Operator's Manual

Compact loaders

501s/701s/701sp



Machine models	**501s/701s/701sp**
Edition	**3.0**
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WACKER NEUSON

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Locking the auxiliary hydraulics pedal

Danger!

In order to avoid unintentional operation of the auxiliary hydraulics pedals, always lock the lock lever used for locking the auxiliary hydraulics if it is not used, otherwise –

Danger of accidents!

☞ *Always lock the auxiliary hydraulics pedal if it is not needed*

The auxiliary hydraulics pedals cannot be used if they are locked.



Fig. 89: Auxiliary hydraulics lock (model 501)

Locking and unlocking the auxiliary hydraulics pedal (model 501)

☞ *Lock the auxiliary hydraulics pedal as follows:*

☞ Insert safety pin **A** in the hinge of the pedal

➥ Pedal is locked

☞ *Unlock the auxiliary hydraulics pedal as follows:*

☞ Pull safety pin **A** out of the hinge of the pedal

➥ Pedal is unlocked

Notice!

The safety pin is secured with a cable. If this cable should be damaged or lost, replace it immediately.

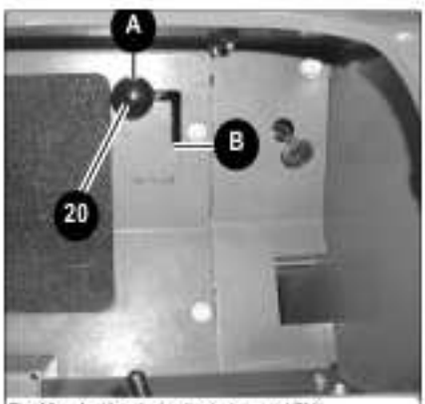


Fig. 90: Auxiliary hydraulics lock (model 701)

Locking and unlocking the auxiliary hydraulics pedal (model 701)

☞ *Lock the auxiliary hydraulics pedal as follows:*

☞ Slide lock lever **20** to position **A**

➥ Pedal is locked

☞ *Unlock the auxiliary hydraulics pedal as follows:*

☞ Slide lock lever **20** to position **B**

➥ Pedal is unlocked

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Maintenance strut of loader unit

Danger!

Carrying out maintenance work on the (raised) loader unit without installing the maintenance strut –

Danger of accidents!

☞ *Always use the maintenance strut when carrying out maintenance work on the (raised) loader unit*

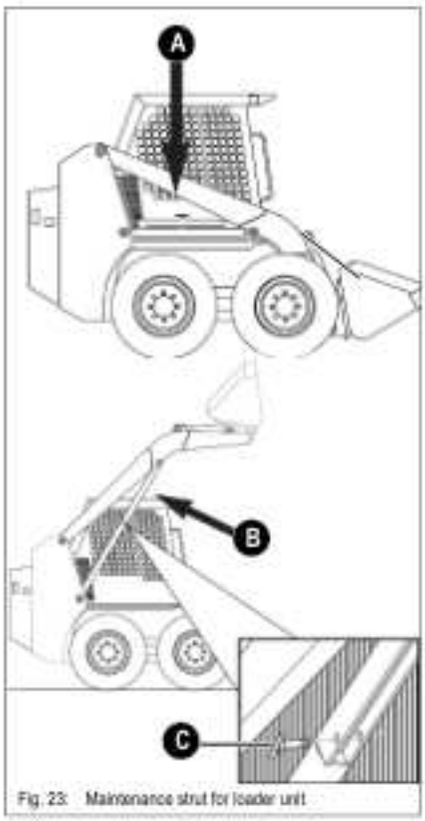


Fig. 23: Maintenance strut for loader unit

☞ *Mount the maintenance strut as follows:*

- Apply the parking brake
- Raise the loader unit all the way up
- Tilt in the bucket
- Stop the engine
- Remove the key
- Fold up the safety bar
- Carefully leave the machine making sure no control levers are operated unintentionally
- Slacken the lock screw of the maintenance strut
- Mount the maintenance strut on lift ram **B** of the loader unit
- Secure the maintenance strut with lock screw **C**

Notice!

Do not tilt the cab if the maintenance strut is raised!

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6 Specifications

6.1 Chassis

Sturdy steel sheet chassis, rubber-mounted engine

6.2 Engine

Engine	Model 501s	Model 501s with hydraulic pilot control	Model 701s	Model 701sp (option)
Product	Yanmar diesel engine			
Type	3TNV88		4TNV88	4TNV84T (turbocharged engine)
Design	Water-cooled 4 stroke diesel engine			
No. of cylinders	3		4	
Displacement	1642 cm³		2190 cm³	1995 cm³
Nominal bore and stroke	88 x 90 mm			84 x 90 mm
Output	26.4 kW at 3000 rpm		33.6 kW at 2800 rpm	38.5 kW at 2800 rpm
Max. torque	100.0 – 108.9 Nm at 1680 rpm		133.4 – 146.1 Nm at 1680 rpm	149.1 – 162.8 Nm at 1680 rpm
Max. engine speed without load	3200 +/- 25 rpm		3000 +/- 25 rpm	2995 +/- 25 rpm
Idling speed	1000 +/- 25 rpm			1100 +/- 25 rpm
Specific fuel consumption	261 g/kW-h		258 g/kW-h	268 g/kW-h
Firing order	1 – 3 – 2		1 – 3 – 4 – 2	
Fuel injection system	Direct injection			
Starting aid	Preheater (preheating time 10 – 15 seconds)			
Max. inclined position (engine no longer supplied with oil):	30° in all directions Observe tilting limit (20° lateral) of the machine!			
Diesel tank capacity	45 l		52 l	
Exhaust values according to	97/68 EC EPA II ECE-R24			

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3.8 Instrument panel legend

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