ML43 Wheel Loader



OPERATOR'S MANUAL

Form No. 909891

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Mustang ML43 Wheel Loader Operator Manual (909891)

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Machine: Wheel Loader

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Main contents

- Introduction
- Safety instructions
- Operation
- Troubleshooting
- Maintenance
- Helpful information for using the service parts list
- Specifications
- Annex
- Index

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Sample pages follow. Full manual: machinecatalogic.com

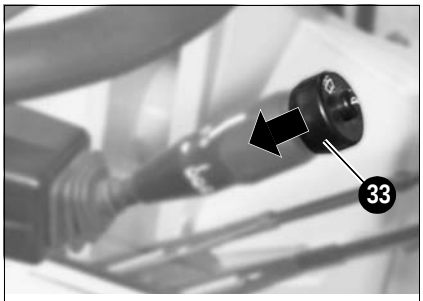

Fig. 31: Actuating the washer pump

Actuate washer pump with tip switch 33

Tip switch 33	Effect
☞ *Slide to the left and hold*	➥ Washer pump **ON**
☞ *Release*	➥ Washer pump **OFF**

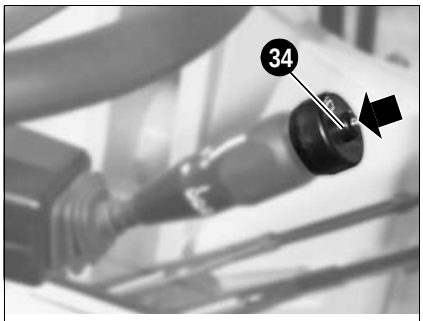

Fig. 32: Actuating the horn

Sound horn with tip switch 34

Tip switch 34	Effect
☞ *Press*	➥ Horn **ON**
☞ *Release*	➥ Horn **OFF**

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5.5 Air filter

Important!

Do not clean the air filter cartridge. The air filter cartridge will be damaged if it is washed or brushed out! Dust on the clean side of the filter causes accelerated engine wear!

☞ *Replace the filter cartridge when the warning light comes on!*

☞ *Never reuse damaged filter cartridges. Replace them if you are unsure!*

☞ *Ensure cleanliness when replacing the filter cartridge!*

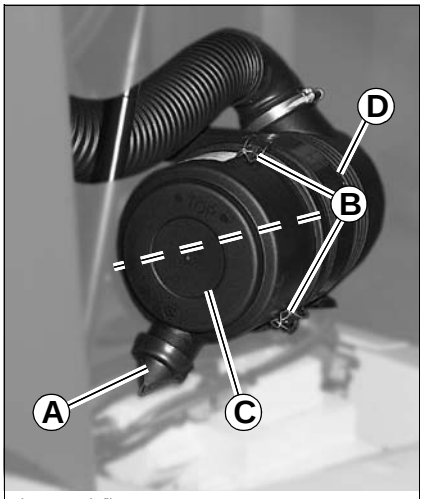

Fig. 144: Air filter

Warning Light 19/**37** on the instrument panel monitors the filter cartridge. The filter cartridge must be replaced:

- If warning light 19/**37** comes on, or
- At the latest after 1200 service hours or once every year.

NOTE:

The air filter can be fitted with an optional safety cartridge for **applications in especially dusty environment**. It is not possible to clean the safety cartridge. Replace the safety cartridge every third time maintenance work is carried out!

Important!

The filter cartridge may degrade prematurely when used in acidic air for long periods of time. This risk is present for example in acid production facilities, steel and aluminium mills, chemical plants and other nonferrous-metal plants.

☞ ***Use optional induction system when working in an environment with increased dust (option)***

☞ *Replace the filter cartridge and the* safety cartridge *(option) as per warning light 19/**37**, or after 300 service hours at the latest!*

☞ *Clean dust valve **A** regularly according to the maintenance plan!*

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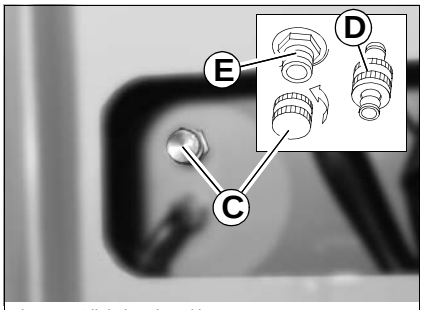

Fig. 151: Oil drain valve with cap

Under the rear end of the machine:

- Place a suitable container to collect the oil as it drains, with a minimum capacity of 15 gallons (55 liters)
- Remove filler cap **C** of the oil drain valve
- Screw oil drain coupling **D** onto the oil drain valve, with a sufficiently long hose, making sure the end of the hose is in the container

  ➥Oil drain valve **E** opens and the oil drains into the container
- Flush out the hydraulic oil tank with a small amount of hydraulic oil
- Remove oil drain coupling **D** on oil drain valve **E**
- Screw on filler cap **C** of the oil drain valve
- Replace the hydraulic oil return filter– see *Hydraulic oil return filter* on page 5-20
- Check the whether the filling screen is intact

Important!

If the hydraulic oil is contaminated, there is a risk of severe damage in the hydraulic system.

☞ *Always add hydraulic oil using the filling screen!*

- Fill the system with fresh hydraulic oil up to the middle 149/**A** of the oil level sight glass
- Screw on cover 150/**B** of the hydraulic oil tank
- Start the engine

At a low engine speed:

- Fully extend the lift and tilt cylinders on the telescopic unit
- Turn the steering wheel to the left and right several times, from lock to lock
- Retract all the hydraulic cylinders again
- Switch off the engine
- Check the hydraulic oil level again and top up again if necessary

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