

Document Title: Boom cylinder, removing	Function Group:	Information Type: Service Information	Date: 1/18/2024
Profile: EC220D L Volvo			

Boom cylinder, removing

Showing All Profiles

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
EC220D L Volvo			
EC220D LR Volvo			
EC220D N Volvo			
EC220D NL Volvo			
EC220D Volvo			
EC235D NL Volvo			

Op nbr 974-031**Total procedure time (hr): 1.50**

1. Park the machine on level, firm ground. Secure enough space around the machine to work safely. Park the machine in the service position E, see [Service positions](#).

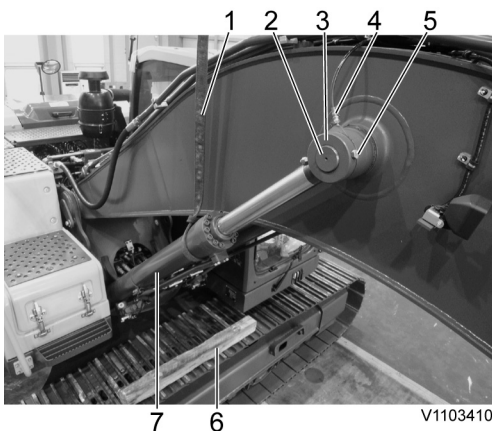
WARNING

When the engine is running, the hydraulic line is under high pressure. Stop the engine, and release the residual pressure by operating the control lever.

NOTE!

Plug all disconnected hoses to prevent oil leakage and contamination from entering the hydraulic system.

2. Hold one boom cylinder with hoist.

**Figure 1**

Boom cylinder, removal

1. Hoist
2. Boom cylinder rod pin
3. Lock collar
4. Grease hose
5. Lock screw
6. Wooden block
7. Boom cylinder

3. Remove the grease hose on the boom cylinder rod.
4. Remove the lock screw and the lock collar, then push the pin to opposite side to remove it from the cylinder rod.
5. Retract the boom cylinder rod fully and fix securely.

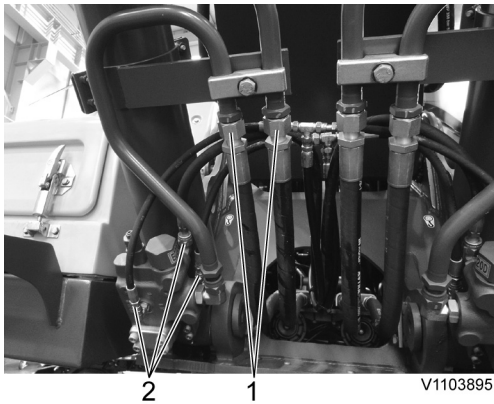


Figure 2
Boom cylinder, removal

1. Cylinder hose
2. Rupture valve hose



When the engine is running, the hydraulic line is under high pressure. Stop the engine, and release the residual pressure by operating the control lever.

6. Remove the boom cylinder hose and rupture valve hose.
7. Lower the boom cylinder onto wooden block with hoist.