

# SAFETY

## PERSONAL SAFETY INSTRUCTIONS

Whenever the words and safety symbols below appear in this manual or on decals, you **MUST** take note of their instructions as these instructions relate to personal safety.



**DANGER:** This symbol and the word **DANGER** indicate an imminent dangerous situation that, if not avoided, will result in **DEATH OR VERY SERIOUS INJURY**.



**WARNING:** This symbol and the word **WARNING** indicate a potentially dangerous situation that, if not avoided, may result in **DEATH OR VERY SERIOUS INJURY**.



**CAUTION:** This symbol and the word **CAUTION** are used to indicate a potentially dangerous situation that, if not avoided, may result in **MINOR INJURY**.

**IMPORTANT:** The word **IMPORTANT** is used to identify special instructions or procedures that, if not strictly adhered to, could result in damage to, or destruction of the machine, the process or its surroundings.

**NOTE:** The word **NOTE** is used to indicate points of particular interest for the most effective and convenient repair or operation.

It is essential to understand the following safety instructions completely and always to bear them in mind before, during and after operation of the machine. Never take risks.

## MAKING YOUR TRACTOR SAFE

### HOW TO STAY SAFE

- (1) You must never: Alter the structure of the tractor, fit another type of engine or fit tyres of a different size to that of the original tyres.

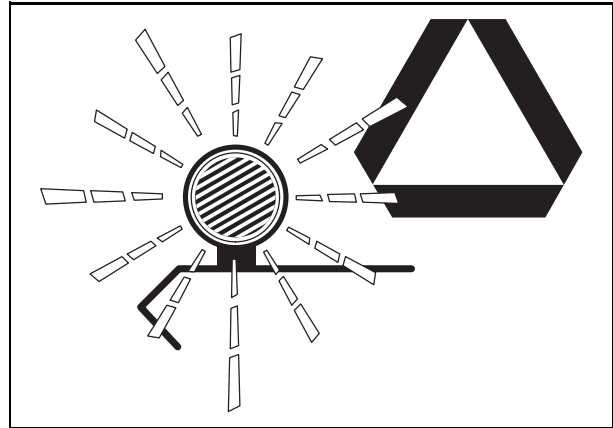
Any malfunction or tractor faults caused by unauthorised modification are not covered by the warranty.

- (2) This tractor cannot be driven on public roads without the authorisation of the local authority.

Tractors that cannot be driven on public roads must be loaded onto a truck.

When driving with an implement that is wider than the tractor, fit red warning signs, such as marker flags (red lights at night) to the most visible locations on each side of the implement. Also fit a "SLOW MOVING VEHICLE" sign so that it can be easily seen by other road users. Drive the tractor with care, taking account of the fact that the implement is much wider and can easily overturn. If the implement can be folded away, fold it away before starting off. If you come to a road or a crossing where visibility is poor, fit a rear-view mirror to the tractor to improve visibility at the front of the tractor and avoid moving too far forward at road intersections.

- (3) If the law requires it, you must switch off work lights before driving the tractor on public roads.



**MAXIMUM IMPLEMENT DIMENSIONS**

<b>Implement</b>	<b>Item</b>	<b>MF1519</b>	<b>MF1523</b>
Rotary mower .....	Centre mounting .....	Max. cutting width .....	1220 mm
	(2, 3 blades) .....	Max. weight .....	150 kg
	Rear mounting .....	Max. cutting width .....	1070 mm
	(1 blade) .....	Max. weight .....	150 kg
(2, 3 blades) .....	Max. weight .....	150 kg	
	Rotary tiller.....	Max. tilling width .....	1070 mm
		Max. weight .....	150 kg
Mould board plough .....	Max. size.....	360 mm x 1	
Disc plough .....	Max. size.....	560 mm x 1	
Cultivator .....	Max. size .....	1370 mm	
	Max. weight .....	150 kg	
Disc harrow .....	Max. harrowing width .....	1400 mm	
	Max. weight .....	150 kg	
Sprayer.....	Max. tank capacity .....	120 litres	
Spreader.....	Max. tank capacity .....	120 litres	
Sand spreader.....	Max. tank capacity .....		
Front blade sub-frame .....	Max. cutting width .....	1250 mm	
Rear blade .....	Max. cutting width .....	1200 mm	
	Max. weight .....	150 kg	
Cutting box .....	Max. cutting width .....	1070 mm	
	Max. weight .....	150 kg	
Snow blower with sub-frame .....	Max. cutting width .....	1220 mm	
	Max. weight .....	130 kg	
Trailer .....	without brake .....	Max. load capacity .....	300 kg
Three-point linkage .....	Front .....	Max. load capacity .....	150 kg
	Rear .....	Max. load capacity .....	540 kg
Weight .....	Front wheel .....	Max. load capacity .....	0 kg
	Rear wheel .....	Max. load capacity .....	80 kg
	Bumpers .....	Max. load capacity.....	90 kg (6 weights)
Cab.....	Max. weight .....	150 kg	

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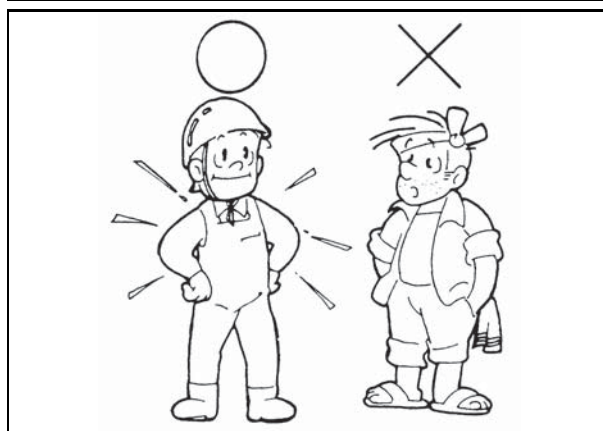
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## FOR SAFE OPERATION

### How to be a careful and safe operator

- (1) Carefully read through the operating manual to familiarise yourself fully with all of the machine controls before using your tractor.
- (2) Never allow the persons listed below to operate the tractor:
  - Persons with a mental illness
  - Persons incapable of operating the tractor properly due to fatigue, illness or drowsiness as a result of taking medication etc.
  - Pregnant women
  - Young persons or children too young to be legally permitted to operate the tractor  
To remain alert, get into the habit of taking a break at regular intervals.
- (3) Wear suitable clothing and protective equipment during operation.
  - Head protection  
Protect your head by wearing a helmet, especially if the tractor is to be driven on public roads or when carrying out operations above head height.
  - Protect yourself from being caught up in the machine  
Wear tight fitting clothes and a helmet, as loose fitting clothes and hair can get caught in moving parts of the machine.
  - Protection against dust or toxic gases  
Always wear protective equipment when handling toxic chemical products to protect the respiratory system, eyes and skin.
  - Ear protection  
Wear ear plugs or take suitable precautions to protect your ears when operating the machine under extremely noisy conditions.
  - Maintenance of protective equipment  
Periodically inspect protective equipment to ensure that it is working correctly. Use this equipment at all times.

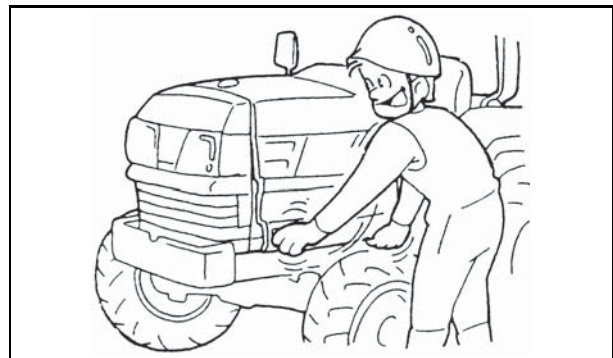
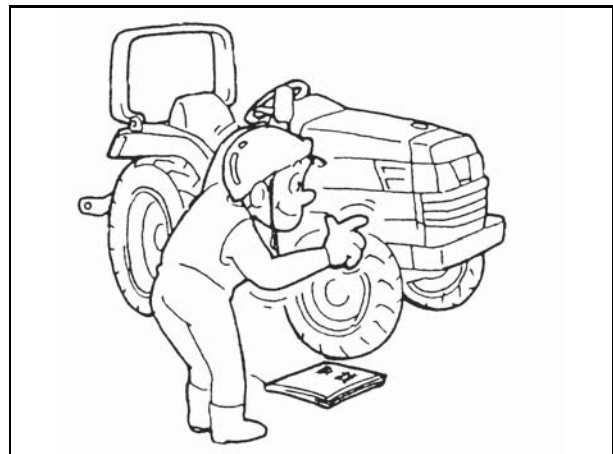
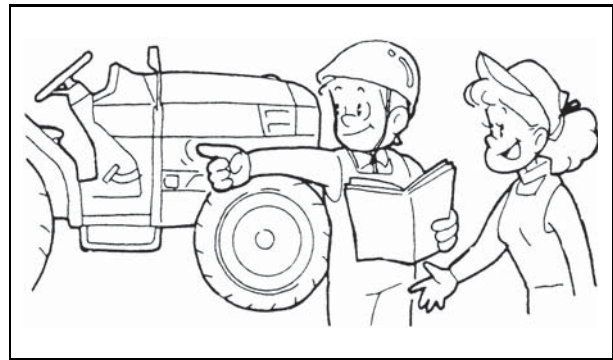


**IF ANOTHER PERSON OPERATES YOUR TRACTOR**

If another person operates your tractor, you must explain how it operates and ask them to read the entire manual to prevent unexpected accidents from occurring.

**PRIOR TO OPERATION**

- (1) Organise your schedule of work, allowing yourself sufficient time. An overloaded schedule may result in unexpected accidents due to work being carried out in a hurry.
- (2) To ensure optimum operation, periodically inspect and service the tractor by following the instructions contained in the operating manual. Pay special attention to the controls—particularly the brakes and the clutch—and the machine safety instructions when carrying out maintenance. The risk of accidents will be considerably reduced if the machine is operating correctly and normally. If safety devices are damaged or not working, consult your Massey Ferguson dealer.
- (3) Before removing a safety device such as a bonnet, you must ensure that the machine has come to a complete stop. Once the maintenance has been carried out, always remember to refit the parts that were removed.
- (4) Never fill with fuel when the engine is running or when the engine is still hot. Never smoke or bring naked flames into the vicinity of the fuel tank or the tractor when refilling with fuel. Never use naked flames to provide light when filling the tractor with fuel at night.

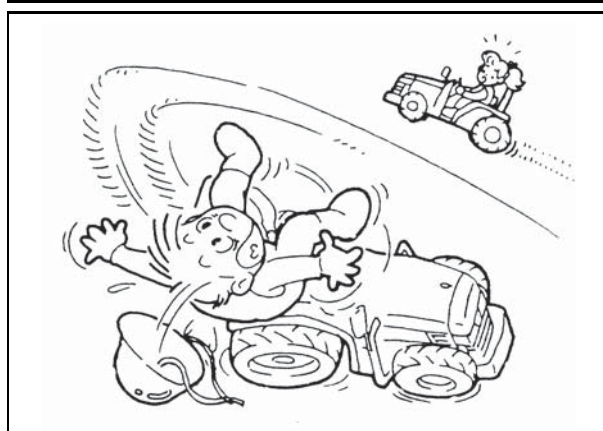
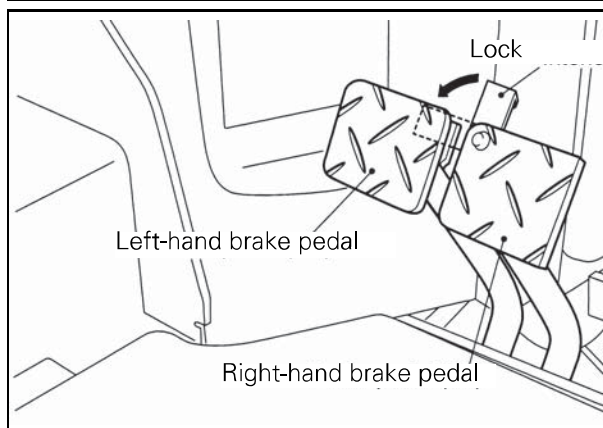
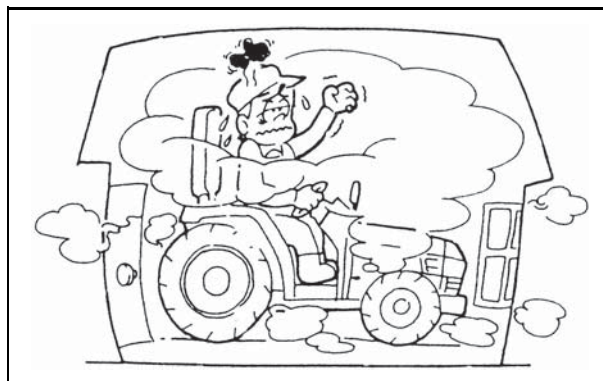


## STARTING THE ENGINE AND MOVING THE TRACTOR

- (1) Before starting the engine in an enclosed area, check to make sure that there is adequate ventilation as exhaust gases contain carbon monoxide, which is a toxic gas that can cause lethal poisoning.
- (2) Before starting the engine, check that the correct speed has been selected, check that there is nobody near the tractor and check that the implement is properly secured to the tractor. Always drive the tractor while seated in the operator's seat. Never leave the seat when the tractor is in operation, except in an emergency.
- (3) Before starting to drive away, always check the safety conditions around the machine to avoid causing injury to persons or damage to equipment and property. Never operate the tractor in sudden movements.

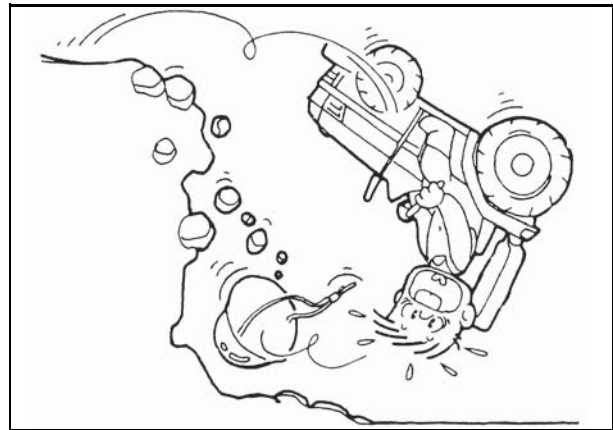
## DRIVING

- (1) When driving on public roads, lock the brake pedals together using the locking plate to prevent the tractor from overturning if one of the wheels should lock. (Mechanical transmission)
- (2) When driving on public roads, always unlock the differential to prevent the tractor from overturning.
- (3) Do not take tight corners at speed or during transport, as the tractor could overturn.
- (4) When working on unstable ground, such as a rough track, a slope, a road alongside a ditch or a river, or even on undeveloped land, drive the tractor at slow speed and proceed with care.
- (5) Do not make sharp turns on a slope as the tractor could overturn. When climbing a slope, select the most suitable ratio. Start moving the tractor as slowly as possible. Never change gear when climbing a slope.



When starting to climb a slope, check to ensure that the front wheels do not lift. When descending a slope, drive at a slower speed than the speed used to climb the slope. During the descent, you must never disengage the clutch and never select neutral. Never attempt to control the speed using only the brakes. Use engine braking effectively.

- (6) When driving on a road where one or both verges are sloped and running alongside a ditch, watch out for unstable verges, especially if the ditch is filled with water and take care not to allow the tractor to skid sideways.
- (7) Do not allow other persons to climb onto the tractor or the implement, unless there is a seat or a platform provided for sitting or standing and only within the specified capacity. Never allow anyone to climb onto the implement when driving on a public road.
- (8) Always park the tractor on a hard and level surface and take the necessary precautions, by lowering the implement to the ground, removing the key, applying the parking brakes and correctly chocking the wheels.
- (9) Keep inflammable products well away from the engine during operation. Do not run the engine at high speed, especially when the vehicle is stationary, to avoid setting fire to any grass or straw that may be in contact with the exhaust pipe or hot exhaust gases.
- (10) When operating the tractor at night, familiarise yourself with the location of all of the controls. This will help prevent accidental operation of the tractor. When driving on public roads, never switch on the work lights (option).





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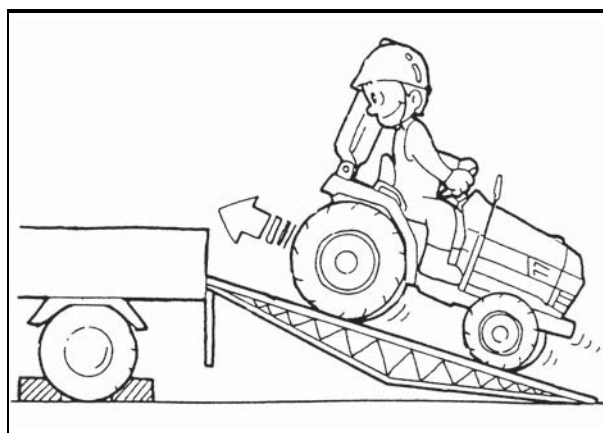
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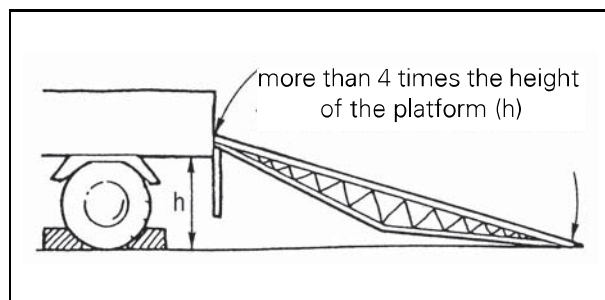
**LOADING AND UNLOADING THE TRACTOR**

- (1) When loading the tractor onto a truck or a trailer, switch off the tractor engine and apply the parking brakes of the transporting vehicle. Otherwise, the transporting vehicle may move and the tractor may fall to the ground.
- (2) Pay attention to the safety conditions around the tractor and ask someone to guide you to assist with the operation. Never allow anyone to come near the tractor, especially in front or behind it.
- (3) Use non-slip ramps to load and unload the tractor onto a truck and ensure that the slope of the ramps is equal. Drive the tractor in a straight line at a suitably slow speed. Use reverse travel to load the tractor and forward travel to unload the tractor.
- (4) Always lock the left and right-hand brakes together beforehand. Never depress the brake pedals or the clutch pedal when loading or unloading the tractor onto or off the platform. This could cause the tractor to run off course and fall off the ramps.
- (5) If the engine should suddenly stall when on the ramps, immediately depress the brake pedals and allow the tractor to roll onto the ground while operating the brake pedals. Restart the engine when the tractor is on the ground and recommence the operation.
- (6) Once the tractor is loaded onto the truck, switch off the engine, apply the parking brakes and remove the ignition key, then chock the wheels and tie the tractor down securely to the platform using ropes. Do not make sharp and unnecessary turns during transport to prevent the tractor from moving around on the platform.
- (7) Use ramps of a specification equivalent to or above the cited specifications. If the tractor is equipped with implements other than those covered by the specifications mentioned below, ask for advice from your Massey Ferguson dealer.



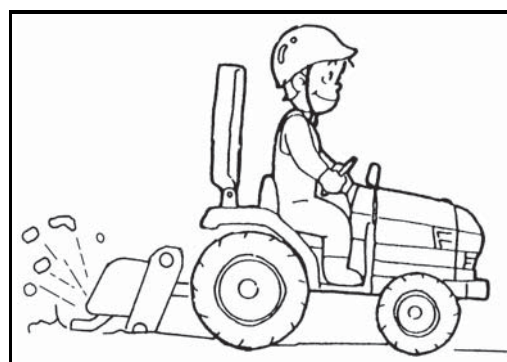
Ramp specifications

- Length: 4 times greater than the height of the truck platform.
  - Width (effective width): .....more than 35 cm
  - Capacity (one ramp): .....more than 1000 kg
  - The surface of the ramps must be non-slip.
- (8) Securely attach the ramps to the truck platform, fitting the top such that it is level with the platform.
- (9) Always be prepared for the worst; never allow anyone to come near the tractor.
- (10) When the tractor moves from the ramps onto the platform, proceed with care, as it changes angle abruptly.



**DURING OPERATION**

- (1) When the tractor is in operation, never allow anyone to enter the vicinity of the tractor, as the tractor itself or projecting objects may cause injury.
- (2) Remain vigilant and check the area around the tractor to prevent injury to persons nearby or causing damage to equipment or property. Always use the horn to warn the people you are working with.
- (3) When crossing a ditch or an embankment, or when operating on loose ground, drive slowly and in a straight line to prevent the tractor from slipping or from overturning.
- (4) Do not touch dangerous parts, such as hot or rotating parts (silencer, radiator, engine etc.), or electrical parts (battery terminals and other parts supplied with power), as this may result in serious injury.
- (5) When using a trailer, the trailer must be suitable for your tractor. An incorrect type of trailer can cause serious accidents. Never attempt to transport loads that exceed the capacity of the machine. If necessary, contact your Massey Ferguson dealer for more information.



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