

Document Title: Boom cylinder, replacing	Function Group: 9743	Information Type: Service Information	Date: 8/8/2024
Profile: EC480D L Volvo			

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Boom cylinder, replacing

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
EC480D L Volvo	Changwon	270001	276729
EC480D L Volvo	Changwon	280001	284321

Op nbr 974-021

Total procedure time (hr): 3.00

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 preventing oil leakage and contamination from entering the hydraulic system.

2. Hold the boom cylinder with hoist.

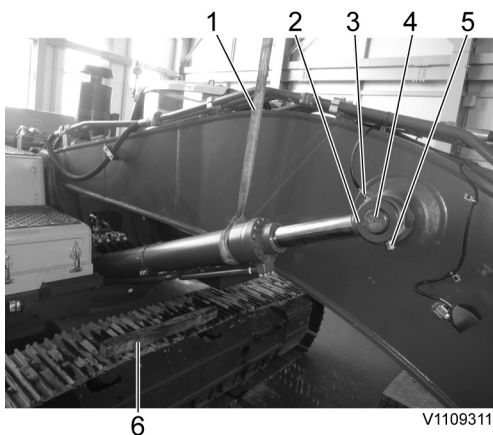


Figure 1
Boom cylinder, removal

1. Hoist

2. Lock collar
3. Grease hose
4. Pin
5. Lock screw
6. Wooden block

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

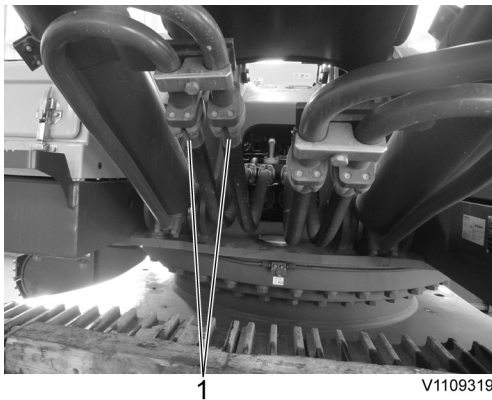


Figure 2
Boom cylinder, removal

1. Hoses

7. Lower the boom cylinder onto wooden block with hoist.
8. Hold boom cylinder with hoist again.

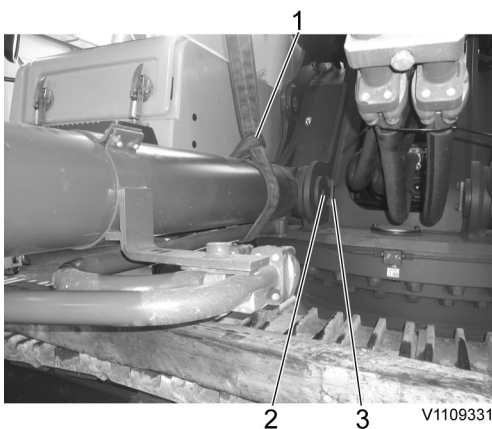


Figure 3
Boom cylinder, removal

1. Hoist
2. Pin
3. Lock plate