MTL16
MTL20
MTL25

Mustang Track Loader

Operator's Manual

908306

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Mustang Manufacturing Company, Inc., A Gehl® Company

Mustang MTL16, MTL20 and MTL25 Compact Track Loader Operator Manual (908306H)

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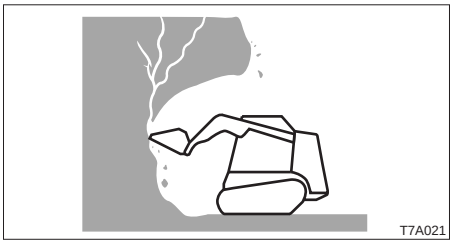
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- SAFETY ALERT SYMBOL
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- INTRODUCTION
- MACHINE DESCRIPTION
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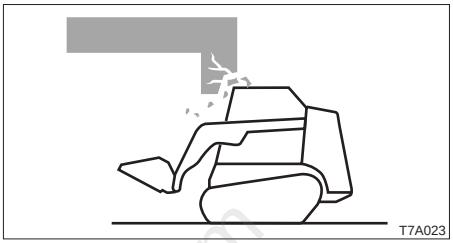
Sample pages follow. Full manual: machinecatalogic.com

Watch out for hazardous working conditions



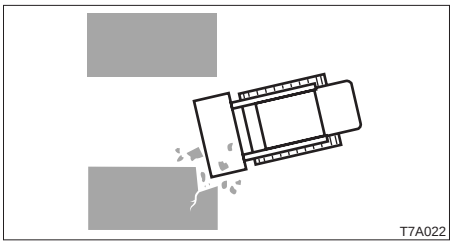
- Never undercut a high bank. Be particularly alert for the possibility of a cave-in.
- Do not operate in places where there is a danger of falling rocks.
- Do not approach unstable surfaces (cliffs, road shoulders, deep trenches, etc.). The ground may give way under the machine's weight or vibrations, causing the machine to tip over.
  - The ground is weak after rain or explosions.
  - The ground is also unstable on banks and near dugout trenches.

Precautions when passing through tunnels or by high walls



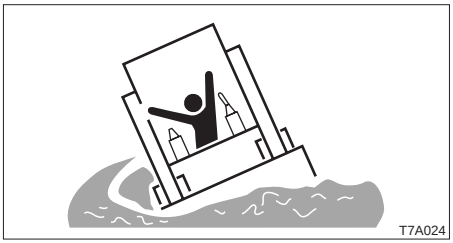
Careless entry into tunnels or places with high walls can lead to serious accidents such as contact accidents, etc. Check height and width limits in advance and verify that the machine is within the limits.

Travel in narrow or congested places



To avoid contact accidents, pay attention to the surroundings at narrow sites, indoors, and congested places and operate at a speed at which the machine can be safely operated.

Do not enter soft ground

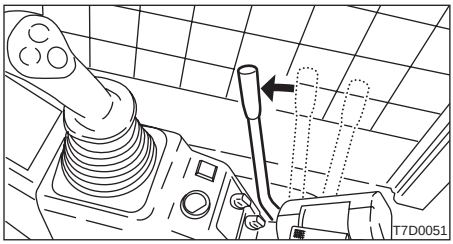


Entry onto soft ground can result in the machine tilting on its own weight, tipping over, or falling in.
Do not enter weak ground such as that following back-filling.

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Warming Up the Engine

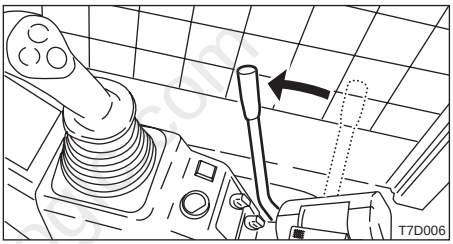
IMPORTANT: Avoid racing the engine until it is warmed up.
Do not warm up the engine for long periods of time (20 minutes or more).



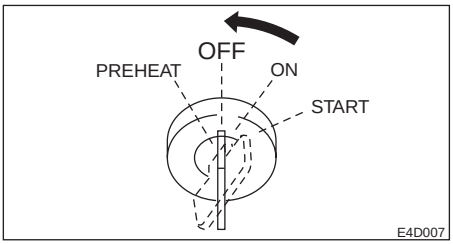
1. Return the throttle lever, then idle the engine and run it for about 5 minutes with no load.

Stopping the Engine

IMPORTANT: Do not stop the engine suddenly when operating with heavy loads or at maximum speed. Doing so may cause the engine to overheat or seize. Never bring the engine to a sudden stop except in the case of a true emergency.



1. Idle the engine for about 5 minutes to gradually let it cool.



2. Turn the key to the OFF position to stop the engine.

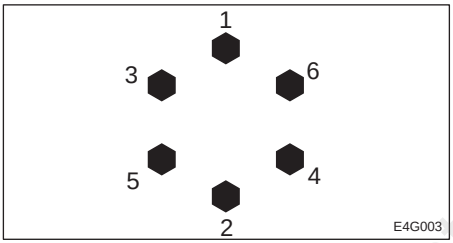
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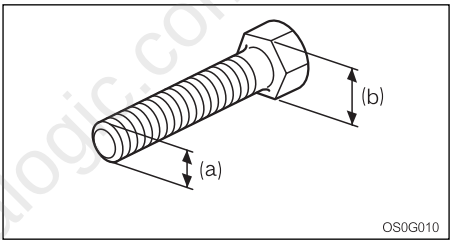
Tightening Torques

Nuts and Bolts (for ISO strength category 10.9)

Tighten nuts and bolts at the torques shown on the table below, unless otherwise specified in the text.

- Tightening torques when mounting plastic covers differ from the values on the table below. Consult a Mustang sales or service outlet. Tightening too strongly will break the cover.
- When replacing nuts and bolts, replace them with nuts and bolts of the same size and standards.
- Tighten nuts and bolts alternately (top, bottom, left then right) or in 2 or 3 times so that they are tightened uniformly.





Thread	Head width (b)	Size (a) X Pitch	Torque	
			General Connection Points	
	mm	mm	N·m	ft-lb
Coarse	10	M6 X 1.0	9.8 ± 0.5	7.2 ± 0.4
	12, 13	M8 X 1.25	22.6 ± 1.1	16.6 ± 0.8
	14, 17	M10 X 1.5	47.1 ± 2.4	34.7 ± 1.7
	17, 19	M12 X 1.75	83.4 ± 4.1	61.5 ± 3.0
	19, 22	M14 X 2.0	134.4 ± 6.7	99.1 ± 4.9
	22, 24	M16 X 2.0	207.9 ± 10.4	153.3 ± 7.7
	27, 30	M20 X 2.5	410.9 ± 20.5	303.1 ± 15.1
Fine	12, 13	M8 X 1.0	24.5 ± 1.2	18.1 ± 0.9
	14, 17	M10 X 1.25	50 ± 2.5	36.9 ± 1.8
	17, 19	M12 X 1.5	87.3 ± 4.3	64.4 ± 3.2
	19, 22	M14 X 1.5	135.3 ± 6.8	99.8 ± 5.0
	22, 24	M16 X 1.5	220.6 ± 11	162.7 ± 8.1
	27, 30	M20 X 1.5	452.1 ± 22.6	333.4 ± 16.6

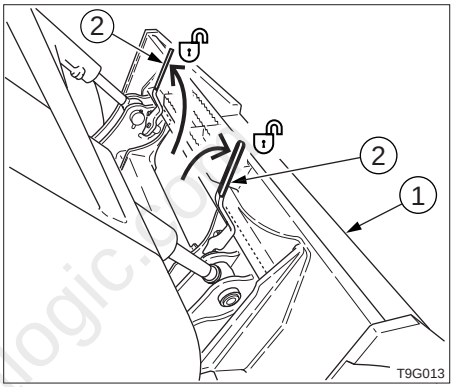
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IMPORTANT: Before operating the machine, always inspect the quick attachment latch pin (4) engagement by raising the loader arms high enough to view the latch pin (4) engagement from the operator's seat.

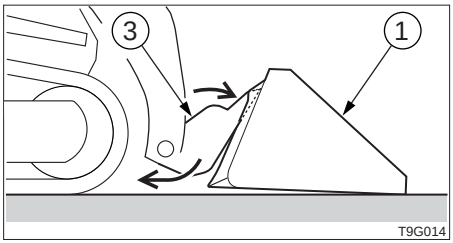
Supplement: If the quick attachment (3) lock levers (2) do not lower into the LOCKED position, remove the attachment and investigate the cause.

Removal

1. Raise the bucket (1) or attachment 25 to 50 mm (1 to 2 in.) off the ground.
2. Stop the engine, raise the safety bar and release the seat belt.



3. Pull both attachment lock levers (2) upward to disengage the bucket (1) or attachment.
4. Return to the operator's seat, lower the safety bar, fasten the seat belt and start the engine.



5. Rotate the quick attachment (3) out (bucket dump function) allowing the bucket or attachment to slide off the top edge of the quick attachment (3).

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If a Fuse Blows

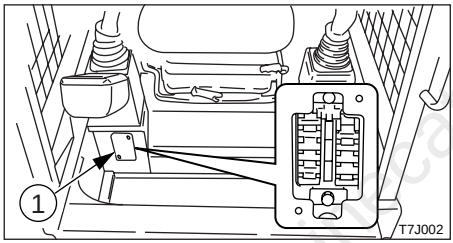
If a light does not turn on or the electric system does not operate, a fuse may be blown. Inspect the fuses.

Inspecting and Replacing the Fuse

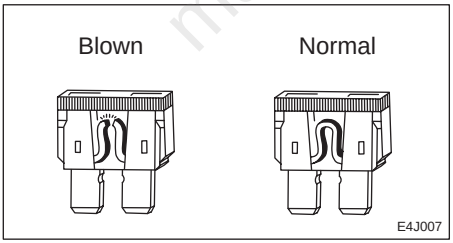
⚠ WARNING

If the fuse blows as soon as it is replaced, there is a problem with the electric system. Continued use may lead to fire. Consult a Mustang sales or service outlet.

1. Turn the starter key to the OFF position and stop the engine.



2. Open the fuse box cover (1).
3. Inspect for any blown fuses.



4. If a fuse is blown, replace it with a spare fuse of the same capacity.

Fuse Layout and Circuits Protected

Capacity	Protected circuit	Capacity	Protected circuit
30A	External power socket (option) Heater (option)		
20A	Tail light	**20A**	Reserve
20A	Front light	**20A**	Instrument panel Feed pump
30A	Arm float, Lever lock Auxiliary	**10A**	Safety relay Generator
10A	Rear wiper (option)	**30A**	Engine stop-solenoid
10A	Front wiper (option)	**20A**	Horn Interior light (option)

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