



Volvo Car USA LLC: Scanning and Diagnostics

Volvo's latest technology incorporates numerous control modules, sensors, and camera systems that support various vehicle functions. These components are an integral part of a vehicle's operational systems. In a collision, these components could be damaged in ways that are not visually evident, 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.

Pre-repair scanning, a crucial step that demands your technical expertise, is required prior to performing ANY and ALL work on the vehicle. This process reveals any malfunctions or failures of components that must be addressed during the repairs, showcasing your professional competence.

Post-repair scanning and diagnosis of the vehicle, a thorough process, are required for any work performed on the vehicle. This ensures the vehicle's safety and autonomous systems are functioning correctly. Any safety or autonomous systems activated during a collision may require further inspection, initialization, calibration or replacement, demonstrating your diligence in the repair process.

Examples of when pre/post scans should be performed:

- Windshield replacements (due to cameras and sensors located on the glass)
- Removal and replacement of bumpers, SRS sensors, PDC sensors, exterior mirrors, autonomous drive sensors, and cameras; all lights to include led taillights, computer-aided drivetrain, wiring harnesses, vehicle control units, seats, and interior trim panels and components
- Disconnected/de-energized batteries

Caution!

When Vehicle is being connected to VIDA for diagnostics or software download, a battery maintainer must be connected to ensure 12V battery remains charged.

Utilizing 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 Cars recommends that all repairs be performed by a Volvo Certified Technician through a Volvo Certified Collision Center using only genuine Volvo Cars parts.

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