



Chronology of Defect Determination – 22S77

May 2022

On May 19, 2022, Ford's Critical Concern Review Group (CCRG) initiated an investigation into a single report of a left-hand side impact sensor that was not properly attached on a 2021 model year Bronco vehicle that presented for service at a dealership for an unrelated reason. Dealership personnel identified that the left-hand side impact sensor mounting stud was missing.

June-July 2022

Ford's assembly plant quality records show that the suspect vehicle was identified as having an improper side impact sensor assembly through error-proofing processes during vehicle production. The CCRG investigation determined that the vehicle concern appeared to have been closed by plant personnel without completing the inspection and repair for a missing side impact sensor stud. At the time, there were no other known occurrences in the field.

August-October 2022

The CCRG recommended inspecting a sampling of the vehicles identified through assembly plant error-proofing process records to evaluate the quality of the side impact sensor mounting. The CCRG reviewed the proposal to conduct an inspection study (Harvest Program) with NHTSA on August 4, 2022. The harvest program information would be provided to NHTSA as part of Ford's monthly Part 579 regulatory filings.

On August 19, 2022, Ford's Field Review Committee reviewed and approved a Harvest Program (22H05) to sample these vehicles to evaluate the quality of the side impact sensor mounting.

Ford reviewed the status of inspection program (22H05) with NHTSA on October 26, 2022. As of October 21, 2022, twenty-nine (29) vehicle inspections had occurred. All of the twenty-nine (29) vehicles passed inspection with no occurrences found related to improper side impact sensor attachment.

November-December 2022

The CCRG continued to monitor the status of the 22H05 inspection program.

As of December 5, 2022, ninety-two (92) U.S. vehicles have been inspected for 22H05 and dealerships have identified two (2) vehicles with a missing side impact sensor stud (November 16, 2022, and December 5, 2022).

On December 7, 2022, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of accident or injury related to this condition.

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