



## Volvo Car U.S. LLC: Statement on Pre/Post Scanning

Volvo's latest technology incorporates numerous control modules, sensors, and camera systems that support an array of vehicle functions. These components are an integral part of a vehicle's operational systems. In a collision, these sensors could be damaged in ways that are not visually evident and so they must be inspected and evaluated - regardless of whether the vehicle displays a failure via the instrument cluster. This will help ensure that any possible lack of functionality will be discovered and resolved.

As of model year 1996 (OBDII), vehicles involved in a collision repair should have all systems evaluated.

Pre-repair scanning is required prior to performing **ANY and ALL** work on the vehicle to reveal any malfunctions or failures of components that must be addressed during the repairs.

Post-repair scanning and diagnosis of the vehicle is required for **ANY and ALL** work performed on the vehicle to ensure the vehicle's safety and autonomous systems are functioning correctly. Any safety or autonomous systems that may have activated during a collision may require initialization, calibration or replacement.

*Examples of when pre/post scans should be performed:*

- *Windshield replacements (due to cameras and sensors located on the glass)*
- *Removal and/or replacement of bumpers, SRS sensors, PDC sensors, exterior mirrors, autonomous drive sensors and cameras, headlights, computer-aided drivetrain, wiring harnesses, vehicle control units, seats, or interior trim panels*
- *Disconnected/drained batteries*

Using only genuine Volvo parts will help ensure vehicle safety, performance and residual value.

Volvo genuine parts are designed and manufactured to exact specifications to help maximize safety, performance and reliability.

All Volvo exterior paneling, glass, unibody components, drivetrain, electronics, suspension SRS and steering components are essential to safe control of the vehicle. These parts are designed to work with other vehicle components to help keep occupants safe in an accident.

In the event of a collision, Volvo Car USA recommends that all repairs be performed by a Volvo Certified Technician through a Volvo Certified Collision Center using only genuine Volvo Car parts.

Always refer to Volvo Information and Diagnostics for Aftersales (VIDA) for the latest technical guidelines.