



Collision Position Statement

October, 2025

Advanced Driver Assistance Systems (ADAS) & Bracketry

Ford vehicles contain many advanced features that are designed to enhance occupant safety and the driving experience. These are commonly known as Advanced Driver Assistance Systems (ADAS) and are often interdependent in their functionality and performance. These advanced systems perform a wide range of computations, including distance, angle, and time calculations between objects. The number of calculations and their complexity depend on the specific ADAS features and the level of automation.

Even minor sensor positioning or calibration differences following an impact or repair can cause these calculations to be inaccurate, resulting in incorrect operation of the ADAS systems and danger to vehicle occupants and other road users.

Many Ford vehicles feature advanced driver assistance systems (ADAS) such as those listed below:

- Pre-Collision Assist with Autonomous Emergency Braking (AEB)
- Evasive Steering Assist
- BLIS® with Trailer Coverage
- BLIS® with Cross-Traffic Alert
- Adaptive Cruise Control
- Lane-Keeping System
- Lane-Centring Assist
- Active Park Assist
- Reverse Brake Assist
- Surround View Camera
- Pro Trailer Backup Assist

Key Considerations

During body repairs that involve front and rear bumper fascia, it is critical that the vehicle be restored to proper operating condition to ensure that these important systems function correctly. Repair of ADAS bracketry supporting the ADAS sensors, including straightening, bending or any form of manipulation can adversely affect ADAS operation. For this reason, Ford does not recommend any repairs to ADAS sensors or bracketry on any Ford vehicle equipped with ADAS systems.



The following points provide an overview of ADAS sensors and bracketry replacement fundamentals that are applicable to the front windshield camera, forward facing radar, side radars, parking sensors, surround and rear-view cameras.

- Visual inspection and calibration may assist identifying issues regarding ADAS pre and post repair
- No ADAS sensors and bracketry to be repaired, straightened or manipulated
- ADAS calibration must be completed post repair or upon disconnecting ADAS components
- ADAS calibration is required when a vehicle has sustained any form of front and rear impact
- ADAS calibration is required when the windshield is replaced
- Ford recommends and warrants only new genuine ADAS bracketry, ADAS sensors and wiring be used when replacing ADAS components, sourced from an authorised Australian Ford dealer
- Vehicle wraps, bumper stickers, and aftermarket accessories in the area or field of view of the ADAS sensors can also create operational concerns
- Ford does not approve, recommend or endorse the use of non-genuine calibration tools or software
- Reconditioned, refurbished or salvaged ADAS sensors and bracketry may not function correctly and can interfere with ADAS operation. For this reason, Ford does not warrant or recommend the use of reconditioned, refurbished or salvaged ADAS Sensors or bracketry. Only by using Ford Original Equipment and calibrations can you be confident ADAS systems will function as intended
- For these reasons, Ford only endorses ADAS calibration completed by an authorised Ford dealer using Ford-Authorised hardware and software

Ford has validated Genuine Ford Parts through extensive testing by Ford Motor Company engineers to return Australian market vehicles to the intended level of form, function, performance and safety.

Ford considers that vehicle owners and repairers are best protected by conducting quality repairs using Manufacturer's repair methods and new Genuine Ford Parts sourced from an authorised Australian Ford dealer.

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