


OPERATOR'S MANUAL LOCATED
IN WEATHER TITE BOX.

Safety

Improper use or maintenance by the operator or owner can result in injury. To reduce the potential for injury, comply with these safety instructions and always pay attention to the safety alert symbol , which means: Caution, Warning, or Danger—personal safety instruction. Failure to comply with the instruction may result in personal injury or death.

Safe Operating Practices

This product is capable of amputating hands and feet. Always follow all safety instructions to avoid serious injury or death.



Engine exhaust contains carbon monoxide, an odorless, deadly poison that can kill you.

Do not run the engine indoors or in an enclosed area.

Training

- Read the *Operator's Manual* and other training material. If the operator(s) or mechanic(s) can not read English, it is the owner's responsibility to explain this material to them.

Slope Operation

Slopes are a major factor related to loss-of-control and tip-over accidents, which can result in severe injury or death. All slopes require extra caution.

- Do not operate the traction unit on hillsides or slopes exceeding the angles recommended in the Stability Data section in Specifications, page 17, and those in the attachment *Operator's Manual*. See also the Slope Chart, page 8.
- Operate up and down slopes with the heavy end of the traction unit uphill.** Weight distribution changes. An empty bucket will make the rear of the traction unit the heavy end, and a full bucket will make the front of the traction unit the heavy end. Most other attachments will make the front of traction unit the heavy end.

Controls

Become familiar with all the controls (Figure 4) before you start the engine and operate the traction unit.

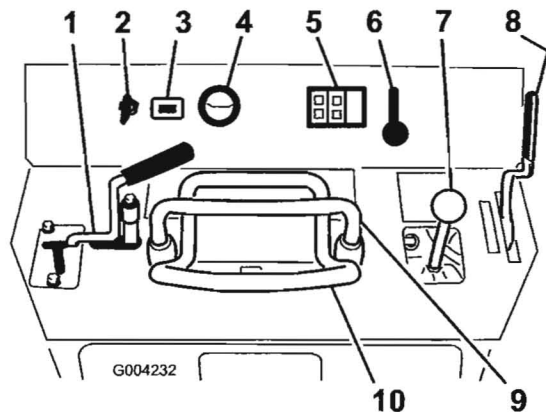


Figure 4

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|--|-------------------------------------|
| 1. Auxiliary hydraulics lever | 6. Throttle lever |
| 2. Key switch | 7. Loader arm/attachment tilt lever |
| 3. Hour meter | 8. Parking brake lever |
| 4. Fuel gauge | 9. Reference bar |
| 5. Indicator lights and glow plug switch | 10. Traction control |

Reference Bar

When driving the traction unit, use the reference bar as a handle and a leverage point for controlling the traction control and the auxiliary hydraulics lever. To ensure smooth, controlled operation, do not take both hands off of the reference bar while operating the traction unit.

Traction Control

To move forward, move the traction control forward. To move rearward, move the traction control rearward (Figure 5).

To turn, rotate the traction control in the desired direction (Figure 5).

The farther you move the traction control in any direction, the faster the traction unit will move in that direction.

To stop, release the traction control.

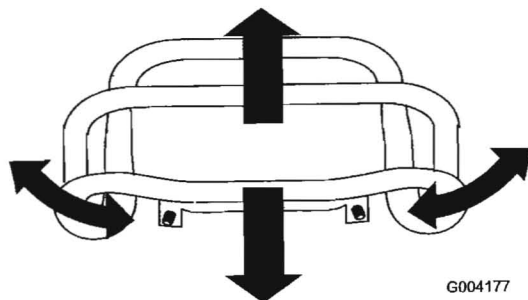


Figure 5

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Loader Arm/Attachment Tilt Lever

To tilt the attachment forward, slowly move the lever to the right (Figure 6).

To tilt the attachment rearward, slowly move the lever to the left (Figure 6).

To lower the loader arms, slowly move the lever forward (Figure 6).

To raise the loader arms, slowly move the lever rearward (Figure 6).

You can also push the lever fully forward into a detent position (Figure 6) to release the loader arms so that the attachment rests on the ground. This allows attachments such as the leveler and the hydraulic blade to follow the contours of the ground (i.e., float) when grading.

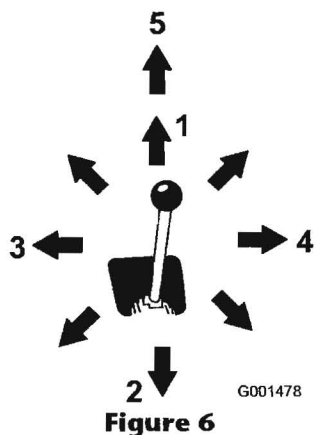


Figure 6

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|---------------------------------|--------------------------------|
| 1. Lower the loader arms | 4. Tilt the attachment forward |
| 2. Raise the loader arms | 5. Detent (Float) position |
| 3. Tilt the attachment rearward | |

By moving the lever to an intermediate position (such as, forward and left), you can move the loader arms and tilt the attachment at the same time.

Key Switch

The key switch, used to start and stop the engine, has three positions: off, run, and start.

To start the engine, rotate the key to the start position. Release the key when engine starts and it will move automatically to the run position.

To stop the engine, rotate the key to the off position.

Throttle Lever

Move the control forward to increase the engine speed and rearward to decrease speed.

Auxiliary Hydraulics Lever

To operate a hydraulic attachment in the forward direction, rotate the auxiliary hydraulics lever rearward and pull it down to the reference bar (Figure 7, number 1).

To operate a hydraulic attachment in reverse direction, rotate the hydraulics lever rearward, then move it left into the upper slot (Figure 7, number 2).

If you release the lever while in the forward position, the lever will automatically return to the neutral position (Figure 7, number 3). If it is in the reverse position, it will remain there until you pull it out of the slot.

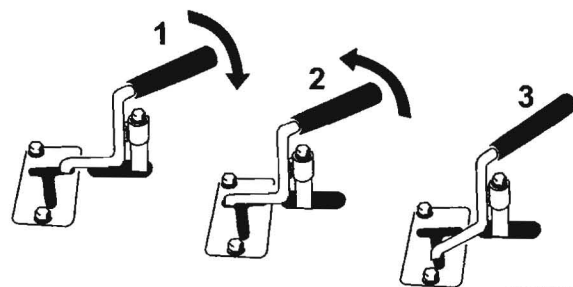


Figure 7

- | | |
|----------------------------|------------|
| 1. Forward flow hydraulics | 3. Neutral |
| 2. Reverse flow hydraulics | |

Parking Brake Lever

To set the parking brake, push the brake lever forward and to the left and then pull it rearward (Figure 8).

Note: The traction unit may roll slightly before the brakes engage in the drive sprocket.

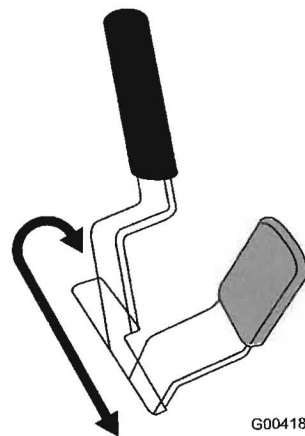


Figure 8

IF YOU DO NOT UNDERSTAND OR FORGET THE INSTRUCTIONS GIVEN OR, IF THE EQUIPMENT FAILS, DO NOT OPERATE OR REPAIR IT. CALL MILPAS RENTAL IMMEDIATELY.