

September 13, 2024

22C22 Amendment 1:  
Ford Motor Company (Ford) Recall No. **22C22** – Certain 2022-2023 model year Ford  
Bronco Sport and F150 vehicles – Parking Lamp Flicker

Chronology

**July – August 2022**

On July 7, 2022, the Hermosillo Plant (HSAP) vehicle team brought an issue pertaining to the parking lamps flickering to Ford's Critical Concern Review Group.

The first vehicle was found by the assembly plant quality personnel during an audit of Bronco Sport. Additional Bronco Sport vehicles were detected by plant personnel in a yard campaign. HSAP quality team found 10 units from a population of 734 where the position lamp starts flickering after a 5 minute functional test. This condition coincided with an LED Driver Module (LDM) part change from version 4.1L to version 4.2.

Certain affected Bronco Sport, F150, and Raptor vehicles are equipped with the LDM version 4.2 that will cause the position lamps to flicker.

On July 5, 2022, Ford Electrical Lighting Module Engineering and the Continental engineers analyzed component voltages to determine which modules and vehicles may have the concern to determine scope.

On July 22, 2022, Ford Electrical Lighting Module Engineering reviewed environmental temperatures during reports of flickering to determine if the condition was related to temperatures.

July – August 2022: Automotive Safety Office evaluated FMVSS 108 requirement for steady burning, searched for and monitored field reports to determine scope of which vehicles may be affected.

August 31, 2022, Ford's Technical Review Group (TRG) reviewed this concern. The subject lamps meet FMVSS 108 component-level compliance tests. However, at the vehicle level, the lamps are objectively not steady burning. The TRG recommended the flickering park lamp condition be reviewed by the Field Review Committee.

On **September 07, 2022**, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford's Critical Concern Review Group opened an investigation on July 9, 2024 after identifying vehicles that received an incomplete remedy for 22C22, leading to pause the FSA on August 15, 2024. Some vehicles received an Over The Air (OTA) update to the Body Control Module (BCM) which prevented the 22C22 remedy from being completed. Additionally, during the investigation the CCRG identified some vehicles without the OTA update that do not have a complete remedy.

On **September 06, 2024**, Ford's Field Review Committee reviewed the concern and approved amending the remedy for 22C22 to replace the LDM hardware for both lamps on vehicles that have not yet received a remedy for the FSA.

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