

**Massey Ferguson®**  
**2650 / 2660 / 2670 / 2680**  
**Tractor**

**SERVICE MANUAL**  
**4283420M1**

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**01**

# 01

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### Tractor models applied

Massey Ferguson Tractor Series

#### HD Series 2600

#### Models and variations

- HD Series 2650
- HD Series 2660
- HD Series 2670
- HD Series 2680

Footstep (Fig. 1) and cab versions (Fig. 2)



**Fig. 1**



**Fig. 2**

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# Introduction

01

## A. Presentation

The purpose of this Workshop Manual is to help Dealers in the efficient maintenance of Massey Ferguson 200 Series Advanced Tractors.

Good after sale support is becoming increasingly important. Besides selling a good product, it is essential to provide good service, because that is the only way that to reach the greater goal: customer satisfaction.

With this in mind, the structure of the maintenance offered by the Dealer is of fundamental importance, and it should be performed only by trained personnel who are perfectly familiar with the different components of the tractor. For this reason, in addition to undertaking regular refresher courses at one of AGCO's Training Units, you should always consult this Manual before performing the service, whenever there is any doubt. Beside keeping it in usable condition, the Service Department should be aware of the updates that are introduced from time to time in the tractors and thus in the Manual. .

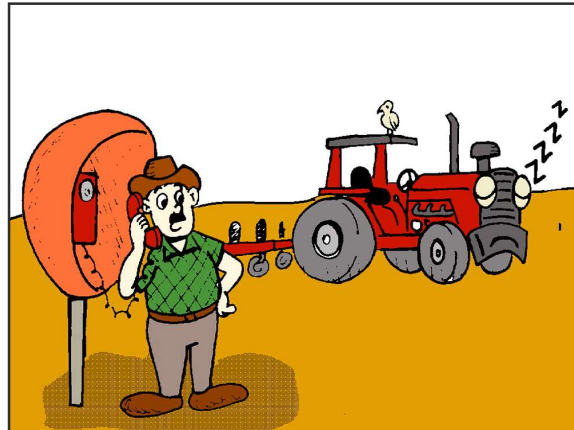


Fig. 1

### B. How to use this manual

- This manual is divided into Modules (01, 02, 03, 04, 05), and each of them describes a specific sector of the tractor.

*Examples: Engine, front axle, hydraulic systems, etc.*

- Each module is divided into subsections (A, C, C, D...), which describe a specific type of system when there are different options.

*Examples - Engines: International Engine 4-3.9 / 4-4.1, 1000 Series, etc.*

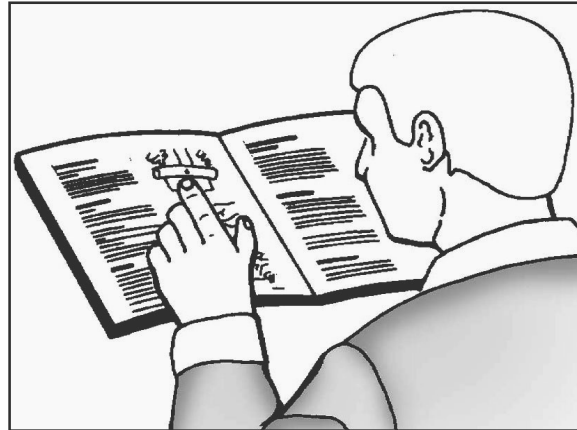
- Each Section is divided into Subsections (01, 02, 03, 04...), and each one described a part or subdivision.

*Examples - Engines: Head, block, crankshaft, etc.*

- Each subsection is divided into chapters (A, B, C, D...).

*Examples: Disassembly, inspection of components, specification, adjustments, etc.*

- Each page of the subsections has a sequence number beginning with 01.



**Fig. 1**



# Introduction

## 01

### C. Safety

Your safety and the safety of others should be your first concern when doing maintenance work. For this to work, you need to do three things: be aware of what you are doing, use the tools correctly, and use the right protective equipment, both personal and collective.

Awareness depends on each person, which means that every person needs to be aware of what they are doing and what risks they are taking in their work. When you learn about a safety rule, don't think of it as "don't do this, don't do that". First you should think about what might happen if you break that rule. Don't believe that old idea the "you have to learn by making mistakes", because the results of a mistake might be impossible to fix. Remember: After an accident, the first thing you think is that you would do anything to go back and not make that mistake. Walking 20 meters to get the "right tool" might be tiresome, but it's never going to be as much trouble as an accident that causes injury or damage.

As far as the rules go, it's impossible to write them all down. There are too many possible risks. What we have here are some basic rules as an example.

- Always use the tools and gear that are right for the job, especially when you are working with heavy assemblies and parts. Make sure that the hydraulic jack, the block and tackle, the chain are in perfect condition, and strong enough for the load.
- Every time you use a power tool, check that it is grounded and that there are no exposed wires.

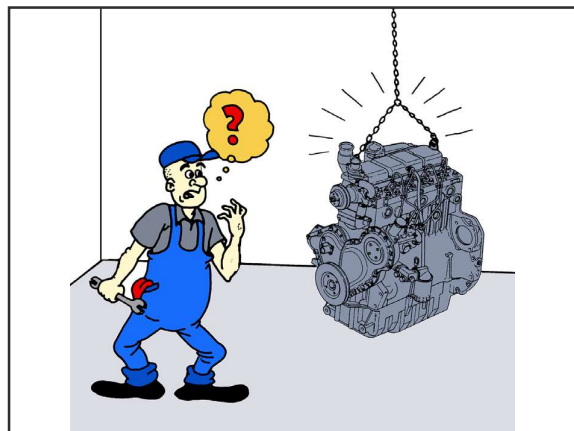


Fig. 1

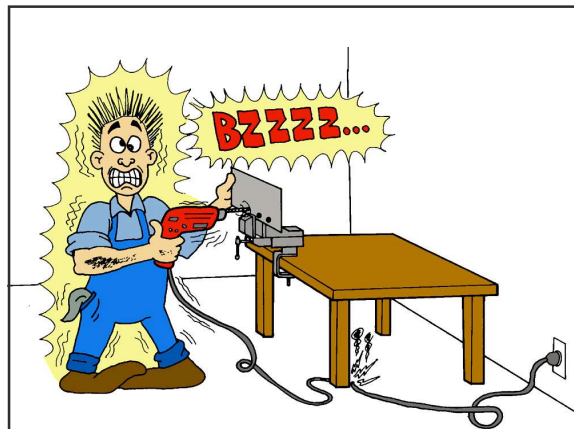


Fig. 2

- Always disconnect the negative cable from the battery, so that no one can accidentally turn on the starter motor.

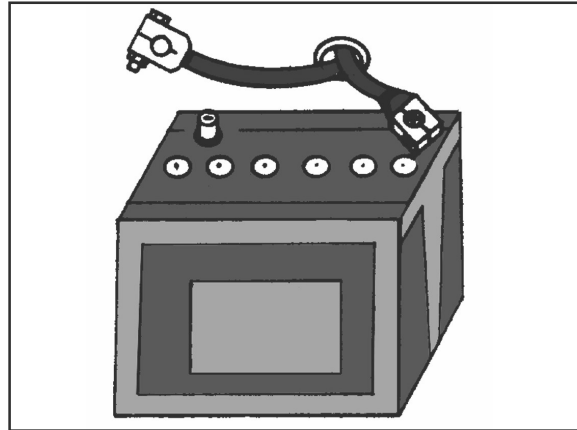


Fig. 3

- When welding, as well as disconnecting the battery, you should use the proper protection: safety mask or goggles, gloves and apron. If you don't use eye protection, for example, you can do permanent damage to your eyes very quickly!



Fig. 4

- When splitting a tractor, you must use the right cranes and tackle. This will make the work safer, but also better quality and more profitable. Always use wooden wedges to chock the wheels which will not be removed in the job.

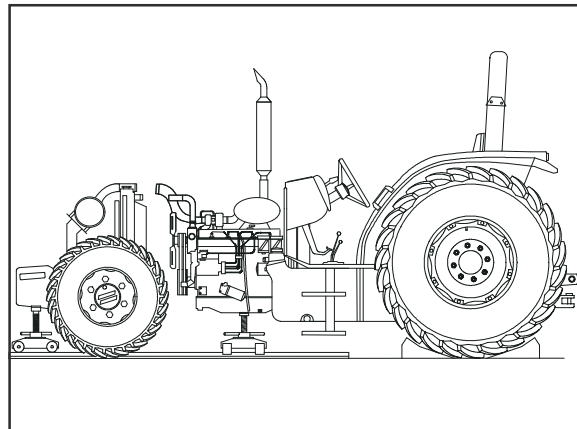


Fig. 5

- Don't let the floor of the workshop get soaked with oil: it will cause accidents, and it lowers the tone of the shop. Remember: well organized workshop reflects the quality of the people that work there.

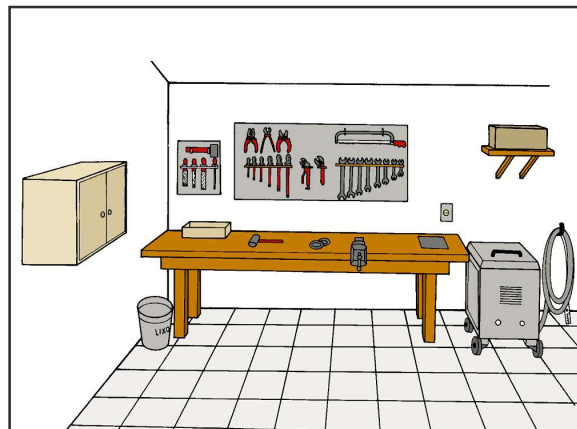


Fig. 6

## Introduction

01

- Never stand under hanging loads. Even though the equipment is perfectly safe, there is no reason to tempt fate!

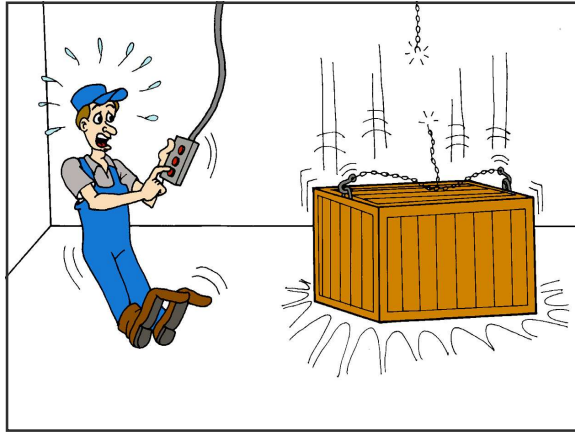


Fig. 7

- Don't leave the engine running in a closed place without ventilation. It only takes a few minutes for the exhaust fumes to start to poison you.
- Don't smoke in the workshop. There is always the risk of fire with all the flammable products.
- Don't work with long hair or with loose clothes. If they get caught in moving machinery, they can cause serious accidents.

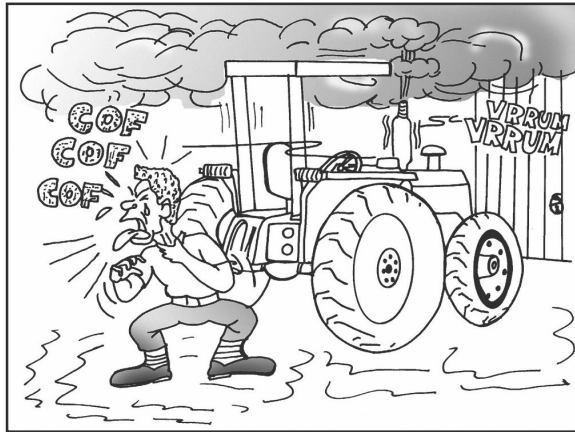


Fig. 8

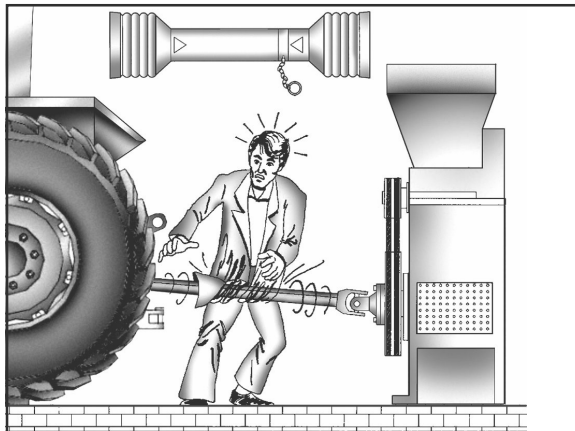


Fig. 9

- Before starting the engine of any tractor, check that no one is working on it, and that no tools have been left on it. .

Use a warning notice on the instrument panel to make sure no one turns on the engine if it has parts removed.

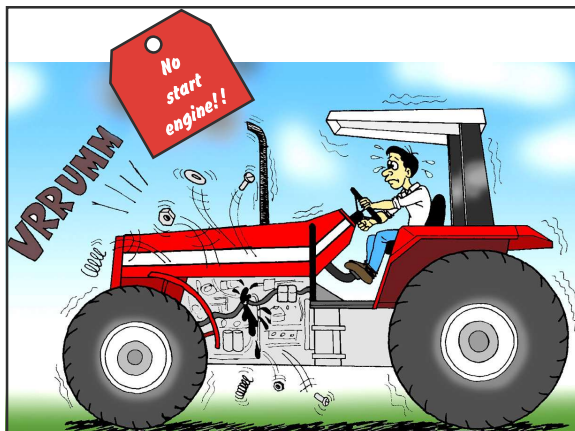


Fig. 10