



Volvo Car U.S. LLC: Statement on Supplemental Restraint Systems (SRS)

Warning!

Take extra care when handling supplemental restraint system (SRS) components.

For every airbag deployment, many critical vehicle components must be inspected and/or replaced.

Pre- and Post-repair scanning is required when working with SRS systems.

Steering Wheel

When the steering wheel airbag deploys, the steering wheel must always be replaced. Damage can occur which is not externally visible.

Restraint Systems

With any airbag deployment, seatbelt pre-tensioners and buckles must be replaced on seats which were **occupied** at the time of the accident. In the event of the front or side airbag deployment, the dashboard must be inspected for damage. Repairing the dashboard in this area is not permitted. These components must be inspected and/or replaced if deployment occurs.

Seat belts, buckles, car seat anchors and other components on seats that were **unoccupied** at the time of the accident must be visually inspected. When in doubt, replace.

ALWAYS Replace the seat belt buckle of the deployed seat belt pretensioner

In case of inflatable curtain deployment, replace all collision sensors on the damaged side of the vehicle as well as any damaged Inflatable Curtain IC fasteners.

Replace Collision sensors located in the front, when collision has occurred that affects this area (i.e. Front Bumper)

Components that must be checked and, when necessary, be replaced with new :

- Dashboard, speakers and panels below the dashboard, (visible damage)
- Windscreen (cracks, damages)
- Seat belt anchor points, in body frame or in seat (deformations)
- Floor carpet and footrest (cracks or damage)

- All pedals (cracks, damages)
- Sunroof
- Damaged wiring
- Check that the protective ring located above the fuel tank's fuel pump is fitted securely and is intact.

Clockspring

When the steering wheel airbag deploys, the clockspring must always be inspected for damage. When in doubt, replace.

Steering Column

When the steering wheel airbag deploys, the steering column must always be inspected for damage. When in doubt, replace.

Seats

With any airbag deployment, visually inspect seats that were occupied at the time of the accident for damage or deformation, including Occupant Weight Sensors. When in doubt, replace.

Replace all seat belts and seat belt pretensioners that give a diagnostic trouble code, including height adjusters, end anchors and quick release.

Whips System

Volvo vehicles come equipped with whiplash protection. Backrests in seats can shift forward to protect passengers when the vehicle is rear-ended. These components must be inspected and/or replaced if deployment occurs. When in doubt, replace.

Knee Airbag Deployment

Volvo vehicles come equipped with knee impact protection. In the event of a knee airbag deployment the dashboard must be inspected for damage. Repairing the dashboard in this area is not permitted. These components must be inspected and/or replaced if deployment occurs. When in doubt, replace.

Volvo Car USA does not approve of replacing SRS system components with anything other than genuine Volvo Car replacement parts. The quality and/or functionality of LKQ, recycled, salvaged, aftermarket or reconditioned parts cannot be determined as there are no testing standards in place for these components. These parts are not traceable should a recall occur. Use and installation of these parts can result in vehicle damage, bodily harm or death.

If the vehicle is equipped with Volvo On Call, the backup battery and the signal wiring from SRS to TEM must be checked.

The vehicle must be subject to a road test, in order to verify full steering and braking functionality.

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 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 to make sure 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.

The Supplemental Restraint System (SRS) Module must always be replaced if fault codes cannot be erased, or if the SRS Module shows mechanical damage, or if damage can be stated in the floor area around the SRS Module (risk of mechanical weakness with regards to its mounting point.)

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

Volvo genuine parts are designed and manufactured to exacting 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 parts.

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