

## **Ford Motor Company (Ford) Recall No. 24S09 Chronology**

### CERTAIN 2023-2024 MODEL YEAR FORD F-650 AND F-750 VEHICLES – PARKING BRAKE HANDLE DISENGAGES

**Date of Submission:** February 23, 2024

#### **Chronology of Defect / Noncompliance Determination**

**Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.**

#### November 2023 – January 2024

On November 21, 2023, Ford's Critical Concern Review Group (CCRG) opened an investigation into reports of parking brake disengagement on 2023-2024 model year F-650 and F-750 vehicles. Field reports indicated that fleet vehicles were experiencing disengagement of the parking brake handle with minimal downward pressure without pressing the release button. On November 22, 2023, as part of the CCRG investigation, Ford personnel visited a dealer with vehicles exhibiting parking brake disengagement to retrieve parts for inspection.

CCRG reviewed the design of the parking brake handle assembly. The floor-mounted mechanical parking brake handle assembly in the F-650/F-750 vehicles has a tube in a welded mounting bracket containing a pin used to engage a secondary J-hook via the actuation of an occupant release button. As the button is depressed, a control rod moves the J-hook in and out of position by pulling the handle up or down to engage/disengage the parking brake. Dimensional variation of either the control rod and/or the J-hook engagement pin will prevent proper locking function.

The CCRG investigation coordinated shipment of suspect parking brake handle assemblies to Ford Central Laboratory and the supplier for analysis. Metrology analysis determined that the welded bracket location and control rod dimensions were out of specification. Additionally, the supplier conducted analyses to determine the force required to disengage the parking brake handle under varying conditions.

During the week of January 22, 2024, the CCRG team contacted upfitters and dealerships of the F-650/F750 vehicles to learn more about detection and frequency of the concern. The team confirmed that the parking brake disengaged with downward pressure without pressing the release lever.

As of February 02, 2024, Ford is aware of 87 warranty reports, 31 field reports, and one customer service report, corresponding to 86 vehicles received from May 16, 2023, to January 22, 2024, related to this concern.

On February 16, 2024, 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.