



## Collision Position Statement

March 9, 2026

### WINDSHIELD REPLACEMENT

- GM does not approve the use of aftermarket or non-GM Original Equipment (OE) glass for windshield replacement.
- At General Motors (GM), safety is our top priority. Our vehicles, safety systems, and components are designed, engineered, tested, and validated to help ensure protection for vehicle occupants. This includes careful selection of every part, including windshields.

#### Aftermarket Glass and Safety

Aftermarket glass may have material, dimensional, and optical clarity specifications that differ from the exact standards designed, engineered, tested, and validated for use with GM vehicles and their Advanced Driver Assistance Systems (ADAS). The structural integrity and overall performance of a GM vehicle safety systems are highly dependent on maintaining the exact specifications of each component, including the windshield.

GM Original Equipment (OE) glass is specifically designed, engineered, tested, and validated to meet the safety, durability, and performance standards required for GM vehicles.

#### ADAS and Calibration Considerations

Many GM vehicles are equipped with advanced safety systems such as Super Cruise®, Adaptive Cruise Control, Automatic Emergency Braking, Lane Keep Assist, and other ADAS features. These systems rely on precise calibration and integration with sensors and cameras embedded in or mounted near the windshield.

Replacing the windshield with inferior or non-approved glass can compromise the performance of these systems, potentially leading to safety risks.

It is critical that a service point calibration/learn procedure is performed whenever a front view windshield camera or sensor is removed, reinstalled, or replaced, or when the



windshield itself is removed and replaced. This helps ensure that ADAS features continue to function as designed.

## Comfort and Performance

GM Original Equipment windshields are designed with specific features that contribute to both safety and occupant comfort.

Many GM windshields include enhanced acoustic dampening technologies to reduce wind, road, and engine noise. Aftermarket windshields may not incorporate these features, which can increase noise levels within the cabin.

Additionally, GM windshields are engineered to filter UV and infrared rays, helping to protect vehicle occupants and sensitive interior components from damaging sun exposure. The materials and construction of GM glass also play an important role in maintaining cabin temperature and occupant comfort.

Inferior glass may result in increased cabin temperatures, which can degrade the interior environment and increase the load on the vehicle's climate control system.

## Testing and Validation

All GM structural and safety testing, including testing for roof strength, airbag deployment, and vulnerable road user impacts (such as pedestrian protection), is performed using GM Genuine Parts, including OEM glass. GM does not conduct structural or safety testing using aftermarket glass and cannot confirm whether any such non-GM parts have been validated to the same performance and safety standards.

The optical quality of GM windshields is tested to meet stringent internal standards that go beyond Federal Motor Vehicle Safety Standard (FMVSS) 205. Using inferior glass may result in increased distortion, impairing the driver's vision, and potentially leading to safety concerns.



## Warranty and Service Plan Implications

Any damage, failure, or nonperformance arising from the installation or presence of non-GM (aftermarket, salvage, recycled, reconditioned, or other) parts, accessories, or modifications is NOT COVERED under the GM New Vehicle Limited Warranty or any GM service plans. To ensure continued warranty coverage, GM requires that collision, structural, and system dependent repairs utilize GM OE parts and GM-approved procedures.

## Conclusion

The windshield is a critical safety feature in GM vehicles, especially with the increasing role of ADAS technologies. GM Original Equipment glass has been specifically designed, engineered, tested, and validated by GM to meet its exacting standards required for vehicle safety and performance. For the integrity of the vehicle's safety systems, GM strongly recommends the use of GM Genuine Parts (OEM glass) for all windshield replacements.

For the continued safety, comfort, and performance of GM vehicles, we urge all service providers to use only GM Genuine Parts and ensure that proper calibration procedures are followed after windshield replacement.



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