ML28

Beginning Serial Number:
341020017

ALL-WHEEL-STEER LOADER

OPERATOR'S MANUAL

PART #918131

Revision B - 02/07

Mustang Manufacturing Company, Inc.

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Mustang ML28 All-Wheel-Steer Loader Operator Manual (918131B)

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Main contents

- Introduction
- Safety instructions
- Operation
- Troubleshooting
- Maintenance
- Specifications

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Sample pages follow. Full manual: machinecatalogic.com

Serial number plate locations

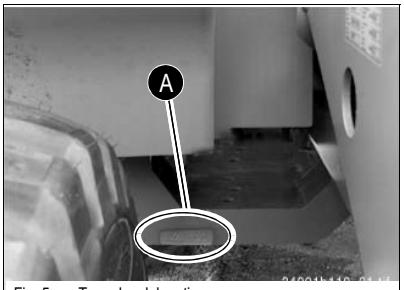


Fig. 5: Type decal: location

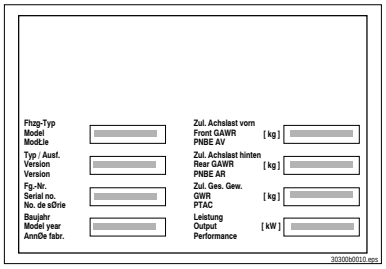


Fig. 6: Type decal



Fig. 7: Cab type decal



Fig. 8: Diesel engine number

Serial number

The serial number is stamped onto the machine frame (fig. 5/**A**), and is also located on the type decal (fig. 6).

The type decal is located at the front right of the frame (on one side of the cab bulkhead).

Type decal information

Example: Model ML28

Machine model:	ML28
Version:	342 01
Serial no.:	342 01 0090
Model year:	2004
Front gross axle weight rating:	3527 lbs. (1600 kg)
Rear gross axle weight rating:	3527 lbs. (1600 kg)
Gross weight rating:	5071 lbs. (2300 kg)
Output:	38 hp (28 kW)

Other information– *see Specifications* on page 141.

Cab number

The type decal (arrow) is located in the cab, on the top right frame member.

Engine number

The type decal (arrow) is located on the engine cylinder-head cover.

Example: Yanmar 46557

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ROPS bar (option)

Important safety information

DANGER!

Do not drive or work with the ROPS bar folded down –

Risk of personal injury.

☞ **Always** fold up and lock the ROPS bar during normal operation.

☞ *Never use a wheel machine fitted with ROPS bar in the area of falling objects.*

Folding down the ROPS bar

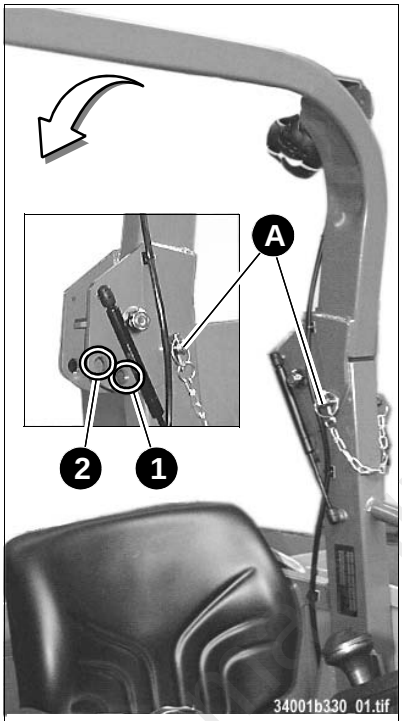


Fig. 70: Folding down the ROPS bar

Removing lock pins **A**.

☞ *Hold the ROPS bar.*

➥ A gas strut holds the ROPS bar in its position by applying slight pressure.

☞ *Release and remove lock pins* **A** *on the left and right.*

☞ *Fold back the ROPS bar.*

➥ Position **1** For opening the engine cover.

➥ Position **2** Clearance height – **max. 78" (1985 mm)**.

☞ *Mount the lock pins* **A** *in the required positions and secure them with hinged split pins.*

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Diesel fuel specification

Only use high-grade fuels.

Grade	Cetane number	Use
No. 2-D according to DIN 51601.	Min. 45	For normal outside temperatures.
No. 1-D according to DIN 51601.		For outside temperatures below 39 °F (4 °C) or for operation above 4'9" (1500 m) altitude.

Bleeding the fuel system

DANGER!

If the fuel, as it drains, comes into contact with hot engine parts or the exhaust system, there is an increased:

Risk of burns.

☞ *Never bleed the fuel system if the engine is hot.*

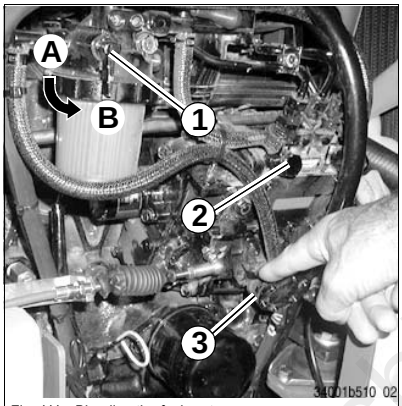


Fig. 111: Bleeding the fuel system

Bleed the fuel system in the following cases:

- After removing the fuel filter or prefilter, and removing and fitting the fuel lines back on again:
- After running the fuel tank empty.
- After running the engine again, after it has been out of service for a long period of time.

☞ *Bleed the fuel system as follows:*

- Fill the fuel tank.
- Open fuel cock **1** on the fuel filter. To do this: Turn lever from **A** to **B**.
- Slacken bleed screw **2** on the injection pump by a few turns.
- Turn the lever on fuel pump **3** manually until the fuel comes out free of air from the slackened bleed screw.
- Tighten bleed screw **2** on the fuel injection pump.
- Start the engine – *see Starting the engine* on page 43.

If the engine does not run smoothly or stops:

- Turn off the engine.
- Check once again if there is any air in the fuel system.
- Bleed the fuel system again as described above.
- Have the engine checked by authorized service technicians.

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