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1350R | 1350R (EU)
1350R X-Series
(SN 188601 and Before)

1500R | 1500R (EU)
1500R X-Series
(SN 190801 and Before)

1650R | 1650R (EU)
1650R X-Series



Skid-Steer Loader

Operator's Manual

50940264 Rev. N 04/22

Original Instructions

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Mustang 1350R, 1500R and 1650R Skid Steer Loader Operator Manual (50940264N)

Document type: Operator Manual (operation, controls, safety and routine maintenance)

Brand: Mustang

Models: 1350R, 1500R and 1650R

Machine: Skid Steer Loader

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Serial numbers: 1350R SN 188601 and Before; 1500R SN 190801 and Before

Language: English

Main contents

- Introduction
- Safety
- Safety Equipment
- Indicators and Controls
- Operation
- Maintenance
- Troubleshooting
- Index

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Sample pages follow. Full manual: machinecatalogic.com

ANSI-Style Safety and Information Decals

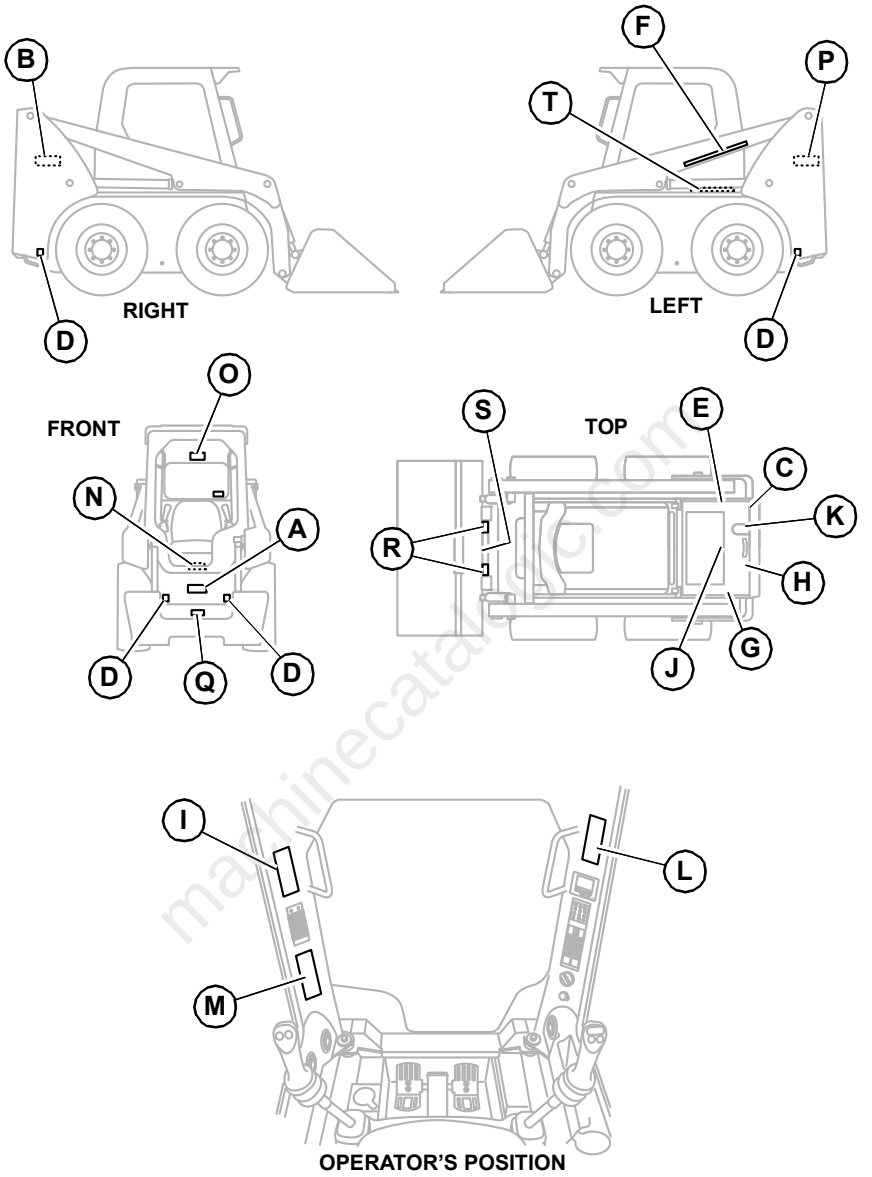


Figure 2 – ANSI-Style Safety and Information Decal Locations

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Table 6: Symbols Descriptions

Symbol	Description	Symbol	Description
	Percentage of engine power based on load.		Diesel Particulate Filter (DPF) regeneration inhibit. See “Diesel Particulate Filter (DPF) Regeneration Procedures” on page 118. ***Note:*** *Strike-through line through the symbol is displayed in red when DPF regeneration is inhibited.*
	Ambient engine compartment temperature.		Diesel Particulate Filter (DPF) regeneration in-progress (elevated temperature). See “Diesel Particulate Filter (DPF) Regeneration Procedures” on page 118.
	Power-A-Tach® System Warming Circuit (1650R Models - SN 191901 and Up)		Aftertreatment Error Engine Emission System Failure. Indicates an error or fault with emission critical components. NOTE: Engine derate will occur if error/fault not corrected.

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Grading Using Float

WARNING **Make sure the bucket is lowered to the ground before activating the lift arm float. Activating float with an attachment raised will cause it to fall to the ground, which can cause severe injury or death.**

Do not drive the machine forward with the lift arm float activated. Damage to the machine and/or loss of control can result.

1. (Figure 79) Lower the bucket to the ground.
2. Activate the lift arm float. See “Lift Arm Float” on page 96 for information about the float feature.
3. Tilt the bucket forward so it stands on the cutting edge at a 30°-45° degree angle to the surface being leveled.
4. Drive in reverse, dragging the floating bucket. Adjust the tilt angle of the bucket while driving in reverse to control the spread of the material.

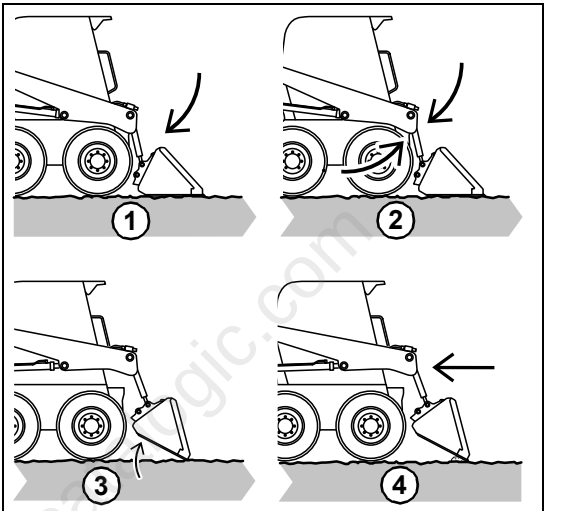


Figure 79 – Grading Using Float

WARNING **Check that the work area is clear of people and obstacles. Always look in the direction of travel.**

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Table 21: Fuse Locations (Figure 116)

Fuse	Rated Current (A))	Circuit	Fuse	Rated Current (A)	Circuit
F	20A	Control Keypad	G	20A	Windshield wiper, Door
H	20A	Cab blower fan	I	20A	Electronic Control Unit (ECU) Note: if required
J	5A	Dome light, Radio	K	10A	Horn, Alarm
L	20A	Exhaust Gas Recirculation (EGR)	M	20A	Operator's seat switch/ optional air suspension
N	3A	Electronic display LCD	O	5A	Hand control buttons

Table 22: Diode Locations (Figure 116)

Diode	Circuit	Diode	Circuit
P	Ignition	Q	EGR Valve (Tier 4)

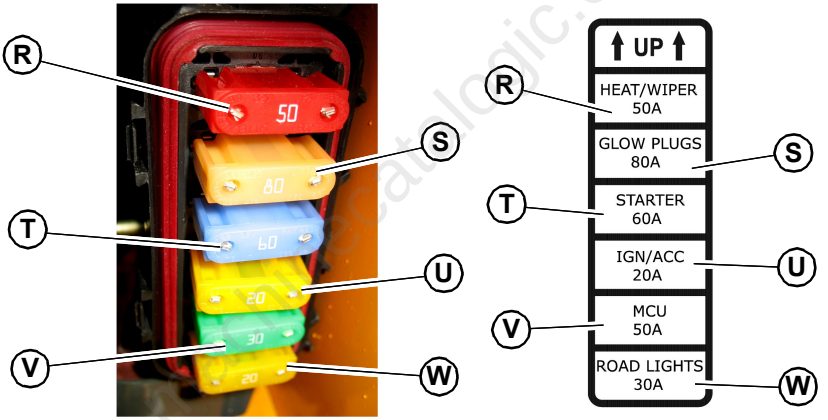


Figure 117 – Maxi Fuse Box Map

Table 23: Maxi Fuse Locations (Figure 117)

Fuse	Rated Current (A)	Circuit	Fuse	Rated Current (A)	Circuit
R	50A	Cab heat, Wiper	S	80A	Glow Plugs
T	60A	Starter	U	20A	Ignition, Accessories
V	50A	Micro Controller Unit (MCU)	W	30A	Road lights

Table 36: Low Profile/Grading Buckets w/out Counterweight

	Weight	1350R Rating	1500R Rating	1650R Rating
1778 mm/0.55 m^3 (70 in./19.4 $ft.^3$)	228 kg (527 lbs.)	N/A	N/A	609 kg (1343 lbs.)

Table 37: Utility (Light Material) Buckets

	Weight	1350R Rating	1500R Rating	1650R Rating
1372 mm/0.43 m^3 (54 in./15.1 $ft.^3$)	177 kg (390 lbs.)	559 kg (1233 lbs.)[a]	N/A	N/A
1524 mm/0.48 m^3 (60 in./16.9 $ft.^3$)	187 kg (412 lbs.)	554 kg (1222 lbs.)	631 kg (1392 lbs.)	N/A
1676 mm/0.54 m^3 (66 in./19.0 $ft.^3$)	203 kg (476 lbs.)	538 kg (1186 lbs.)	606 kg (1336 lbs.)	656 kg (1446 lbs.)
1778 mm/0.57 m^3 (70 in./20.3 $ft.^3$)	228 kg (502 lbs.)	N/A	N/A	651 kg (1436 lbs.)

a. Can be used on 1350R with 8.50 or 10.50 tires, but will provide zero (0) heel clearance

Table 38: Pallet Forks

	1350R	1500R	1650R
SAE Tipping Load (w/o Counterweight) 406 mm (16 in) (en 474-3)	418 kg (922 lbs.)	490 kg (1080 lbs.)	526 kg (1159 lbs.)
SAE Tipping Load (w/o Counterweight) 508 mm (20 in) (en 474-3)	384 kg (847 lbs.)	457 kg (1008 lbs.)	492 kg (1084 lbs.)
SAE Tipping Load (w/o Counterweight) 610 mm (24 in) (en 474-3)	362 kg (797 lbs.)	428 kg (944 lbs.)	458 kg (1010 lbs.)

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Full Version Available

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Mustang 1350R, 1500R, 1650R skid steer operator manual 50940264N: controls, safety, maintenance, fault codes, troubleshooting. Instant PDF download.

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