Massey Ferguson®

9540 / 9550 / 9560
Rotary Combine

SERVICE MANUAL
4283447M2

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Massey Ferguson®

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01 - General Information

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SAFETY

SAFETY ALERT SYMBOL

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

Look for the safety alert symbol both in this manual and on safety signs on the machine. The safety alert symbol will direct you to information that includes your safety and the safety of others.

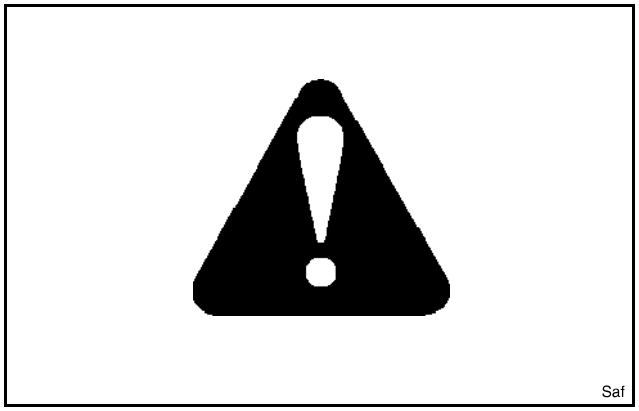

FIG. 1

SAFETY MESSAGES

FIG. 2: The words DANGER, WARNING, or CAUTION are used with the safety alert symbol. Learn to recognize these safety alerts and follow the recommended precautions and safety practices.

DANGER: Indicates an imminently hazardous situation that, if not avoided, will result in DEATH OR VERY SERIOUS INJURY.

WARNING: Indicates a potentially hazardous situation that, if not avoided, can result in DEATH OR SERIOUS INJURY.

CAUTION: Indicates a potentially hazardous situation that, if not avoided, can result in MINOR INJURY.

FIG. 2

INFORMATIONAL MESSAGES

The words IMPORTANT and NOTE are not connected 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, can result in damage to or destruction of the machine, process, or the surroundings.

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

A WORD TO THE OPERATOR

FIG. 3: It is YOUR responsibility to read and understand the safety section in this manual and the manual for all attachments before operating this machine. Remember YOU are the key to safety. Good safety practices not only protect you, but also the people around you.

Study the features in this manual 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. This section also suggests possible ways of dealing with these situations. This section is NOT a replacement for other safety practices featured in other sections of this manual.

Personal injury or death may result if these precautions are not followed.

Learn how to operate the machine and how to use the controls properly.

Do not let anyone operate the machine without instruction and training.

For your personal safety and the personal safety of others, follow all safety precautions and instructions found in the manuals and on safety signs affixed to the machine and all attachments. Use only approved attachments and equipment.

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

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.

CAUTION: If any attachments used on this equipment have a separate Operator Manual, see that manual for other important safety information.

CAUTION: See the engine Operation and Maintenance Manual for other important safety information.

CAUTION: See the combine Operator Manual for other important safety information.

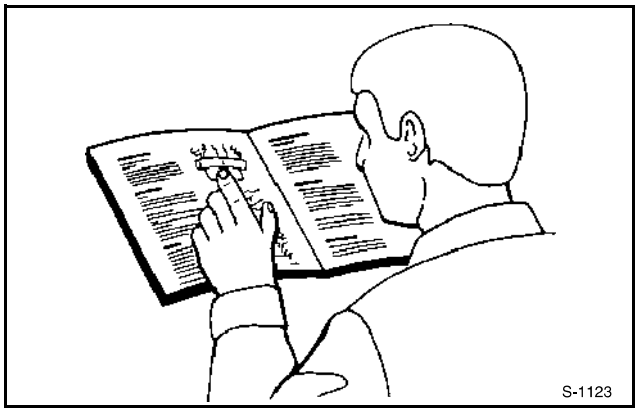

FIG. 3

FIRE PREVENTION AND FIRST AID

FIG. 4: If equipped, a fire extinguisher (1) will be install on the front of the left-hand combine platform.

Be prepared for emergencies. Always carry one or more suitable fire extinguishers - ABC rating, dry chemical, 2.2 KG (5 lb). Check fire extinguishers regularly to make sure the fire extinguishers are properly charged and in operating condition.

Mounting a fire extinguisher near the operator cab and a fire extinguisher near the engine compartment is recommended.

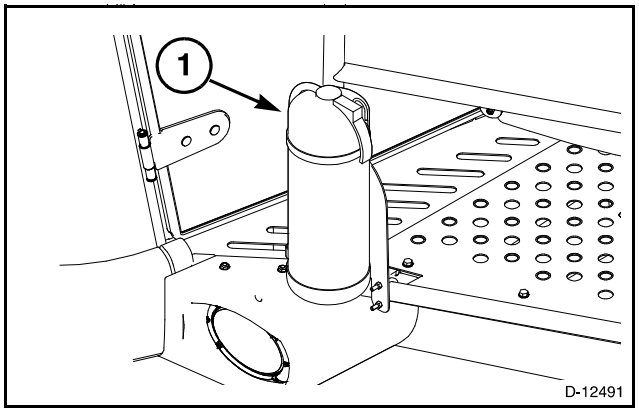

FIG. 4

FIG. 5: To reduce the risk of fire or damage if fire occurs:

- Check for over heated components
- Frequently clean the engine compartment of any chaff and crop debris
- Frequently clean areas of the machine & header where crop can accumulate
- Mount a fire extinguisher within easy reach at the front and rear of the machine

If any flame cutting, welding, or arc welding is to be done on the machine or header, make sure to clear any crop material or debris from around the area. Make sure the area below the work area is clear of any flammable material as falling molten metal or sparks can ignite the material.

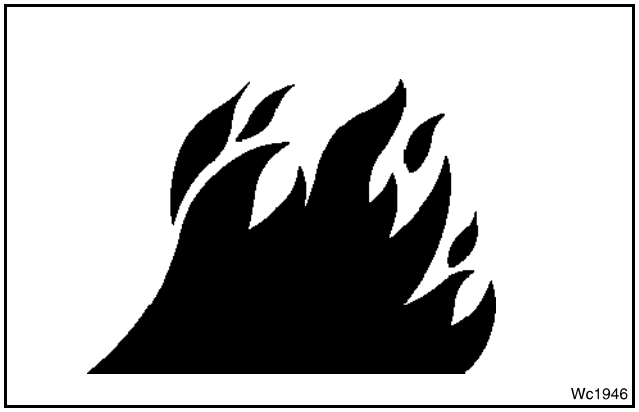

FIG. 5

PREPARE FOR OPERATION

Make sure the combine is in the proper operating condition as shown in the combine operator manual. Make sure the machine has the correct equipment needed by local regulations.

Read and understand all operating instructions and precautions in this manual before operating or servicing the machine. Make sure you know and understand the positions and operations of all controls.

Make sure that all controls are in neutral and the parking brake is engaged before starting the machine. Make sure that all people are well away from your area of work before starting and operating the machine.

All equipment has a limit. Make sure you understand the speed, brakes, steering, stability, and load characteristics of the machine before you start. Check all controls in an area clear of people and obstacles before starting your work.

Be aware of the machine size and have enough space available to permit operation. Never operate the machine at high speeds in crowded locations.

OPERATION

WARNING: In order to provide a better view, photographs and illustrations in this manual can show an assembly with the shield removed. Do not operate the combine unless all shields are in location. Replace the shields immediately after completion of inspection, repairs, cleaning or adjustments and before operation begins.

FIG. 6: Wear close fitting clothing and personal protection equipment for operating or doing lubrication and maintenance on the combine. Tie up long hair to prevent hair from becoming entangled in moving parts.

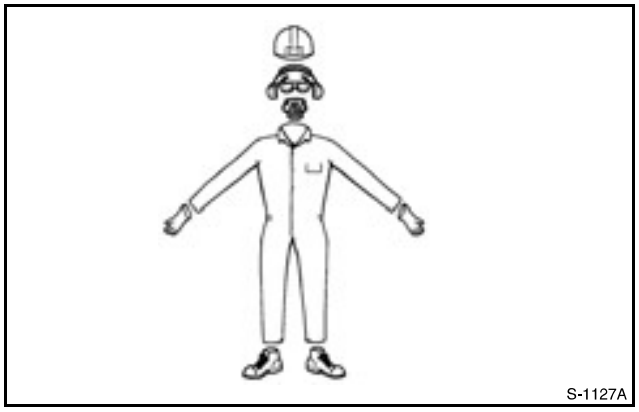

FIG. 6

FIG. 7: Face the ladder and use the handrails when getting on or off the combine.

FIG. 7

FIG. 8: Never operate the engine in a closed building unless the exhaust is vented outside.

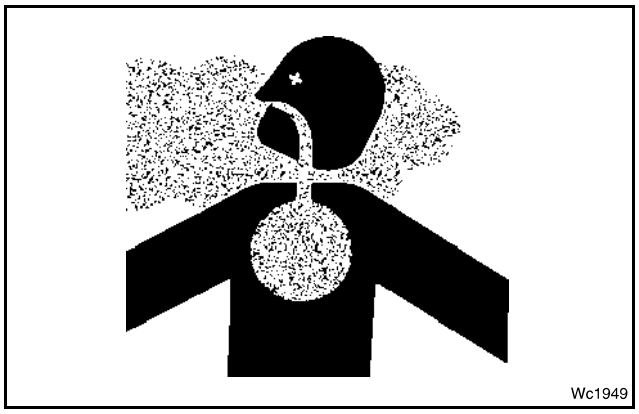

FIG. 8

FIG. 9: Always wear the seat belt when the combine is moving. If another person is riding in the instructor seat, make sure the person wears a seat belt. Seat belts must be worn fitted tightly around the hips and not twisted.

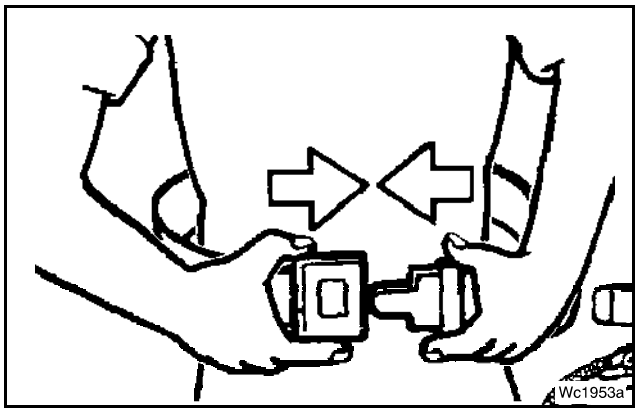

FIG. 9

FIG. 10: Never permit anyone on any part of the combine or attachments except in the operator seat and the instructor seat when the engine is running.

Do not get on or off the combine while the combine is moving.

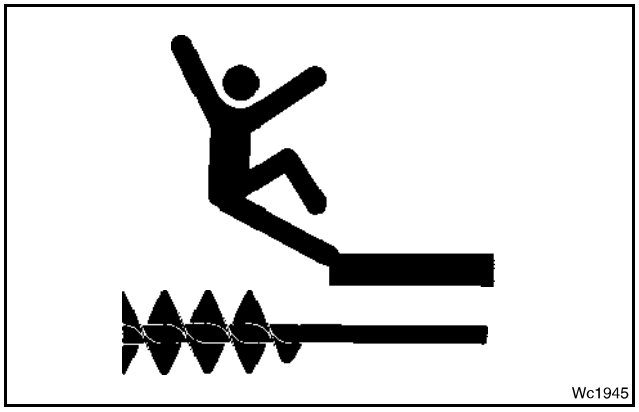

FIG. 10

FIG. 11: Prevent contact with electrical power lines. Always put the grain tank unloader tube in the transport position and lower the radio aerial before moving the combine near electrical wires. Contact with electrical power lines can cause electrical shock, resulting in very serious injury or death.

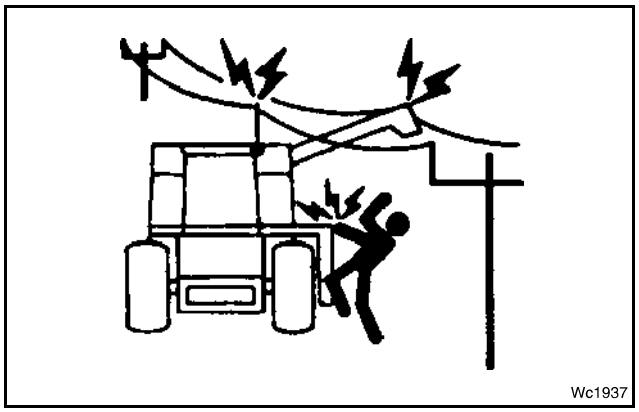

FIG. 11

FIG. 12: Use extra care and reduce speed when operating on hillsides or near ditches or embankments especially with a full grain tank to prevent rollover. Travel speed must be such that complete control and machine stability is kept at all times. Shift to a lower gear before going down a steep hill.

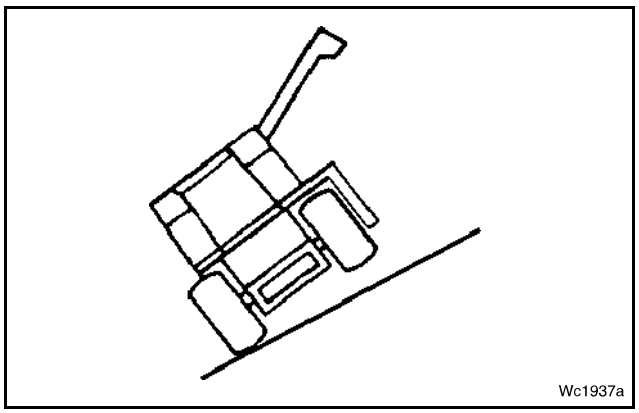

FIG. 12