

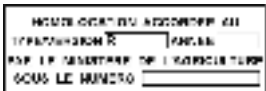












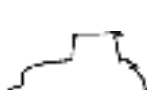
ARES 546 • 556 • 566
ARES 616 • 656 • 696

Use and Maintenance



Model	Type
ARES 546	5312
ARES 556	5322
ARES 566	5332
ARES 616	8212
ARES 656	8232
ARES 696	8242

CHAPTER SYMBOLS

REF	CHAPTERS	SYMBOLS
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	SAFETY	
B	CAB	
C	ELECTRICAL SYSTEM	
D	ENGINE	
E	TRANSMISSION	
F	FRONT AXLE	
G	HYDRAULICS - LINKAGE AND REAR HITCH	
H	FRONT POWER TAKE-OFF - FRONT LIFT AND FRONT TOW LINKAGE	
I	ON BOARD COMPUTER	
J	WHEELS AND TYRES	
K	DIMENSIONS, WEIGHTS, CAPACITIES AND BALLAST	
L	MAINTENANCE	
M	OPERATIONS THAT ARE MANDATORY UNDER THE GUARANTEE	

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A - IDENTIFICATION - CERTIFICATION - SAFETY



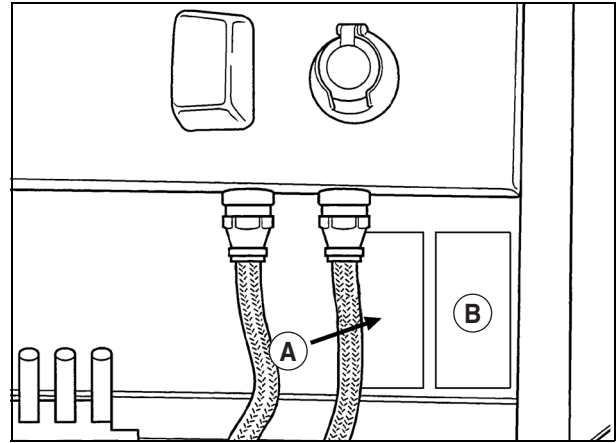
IDENTIFICATION

In any correspondence, always state:

The tractor model, type and serial number (plate A). The serial number is also stamped on the right side of the front chassis.



Type :
Serial No:
Model:

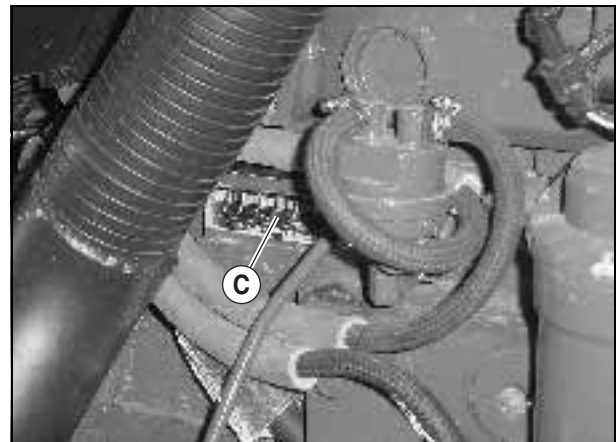


Structure homologation (plate B). The serial number is stamped between the trailer hook and the cable passage.

Engine type and serial number (plate C):



Type :
Serial No:



CERTIFICATION

- Certification of ARES tractors range 500-600 according to European directives 74/150/CEE (amended 2001/3/CE).
- Certification of ARES structures range 500-600 according to European directives 79/622/CEE (amended 1999/40/CE).
- Certification N° of tractors ARES 546, 556, 566: e2*2001/3*0021.
- Certification N° of tractors ARES 616, 656, 696: e2*2001/3*0022.
- Certification N° of safety structures of ARES tractors range 500-600:
 - 546RX, 556RX, 566RX N° e2 S 073 ;
 - 546RZ, 556RZ, 566RZ N° e2 S 075 ;
 - 616RX N° e2 S 074 ;
 - 616RZ, 656RZ, 696RZ N° e2 S 077.

CERTIFICATE OF COMPLIANCE

ARES tractors comply with European regulation 75/322/ CEE (amended 2001/3/CE) relative to electro-magnetic compatibility.



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.

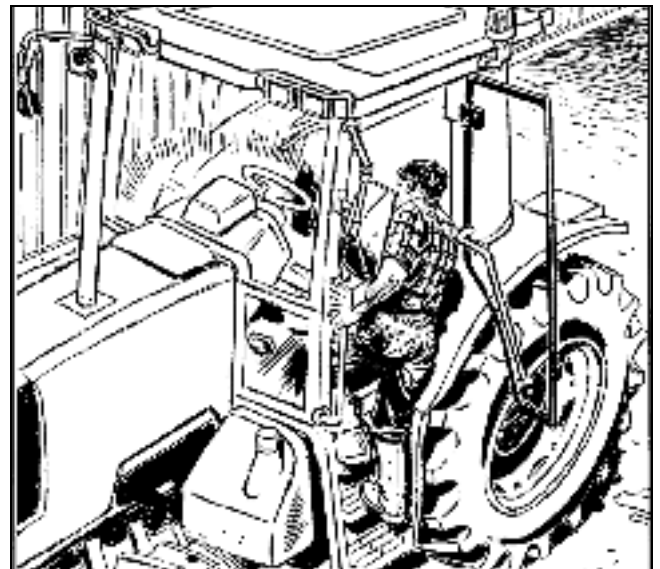
Make sure there is nobody nearby before starting the tractor.

Fully release the handbrake before starting.

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



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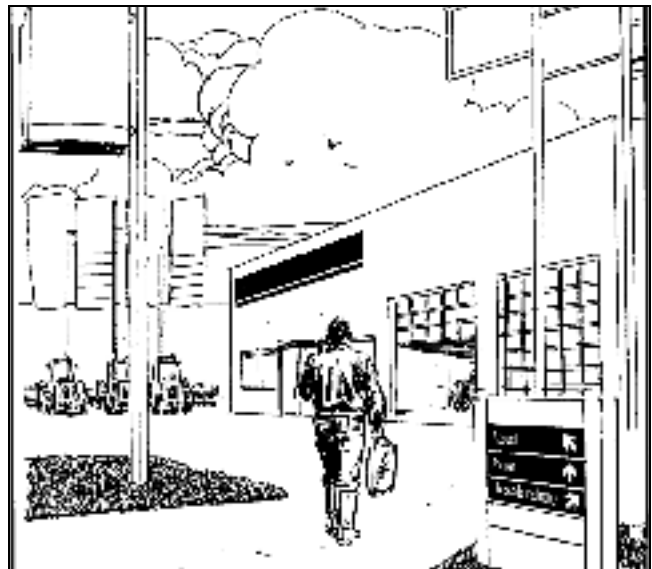
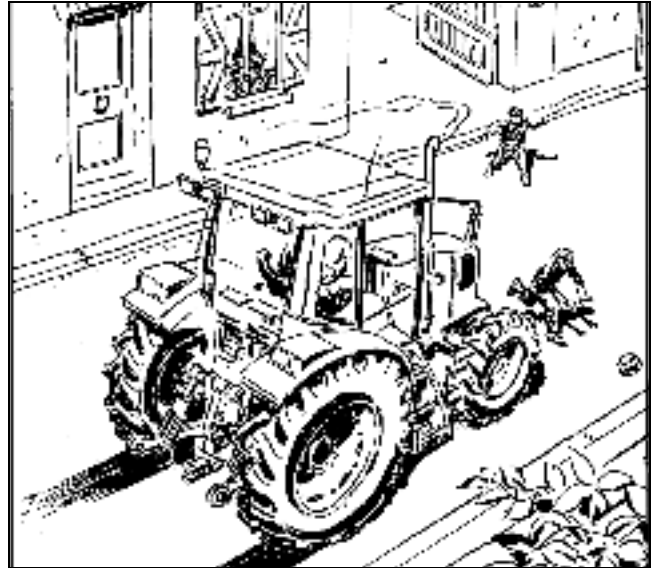
CONDITION OF THE TRACTOR

Maintaining the tractor in the best possible condition, by carrying out all routine maintenance (oil changes, level checks, overhauls, adjustments and thorough cleaning) will allow it to be used in the safest and most profitable way.

Check the following items first:

- **High temperature components:** Check that airborne particles such as straw, grass, wood chips etc., do not accumulate in high temperature areas. Clear debris from around the engine and the exhaust system. For tools attached to the front or the side of the tractor, inspect and clean the areas around the attachments for the various supports.
- **Brakes:** Check that the brakes work properly. Check the operation of the hand brake and foot brake.
- **Steering:** Check the operation of the hydrostatic steering.
- **Transmission:** Check the transmission fluid level (especially if external services are used).
- **Hydraulic system:** Check the condition of the system (unions, pipes, hoses), particularly the hoses to the steering actuators.
- **Electrical system:** Check the condition of the electrical system (batteries, wiring, headlights, indicator lights, hazard lights, rotating beacons, windscreen wipers, etc.).
- **Lighting - indicators:** All lighting and indicating equipment must not only be in working order, but must be fully visible; clean them. Carry a spare set of bulbs. Replace any defective element.

Only fit genuine CLAAS parts. The CLAAS network is at your disposal for any parts or products required to keep your tractor in perfect working order.





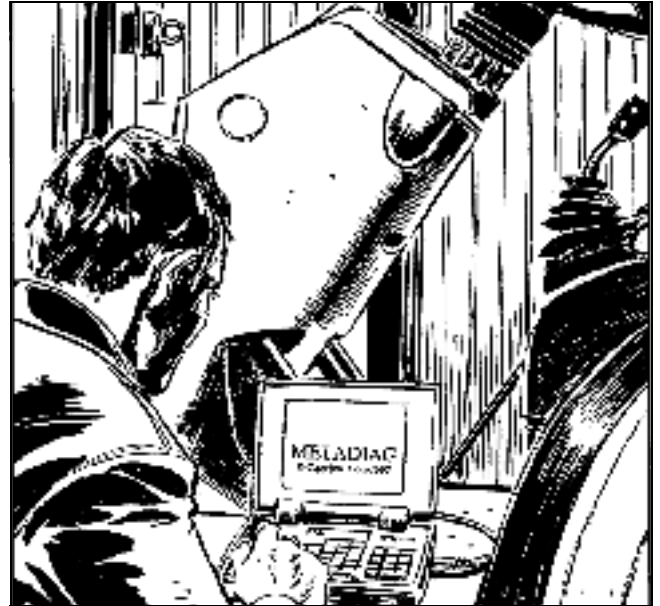
ADJUSTMENT OR MAINTENANCE - REPAIRS

Only carry out operations well within your capabilities. A number of simple adjustments are described in the manual (clutch and brake free travel, etc.). Never attempt to work on your tractor unless you have perfectly understood the procedure and have all the basic equipment required.

Special equipment is required to remove or install major components (the cab, engine, transmission, front axle); this equipment represents the only guarantee of safe working conditions and successful repair.

The cab must be removed only with CLAAS approved equipment.

The CLAAS network is at your disposal for all this work. It has the approved special tooling, the skills required and genuine CLAAS parts. If you have any doubts at all, call in your CLAAS agent.



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