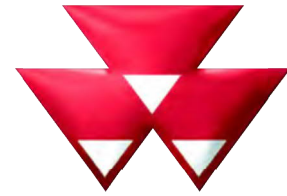


**Operator's Manual**



**MASSEY FERGUSON**

# **MF 8700 - Maintenance**

**MF 8727**  
**MF 8730**  
**MF 8732**  
**MF 8735**  
**MF 8737**



**Beauvais**  
**AGCO S.A.S. - 41 avenue Blaise Pascal - 60000**  
**Beauvais - France - RC B562 104 539**  
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**Original Operator's Manual**

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## 1.1 Introduction

### 1.1.1 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.

## 1.2 Safety – Symbols and terms

### 1.2.1 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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## 1.3 Safety decals and instructions

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### 1.3.1 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.

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

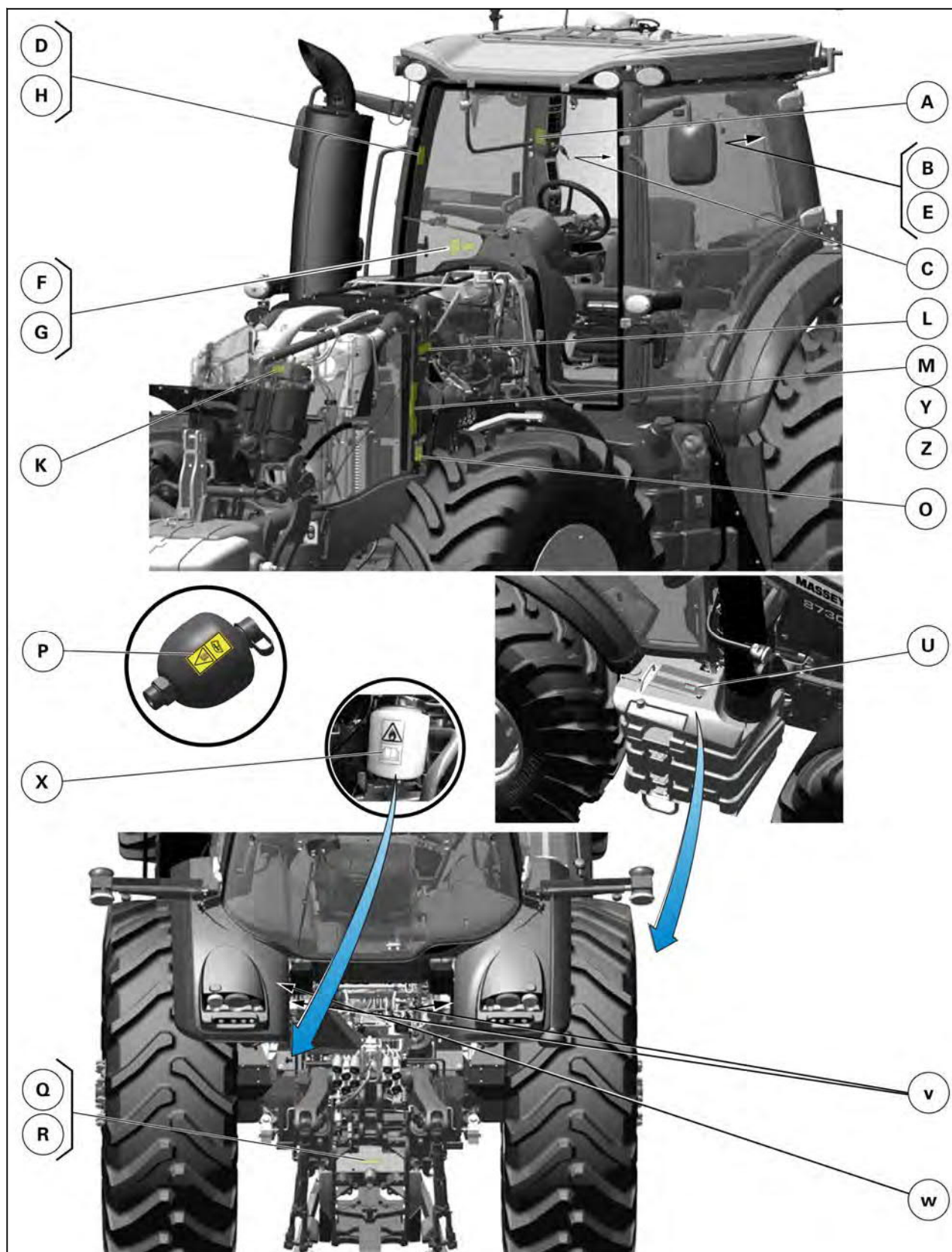


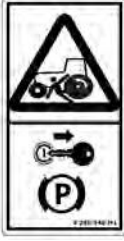


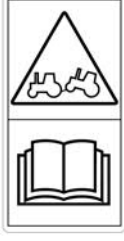


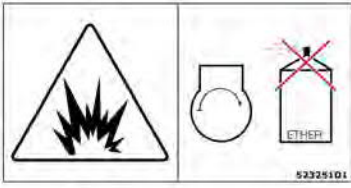
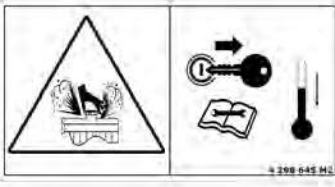



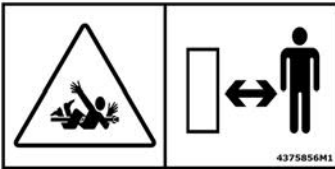



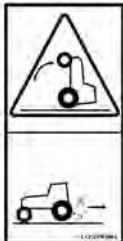


Fig. 1

	<ul style="list-style-type: none"> <li>• <b>4296950M1</b> ((A) )</li> <li>• <b>DANGER:</b> General safety</li> </ul> <p>Read the servicing manual and the safety advice before start-up and observe their contents during operation.</p>
	<ul style="list-style-type: none"> <li>• <b>4296958M1</b> ((B) )</li> <li>• <b>WARNING:</b> Overturning of the tractor - Roll Over Protective Structure (ROPS)</li> </ul> <p>Fasten your seat belt once you are in the seat (operator and instructor) and before the tractor moves.</p>
	<ul style="list-style-type: none"> <li>• <b>4296946M1</b> ((C) )</li> <li>• <b>WARNING:</b> Risk of being crushed or run over by the tractor.</li> </ul> <p>Stop the engine and remove the key before you commence any maintenance or repair operation.</p>
	<ul style="list-style-type: none"> <li>• <b>4297924M1</b> ((D) )</li> <li>• <b>DANGER:</b> Risk of the front loader coming into contact with overhead power lines. Risk of extremely serious or fatal injuries.</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>• Keep a safe distance from the overhead power lines whenever you use the front loader. Refer to any current national regulations concerning safe distances from power lines.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>4356345M1</b> ((E) )</li> <li>• <b>WARNING:</b> Possible inhalation of dangerous substances.</li> <li>• Read the instructions in the Operator's Manual and refer to the safety instructions provided by the product manufacturer. Wear personal protective equipment where necessary.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>4349217M1</b> ((F) )</li> <li>• <b>WARNING:</b> Towing</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>4352953M2</b> ((H) ) for Deluxe/Premium versions only</li> <li>• <b>DANGER:</b> Road safety.</li> <li>• Road traffic: Deactivate the automatic guidance system and the SpeedSteer system.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>4350591M1</b> ((I) )</li> <li>• <b>WARNING:</b> Long axle shafts.</li> <li>• Remain at a safe distance from persons and objects when driving with long axle shafts.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>523251D1</b> or <b>ACW0232290</b> ((K) )</li> <li>• <b>DANGER:</b> Risk of engine explosion.</li> <li>• Never spray ether toward the engine air intake.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>4298645M2</b> ((L) )</li> <li>• <b>WARNING:</b> High-temperature liquid in the reserve. Risk of skin burns.</li> </ul> <p>Stop the engine, remove the key and wait for the assembly to cool before commencing any maintenance or repair operation.</p>
	<ul style="list-style-type: none"> <li>• <b>4296967M1</b> ((M) )</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>4296985M1</b> ((O) )</li> <li>• <b>DANGER:</b> Crushing of fingers or hands.</li> <li>• Never work in an area where there is a risk of crushing while parts could move.</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>ACW0018280</b> ((P) )</li> <li>• <b>DANGER:</b> Explosion hazard. The hydraulic accumulator contains pressurised gas and oil.</li> <li>• The hydraulic accumulator contains pressurised gas and oil. Refer to the instructions in the technical manual when removing and reconditioning.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>4375856M1</b> ((Q) )</li> <li>• <b>DANGER:</b> Entanglement hazard in a PTO shaft connected to an instrument.</li> <li>• Do not mount the moving part of the PTO.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>4297148M1</b> ((R) )</li> <li>• <b>WARNING:</b> Falling hazard</li> </ul> <p>Maintain a safe distance in relation to the tractor.</p>
	<ul style="list-style-type: none"> <li>• <b>3786812M1</b> ((U) )</li> <li>• <b>WARNING:</b> Batteries</li> <li>• Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm.</li> </ul> <p><b>Wash hands after handling.</b></p>
	<ul style="list-style-type: none"> <li>• <b>4392020M1</b> ((V) )</li> <li>• <b>WARNING:</b> Danger of torso being crushed: force directed sideways.</li> <li>• Remain out of the vertical movement area while the swivel arm is moving.</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>4392000M1</b> ((W) )</li> <li>• <b>DANGER:</b> Rear overturn hazard</li> </ul> <p>Never pull from above rear axle centerline.</p> <p>Consult the Operator's Manual for more information.</p>






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	<ul style="list-style-type: none"> <li>• <b>4354351M1</b> ((X) )</li> <li>• <b>WARNING:</b> Risk of fire</li> </ul> <p>Read the safety instructions in the Operator's Manual.</p>
	<ul style="list-style-type: none"> <li>• <b>4296944M1</b> ((Y) )</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.</p> <p>Switch off the ignition and remove the key before working on the tractor.</p>
	<ul style="list-style-type: none"> <li>• <b>4296971M1</b> ((Z) )</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>

## 1.4 General safety instructions

### 1.4.1 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.**

### 1.4.2 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.

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