2021 – Navistar Compliance reviews customer concern related to the spring brake air leak issue and initiates an investigation.
- 01/19/2021 – Navistar Compliance, Supplier Quality, and Meritor meet with TSE Brakes to discuss the parking brake chamber issue and impact to International vehicles.
- 02/01/2021 – Navistar Compliance and Engineering meets to evaluate failure mode and potential for safety concerns.
- 02/04/2021 – Navistar Compliance Committee meets to discuss failure mode, warranty history on suspect build range, and root cause. Compliance Committee requests on vehicle testing with leaking brake chamber to verify air pressure warning light and brake performance.
- 02/10/2021 – Navistar Compliance and Meritor meet to discuss TSE Brakes suspect lot codes and develop test plan for on vehicle testing of a leaking diaphragm in the spring brake chamber.
- 02/19/2021- Navistar, TSE, Meritor and Matthew Warren (TSE supplier, manufacturer of the defective spring) confirmed the suspect build range was 02/11/2020 thru 07/14/2020 based off production date of the springs and shipment received by Meritor
- 02/26/2021 – Navistar Compliance and Meritor meet to review Meritor’s brake dynamometer tests and on vehicle tests. In all test conditions the truck air warning system activated prior to any application of the spring brake.
- 03/04/2021 – Navistar Compliance Committee reviews Meritor’s brake dynamometer test, on vehicle test, and suspect build range. Brake dynamometer tests and on vehicle tests confirmed that reducing pressure from 100 to 62 PSI did not increase temperature on the wheel end and warning air pressure light come on at 70 PSI. Light brake drag began to occur at 55 PSI.
- 03/08/2021 – Navistar Compliance and Meritor meet to review warranty data and verify all failures occurred within the suspect lot build range.
- 03/18/2021 – Navistar performs additional field inspections of parking brake chambers built within the suspect lot range.
- 03/22/2021 – 3 vehicles out of 15 inspected within the suspect lot were found to have shifted pressure plates due to the spring perpendicularity condition.
- 03/25/2020 – Navistar finalizes the suspect vehicle population, reviews the number of chambers found in the field with shifted pressure plates and declares a Safety Recall.