



## **Volvo Car USA LLC: Statement on Steering Racks**

The steering rack must be replaced if any components of the front axle, steering gear, or any part of the steering linkage are deformed or damaged. A hard shock to a front axle, suspension system or steering linkage can potentially cause damage that is not externally visible on the rack. Specific pressure tests are required to make sure seals are not leaking and that the internal gearing has not been affected. Tests of these types cannot be performed at a repair facility level. The steering rack must be replaced when tests cannot be performed or if there is any doubt.

If areas surrounding the steering rack are damaged in an accident, the steering rack should be inspected. This is required to ensure steering components are not damaged. In cases of damage or doubt, the steering rack must be replaced.

To ensure, safety, drivability & performance, any work performed to the suspension systems must always be followed up with a four-wheel alignment to ensure safety, performance and autonomous calibration.

If the repair facility determines that a steering rack replacement is required per Volvo guidelines, and the service is declined keeping the original steering rack in the vehicle, we recommended reviewing this document with, and getting the signature of, the appraiser or deciding insurance company representative.

Volvo genuine parts are designed and manufactured to specifications. These design and manufacturing processes maximize safety, performance and reliability.

All Volvo Cars drivetrain, suspension and steering components are essential to safe control of the vehicle. These parts are designed to work with other vehicle components to keep occupants safe in an accident and manufactured to exact specifications.

**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 Facility using only genuine Volvo Car parts.**

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