

Document Title: Charging of batteries	Function Group: 170	Information Type: Service Information	Date: 20-Mar-22
Profile: L330D Volvo			

Charging of batteries

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Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L330D 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 in hydraulic systems	Function Group: 170	Information Type: Service Information	Date: 20-Mar-22
Profile: L330D Volvo			

Cleanliness in hydraulic systems

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Observe the greatest possible cleanliness when dismantling the hydraulic system. Wipe all pipe and hose connections and remove flaking paint, etc., before disconnecting. Plug all pipes, hoses, cylinders, etc., immediately after dismantling. Never fit a hydraulic hose that has not been plugged without cleaning it first.

Repairing hydraulic system

The following points must be observed when changing the pump or after other work has been carried out that may mean air has entered the system.

1. Start the engine and allow it to run at **low idle** for approx. 10 minutes without activating any hydraulic functions.
2. Activate all hydraulic functions a few times with the engine running at **low idle speed**.
(Attention missing)
3. Run each hydraulic function a few times to overflow (hydraulic cylinder to end position) at high engine speed, approx. 20–25 r/s (1200–1500 rpm) (780–975 Hz).

Document Title: Electric welding	Function Group: 170	Information Type: Service Information	Date: 20-Mar-22
Profile: L330D Volvo			

Electric welding

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For electric welding on the machine or on attachments on machine:

- ☐ ground connection turned off with battery disconnect switch.
- ☐ fuse FH4 must be removed, located next to the battery disconnect switch.
- ☐ connectors for all control units (ECUs) must be unplugged.

NOTE!

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

Document Title: Parking brake, manually releasing	Function Group: 176	Information Type: Service Information	Date: 20-Mar-22
Profile: L330D Volvo			

Parking brake, manually releasing

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If the parking brake cannot be released with the switch for parking brake, it can be released manually as follows:



WARNING

Block the wheels before taking any measures as there is a risk that the machine will start moving.

Releasing

- Remove the rubber cap on the parking brake's upper part.
- Loosen the stop nut and screw out the Allen head bolt until the brake releases.

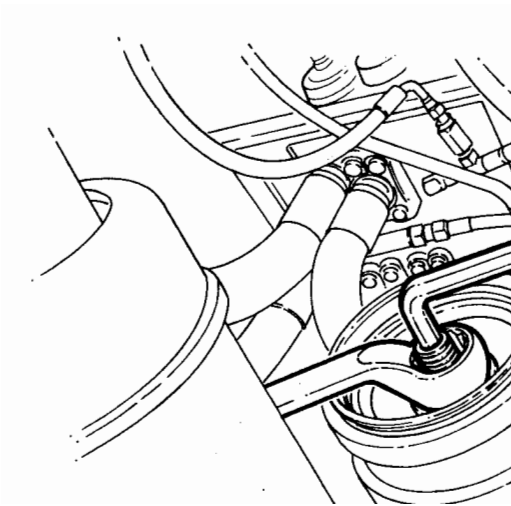


Figure 1

Manual release of parking brake

1. Allen head key

Restoring parking brake

See Section 5 in *Parking brake, adjusting*.

Document Title: Propeller shafts, removing	Function Group: 176	Information Type: Service Information	Date: 20-Mar-22
Profile: L330D Volvo			

Propeller shafts, removing

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- Place the machine in the service position.
- Block all wheels so that the machine cannot move, raise the front or rear wheels from the ground to take the strain off the propeller shafts and remove them.

NOTICE

The parking brake does not work in this position.

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