

Ford Motor Company (Ford) Recall No. 22S71 Amendment #1 Chronology

Chronology of Defect: Ford 22S71 Amendment #1

Date of Submission: December 23, 2022

March through June 2022

On March 4, 2022, Ford approved safety recall 22S12 to address a pattern of inoperative wiper motors that could result in a reduction or loss of visibility in certain conditions. Safety recall 22S12 involved F-150 vehicles built from January 8, 2020 (Job #1) through March 22, 2021.

On April 21, 2022, Ford's Critical Concern Review Group (CCRG) initiated an investigation to monitor the field performance of vehicles produced after March 22, 2021, based on wiper motor quality matters identified and corrected by the supplier that were not part of the original field service action scope. Through June 2022, the rate of reports remained low at 0.8-1.4 R/1000 and did not demonstrate an increasing trend.

July through October 2022

Ford continued to monitor field data and identified an increasing trend of inoperative wiper motor reports beginning in late August 2022. Additionally, Ford's investigation identified six VOQs related to this concern within the non-recalled population. NHTSA contacted Ford on September 9, 2022, regarding the same VOQs. Ford reviewed the status of its ongoing investigation with NHTSA on September 15, 2022.

In October 2022, the CCRG investigative team completed an updated analysis of field data and found the overall report rate for the non-recalled population was approximately 2.3 R/1000, with higher rates for certain periods of production coinciding with supplier quality concerns that were not within the scope of 22S12. Weibull analysis projections were also updated in October 2022 and found the 10 year/150K miles rate is predicted to be approximately 5% for vehicles produced from March 23, 2021, through August 8, 2022.

As of October 13, 2022, Ford is aware of 1,378 warranty reports globally, received from May 6, 2021, through October 12, 2022, for inoperative or intermittently functioning windshield wiper motors on vehicles produced with the subject wiper motor from March 23, 2021, through August 8, 2022.

On November 4, 2022, Ford's Field Review Committee reviewed the concern and approved a field action.

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On November 17, 2022, the wiper motor supplier communicated to Ford that a break in containment occurred specific to the wiper motor electrical terminal failure mode. Ford reviewed its own data and the supplier's information. Ford also reviewed the manufacturing history and field performance of wiper motors replaced under safety recall 22S12.

On December 16, 2022, Ford's Field Review Committee reviewed the concern and approved an amendment to field action 22S71.

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