Document Title:  Boom cylinder protecting guard, removal	•	, , , , , , , , , , , , , , , , , , ,	Date: <b>2014/8/29</b>
Profile: EXC, EC240C LD [GB]			

# **Boom cylinder protecting guard, removal**

## Op nbr 715-019

1. Park the machine in the service position B, see <u>091 Service positions</u>

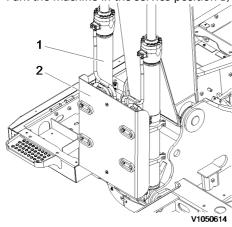


Figure 1
Position, boom cylinders

- 2. Raise boom cylinders (1), to Vertical position and stop engine.
- 3. Install I-bolt and sling guard (2) securely with a hoist.

### NOTE!

Guard weight: 64 kg (141 lbs)



The parts are heavy. Take appropriate safety cautions when handling them.

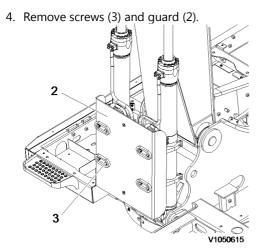


Figure 2 Remove, guard

5. Remove screws (4) and clamps (5).

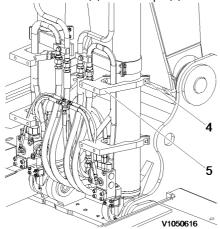


Figure 3 Remove, clamp



Document Title:  Boom cylinder protecting guard, installation	'	Information Type: Service Information	Date: <b>2014/8/29</b>
Profile: EXC, EC240C LD [GB]			

# Boom cylinder protecting guard, installation

## Op nbr 715-020

1. Park the machine in the service position B, see <a href="tel:091 Service positions">091 Service positions</a>.

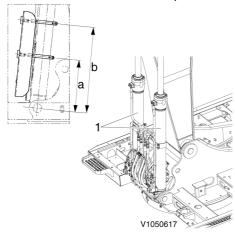


Figure 1 Marking, clamp position

- a. 545 +5 mm (21 +0.2 in)
- b.  $905 \pm 5 \text{ mm} (36 \pm 0.2 \text{ in})$
- 2. Raise boom cylinders (1), to Vertical position and stop engine.
- 3. Mark clamp location on each the boom cylinder (1).
- 4. Install screws (3) and clamps (2), don't over tighten the clamps (2).

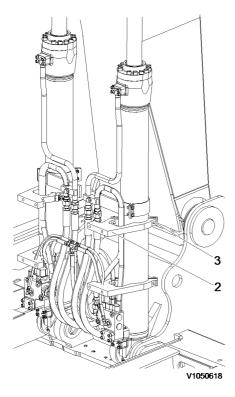


Figure 2 Install, clamp

5. Sling guard (4) securely with a hoists and install screws (5).

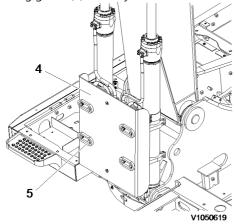


Figure 3 Install, guard NOTE!

Apply loctite on screws (5).

## NOTE!

Guard weight: 64 kg (141 lbs)

Tightening torque: 262 ±26 Nm (193 ±19 lbf ft)



The parts are heavy. Take appropriate safety cautions when handling them.

6. Before installing screws (6) apply loctite.

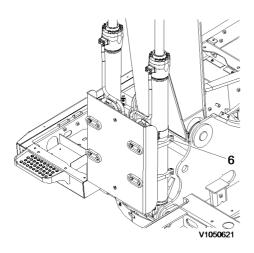


Figure 4 Install, clamp screw NOTE!

Tightening torque: 262 ±26 Nm (193 ±19 lbf ft)

7. Check for interference of guard by operating the boom cylinders.



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## **Bucket cylinder protecting guard, removal**

## Op nbr 715-023

1. Park the machine in the service position A, see <u>091 Service positions</u>

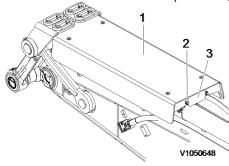


Figure 1 Remove, cover

- 2. Install I-bolts and sling guard (1) securely with a hoist. Remove screws (2) and cover (3).
- 3. Remove screws (6) and guard (5).

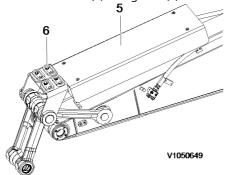


Figure 2 Remove, guard



The parts are heavy. Take appropriate safety cautions when handling them.

#### NOTE!

Guard (5) weight: 118 kg (260 lbs)

4. Remove screws (6), collars (7) and links (8).

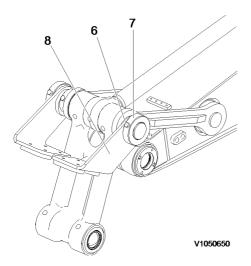


Figure 3 Remove, links

5. Remove screws (9) and plates (10).

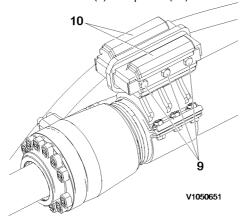


Figure 4 Remove, plates

6. Remove screws (11) and clamp (12).

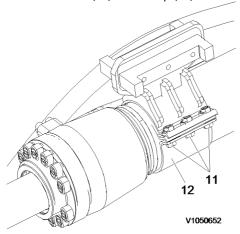


Figure 5 Remove, clamp

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## **Bucket cylinder protecting guard, removal**

## Op nbr 715-023

1. Park the machine in the service position A. See <u>091 Service positions</u>

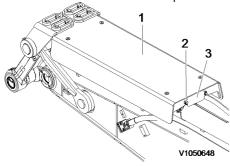


Figure 1 Remove, cover

- 1. Sling guard
- 2. Screws
- 3. Cover
- 2. Install the I-bolts and sling guard securely with a hoist. Remove the screws and cover.
- 3. Remove the screws and guard.

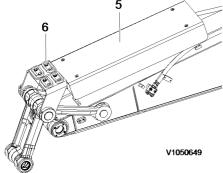


Figure 2 Remove, guard 5. Guard

6. Screws



The parts are heavy. Take appropriate safety cautions when handling them.

NOTE!

4. Remove the screws, collars and links.

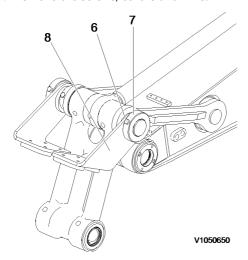


Figure 3 Remove, links

- 6. Screws
- 7. Collars
- 8. Links

5. Remove the screws and plates.

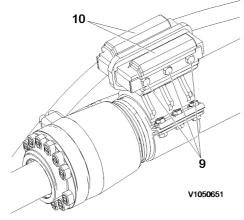
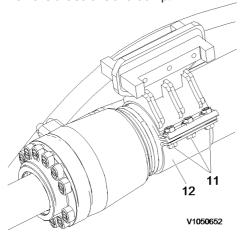


Figure 4
Remove, plates
9. Screws

10. Plates

6. Remove the screws and clamp.



# Figure 5 Remove, clamp 11. Screws

12. Clamp

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