

Document ID: 5834891

Important Advanced Driver Assistance Systems Considerations

Overall Impact

The overall integrity and performance of a vehicle's Advanced Driver Assist Systems (ADAS) is dependent on maintaining the design specifications of each component of the safety system. Aftermarket or non-Genuine parts and accessories, reconditioned or salvage parts may have different material or dimensional specifications than what was designed, tested and validated for use with Advanced Driver Assist Systems (ADAS) and are not approved for use by General Motors.

Examples of Advance Driver Assist Systems (ADAS) include, but not limited to:

<i>Adaptive Cruise Control</i>	<i>Traffic Sign Memory</i>	<i>Front and Rear Parking Assist</i>
<i>Forward Collision Alert</i>	<i>Collision Imminent Braking</i>	<i>Surround Vision</i>
<i>Automatic High Beam</i>	<i>Following Distance Indicator</i>	<i>Night Vision</i>
<i>Glare Free High Beam</i>	<i>Head Up Display</i>	<i>Super Cruise</i>
<i>Lane Departure Warning</i>	<i>Side Blind Zone Alert</i>	<i>Lane Change on Demand</i>
<i>Lane Keep Assist</i>	<i>Automatic Parking Assist</i>	
<i>Front Pedestrian Braking</i>	<i>Rear Cross Traffic Alert</i>	

Obstructing ADAS Sensor Areas (radars, cameras, etc.)

The overall operational integrity of Advanced Driver Assist System (ADAS) features is dependent on maintaining its inherent design specifications. The use of Aftermarket or non-Genuine parts and accessories in ADAS sensor areas including but not limited to the front bumper, front grill, below the front grill, license plate covers, headlamps, windshield, front and rear side panels, mirrors, rear camera lens, and rear bumper area is not recommended due to the potential for degradation of ADAS feature functionality.

Addition of protective covers, protective film, decorative / cosmetic wraps, stickers, window tint, magnets, hood protectors, push bars, bicycle racks, cargo racks, light bars, oversized roof cargo can all adversely affect ADAS system feature performance.

Vehicle Modifications

Non-Genuine lift / lowering kits, wheel rims and tires, suspension / steering and other components or modifications that impact ride height, alignment angles and vehicle dynamics / handling are not recommended. Covering or any modification to the windshield blackout is not recommended. Any of these types of modifications are not recommended due to the potential for degradation of ADAS feature functionality.