

2021-2022 MY EcoSport Front Halfshaft Engagement - 25S12 - CHRONOLOGY

On **October 17, 2024**, Ford's Design Analysis Engineering (DAE) team inspected a vehicle that had been involved in an accident resulting in two fatalities. The vehicle's driver alleged they lost motive power while driving with their vehicle stopping in the roadway. The vehicle was subsequently rear ended by a motorcycle, resulting in the fatalities of the motorcycle passengers. Ford's inspection determined that the vehicle had stripped halfshaft splines.

From **October to December 2024**, Ford analyzed warranty claims involving front halfshaft replacements on vehicles while working to acquire halfshaft warranty return parts for analysis. Ford's inspection of three returned parts determined that they had stripped splines. Ford's Driveline Engineering team analysis determined that all key part dimensions were within specification and that the stripped splines resulted from wear over time, likely due to the halfshafts not being fully inserted into the transmission during vehicle assembly. On **January 14, 2025**, this concern was brought to Ford's Critical Concern Review Group (CCRG) for review.

In January and February 2025, CCRG and Driveline Engineering continued to analyze warranty claims, conducted design reviews of the EcoSport halfshaft and transmissions, and interviewed former Assembly Plant Vehicle Team (PVT) team members in an effort to understand contributing factors to halfshaft improper insertions and replacement rates. The design review included work to understand factors associated with the manual insertion process that potentially increased process difficulty for assembly plant operators, and assembly plant methods used to verify proper halfshaft insertion and retention. Ford's investigation identified 175 halfshaft replacements in warranty, 60 that allege a loss of motive power, or the vehicle will roll in Park, and one NHTSA Vehicle Owner Questionnaire (VOQ) alleging property damage potentially related to this condition.

On **February 21, 2025**, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any additional allegations of accidents, injuries or fatalities beyond those described above.