

Document Title: Charging of batteries	Function Group: 170	Information Type: Service Information	Date: 15-Jan-22
Profile: L150F Volvo			

Charging of batteries

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Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L150F Volvo			

Explosion hazard

When a battery is being charged, an explosive mixture of oxygen and hydrogen is formed. A short circuit, open flame or spark near the battery can cause a powerful explosion. Always turn off the charging current before disconnecting the charging clamps. Ventilate well, especially if the battery is charged in a confined space.

Corrosive sulphuric acid

The battery electrolyte contains corrosive sulphuric acid. Electrolyte spilled on bare skin must be removed immediately. Wash with soap and plenty of water. If electrolyte gets into your eyes or any other sensitive body part, rinse immediately with plenty of water and seek immediate medical attention.

Document Title: Cleanliness, brake and hydraulic systems	Function Group: 170	Information Type: Service Information	Date: 15-Jan-22
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Cleanliness, brake and hydraulic systems

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Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L150F Volvo			

Maintain the best possible cleanliness when working on these systems. Wipe off all pipe and hose connections before disconnecting and remove paint flakes, etc. Plug all pipes, hoses, cylinders, etc. immediately after disconnecting. Never install a hydraulic hose which has not been plugged until it has been thoroughly cleaned.

Document Title: Electric welding	Function Group: 179	Information Type: Service Information	Date: 15-Jan-22
Profile: L150F Volvo			

Electric welding

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Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L150F Volvo			

The battery disconnect switch must be turned off or the battery ground lead must be disconnected before any electric welding on the machine or connected attachments is carried out.

Connect the welding unit as close as possible to the welding point.

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Electric welding

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Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
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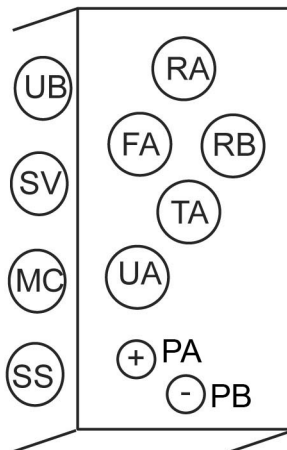
For electric welding on the machine or on attachments on machine:

- voltage feed turned off with battery disconnect switch
- all connectors in the cab's rear wall shall be unplugged to avoid damaging the machine's electronics.

NOTE!

Ground the welding unit as close as possible to the welding point.

Welding on the cab is not permitted, it affects the cab's approval for FOPS and ROPS .



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Figure 1

Connectors on the rear of the cab wall

Document Title: Maintenance service, fire suppression system	Function Group: 173	Information Type: Service Information	Date: 15-Jan-22
Profile: L150F Volvo			

Maintenance service, fire suppression system

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Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L150F Volvo			

Op nbr 173-150

Total procedure time (hr): 1.75

Tools:

[88830136 Test unit](#)

[88830138 Plug](#)

Scale showing grams (oz).

[E-2005](#)

Foreword

1. The service instruction is only intended for service of Volvo Fire Suppression System and only applies to machines with systems that have been factory-installed by Volvo CE. These shall not be confused with machines that have been retrofitted and may have other types of connections and functions. See the Operator's Manual. Volvo CE recommends service at a max. interval of 6 months or 1,000 operating hours, whichever comes first. This does not apply if the local regulations stipulate more frequent intervals.

WARNING

During service, hearing protection and safety goggles must be used.

WARNING

The tube of propellant gas must not be handled loosely with connected power.

NOTICE

Pressure vessels must always be handled with a plug.

NOTICE

When welding, and at auxiliary start-up, the central unit must be disconnected.

NOTICE

Service must be performed in consecutive order, according to the test protocol and the service instruction.

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