



Collision Position Statement

October 1, 2025

BUMPER FASCIA REPAIR WITH ADAS TECHNOLOGY

Ford Motor Company's position is that, to best provide the proper function and safety of the advanced driver assistance system (ADAS), any repair or replacement of a front or rear bumper fascia (including sensors and or cameras) on ADAS-equipped vehicles should utilize new, Ford Motor Company approved original equipment parts in accordance with Ford and published OEM procedures. Use of non-approved or reconditioned fascias, improper substrate repairs, or misalignment of sensor retainers may impair system performance and compromise safety.

Ford vehicles are engineered with state-of-the-art features that both enhance the driving experience and protect occupants. Central to the proper function of advanced driver assistance systems are the original bumper fascias, which are precision-designed and manufactured to work seamlessly with sensors and cameras.

Why It Matters:

Ford Motor Company's ADAS—detailed below—rely on OEM bumper fascias for correct sensor alignment and operation. (Aftermarket sensors and cameras have not been tested or validated by Ford Motor Company).

Ford Motor Company Supported ADAS Features

- Pre-Collision Assist with Automatic Emergency Braking (AEB)
- Blind Spot Information System (BLIS®) with Cross-Traffic Alert
- BLIS® with Trailer Coverage
- Adaptive Cruise Control with Stop & Go and Lane Centering
- Lane-Keeping System
- BlueCruise™ Hands-Free Driving
- Intersection Assist
- Reverse Brake Assist
- Active Park Assist
- Evasive Steering Assist
- Pro Trailer Backup/Hitch Assist
- Post-Collision Braking



Ford Motor Company Repair Policy

- Topcoat-only refinish: ≤12 mils (300 microns) total thickness.
- Ford Motor Company does not approve the use of fillers, reinforcement tape, hot staples, plastic welding or sonic-weld repairs on ADAS-equipped bumper fascias, as these methods may compromise sensor performance.
- In cases of substrate damage, replacement with a new Ford Motor Company original equipment bumper fascia, designed to provide proper ADAS functionality and vehicle safety is approved.
- Measure coating with an ultrasonic paint-thickness gauge.

Ford Motor Company Parts Requirement

- New Ford Motor Company original equipment bumper fascias are critical for maintaining the vehicle's original ADAS performance and safety. Ford Motor Company has not validated "like-kind" aftermarket, recycled, salvaged or reconditioned parts (unverified repairs risk fit, safety, false diagnostic trouble codes (DTCs) and rework). Their unverified quality and potential for dimensional variances risk fit, safety, and the generation of false DTCs or impaired ADAS functionality.

Ford Motor Company Red Carpet Lease Agreement

- Under every Ford Motor Company Red Carpet Lease Agreement, lessees must restore all collision-damaged parts exclusively with Genuine Ford Motor Company Original Equipment Parts. Any substitution with salvaged, aftermarket or reconditioned components may constitute a breach of lease terms.

Ford Motor Company Diagnostics & Calibrations

- Adherence to all Ford Motor Company original equipment collision-repair procedures is critical for a complete and safe repair, especially concerning ADAS system functionality. Follow Ford Motor Company original equipment collision repair procedures for optimal results.
- For accurate pre/post scans, module programming, and system calibrations, Ford IDS (1996–2018) or FDRS (2018-onward) software with VCMII, VCM3 or J2534-compliant interface is required.

Support Resources

- Ford Dealers: www.fordtechservice.dealerconnection.com
- Independent Collision Repairers: www.fordserviceinfo.com