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General Safety Practices
Cab
VN, VHD

General Safety Practices

The following information covers General Safety Practices for components included in group 8, Cab.

There is no substitute for common sense and careful practices in the workplace. Improper practices or carelessness can cause burns, cuts, mutilation, asphyxiation, or other bodily injury or death.

This information contains general safety precautions and guidelines that must be followed to reduce risk to personal safety. Special safety precautions are listed in specific procedures when they apply.

Read and understand all of the safety precautions and guidelines before performing any repair.

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General Safety Practices

DANGER

Before working on a vehicle, set the parking brakes, place the transmission in neutral, and block the wheels. Failure to do so can result in unexpected vehicle movement and can cause serious personal injury or death.

DANGER

Exhaust gases contain carbon monoxide. When testing a vehicle with the engine running, conduct the test outdoors or use a properly vented exhaust hose. Prolonged or excessive exposure may cause serious illness or death.

DANGER

Never work under or around a vehicle unless it is supported on jack stands of adequate rating. Failure to use adequate jack stands can result in the vehicle falling, which can cause serious injury or death to anyone under the vehicle.

DANGER

Use ladders, platforms or lift equipment of adequate rating to access top area of cab. Failure to follow this recommendation may result in a fall, personal injury or death.

WARNING

Always wear appropriate eye protection to prevent the risk of eye injury due to contact with debris or fluids.

WARNING

Use a respirator when sanding or grinding to protect lungs from foreign matter. Failure to follow these recommendations may result in personal injury.

WARNING

Use a face protection mask to shield the face and gloves to protect the hands when using the heat gun. Failure to follow these recommendations may result in burns to the face or hands.

WARNING

If a vehicle is to be operated with test equipment connected, precautions must be taken to ensure that all equipment and related components are securely attached to prevent movement and interference which could result in personal injuries.

CAUTION

Possible damage to electronic components. Turn the vehicle ignition switch OFF before disconnecting or connecting any electronic components. Failure to de-energize circuits may result in permanent damage to electronic components.

Cab Repair

DANGER

Stay clear when suspension air is operated. Chassis may move quickly and can cause serious injury or death to anyone under or around the vehicle.

DANGER

Use only an approved lift tool whenever lifting a cab. Lifting by any other method may result in serious personal injury or death.

WARNING

Before beginning any service work on any part of the air system, be certain that the air pressure has been released. Failure to do so may cause a component to violently separate, which can result in serious personal injury.

CAUTION

Do not section any body panel. All panels and parts of the cab structure are designed to be load-bearing. The cab structure can be weakened if patching in panels or using welding methods other than those recommended in Volvo's service information.

Safety Belts

DANGER

It is critical that any time a vehicle has been involved in an accident, the entire safety belt system must be replaced (including sleeper bunk restraints), if in use at the time of the accident. Failure to replace the safety belt system in the event of an accident may result in serious personal injury or death.

DANGER

When installing safety belt components, do not over-torque or use high-speed pneumatic tools. Doing so may, in the event of an accident, cause anchor point failures, resulting in the possible failure of the safety belt anchoring system, which can cause serious personal injury or death.

Supplemental Restraint System (SRS)



WARNING

The airbag module must never be taken apart. Attempting to take apart an airbag module which has not been deployed could deploy the airbag, causing serious injury.



WARNING

Personal injury risk. Always store a non-deployed airbag module with the metal (underneath) side down and in a place where it will not be handled carelessly. Also cover the terminal opening with tape so that no particles (metal filings, etc.) can enter the module contact pins (igniter). This is to reduce the chance of the airbag being projected from its storage position if accidentally deployed, which could cause serious personal injury.



WARNING

The white powder residue from a deployed airbag can be an irritant to skin and tissue. To avoid injury wear gloves and a dust mask when handling a deployed module, and avoid getting this powder on eyes or on skin. If skin irritation occurs, immediately flush the skin with water. Seek medical attention if irritation continues.