

Work Equipment

TELESCOPIC ARM

! DANGER

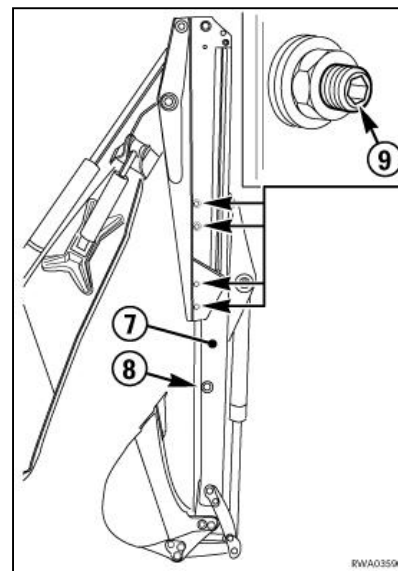
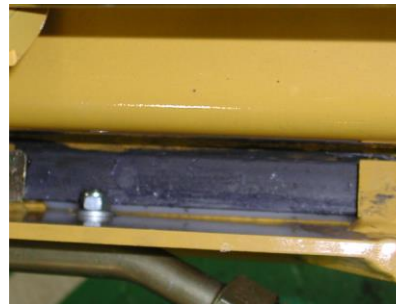
- Before releasing and extending the arm, make sure that the stabilizers rest on firm ground.
- If possible, work with the backhoe centred on the guides and unload the material as near the machine as possible.
- If it is necessary to work with misaligned backhoe or with the backhoe completely shifted on the guides, operate slowly when swinging the arm to unload the material on the misaligned side; in this condition, the machine may lose stability.
- Do not use the arm retracting cylinder to increase the bucket tearing force when digging.

ADJUSTING THE GUIDE SLACK

DANGER

- When leaving the operator's seat for the adjustment of the guides, remove the ignition key.
 - Adjust the screws and guides one by one.
 - Do not place tools in the space between the safety locks and the arm.
- 1- Position the machine on flat ground and lower the stabilizer.
 - 2- Raise the boom, fold the bucket completely and extend the telescopic part (7) completely.
 - 3- Fold the arm until the slide guides (8) are perpendicular to the ground and in any case positioned so that the extendable part is completely free and does not strain the guides.
 - 4- Stop the engine.
 - 5- Check the side on which the adjusting dowels (9) of the guides protrude more. Adjust by working in this side only.

Material: special rigid plastic.

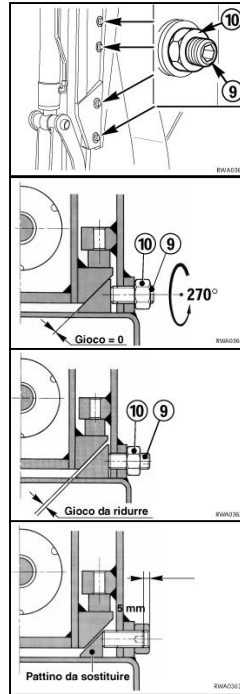


CAUTIONS

- If the adjusting dowels (9) protrude to the same extent on the two sides, the operation described at point 6 can be carried out either on the right or left side.
- 6 Loosen the four lock nuts (10) and tighten the adjusting dowels (9) thoroughly, until taking up the slack completely. (Use a 27 mm spanner and 8 mm hexagon spanner).
 - 7 Starting from the centre position, loosen the adjusting dowels (9) by 270° (3/4 turn) and lock them with the lock nuts (10).
 - 8 Start the machine, extend and retract the telescopic arm more than once to make sure that it slides correctly.

CAUTIONS

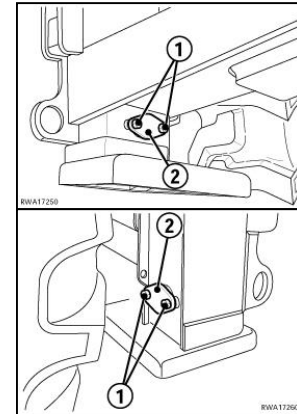
- The wear limit allowed for the shoes is represented by the minimum engagement of the adjusting dowels (9) in the lock nuts; the shoes must be replaced when the heads of the dowels (9) are 5mm back with respect to the lock nuts (10)
- Do not take up the slack completely, to prevent the guides from seizing
- After the adjustment, lubricate the guides.



CHECKING AND ADJUSTING THE STABILIZER SLACK

! DANGER

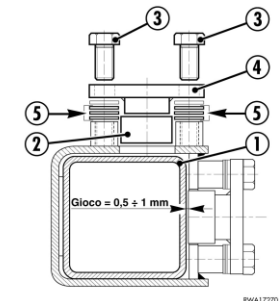
- When leaving the operator's seat during the adjustment of the guides, remove the ignition key
1. Position the machine on level ground, raise the stabilizer completely, engage all the safety locks and stop the engine.
 2. Manually push and pull each stabilizer and make sure that there is no slack between the guide and the adjusting shoe. If necessary, slightly and uniformly tighten adjusting nuts (1) until taking up the slack. Adjust both longitudinal and the transversal slack.



If the slack exceeds the fixed value, loosen the screws (3), remove the adjusting plate (4) and remove one or more washers (5) from both the adjusting points, according to the need.

During the adjustment, check the condition of the adjusting shoe (2) and replace it if it is worn.

After putting back the washers (5), the plate (4) and the fastening screws (3) in the given order, make sure that the slack is now within the prescribed values.

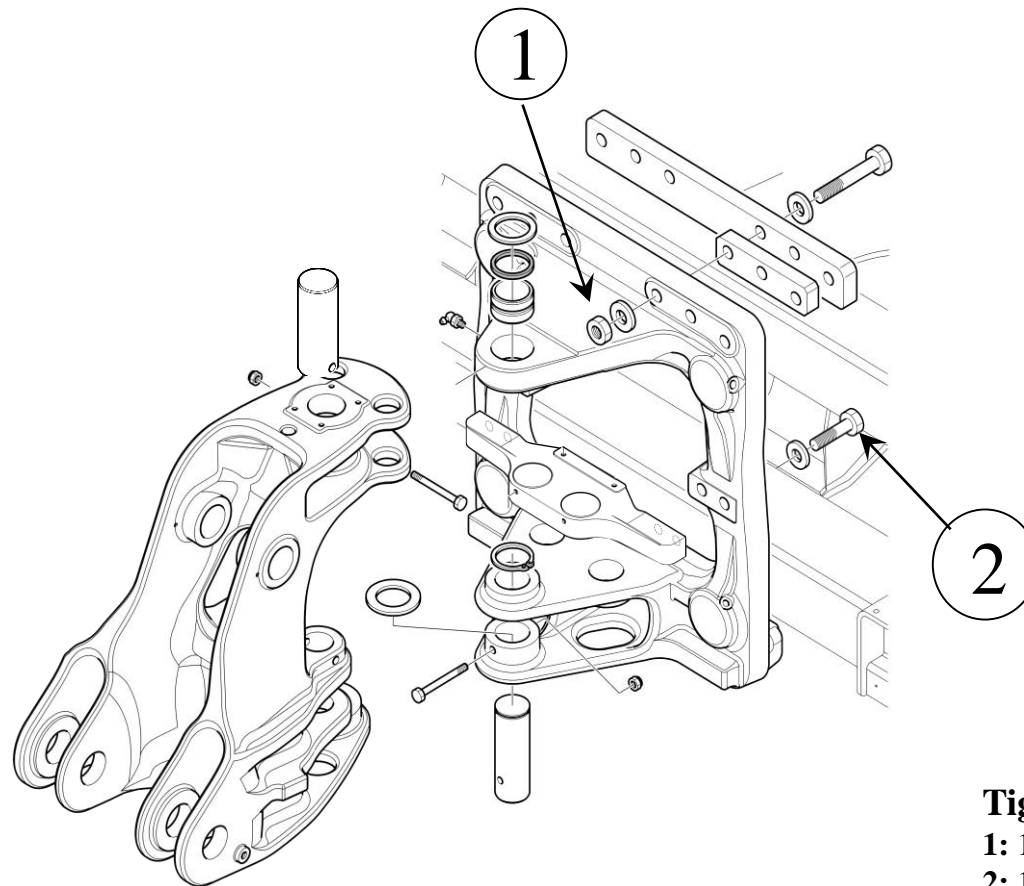


Front Loader 4 x1 Bucket

Working pressure: 218 BAR

Capacity : 1,0 m³



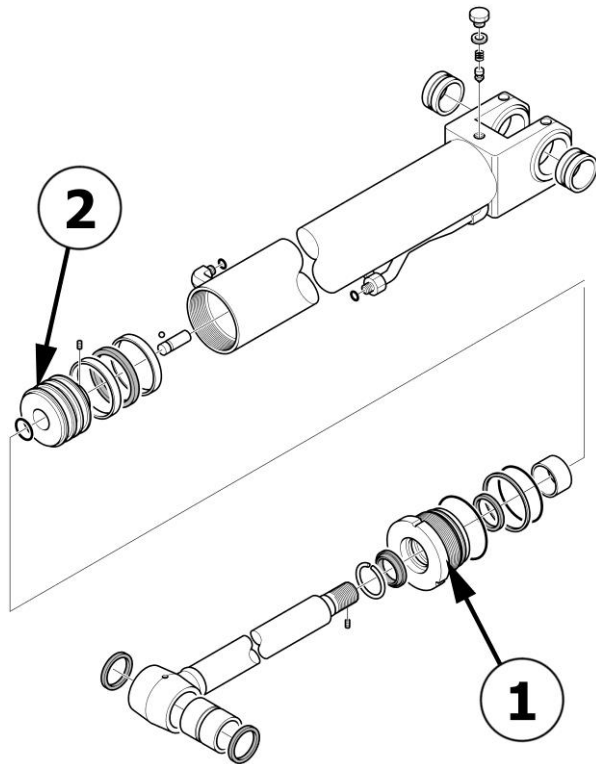


Tightening Torque

1: 1000 Nm (102Kgf)

2: 1000 Nm (102Kgf)

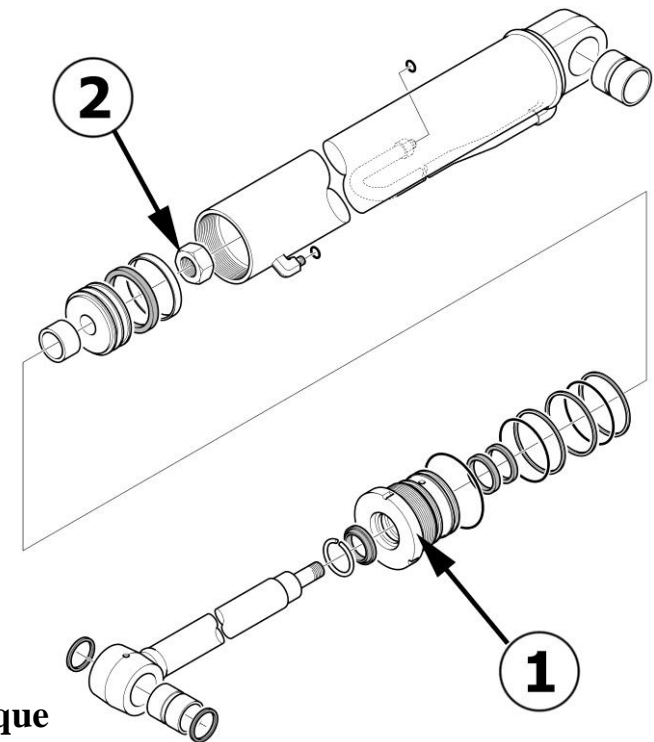
Boom Cylinder



Tightening Torque

- 1: 95÷100 Kgm
- 2: 280÷290 Kgm

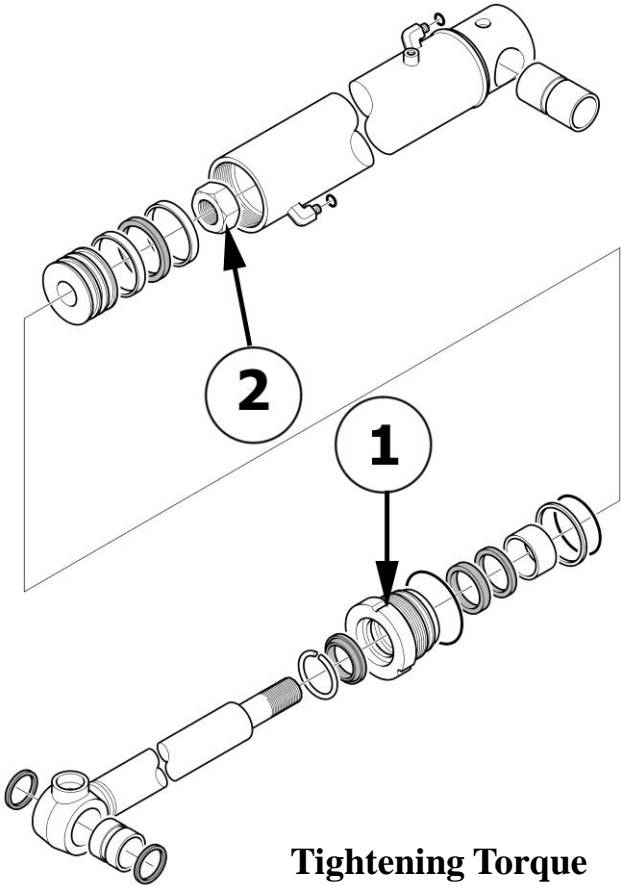
Arm Cylinder



Tightening Torque

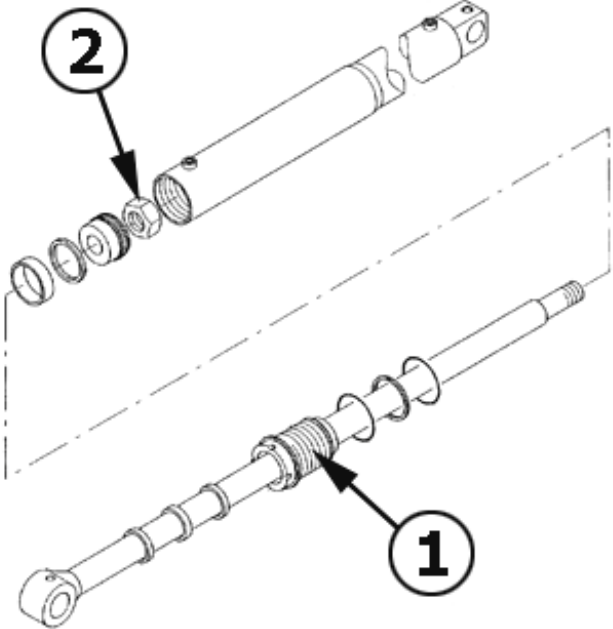
- 1: 95÷100 Kgm
- 2: 290±29 Kgm

Bucket Cylinder



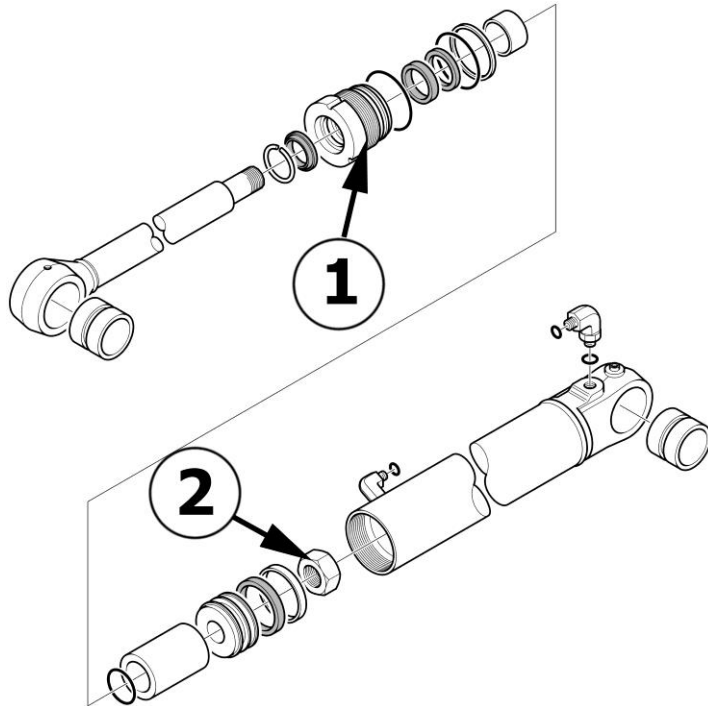
Tightening Torque
1: 95÷100 Kgm
2: 290±29 Kgm

Jig Arm Cylinder



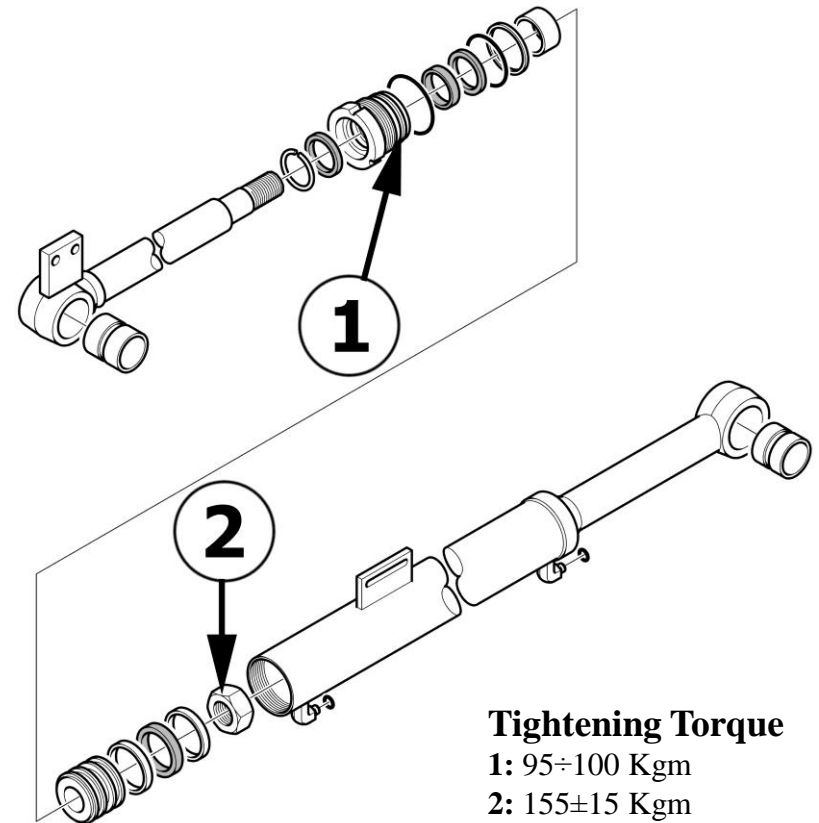
Tightening Torque
1: 95÷100 Kgm
2: 155±15,5 Kgm

Raising Cylinder



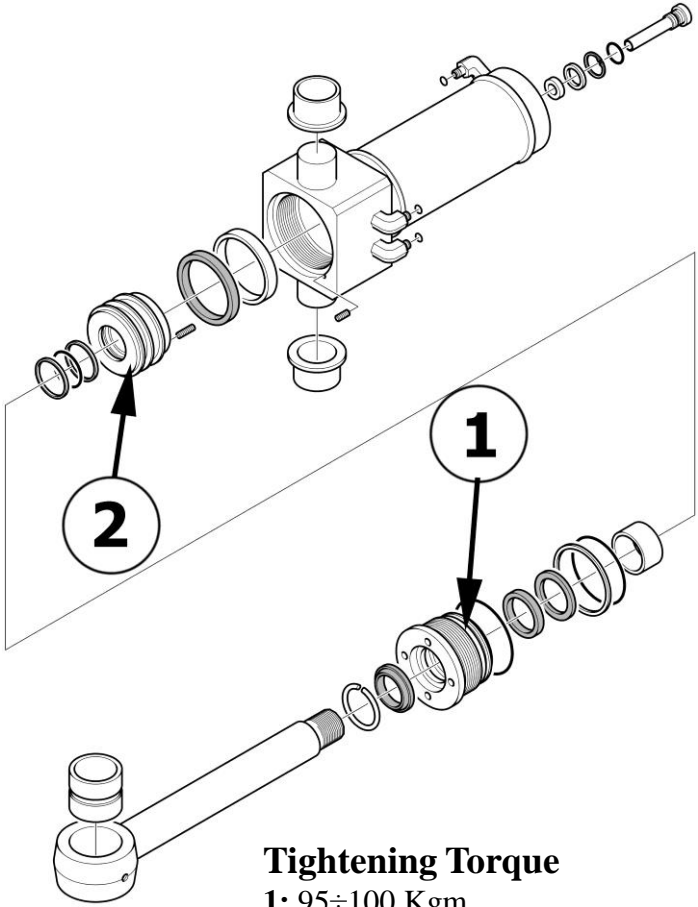
Tightening Torque
1: $95 \div 100$ Kgm
2: 290 ± 29 Kgm

Dumping Cylinder



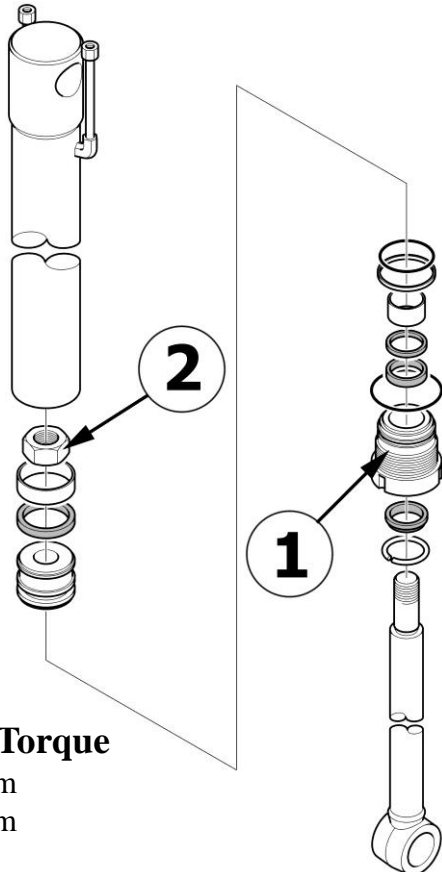
Tightening Torque
1: $95 \div 100$ Kgm
2: 155 ± 15 Kgm

Swing Cylinder



Tightening Torque
1: 95÷100 Kgm
2: 150±10 Kgm

Outrigger Cylinder



Tightening Torque
1: 95÷100 Kgm
2: 155±15 Kgm

Material specific weight: 1.8 t/m³

MACHINE

EQUIPMENT	MAX. WEIGHT kg	MAX. DIMENSIONS		MAX. SAE CAPACITY cu.m (cu.yd.)	MAX. OPERATING PRESSURE bar (psi)	MAX. FLOW RATE l/min. (gpm)
		Width mm (inch)	Height mm (inch)			
Front bucket	450	2320	940	1.1	—	—
Front multipurpose bucket	750	2340	1015	1.0	218	75
Forks on front bucket	190	●	●	□	—	—
Pallet forks	320	1800	800	■	—	—

BACKHOE

Backhoe bucket	200	930	—	0.305	—	—
Ditch-cleaning bucket	220	1600	—	0.250	—	—
Trapezoidal bucket	190	2100	900	0.300	—	—
Hydraulic hammer	400	—	—	—	160	80
Drill	360	800 *	2000 ▲	—	200	120
Clamshell bucket	350	650	1800	0.200	200	120

- Fork length 1140 mm (44.9 inch)
- Max. capacity 2000 kg (4409 lb)
- Max capacity 2500 kg (5511lb)
- * Measure referred to the tool diameter
- ▲ Measure referred to the tool length

Customer Service Department