

Model 1300 Series Workshop Service Manual

**MASSEY FERGUSON®
Model 1300 Series
700724502 A Rev.
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NOTES

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's Manual. When you see this symbol, carefully read the message that follows and be alert to the possibility of personal injury or death.



FIG. 1


SAFETY SIGNS

If a used machine has been purchased, be sure that 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 section.

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.

SAFETY

THIS 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.

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



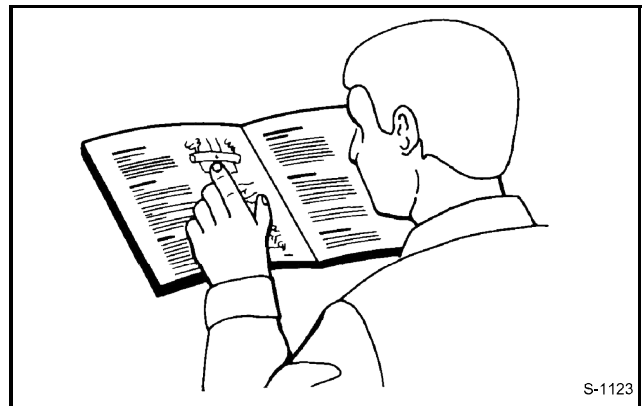
WARNING: An operator should not use alcohol or drugs which can affect their alertness or coordination. An operator on prescription or 'over the counter' drugs needs medical advice on whether or not they can properly operate machines.

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 and your tractor before you start.

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



S-1123

FIG. 3

OPERATION

Make sure the tractor is in the proper operating condition as stated in the tractor operator's manual.

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. 4: All shields, guards, and curtains must be in the correct operating position and in good condition. Never stand near the cutterbar while the machine is operating.

Be careful when operating along the side of a road or building. Rocks or other debris can be thrown from the machine during operation possibly resulting in injury. Tilt the cutterbar back in fields where stones and foreign objects are present. This will raise the cutting knives and minimize debris being thrown by the rotating knives.

Where possible avoid operating the machine near ditches, embankments, and holes. Reduce speed when operating on rough, slippery, or muddy surfaces and when turning or crossing slopes. Stay off slopes too steep for proper operation.

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

DO NOT use attachments unless the attachments are approved optional equipment.

FIG. 5: 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.

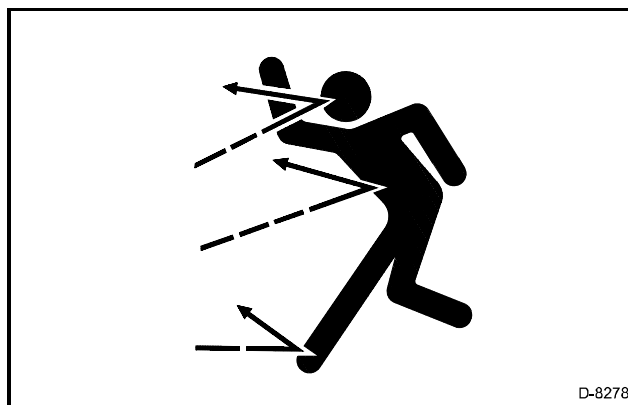


FIG. 4

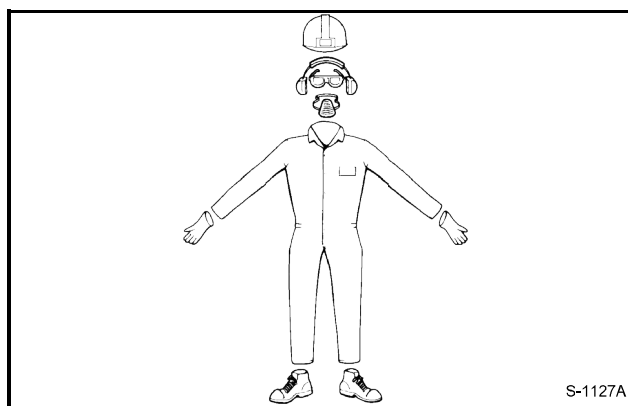


FIG. 5

FIG. 6: Securely fasten your seat belt before operating the machine.

The seat belt must be snug and not twisted.

Always remain seated when operating the machine.

This mower must be used on a tractor with a fully enclosed ROPS cab. Close the cab windows during operation.

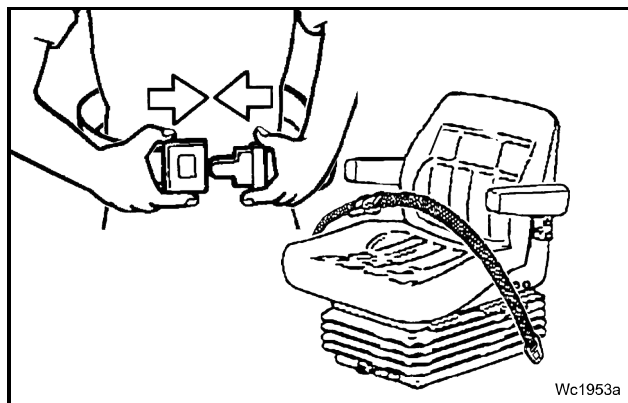


FIG. 6

SAFETY

FIG. 7: Always remove the tractor ignition key and take it with you when parking the machine. Always lower the cutterbar to the ground when parking.

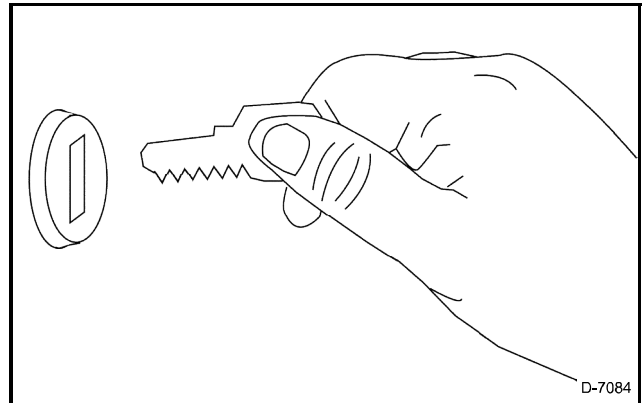


FIG. 7

FIG. 8: 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.

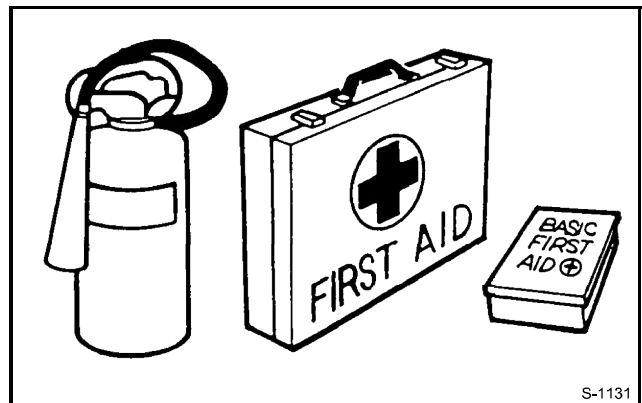


FIG. 8

TRAVEL ON PUBLIC ROADS

FIG. 9: Use the lighting system supplied with the machine when roading.

Make sure reflectors are installed, in good condition, and wiped clean. Be sure the SMV emblem is clean, visible, and correctly mounted on the rear of the machine.

Familiarize yourself with and obey all road regulations that apply to your machine. Consult your local law enforcement agency for local regulations regarding movement of farm equipment on public roads.

Adjust travel speed to maintain control at all times. Limit speeds to 32 km/hr (20 mph).

Be aware of other traffic on the road. Keep well over to your own side of the road and pull over, whenever possible, to let faster traffic pass.

Be aware of the overall width and length of the machine. Be careful when transporting the machine on narrow roads and across narrow bridges.

Check the overhead clearance carefully before driving the mower beneath electric lines, bridges, trees, into buildings, or any overhead obstruction.

Lock the machine into transport position using the hydraulic lock valve before traveling on public roads.

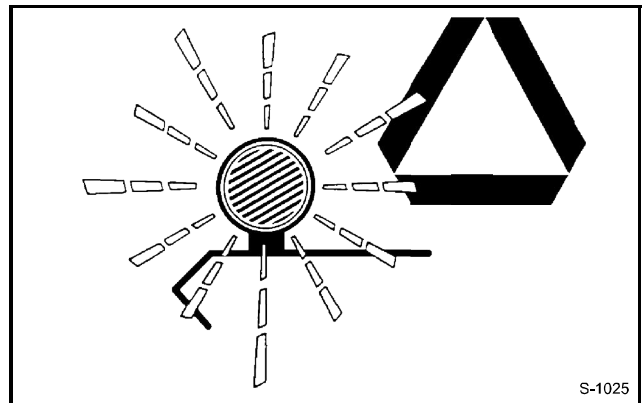


FIG. 9

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