

1745
Round Baler
Workshop Service Manual

MASSEY FERGUSON®
1745
Round Baler
4283399M1
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Massey Ferguson®**1745
Round Baler****WORKSHOP SERVICE MANUAL
4283399M1****01 - General Information****Contents**

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GENERAL INFORMATION

SAFETY

Safety Alert Symbol

FIG. 1: The safety alert symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

This safety alert symbol indicates important safety messages in this Operator Manual. When you see this symbol, carefully read the message that follows and be alert to the possibility of personal injury or death.

Safety Signs

If a used machine has been purchased, be sure all safety signs are in the correct location and can be read.

Replace any safety signs that can not be read or are missing. Replacement safety signs are available from your dealer. The location of safety signs is illustrated at the end of this division.



FIG. 1

Safety Messages

FIG. 2: Whenever you see the words and symbols shown below, used in this manual, you **MUST** take note of their instructions as they relate to personal safety.




-  **DANGER:** Indicates an imminently hazardous situation that, if not avoided, will cause death or very serious injury.
-  **WARNING:** Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.
-  **CAUTION:** Indicates a potentially hazardous situation that, if not avoided, may result in minor injury.



FIG. 2

Informational Messages

The words IMPORTANT and NOTE are not related to personal safety, but are used to give additional information and tips for operating or servicing this equipment.

IMPORTANT: Identifies special instructions or procedures which, if not strictly observed, could result in damage to or destruction of the machine, process, or its surroundings.

NOTE: Identifies points of particular interest for more efficient and convenient repair or operation.

General Information

Manual

The photos, illustrations, and data used in this manual were current at the time of printing, but due to possible in-line production changes, your machine can vary slightly in detail. The manufacturer reserves the right to redesign and change the machine as necessary without notification.



WARNING: In some of the illustrations or photos used in this manual, panels or guards may have been removed for clarity. Never operate the machine with any panels or guards removed. If the removal of panels or guards is necessary to make a repair, they **MUST** be replaced before operation.

A Word to the Operator

FIG. 3: It is YOUR responsibility to read and understand the Safety section in this book before operating this machine. Remember that YOU are the key to safety. Good safety practices not only protect you, but also the people around you. Study the features in this book and make them a working part of your safety program. Keep in mind that this Safety section is written only for this type of machine. Practice all other usual and customary safe working precautions, and above all **REMEMBER - SAFETY IS YOUR RESPONSIBILITY. YOU CAN PREVENT SERIOUS INJURY OR DEATH.**

This Safety section is intended to point out some of the basic safety situations that may be encountered during the normal operation and maintenance of your machine, and to suggest possible ways of dealing with these situations. This section is **NOT** a replacement for other safety practices featured in other sections of this book.

IMPORTANT: *This manual covers general safety practices for this machine. It must always be kept with the machine.*



WARNING: An operator should not use alcohol or drugs which can affect their alertness or coordination. An operator on prescription or 'over the counter' drugs needs medical advice on whether or not they can properly operate machines.

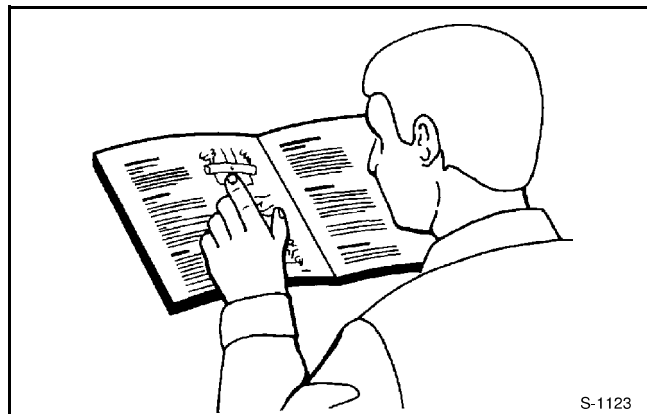


FIG. 3

Prepare for Operation

Read this manual completely and make sure you understand the controls. Know the positions and operations of all controls before you operate this machine. Check all controls in an area clear of people and obstacles before starting your work.

All equipment has a limit. Make sure you understand the speed, brakes, steering, stability, and load characteristics of this machine before you start.

Make sure your machine has the correct equipment needed by the local regulations.

Operation

Make sure the machine is in the proper operating condition as stated in the Operator Manual.

Make sure the tractor is in proper operating condition with the brakes adjusted, especially when operating on terrain that is not even.

To achieve proper braking capacity, the weight of the baler with a bale must not exceed 1.5 times the weight of the tractor.

FIG. 4: Wear all protective clothing and personal protective equipment issued to you or called for by job conditions. Wear approved hearing protection whenever operating the machine as required by country/local regulations. Do not wear loose clothing, jewelry, or other items that could entangle in moving parts. Tie up long hair that also could entangle in moving parts. Always keep hands, feet, hair, and clothing away from moving parts.

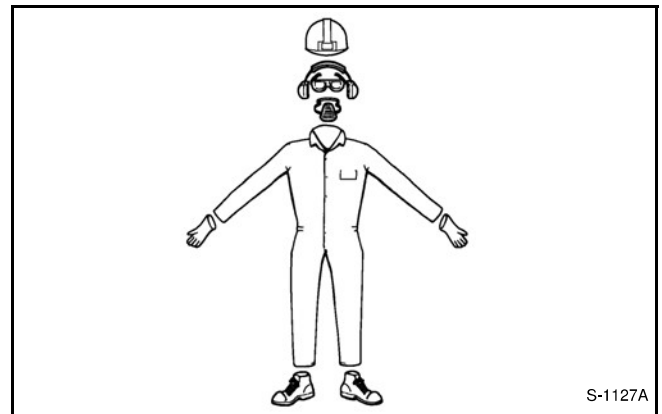


FIG. 4

FIG. 5: Securely fasten your seat belt before operating the machine. Always remain seated when operating the machine.

Never start the tractor with PTO engaged.

Always slide the hitch pin lock plate over the hitch pin and install the Klik pin when connecting the baler to the tractor.

Always install the safety transport chain between the baler and tractor drawbar.

- Use a chain with a strength rating equal to or more than the gross weight of the towed machine.
- Supply only enough slack in the chain to permit turning.
- Do not use the safety transport chain as a tow chain for towing.

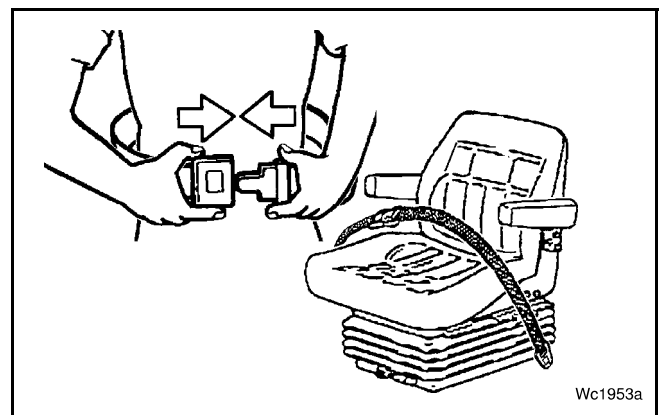


FIG. 5

General Information

FIG. 6: Always put the tractor transmission in park and apply the parking brake and remove the tractor key when parking the machine and take the key with you.

Do not allow children or unqualified persons to operate your machine.

Do not permit others to ride on the machine. Keep others away from your area of work.

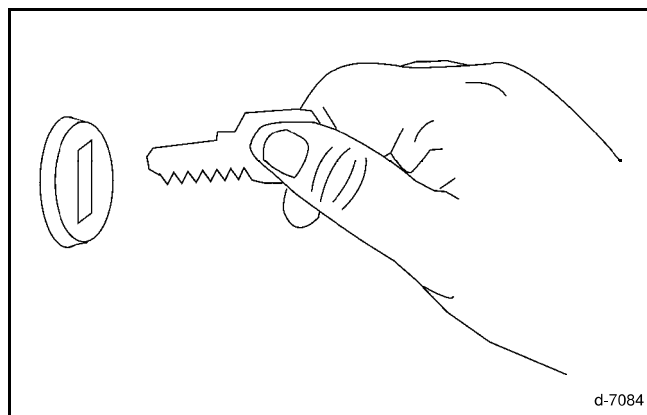


FIG. 6

FIG. 7: Because of the flammable nature of many hay crops, a water fire extinguisher must be placed within easy reach.

Keep a first aid kit handy for treatment for minor cuts and scratches.

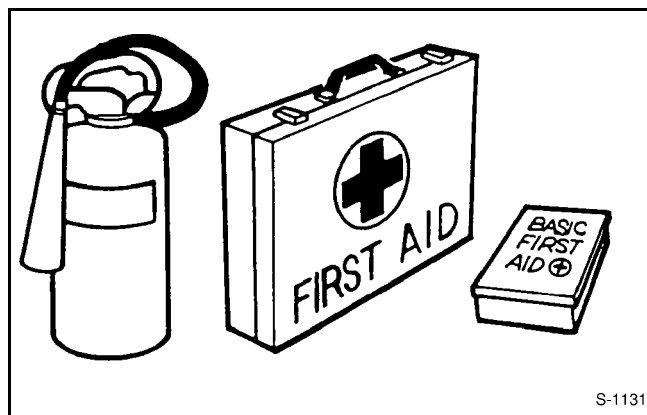


FIG. 7

FIG. 8: Stay at least 3.7 m (12 ft) away from the tailgate at all times. The tailgate operates faster than you can move away.

Always make sure the area around the tailgate is clear for at least 3.7 m (12 ft) before opening the tailgate and unloading the bale. Keep bystanders away from the baler and the tailgate when unloading a bale.

Before raising the tailgate, make sure the baler is securely fastened to the tractor drawbar. The baler tongue may lift up when the tailgate is raised. This can cause the baler to tip to the rear, causing personal injury or damage to the machine.

Avoid contact with electrical power lines. Never open the tailgate near electrical wires. Contact with electrical power lines can cause electrical shock, resulting in very serious injury or death.

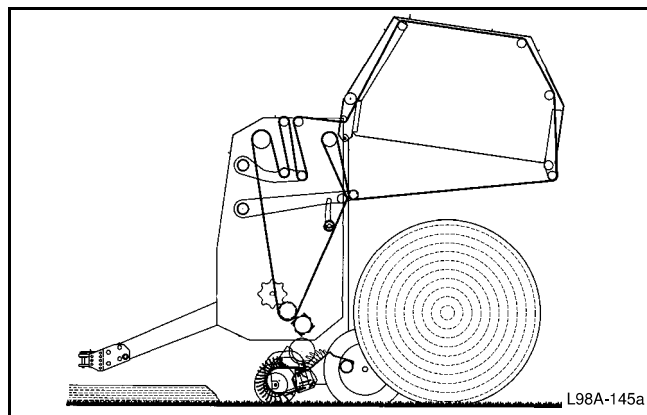


FIG. 8