



Collision Position Statement

May 1st, 2026

ADVANCED DRIVER ASSISTANCE SYSTEMS (ADAS) INTEGRITY AND REPAIR TECHNICAL

IMPERATIVES Lincoln vehicles are engineered with a sophisticated ecosystem of Advanced Driver Assistance Systems (ADAS) designed to enhance the client experience, driver support, and vehicle performance. The proper function and performance of these systems—including, but not limited to, Lincoln BlueCruise, Adaptive Cruise Control, Pre-Collision Assist with Automatic Emergency Braking (AEB), Evasive Steering Assist, Lane-Keeping Systems, Auto High Beam Control, Blind Spot Information System (BLIS), and Surround View Cameras—is strictly dependent on the vehicle being equipped and repaired according to Lincoln’s original design and service specifications.

Lincoln’s Definition of ADAS-Related Repairs

Any repair, replacement, or remove/install of:

- **ADAS sensors** (including but not limited to cameras, radars, ultrasonics)
- **Parts that provide attachment for or affect the position of ADAS sensors** (including but not limited to bumper beams, quarter panels, mounting brackets)
- **Parts that are in the field of view of ADAS sensors** (including but not limited to bumper fascias, grilles, glass, licensed accessories, etc.)

1. DIAGNOSTIC SCANNING AND CALIBRATION To help ensure the safety of our clients, Lincoln requires:

- **Pre-Repair Diagnostic Scan:** Required for all vehicles with damage to identify Diagnostic Trouble Codes (DTCs), even when no dashboard indicators are present.
- **Post-Repair Diagnostic Scan:** Required to confirm all systems are communicating correctly and no new faults were introduced during the repair process.
- **System Calibration:** Required for all vehicles with ADAS-related repairs to ensure proper operation of ADAS sensors and features. Calibration must be performed on any affected component regardless of whether a DTC is present. Certain ADAS sensors may not immediately trigger a DTC if misaligned. Failure to calibrate could result in a vehicle leaving the repair facility with compromised or inoperative ADAS features. Calibration procedures are described in Lincoln Workshop Manuals (WSM) and require Lincoln Service Information, Lincoln Diagnosis and Repair System, and Integrated Diagnostic System (FDRS/IDS) procedures.



2. SENSOR OBSTRUCTIONS ADAS sensors (Radar, Ultrasonic, and Cameras) require an unobstructed “Field of View.” Partially or fully obstructed sensors could affect ADAS behavior and may prevent them from working as designed. This could lead to unexpected system responses. Certain ADAS sensors may not immediately trigger a DTC, indicator light, or warning message if obstructed. Lincoln does not approve and highly cautions against the use of the following components on or near ADAS sensor fields (front/rear bumpers, grilles, windshield, side mirrors, and quarter panels), as they have not been validated by Lincoln:

- **Aftermarket Accessories:** Grille guards, bull bars, light bars, winches, snowplows, body armor, or oversized roof racks, cargo racks, or other similar items, unless approved by Lincoln.
- **Aesthetic Modifications:** Decorative wraps, paint protection films (PPF), stickers, magnets, heavy metallic-based paints, or other similar items, unless approved by Lincoln.
- **Glass Tint:** Window tints or decals that overlap the camera field of view near the rearview mirror can distort light transmission and cause system failure or unintended braking.

3. VEHICLE MODIFICATIONS Driver assistance systems are carefully designed and tested for the vehicle’s original ride height, wheel offset, and suspension geometry.

- **Vehicle Modifications:** Lincoln does not validate or support the performance of ADAS features on vehicles modified with non-OE suspension components (such as non-sanctioned lift or lowering kits) or non-sanctioned wheel/tire combinations. Any component failure or damage resulting from the installation of any such modification—unless it is a Lincoln sanctioned accessory installed per Lincoln procedures—is not covered by the Lincoln New Vehicle Limited Warranty or service plan for all ADAS-related systems, components, and performance outcomes.

4. USE OF GENUINE LINCOLN ORIGINAL EQUIPMENT (OE) PARTS Lincoln ADAS technologies are validated exclusively using Lincoln Genuine Parts. Any damage or failure caused by the installation or use of non-Lincoln/aftermarket parts will not be covered under the Lincoln New Vehicle Limited Warranty or extended service plans. Proper ADAS performance is particularly dependent on the OE quality and specification of these specific components:

- **Modules:** ADAS modules are programmed with vehicle-specific software and configurations. Unapproved electronic modules may be incompatible with the vehicle or its sensors, preventing proper system communication and performance.
- **Sensors:** Recycled, salvaged, aftermarket, or reconditioned ADAS sensors are not approved for use, as they have not been validated by Lincoln and may not be compatible with the software or the other sensors on the vehicle.



- **Bumper Covers/Grilles:** Many radar sensors are mounted behind the bumper fascias and must “see through” them to function correctly. Aftermarket or recycled parts may have different material thickness, composition, or repair history (such as plastic welding or body filler) that can interfere with radar signal transmission. Furthermore, the accumulation of paint layers must not differ from Lincoln factory specifications. Changes to paint thickness (e.g., three or more coats) can attenuate or deflect radar signals. Only approved refinishing procedures and specific thickness limits found in the WSM may be utilized.
- **Windshields:** An ADAS camera may be mounted at the windshield near the rearview mirror and must “see through” the windshield to function correctly. Unapproved windshields can distort the camera’s vision and cause system failure or unintended braking. Refer to the Lincoln position on Glass Replacement.

5. WARRANTY AND LIABILITY LIMITATION Lincoln does not validate the safety, compliance, fit, or function of aftermarket, salvaged, or reconditioned parts.

- **Warranty:** Any failure of a Lincoln system or component resulting from the use of non-OE parts, unapproved repair procedures, or unauthorized vehicle modifications is **NOT COVERED** under the Lincoln New Vehicle Limited Warranty.
- **Liability:** Failure to adhere to the official WSM procedures for ADAS calibration and repair significantly increases the risk of system malfunction. Lincoln disclaims all liability for damages, injuries, or fatalities arising from repairs performed with non-approved parts or procedures.

RESOURCES

- **Technical Procedures:** www.lincolnserviceinfo.com
- **Required Diagnostic Software:** FDRS (2018-present) / IDS (1996-2017)
- **Field of View:** Front radar (CCM) and front camera (IPMA camera), Refer to GSB 25-7042.
- **WSMs:** For positions of each ADAS sensor, refer to Component Location in the WSM.

Component	WSM Section
Ultrasonic Parking Aid Sensors	413-13
Surround View Cameras (360 degree)	413-13
Front and Rear Corner Radars (SOD)	419-04
Front Center Radar (CCM)	419-03
Front Windshield Camera (IPMA Camera)	419-07

- **Certified Network:** www.collision.lincoln.com

Lincoln officially mandates adherence to these standards to ensure the vehicle is restored to the high safety and luxury standards to which it was originally manufactured.