

Lubrication plan

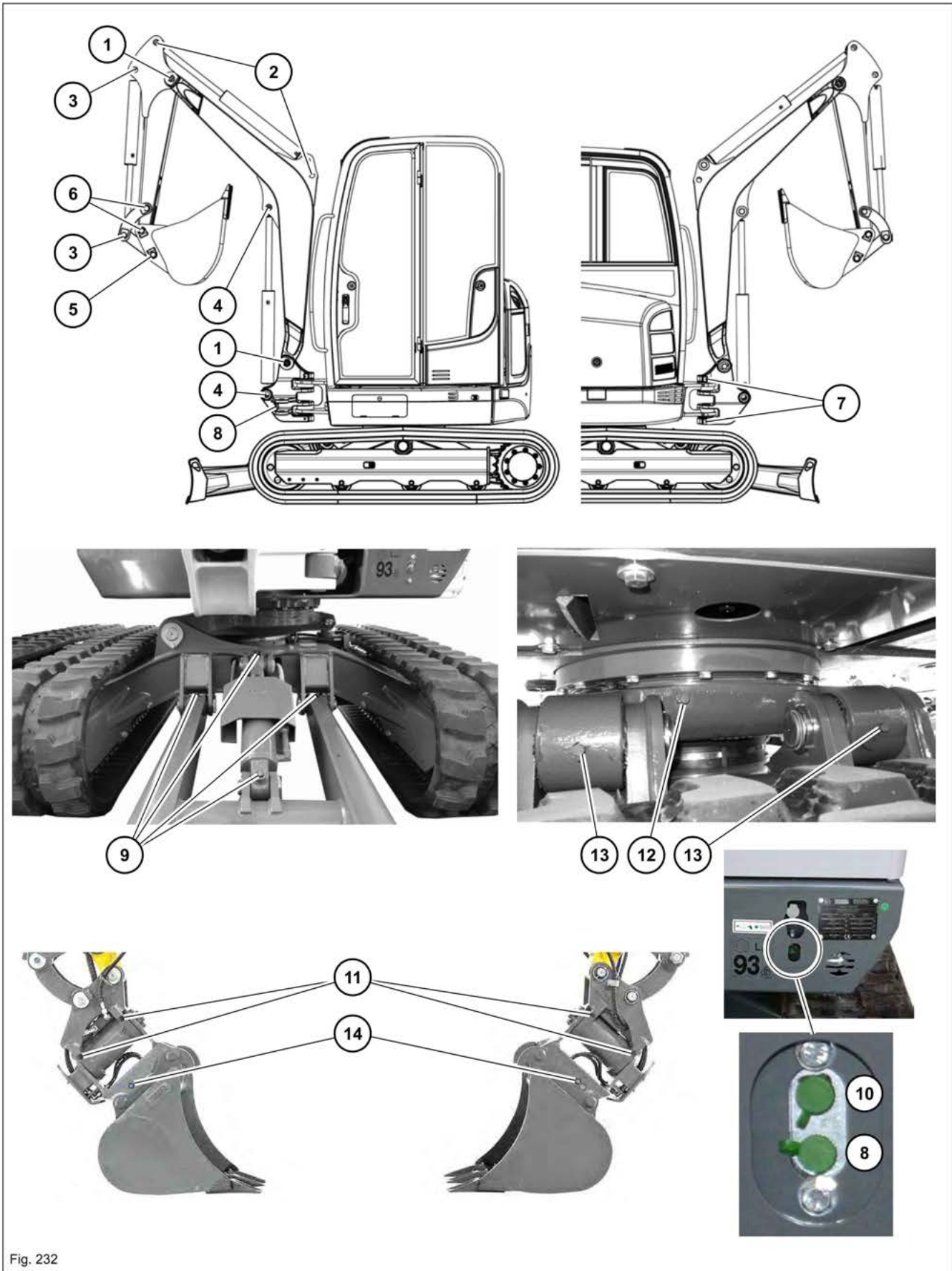
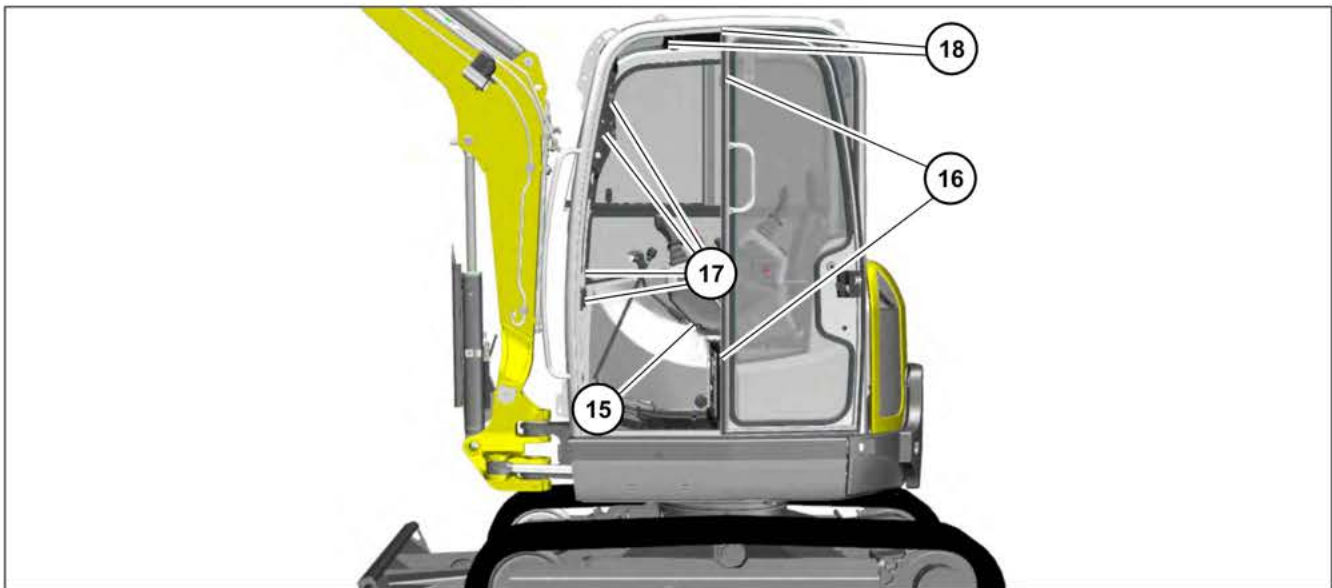


Fig. 232



Position	Lubrication point	Interval	Quantity
1.	Boom	Daily	2
2.	Stick cylinder	Daily	2
3.	Bucket cylinder	Daily	2
4.	Boom cylinder	Daily	2
5.	Joint rod	Daily	1
6.	Shovel arm	Daily	2
7.	Swiveling console	Daily	2
8.	Swiveling cylinder	Daily	2
9.	Stabilizer blade/cylinder	Daily	4
10.	Live ring (ball bearing)	Every week	1
11.	Powerlift	Daily	4
12.	VDS live ring gear	Every week	1
13.	VDS	Every week	2
14.	Hydraulic quickhitch	Daily	2
	Attachment of the tool holder for the hydraulic quickhitch system	Every week	--
15.	Control lever base	Every week	3
16.	Door hinges	Every week	2
17.	Pin lock notch and lock	Every week	4
18.	Front window rail	Every week	2

Live ring (ball bearing)

DANGER

Crushing hazard during lubrication!

Serious crushing hazard causing death or serious injury.

- ▶ No one must be in the danger zone during upper carriage rotation.
- ▶ Do not tilt the superstructure with the **VDS** option.

The lubrication points are located on the left on the superstructure.

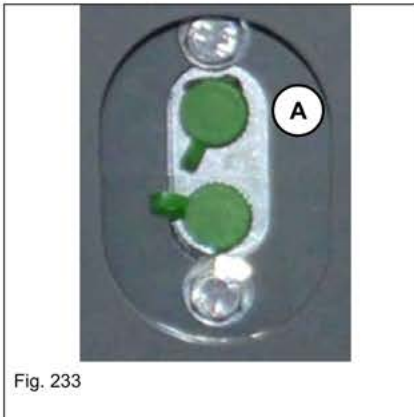


Fig. 233

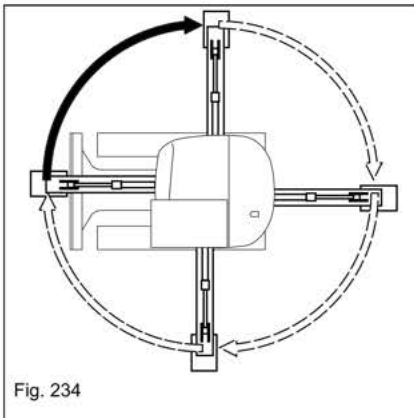


Fig. 234

1. Park the vehicle on firm, level, and horizontal ground.
2. Lower the boom and the stabilizer blade to the ground.
3. Stop the engine, remove the starting key and carry it with you.
4. Apply grease to lubrication point **A** with two strokes of the grease gun.
5. Start the engine, raise the boom and the stabilizer blade.
6. Rotate the upper carriage by 90°.
7. Repeat steps 2-6 three times until the revolving upper carriage is back in its initial position.
8. Rotate the upper carriage several times by 360°.

Teeth of live ring VDS

DANGER

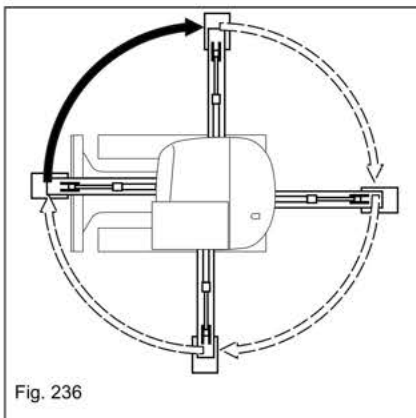
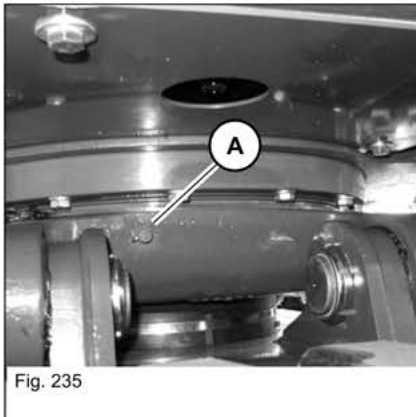
Crushing hazard during lubrication!

Serious crushing hazard causing death or serious injury.

- ▶ No one must be in the danger zone during upper carriage rotation.
- ▶ Do not tilt the superstructure with the **VDS** option.

The lubrication point is located at the right on the VDS console.

1. Park the vehicle on firm, level, and horizontal ground.
2. Lower the boom and the stabilizer blade to the ground.
3. Stop the engine, remove the starting key and carry it with you.
4. Apply grease to lubrication point **A** with two strokes of the grease gun.



5. Start the engine, raise the boom and the stabilizer blade.
6. Rotate the upper carriage by 90°.
7. Repeat steps 2-6 three times until the revolving upper carriage is back in its initial position.