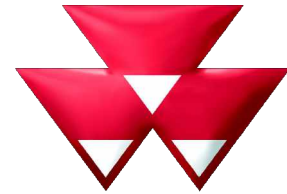


**Operator's Manual**



**MASSEY FERGUSON**

# **MF5600 - Operation**

## **Essential version**

**MF 5611**  
**MF 5612**  
**MF 5613**



**Beauvais**  
**AGCO S.A.S. - 41 avenue Blaise Pascal - 60000**  
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**Original Operator's Manual**

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**English**



## Foreword

We would like to welcome you to the ever-growing number of people who own a Massey Ferguson tractor; people who appreciate quality. We are proud of every tractor that leaves our factories, each being technically advanced and of a high quality.

This Operator's Manual contains the specifications for your new tractor. Please ensure that all operators read the instructions and follow them carefully. The pages that follow contain vital information on your tractor; please read them carefully.

This Operator's Manual contains the specifications for your new equipment. Please ensure that all operators read the instructions and follow them carefully. This will allow you to benefit from a long service life with complete safety and peace of mind. The pages that follow contain vital information about your new equipment; please read them carefully.

Your Massey Ferguson dealer will guarantee you quality servicing and will provide you with all the assistance you need. When it comes to servicing, remember that your dealer knows your tractor best and that he wants you to be completely satisfied.

Your Massey Ferguson dealer will guarantee you all the assistance you need.

Please leave this Operator's Manual in the tractor if resold. The subsequent owner will need the information it contains.

All information and specifications in this manual are up to date at the time of publication. However, our ongoing policy to improve our products obliges us to reserve the right to make alterations at any time without notice.

Please note that this manual relates to all models and refers to both standard and optional equipment. You may therefore find details relating to equipment that is not fitted on your tractor.

This Operator's Manual complies with Directive 2010/52 EC.

**Massey Ferguson**



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## 1.1 Locating serial numbers

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### 1.1.1 Locating serial numbers

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**IMPORTANT:**

*Please quote the serial number of your tractor in all correspondence with your dealer or agent.*

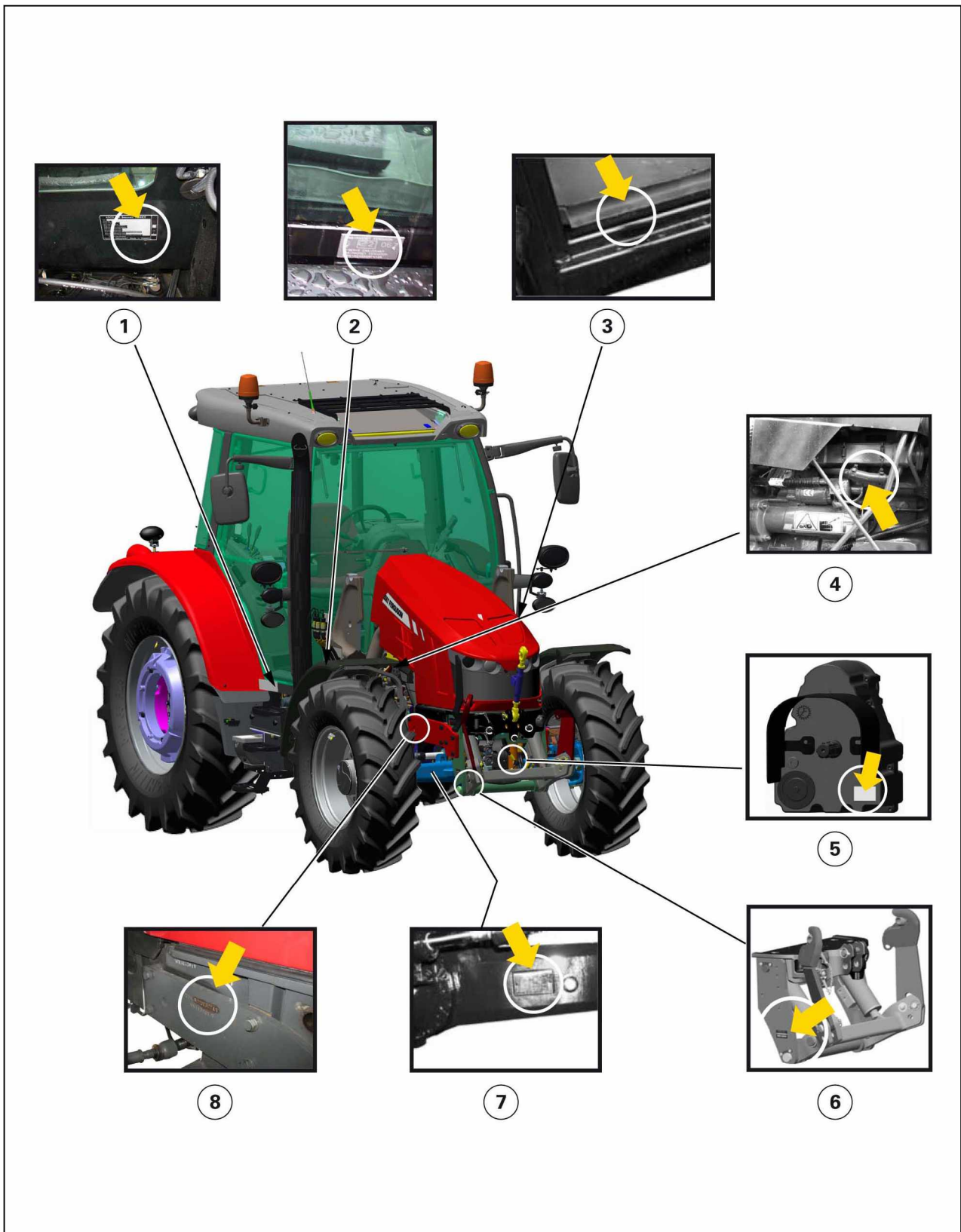


Fig. 1

- |                                               |                                 |
|-----------------------------------------------|---------------------------------|
| (1) Name plate with serial number             | (5) Front PTO serial number     |
| (2) Homologation plate (according to country) | (6) Front linkage serial number |
| (3) Cab serial number                         | (7) Front axle serial number    |
| (4) AGCO Power engine serial number           | (8) Chassis number              |

## 1.2 Your tractor identification details

### 1.2.1 Your tractor identification details

**Model:** \_\_\_\_\_

Serial number: \_\_\_\_\_

Engine serial number: \_\_\_\_\_

**Owner's name:** \_\_\_\_\_

Street: \_\_\_\_\_

Postcode: \_\_\_\_\_

Town: \_\_\_\_\_

County: \_\_\_\_\_

Country: \_\_\_\_\_

**Dealer code:** \_\_\_\_\_

Tractor received from (tick one of the following):

Factory

Other dealer (transfer)

**Notes:** \_\_\_\_\_

\_\_\_\_\_

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## 2.1 Introduction

### 2.1.1 Introduction - Safety instructions

#### Operator's Manual

**NOTE:** *This Operator's Manual is widely published and distributed and the availability of the attachments indicated, whether fitted to the basic tractor or as an accessory, may vary depending on the country or region in which the tractor is used. To find out which attachments are available in a given region, contact a Massey Ferguson dealer.*

The purpose of this manual is to enable the owner and the operator to operate the tractor appropriately under normal conditions of use. Providing they follow the instructions carefully, the tractor will give many years of service in the Massey Ferguson tradition.

Use for any other activity (particularly forestry work) is considered to be contrary to the intended use.

The commissioning of equipment by the Massey Ferguson dealer on the user's premises enables the dealer to ensure that these operating and service instructions are properly understood. Always consult the Massey Ferguson dealer if there is any part of this manual that you do not understand. It is important that these instructions are understood and followed.

This manual does not cover all operation and safety instructions relevant to the implements and accessories that may be fitted at the time of tractor delivery or later. It is essential that operators use and understand the Operator's Manuals relating to these implements and accessories.

**IMPORTANT:** *This manual must always be kept with the tractor. For extra copies, contact your Massey Ferguson dealer.*

This chapter in the Operator's Manual highlights certain basic safety-related situations that may be encountered during normal operation and servicing of the tractor and provides the information needed to handle these situations.

This chapter supplements any safety instructions given in other chapters of this manual.

It may be necessary to take additional precautions, depending on the implements and accessories used and the working conditions on-site or in the service area. Massey Ferguson can under no circumstances exercise direct control over the commissioning, operation, inspection, lubrication or servicing of the tractor. It is therefore YOUR responsibility to take suitable safety precautions in such areas.



**WARNING:**

**It is your responsibility to read and understand the instructions that appear in this chapter before using the tractor.**

**They must then be strictly adhered to throughout the working day.**

#### Servicing, spare parts, accessories and conditions of use

Daily servicing should become a routine, and a logbook of operating hours should be kept.

When spare parts are required, it is important to use only genuine Massey Ferguson parts. Massey Ferguson dealers supply genuine parts and can offer advice concerning their fitting and use. The use of lower quality parts may cause serious damage. Customers are advised only to purchase their spare parts from an approved Massey Ferguson dealer. In the same way, you must only use accessories specifically adapted to your tractor.

Owing to the considerable variation in operating conditions, it is not possible for the manufacturer to formulate complete or absolute assertions in its publications concerning the performance or operating methods of its machines or to accept liability for any loss or damage which may result from such assertions or possible errors or omissions.

If the tractor is to be used in abnormal conditions which could cause damage (use in deep water or in paddy fields for instance), you should consult your Massey Ferguson dealer to obtain special instructions to prevent the warranty from becoming void.

These tractors are designed only for usual farming activities (intended use). Use for any other activity (particularly forestry work) is considered to be contrary to the intended use.

Strict compliance with the repairs, service and operating conditions as specified by Massey Ferguson is also an essential component of the intended use.

**IMPORTANT:** *Massey Ferguson accepts no responsibility in the event of damage to equipment or personal injury resulting from improper use.*

The tractor must only be used, serviced and repaired by personnel who have full knowledge of its specific features and who are aware of the applicable safety measures (prevention of accidents).

Customers are strongly advised to contact a Massey Ferguson dealer in the event of after-sales problems and for any adjustments which may be necessary.

## 2.2 Safety – Symbols and terms

### 2.2.1 Safety – Symbols and terms

#### Signal



This safety alert symbol means **CAUTION! BE ALERT! YOUR SAFETY DEPENDS ON IT!**

The safety alert symbol identifies important safety notices on machines, safety signs, in instruction books or elsewhere. When you see this symbol, be alert to the risk of injury or death. Follow the instructions in the safety notice.

#### **SAFETY is paramount! Why?**

- ACCIDENTS DISABLE AND KILL
- ACCIDENTS ARE COSTLY
- ACCIDENTS CAN BE AVOIDED

#### Terms

The terms **DANGER**, **WARNING** and **CAUTION** are used with the safety alert symbol. It is essential to learn how to recognize these safety messages and to follow the recommended safety measures and instructions.



#### **DANGER:**

**indicates an imminently hazardous situation which, if not avoided, will result in DEATH or VERY SERIOUS INJURY.**



#### **WARNING:**

**indicates a potentially hazardous situation which, if not avoided, could result in DEATH or SERIOUS INJURY.**



#### **CAUTION:**

**indicates a potentially hazardous situation which, if not avoided, may result in MINOR or MODERATE INJURY.**

The terms **IMPORTANT** and **NOTE** are not directly related to personal safety, but are used to provide additional information and advice on the operation or maintenance of equipment.

**IMPORTANT:** *identifies specific instructions or procedures which, if not strictly applied, could damage or destroy the tractor, its equipment or the surrounding area.*

**NOTE:** *identifies points of particular interest for the most effective and suitable operation or repair.*

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## 2.3 Safety decals and instructions

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### 2.3.1 Checking and replacing the safety decals and instructions

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**WARNING:**

**Never remove or obscure the safety decals and instructions.**

Replace any safety decals and instructions that are illegible or missing. Replacement decals are available from the dealer in the event of loss or damage. If a second-hand tractor has been purchased, check that all safety and instruction decals are correct, legible and in the correct location: To do this, refer to the section on the presentation and location of decals.

### 2.3.2 Presentation and location of the safety decals and instructions

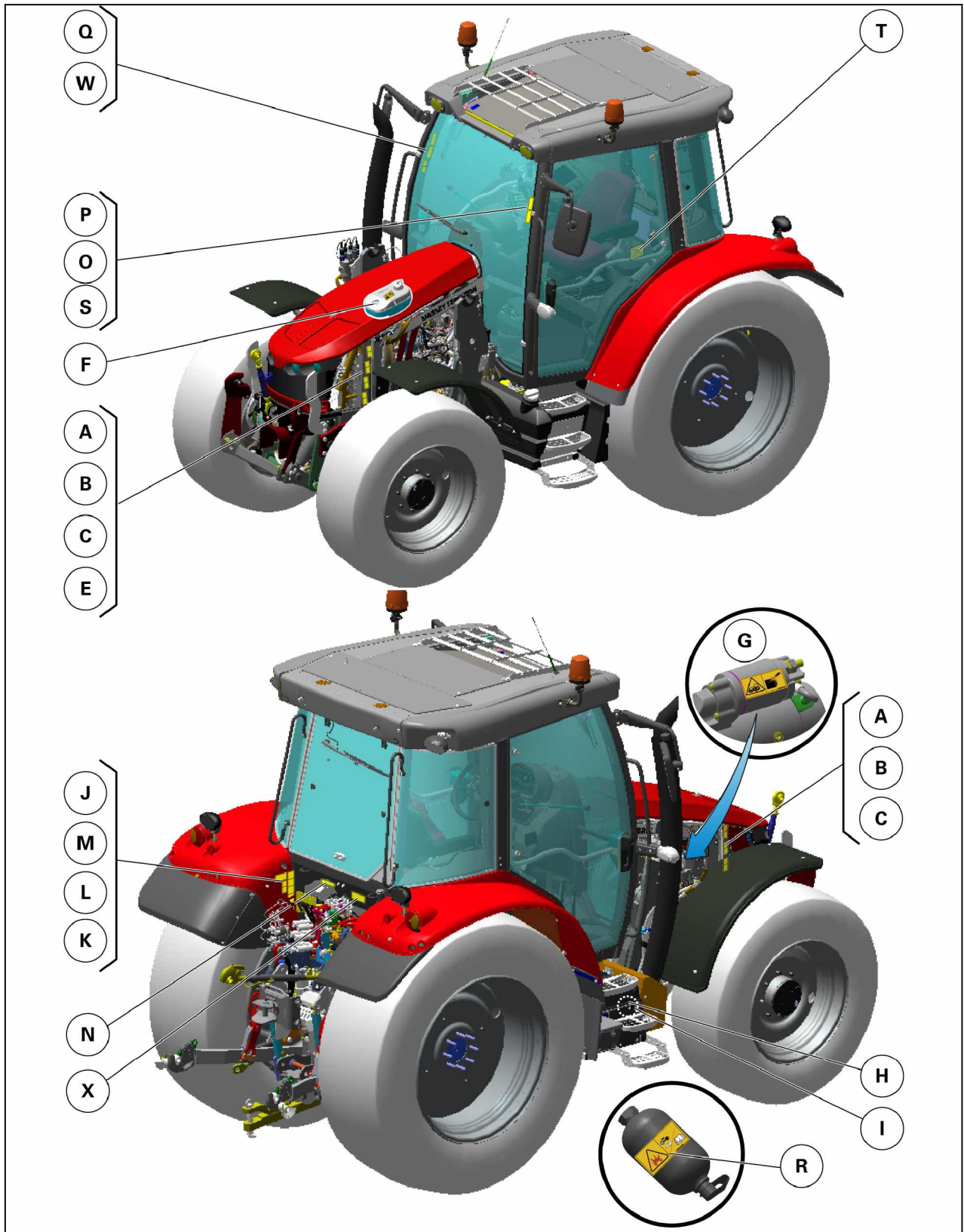
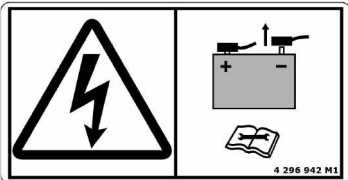






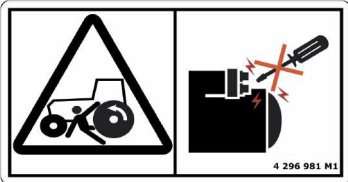



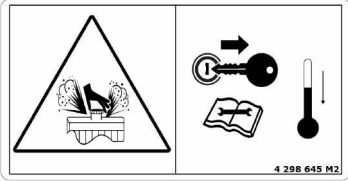


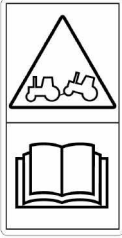
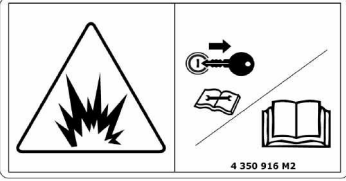

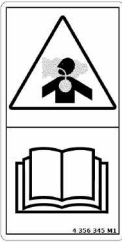
Fig. 1

	<ul style="list-style-type: none"> <li>• <b>4296942M1 ((H))</b></li> <li>• <b>WARNING:</b> Electric shock hazard – risk of personal injury and component damage.</li> </ul> <p>Remove negative (earth) cable from battery before removing starter solenoid cover and before servicing electrical system.</p>
	<ul style="list-style-type: none"> <li>• <b>4296944M1 ((A))</b></li> <li>• <b>WARNING:</b> Entanglement hazard in belt drives</li> </ul> <p>Keep hands clear of rotating parts and belts while engine is running. Switch off the ignition and remove the key before working on the tractor.</p>
	<ul style="list-style-type: none"> <li>• <b>4296946M1 ((O))</b></li> <li>• <b>WARNING:</b> Runaway machine and runover hazards.</li> </ul> <p>Switch off the ignition, remove the ignition key and engage the ParkLock before leaving the tractor.</p>
	<ul style="list-style-type: none"> <li>• <b>4296950M1 ((Q))</b></li> <li>• <b>WARNING:</b></li> </ul> <p>To avoid personal injury, read the Operator's Manual for safety information and operating instructions before operating the tractor.</p>
	<ul style="list-style-type: none"> <li>• <b>4296952M1 ((D))</b></li> <li>• <b>WARNING:</b> Danger of compression.</li> </ul> <p>Keep clear of axle suspension system when engine is running. Switch off the ignition and remove the key before working on the tractor.</p>
	<ul style="list-style-type: none"> <li>• <b>4296954M1 ((J))</b></li> <li>• <b>WARNING:</b></li> </ul> <p>Driveline separation hazard, which may result in personal injury and machine damage.</p> <p>Make sure that the drawbar/the 3-point linkage is in the correct position and check the length of the PTO universal joint line when attaching your equipment.</p> <p>See Operation section of manual for detailed information.</p>



	<ul style="list-style-type: none"> <li>• <b>4296958M1</b> ((P))</li> <li>• <b>WARNING:</b> Falling or crushing hazard if the tractor overturns.</li> </ul> <p>Keep seat belt fastened snugly when operating, do not jump if tractor starts to tip.</p>
	<ul style="list-style-type: none"> <li>• <b>4296967M1</b> ((C))</li> <li>• <b>WARNING:</b> Burn hazard – hot surfaces.</li> </ul> <p>Keep away from hot engine components when engine has been running.</p> <p>Shut off engine, remove key and wait for system to cool before performing maintenance or repair work.</p>
	<ul style="list-style-type: none"> <li>• <b>4296969M1</b> ((M))</li> <li>• <b>WARNING:</b> Crushing hazard between tractor and implement.</li> </ul> <p>Stand outside of tractor tire when using external controls for 3-point linkage.</p> <p>Do not stand between tractor and implement.</p>
	<ul style="list-style-type: none"> <li>• <b>4296971M1</b> ((B))</li> <li>• <b>WARNING:</b> Shearing hazard – engine fan.</li> </ul> <p>Keep your hands away from the fan and the belts when the engine is running.</p> <p>Shut off engine and remove key before performing maintenance or repair work.</p>
	<ul style="list-style-type: none"> <li>• <b>4296975M1</b> ((K))</li> <li>• <b>DANGER:</b> Rear overturn hazard, which may result in personal injury or death</li> </ul> <p>Pull only from approved drawbar or bottom links of 3-point linkage at horizontal position or below.</p> <p>Never pull from above rear axle centerline.</p>
	<ul style="list-style-type: none"> <li>• <b>4296977M1</b> ((L))</li> <li>• <b>DANGER:</b> Entanglement hazard – PTO driveline.</li> </ul> <p>Stand clear of rotating shafts.</p> <p>Keep all driveline, tractor and equipment guards in place during operation.</p>

	<ul style="list-style-type: none"> <li>• <b>4296979M1</b> ((I))</li> <li>• <b>DANGER:</b> Lead-acid battery hazards:             <ul style="list-style-type: none"> <li>- Explosive gasses.</li> <li>- Corrosive liquid (sulphuric acid).</li> </ul> </li> </ul> <p>Keep away from all naked flames or sparks</p> <p>Shield eyes when working on or around battery.</p> <p>Read safety and operating instructions in the Operator Instruction Book for further information.</p>
	<ul style="list-style-type: none"> <li>• <b>4296981M2</b> ((G))</li> <li>• <b>DANGER:</b> Runaway machine and runover hazards.</li> </ul> <p>Only start the engine when seated in the seat with the PTO disengaged and the transmission in the neutral position.</p> <p>DO NOT short across starter terminals to start engine.</p>
	<ul style="list-style-type: none"> <li>• <b>4296985M1</b> ((E))</li> <li>• <b>WARNING:</b> Pinch point hazard due to moving parts.</li> </ul> <p>Keep hands clear of joints when pivoting coolers.</p>
	<ul style="list-style-type: none"> <li>• <b>4297148M1</b> ((N))</li> <li>• <b>WARNING:</b> Falling hazard.</li> </ul> <p>Do not step on PTO shield.</p>
	<ul style="list-style-type: none"> <li>• <b>4297924M1</b> ((S))</li> <li>• <b>DANGER:</b> Electrocution hazard.</li> </ul> <p>Tractors fitted with a front loader: Exercise extreme caution to avoid coming into contact with power lines.</p>
	<ul style="list-style-type: none"> <li>• <b>4298645M2</b> ((F))</li> <li>• <b>WARNING:</b> Scalding hazard – high pressure steam and hot water.</li> </ul> <p>Shut off engine, remove key and wait for system to cool before removing radiator cap.</p> <p>Remove the filler cap with extreme care.</p>

	<ul style="list-style-type: none"> <li>• <b>4349217M1</b> ((T))</li> <li>• <b>WARNING:</b> Trailer.</li> <li>• Carefully read the specific instructions from the Operator's Manual before towing the tractor.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>4350916M2</b> ((R))</li> <li>• <b>DANGER:</b> Explosion hazard – contents under pressure.</li> </ul> <p>Fill accumulators with nitrogen only – Other gases may explode.</p> <p>See Operation section of manual for detailed information.</p>
	<ul style="list-style-type: none"> <li>• <b>4355863 M1</b> ((T))</li> <li>• <b>WARNING:</b> Hydraulic valves.</li> </ul> <p>For driving on roads, raise the tools to the required height and lock the tractor's hydraulic functions.</p> <p>When the front linkage is not in use, it is essential to lock the hydraulic functions.</p>
	<ul style="list-style-type: none"> <li>• <b>4356345M1</b> ((W))</li> <li>• <b>WARNING:</b> Hazardous environment.</li> </ul> <p>Put on suitable protective clothing, safety goggles and a respirator before working in an area that is being treated.</p> <p>See Operation section of manual for detailed information.</p>

## 2.4 General safety instructions

### 2.4.1 Awareness of the safety instructions and symbols

Remember that you alone are responsible for safety. Good safety practices protect not only you, but also bystanders. Before using the tractor, study the instructions given in this book with care, as well as all of the safety decals and instructions fixed to the tractor: Make them an integral part of your safety procedure. Also note all the usual protective measures that should be taken when working and above all, don't forget:

**Safety depends on you. You can prevent accidents which could cause serious injury or death.**



**WARNING:**

**In some of the illustrations in this book, the safety panels and guards have been removed for reasons of clarity. Never use the tractor if these parts are not in place. If some of these parts have been removed for repair purposes, they must be refitted before use.**

### 2.4.2 Operator familiarity in the use of the tractor



**WARNING:**

**The operator must not drink alcohol or take any medication that may affect his concentration or co-ordination.**

**If taking medication, whether prescribed or not, the operator must seek medical advice with regard to his ability to operate machinery safely.**

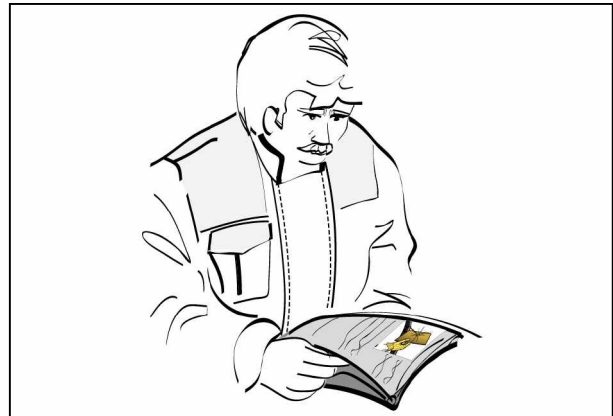


Fig. 2

- To be able to use your tractor, it is first necessary:
  - to be familiar with operating an agricultural tractor
  - to have been trained in the operation of the tractor that you have just purchased
  - to have read and understood this entire book — to always consult the dealer as soon as there is any doubt or lack of understanding
  - find out about the rules and safety regulations applicable to the work you are doing. Some regulations specify that no one under the age of 16 may operate power machinery, for example. This includes tractors. It is your responsibility to know what these regulations are and to observe them in the operating area or situation. These rules include, but are not limited, to the safety instructions relating to correct operation of the tractor as described in this book.
- Do not allow children or unqualified persons to operate the tractor.
- Do not allow children to use the instructor seat.
- The instructor seat is only intended for short periods of use.



**WARNING:**

**In poor conditions, slow down and be extra careful, and engage 4-wheel drive if fitted.**

It is important to have good knowledge of the operation of the tractor as well as all of its accessories and attached implements.

Remember that rain, snow, ice, loose gravel or soft ground can change the performance of the tractor.

### 2.4.3 Filling the fuel tank



**WARNING:**

- Always switch off the engine before filling up.
- Do not smoke while refueling the tractor. Keep away from naked flames .
- Proceed with care to prevent any splashes.

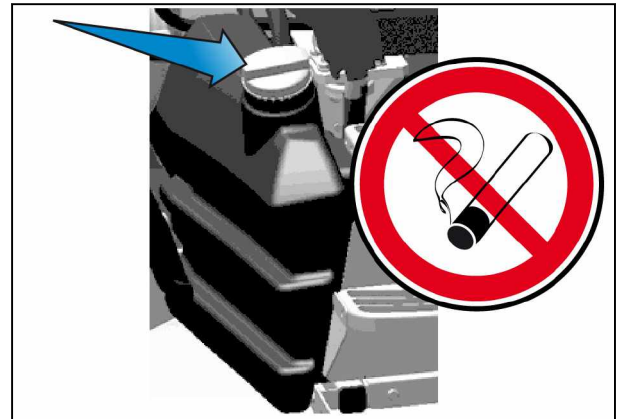


Fig. 3

### Filling with DEF or AdBlue™



**WARNING:**

Avoid all contact with the eyes, skin and clothing.

- Proceed with care to prevent any splashes.
- If large quantities of the product are ingested, seek immediate medical attention. Do NOT induce vomiting unless indicated to do so by medical staff. Do not administer liquid to a person who is unconscious.
- In case of contact with skin, rinse with plenty of water and remove contaminated clothing.
- In case of contact with the eyes, rinse immediately under running water. In the event of irritation, seek medical advice.
- If fumes are inhaled, breathe in fresh air and seek medical advice, if necessary.
- Prevent DEF or AdBlue™ from coming into contact with other chemical products.
- Urea spillages must not be discharged into the drains.



Fig. 4

### 2.4.4 Mounting and dismounting the operator's seat

- Always use three-point contact with the tractor and face the tractor when mounting and dismounting the operator's seat. (Three-point contact means that both hands and one foot or one hand and both feet are in contact with the tractor at all times when getting on and off).
- Clean your shoes and wipe your hands before getting in the tractor.
- Use handrails, grab handles, ladders or steps (if fitted) when getting on and off.
- Do not use the control levers as a handhold.

- Do not step on pedals when getting in and out.
- Never attempt to mount or dismount a moving tractor.
- Never jump off a tractor when it is running except in an emergency.

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### **2.4.5 Mandatory procedure before dismounting the tractor**

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Before getting out of the operator's seat, whether during the course of or at the end of the working day, always:

#### **Procedure**

1. Immobilize the tractor by applying the parking brake.
2. Disengage the front and rear PTO.
3. Lower the implements to the ground.
4. Switch off the engine (see the Operation chapter of the Operator's Manual). Make sure that the engine is not running at idling speed and that it has stopped.
5. Remove the ignition key.

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