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RB 130 • 140 • 160

Use and Maintenance

Use and Maintenance – RB 130 • 140 • 160 – GB – 10.2007

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SAFETY

FOREWORD

CLAAS Tractors are designed and built to give you optimum service over many years. They are designed to provide the most comfortable and safe working conditions.

However, accidents can easily happen in agricultural work. It is important to know the dangers and how to avoid them.

We respectively draw your attention to certain aspects that merit constant attention (non exhaustive list).

PRECAUTIONS BEFORE STARTING

Caution is the best guarantee against any risk of accident.

The driver must be fully familiar with the tractor and must understand all the controls, their position and their purpose. This manual must be read carefully.

If the tractor is used by anybody other than the owner, he must be given all explanations required to allow him to work safely.

The driving position must be clean (instrument panel, steering wheel, floor and pedals).

Footsteps must be clean (no mud) to avoid slipping when climbing or descending.

Use the steps and handles provided when getting into or out of the tractor.

Before starting the engine, make sure that all controls are in the neutral position, particularly the power take-off lever.

Only run the engine in well ventilated areas.

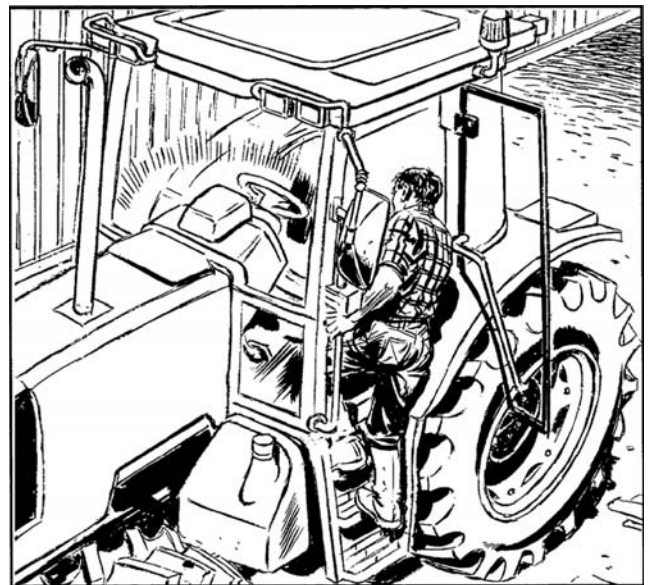
Make sure there is nobody nearby before starting the tractor.

Fully release the handbrake before starting.

Do not start work if the tractor is not working properly.



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001hsn04

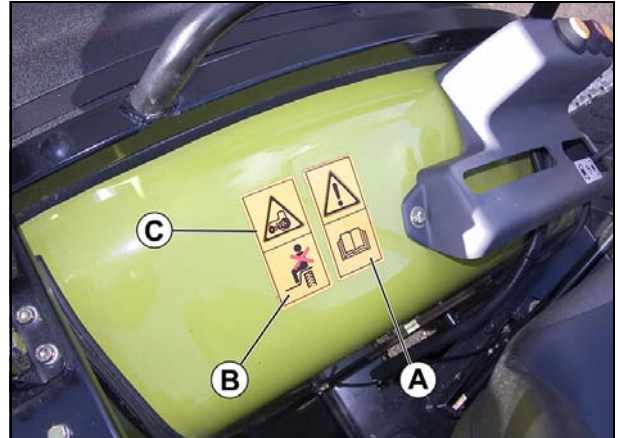


SAFETY STICKERS WITH WARNING PICTOGRAMS

Warning stickers are placed at all the dangerous points on the machine (according to regulations in force in the country). The pictograms represented on these stickers are to warn about risks of injury, and they show the correct attitude to adopt to avoid injury and accidents.

See the photos opposite for the correct location of the stickers on the tractor:

- A: Warning:
 - Read the user's manual carefully before using the tractor.
- B: Warning:
 - Passenger transport is not authorized.
- C : Warning :
 - Do not climb onto the tractor while it is moving.



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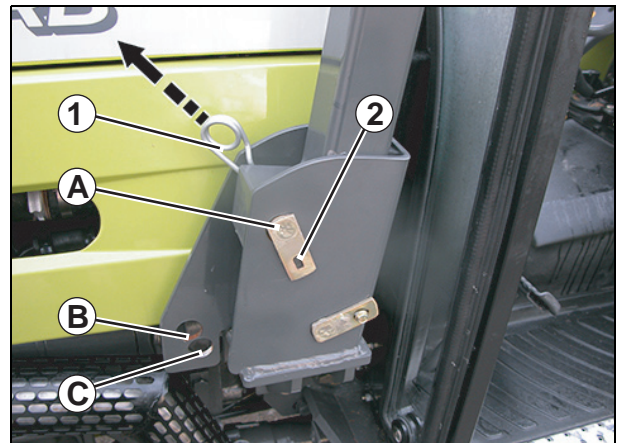


FOLDING ROLL BAR

Under normal working conditions, the roll bar should always be positioned vertically. When working where there is limited headroom, the roll bar may be folded down. As soon as working conditions permit, the roll bar must be raised.

To lower or raise the roll bar:

- Remove the pin (1),
- Remove the lock pin from both sides (2) (position (A)).
- Lower or raise the roll bar slowly and carefully.
- To lower the roll bar without interfering with front lifting, fit the stop pin Position (B).
- Refit the lock pins on both sides in the new position (C).



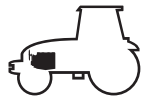
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361rsn060



D - ENGINE



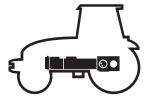
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TABLES OF FORWARD SPEEDS

The forward speeds listed are theoretical speeds, and are given for an engine speed of 2 200 rpm. The calculations assume "standardized" tyre diameters. The rear ratios are more or less equal to the front ratios (-1,5%).

N.B.: These values are given as an indication only. They are dependent on 3 parameters:

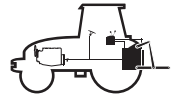
- Tyre inflation pressure.
- Tyre wear.
- Wheelspin coefficient.

Only a measurement in the field under working conditions can give an accurate value.



F - FRONT AXLE





ADJUSTING THE STABILISERS

ADJUSTMENT OF LATERAL STABILISERS

The lateral stabilisers (A) limit lateral movement of the traction bars.

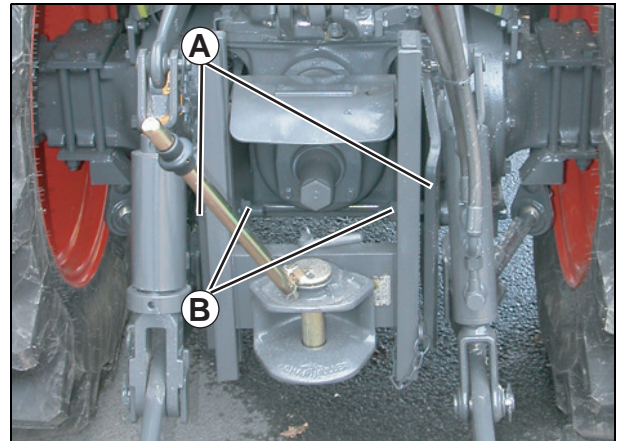
Adjust the position of the stabilisers to increase or decrease lateral movement to match the requirements of the implement used. At the end of the adjustment, lock the locknuts (B).

Too fixed stiffening can prevent lowering the tool.

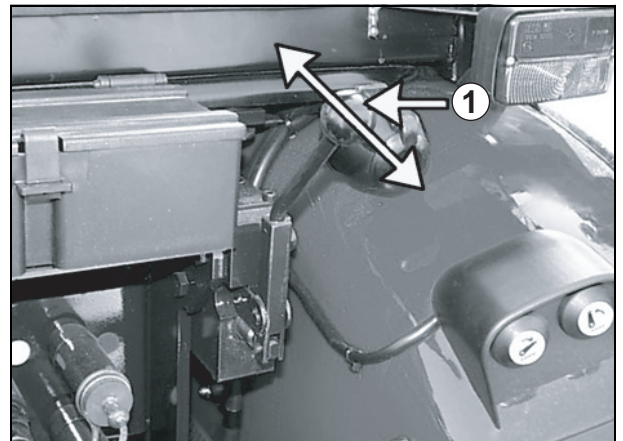
HYDRAULIC ADJUSTMENT OF THE LATERAL STABILISERS

Actuate the manual pump (1) slowly to reduce the lateral play of the arm

Actuate the pump in the other direction to increase play.



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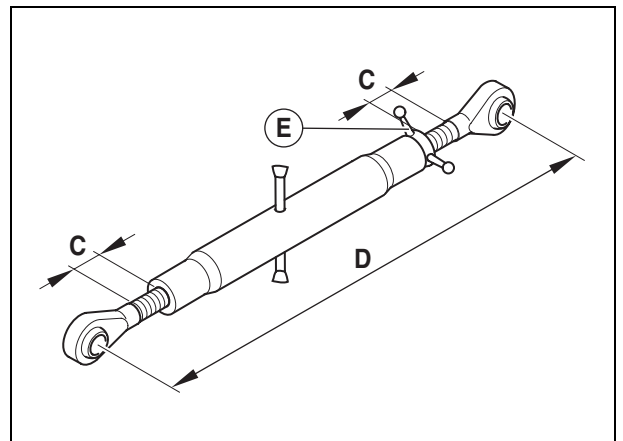


It is essential to check that the thread lengths revealed (C) are equal (maximum difference 5 mm) and that the centre-to-centre length (D) for the upper rod does not exceed the maximum allowable length given in the "Characteristics" section of this chapter.

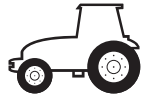
N.B.: When the adjustment is complete, fix the end fitting ball joint (A) in the lifting arm of the attached implement and firmly tighten lock-nut (E).

When driving on the road :

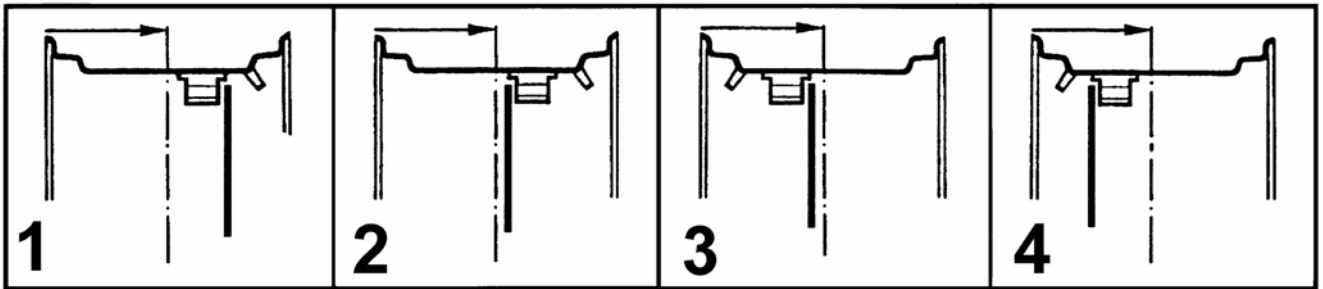
- Do not pull trailers, even farming trailers, using the holed bar of the 3 point hitch ;
- It is forbidden, and hazardous, to tow any tool while controlling it only on the third point ;
- Always prevent friction of the traction bars against the tires.



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TABLES OF FRONT TRACKS (4 WHEEL DRIVE TRACTOR)



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RB 130-140-160: Front axle: 20.09					
Rims with spacers					
Front tracks (mm)					
Tyres	Type	1	2	3	4
7.5 R 16	5.50F - 16	-	1 116	1 232	1 330
7.5 R 18	5.50F - 18	-	1 140	1 156	1 330
8.25 R 16	5.50F - 16	-	1 116	1 232	1 330
10.0 R 75/15.3	9.00 - 15.3	-	1 153	1 217	1 330
260 R 70/20	W8 - 20	1 066	1 160	1 200	1 294
260 R 80/20	W8 - 20	1 063	1 157	1 197	1 291
280 R 70/18	W9 - 18	1 028	1 122	1 162	1 256



L - MAINTENANCE

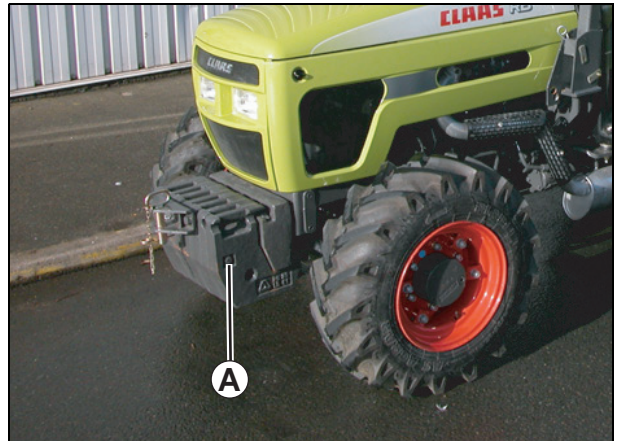




Operation n° 21

FRONT WEIGHT ATTACHMENT BOLTS: CHECK

Check the tightness of bolt (A): Front weight attachments.

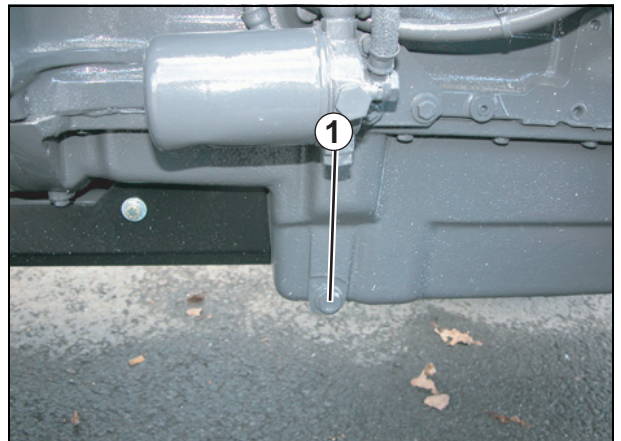


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Operation n° 22

ENGINE OIL: REPLACE

- Run the engine at a speed of 1 200 rpm until it reaches its normal operating temperature.
- Stop the engine. Place a receptacle of appropriate size under the drain plug (1). Unscrew the drain cap. While the oil is draining out, change the filter cartridges (operation n° 24).
- Once the oil has drained, replace the plug (1). Top up with oil up to the 'normal' level (see operation n° 7).



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Operation n° 23

ELECTROLYTE LEVEL IN THE BATTERY: CLEANING - LUBRICATION

- Check the electrolyte level. It must be 1 to 1,5 cm above the plates. Top-up with distilled water if necessary; if you have no distilled water, use carefully filtered rainwater.

Important: Never add acid.

- Carefully check the charging of the batteries, never allow them to freeze. Clean and tighten the battery terminals.



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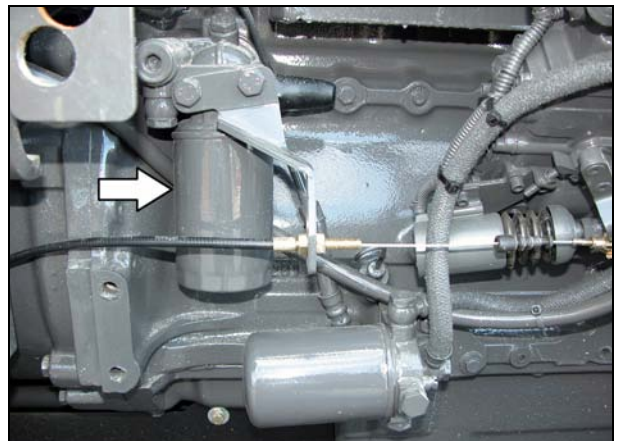


Take the necessary precautions when handling electrolyte (sulphuric acid). If you accidentally splash yourself with acid, take care not to breath the fumes rinse abundantly with water and consult a doctor.

Operation n° 24

ENGINE OIL FILTER CARTRIDGE: REPLACE

- Unscrew the filtering cartridge. Lightly oil the rubber seal of the new filter.
- Replace the old filter with the new one and screw down until the seal is in contact with the filter base. Then tighten it another half turn.



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