2095
2105
Skid Steer Loader

Operator's Manual

#908277

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Mustang Manufacturing Company, Inc. A Gehl® Company

Mustang 2095 and 2105 Skid Steer Loader Operator Manual

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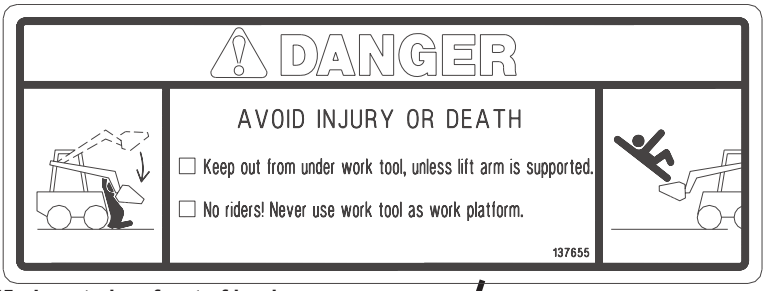
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- Safety
- Controls and Safety Equipment
- Operation
- Service
- Troubleshooting
- Maintenance Schedule
- Specifications
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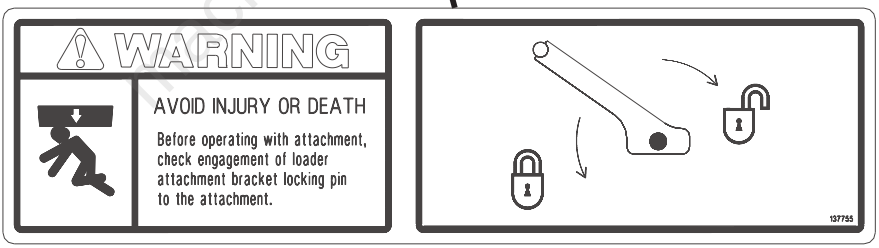
Sample pages follow. Full manual: machinecatalogic.com

Safety Decals on the Outside of the Skid Loader

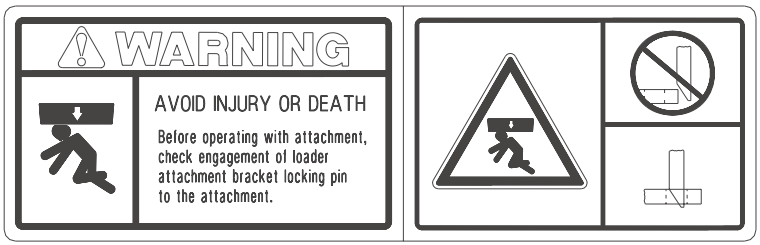


137655 - Located on front of loader



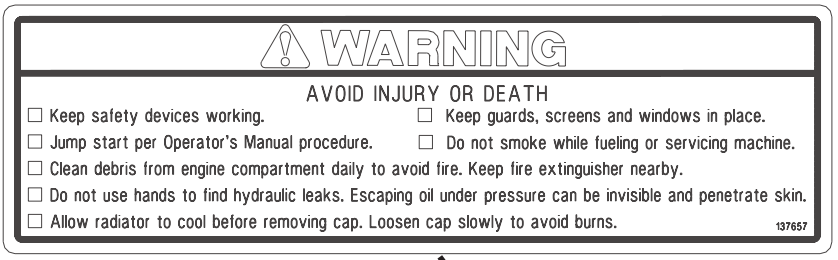


137755 - Located on hitch (manual hitch loaders only)

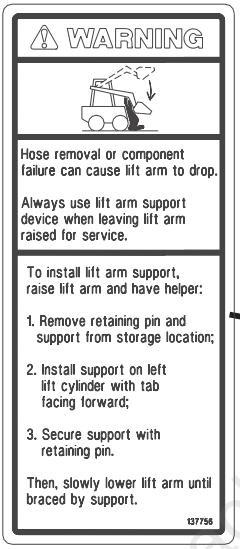


139101 - Located on hitch (power hitch loaders only)

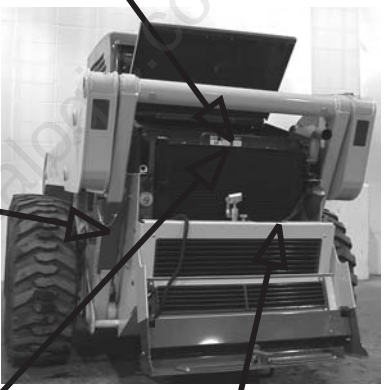
Safety Decals in the Engine Compartment



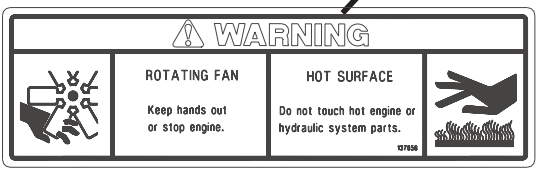
137657 - Located on radiator



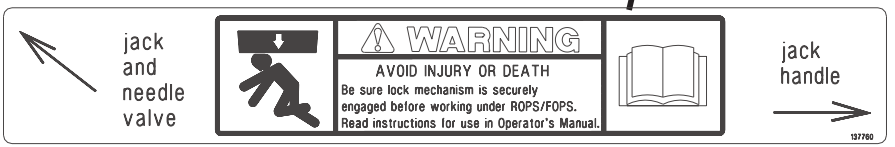
137756 - Located on lift arm support device



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137658 - Located on radiator



137760 - Located on rear door

Lift/Tilt Controls

Moving the lift arm and tilting the attachment are accomplished by movement of the foot pedals. The left pedal raises and lowers the lift arm; the right pedal tilts the attachment. To **raise** the lift arm, use your heel to push down on the left pedal; to **lower** the lift arm, use your toes to push down on the left pedal. To **tilt the attachment downward**, use your toes to push down on the right pedal; to **tilt the attachment up** or back, use your heel to push down on the right pedal.

Note: *The speed of the lift/tilt motion is directly proportional to the amount of pedal movement and engine RPM.*

To place the lift arm in the detent (float) position, use your toes to push the left pedal all the way down, into the detent. This position allows the lowered lift arm to float while traveling over changing ground conditions.

⚠ WARNING Never push the left pedal into the float position with the attachment loaded or raised, because this will cause the lift arm to lower rapidly.

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Loading a Bucket

Approach the pile with the lift arm fully lowered and the bucket tilted slightly forward until the edge contacts the ground. Drive forward, lifting the lift arm and tilting back the bucket to fill it. Back away from the pile.

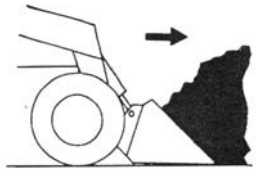


Fig. 24: Loading

Dumping the Load Onto a Pile

Carry a loaded bucket as low as possible until the pile is reached. Gradually stop forward motion and raise the lift arm high enough so that the bucket clears the top of the pile. Then, slowly move the loader ahead to position the bucket to dump the material on top of the pile. Dump the material and then back the loader away while tilting the bucket back and lowering the lift arm.

⚠ WARNING Never push the controls into the float position with the bucket or attachment loaded or raised, because this will cause the lift arm to lower rapidly.

Dumping the Load Into a Box

Carry the loaded bucket low and approach the vehicle or bin. Stop your approach as close to the side of the box as possible while allowing for clearance to raise the lift arm and loaded bucket. Next, raise the lift arm until the bucket clears the top of the box and move the loader ahead to position the bucket over the inside of the box. Dump the material and then back away from the box while tilting the bucket back and lowering the lift arm.

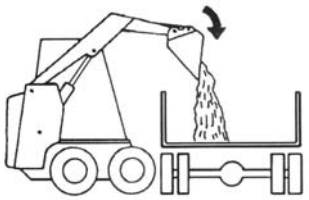


Fig. 25: Dumping Into a Box

Dumping the Load Over an Embankment

⚠ WARNING Do not drive too close to an excavation or ditch. Be sure the surrounding ground has adequate strength to support the weight of the loader and the load.

Carry the loaded bucket as low as possible while traveling to the dumping area. Stop the loader where the bucket extends half-way over the edge of the embankment. Tilt the bucket forward and raise the lift arm to dump the material. Dump the material and then back away from the embankment while tilting the bucket back and lowering the lift arm.

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Engine Air Cleaner

Important: *Failure to follow proper filter servicing instructions could result in catastrophic engine damage.*

The air cleaner consists of an outer (primary) filter element and an inner (secondary) filter element. An air filter restriction indicator for monitoring the condition of the elements is located on the right side of the front of the air cleaner. If the air filter becomes restricted, this indicator turns red to warn the operator that the element(s) require service. Push the reset button located at the end of the indicator after fitting a clean element. For replacement elements, refer to the "Replacement Parts" topic (page 45).

Note: *Before replacing the filter element(s), push the reset button on the indicator. Start the engine and adjust the throttle to full speed. If the indicator does not turn red, do* ***not*** *replace the element(s).*

The outer element should be replaced only when the restriction indicator turns red. The inner element should be replaced every third time the outer element is replaced, unless the outer element is damaged or the inner element is dirty.

Along with a daily check of the restriction indicator, check the air cleaner intake hose and clamps, and the mounting bracket hardware for secureness.

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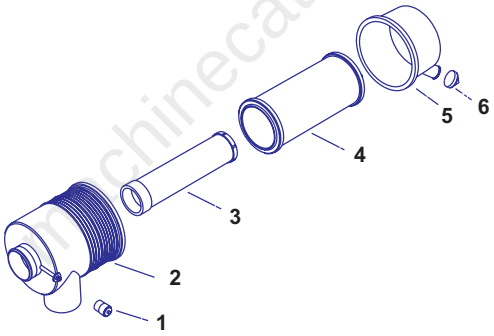


Fig. 40: Dual Element Air Cleaner

1. Restriction Indicator
2. Element Housing
3. Inner Filter Element
4. Outer Filter Element
5. Element Cover
6. Dust Ejector

Access

1. Open the rear door and engine cover (page 47).
2. Unlatch the three latches on the air cleaner and remove the cover. Clean out any dirt built up in the cover assembly.

Tires

Rear tires usually wear faster than the front ones. To keep tire wear even, rotate the tires from front to rear and rear to front.

It is important to keep the same size tire on each side of the loader to prevent excessive wear on tires, chain and chaincase, or other damage. If different sizes are used, each tire will be turning at different speeds, causing excessive wear.

The tread bar of all tires must face the same direction.

Mounting Tires

⚠ WARNING Inflating or servicing tires can be dangerous. When possible, trained personnel should service and mount tires. To avoid possible death or serious injury, follow the safety precautions below:

Check Tire Pressure

Tire Size	Inflation Pressure	
	PSI	kPa
14 x 17.5 12-ply Heavy Duty Flotation	50	345

Correct tire pressure should be maintained for all tires to enhance operating stability and extend tire life. Refer to the above chart for the proper inflation pressure.

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Heater Filters

Loaders with the optional heater or heater/air conditioner include two filters: fresh air intake and recirculation air . Refer to the “Replacement Parts” topic (page 45) for replacement part numbers. Filters should be replaced as needed.

Fresh Air Intake Filter: Located on the right side of the main unit. Tilt the ROPS back for access (page 47) and slide the filter out.

Recirculation Air Filter: Located on the front of the ROPS rear deck panel. Remove four screws and pull the filter out.

Hydraulic Valve	
Make	Rexroth
Model	MP18
Number of Spools	3 (Standard) or 4 (High-Flow)
Pressure Rating	3300 psi (228 bar)
Flow Rating	40 gpm (151 lpm)
Lift Cylinder	
Bore	4.00 in (102 mm)
Rod	2.50 in (64 mm)
Stroke	16.9 in (430 mm)
Tilt Cylinder	
Bore	3.50 in (89 mm)
Rod	1.75 in (44 mm)
Stroke	16.25 in (413 mm)
Wheel Drives	
Chain	#100H
Sprocket	Driver/Driven
Drive Ratio	2:1
Tension	Sliding Axle Housing
Wheel Studs	8-5/8 UNF grade 8
Capacities	
Chaincase (each)	3 U.S. gal (11,4 L)
Engine Oil	14.8 U.S. qts (14 L)
Fuel Tank	29.5 U.S. gal (112 L)
Hydraulic Reservoir	15 U.S. gal (56,8 L)
Sound Levels (with Deluxe Sound Kit)	
Power Level (Environmental)	106 dB(A)

[1] Operating load rated with an 82” (2083 mm) dirt/construction bucket in accordance with SAE J818.

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Standard Features

- Fuel Gauge
- Engine Coolant Temperature Gauge and Light
- Hourmeter
- Oil Pressure, Battery Charge Indicator
- Seatbelt Indicator Light and Buzzer
- Choice of three controls: Dual T-Bar, Hand & Foot or Dual Hand
- Foot Throttle (DualT-Bar and Dual Hand only)
- Acoustical Material, Floor Mat and Headliner
- Adjustable Operator Restraint Bar with Armrests
- Hydraulic Lift ROPS
- Top Fixed Window and Opening Rear Window
- Full Suspension Adjustable Seat (2105 only)
- ROPS-FOPS ISO Level II Approved
- Number 100HK Drive Chain
- Skid Plate for Clean Out
- Hydraulic Oil Filter Indicator Light
- Lock Provision
- Horn
- Interior Dome Light
- Safety Lock Out System – Brakes and Interlock for Starter, Lift Cylinders, Tilt Cylinders, Wheel Drives, Auxiliary and High Flow
- Dual Element Air Cleaner with Visual Indicator
- Vandalism Tailgate/Step for Service Access
- Glow Plug Starting Assist
- Servo-Controlled Hydrostatic Drive
- Lift Arm Support Device
- Self-Leveling Lift Action
- Independent Steel Hydraulic Reservoir
- Dual Front & Rear Halogen Work Lights and Dual Taillights
- Bi-directional Adjustable Flow Auxiliary Hydraulics with Flush-Faced Couplers
- Powerview® Vertical Lift Arm
- Choice of Multi-Tach™ Attachment Mounting System: Single Lever (Manual) or Power
- Bi-directional High Flow Auxiliary Hydraulics with Flush-Faced Couplers (2105 only)
- Remote Battery Jump Terminals
- Battery Disconnect Switch
- Engine Auto-Shutdown System

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Full Version Available

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