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1350RT
1350RT (EU)
1350RT X-Series



Compact Track Loader

Operator's Manual

50950468 Rev. H 04/22

Original Instructions

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Mustang 1350RT Compact Track Loader Operator Manual (50950468H)

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Main contents

- DELIVERY CHECKLISTS
- INTRODUCTION
- SAFETY
- DECALS
- SPECIFICATIONS
- INDICATORS AND CONTROLS
- OPERATION
- LUBRICATION
- MAINTENANCE
- TROUBLESHOOTING

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Sample pages follow. Full manual: machinecatalogic.com

Component Identification

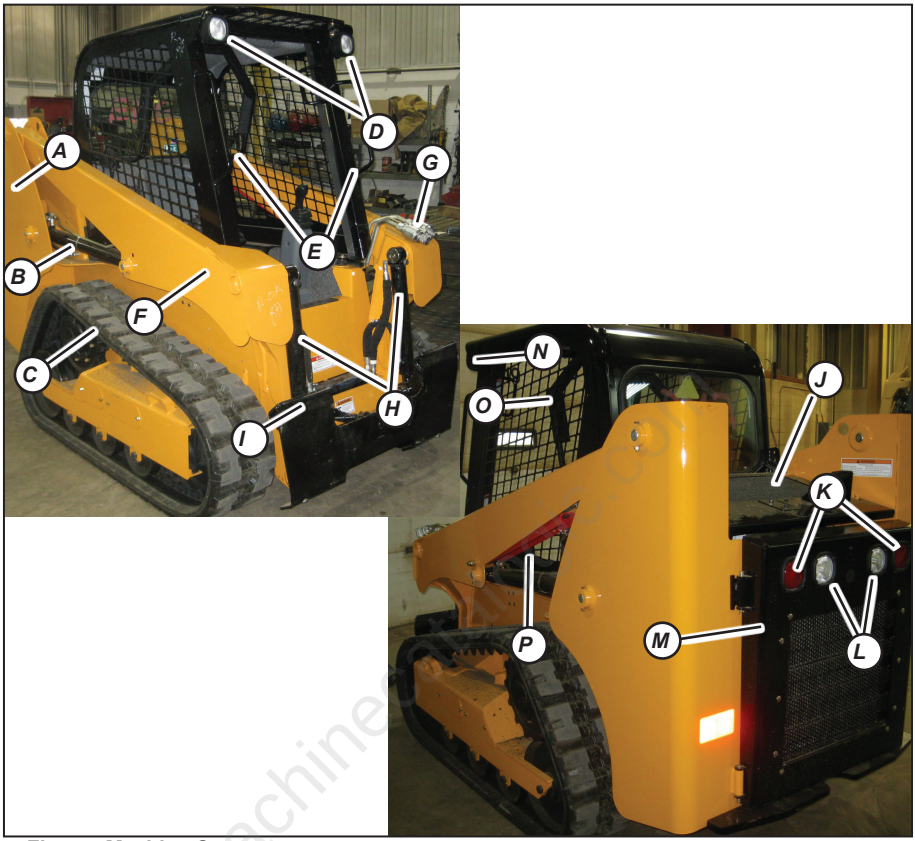
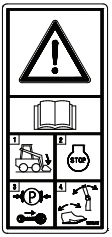
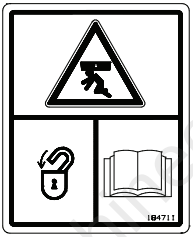
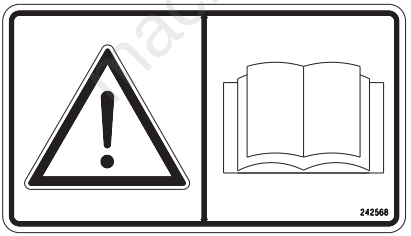


Fig. 5 - Machine Components

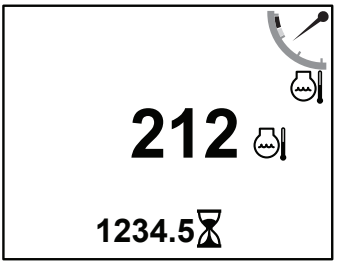
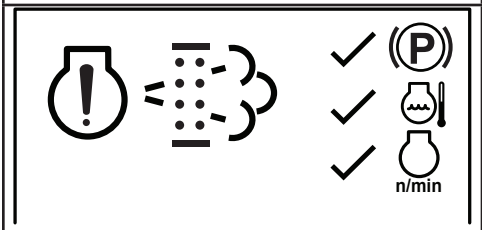
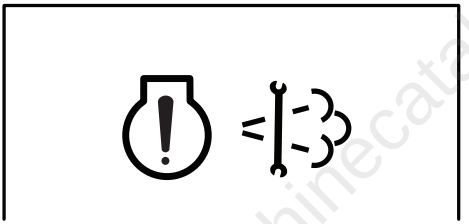
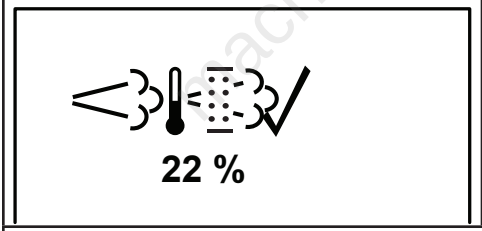
Table 1 - Component Identification

Item	Description		Item	Description
A	Upright		I	Attachment Bracket
B	Lift Cylinder		J	Engine Cover
C	Tracks		K	Tail Lights
D	Front Work Lights		L	Rear Work Lights
E	Hand holds		M	Rear Door
F	Lift Arm		N	Roll-Over/Falling Object Protective Structure (ROPS/FOPS)
G	Auxiliary Hydraulic Couplers		O	Restraint Bar
H	Tilt Cylinders		P	Lift Arm Support Device

Decals

K		Located on the right rear riser WARNING: AVOID INJURY OR DEATH • Keep safety devices working. • Jump start per Operator's Manual procedure. • Clean debris from engine compartment daily to avoid fire. Keep fire extinguisher nearby. • Do not use hands to find hydraulic leaks. Escaping oil under pressure can be invisible and penetrate skin. • Allow radiator to cool before removing cap. Loosen cap slowly to avoid burns. • Keep guards, screens and windows in place. • Do not smoke while fueling or servicing machine.
L		Located on ROPS/FOPS left panel WARNING: AVOID INJURY OR DEATH Always follow "Mandatory Safety Shutdown Procedure." 1) Lower equipment to ground. 2) Reduce throttle, stop engine. 3) Apply brake; remove key. 4) Check safety interlocks.
M		Located under the ROPS/FOPS seat pan WARNING: Crush Hazard • Be sure lock mechanism is securely engaged before working under ROPS/FOPS. • Read instructions for use in Operator's Manual.
N		Located behind the operator's seat WARNING: AVOID INJURY OR DEATH • Read Operator's Manual and all safety signs before using machine. • The owner is responsible to ensure all users are instructed on safe use and maintenance. • Check machine before operating; Service per Operator's Manual. • Contact dealer (or manufacturer) for information and service parts.
M		(Located on the fuel tank, inside the engine compartment WARNING: ROTATING FAN • Keep hands out or stop engine WARNING: HOT SURFACE • Do not touch hot engine or hydraulic system parts.

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Display Mode	Description
	Single Gauge Display Displays single real time operating parameters. Switch between parameters using the navigation button (M,). Used for various functions, depending upon screen and context.
  	Regeneration Screens These screens are associated with Diesel Particulate Filter (DPF) regeneration procedures and maintenance. See “Diesel Particulate Filter (DPF) Regeneration Procedures” on page 102.
Secondary Screens	
All Secondary Screens	Secondary screens are accessed by holding down the ok button (N,) for 10 seconds while the Dual Gauge Display screen is displayed. Press the left/right side of navigation rocker button (M,) to switch between secondary screens.

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⚠ WARNING

The lift arm support device must be properly positioned to prevent the lift arm from falling, which could result in severe injury or death.

10. Shut off the engine and remove the ignition key.
11. Move the lift/tilt controls to verify that the controls do not cause movement of the lift arm and hitch plate.
12. Unfasten the seat belt and raise the restraint bar. Exit the machine using the hand-holds. Take the ignition key with you.

Disengage Lift Arm Support

⚠ WARNING

A second person on the outside of the machine is required to assist with disengaging the lift arm support.

1. Start the engine and raise the lift arm as high as it will go.
2. Move the drive controls to the neutral position.
3. Shut off the engine.
4. Move the lift/tilt controls to verify that the controls do not cause movement of the lift arm and hitch plate.
5. Raise the restraint bar to disable the hydraulic controls.
6. Stay in the machine in the operator's position. A second person, on the outside of the machine, must:

a. Remove lift arm support (M, Fig. 39) from the cylinder rod.

b. Reinstall the lynch pin through the welded steel post on the lift arm (O Fig. 40).

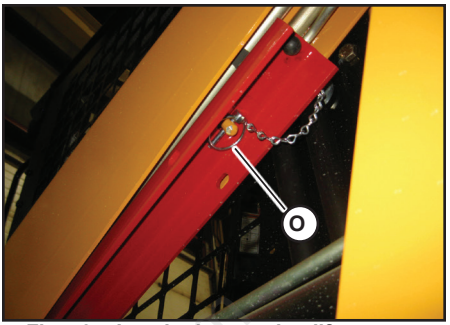


Fig. 40 - Lynch pin securing lift arm support device in the storage position.

Tilting the ROPS/FOPS

⚠ WARNING

Never operate the machine with the ROPS/FOPS in the raised position or removed. Be sure to reinstall the anchor bolts, washers and locknuts before using the machine. Torque to 43 Nm (32 lb-ft).

Always close the cab door before tilting the ROPS/FOPS. Stay clear from underneath the ROPS/FOPS as it is tilted.

Be sure the lock is securely engaged when the ROPS/FOPS is raised. Properly support the ROPS/FOPS when unlatching the lock mechanism and lowering the ROPS/FOPS.

Raising the ROPS/FOPS

1. Perform the "Mandatory Safety Shutdown Procedure" on page 28.
2. Remove hardware (A, Fig. 41) at the front of the ROPS/FOPS.

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Grading without Float

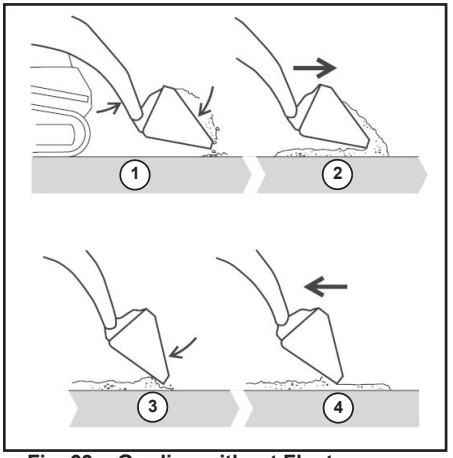


Fig. 63 - Grading without Float

1. Raise the bucket slightly and tilt it forward.
2. Release material from the bucket while traveling forward.
3. Tilt the bucket forward and adjust the lift arm height until the cutting edge is slightly above the ground.
4. Drive in reverse, smoothing the material released in step 2 with the front edge of the bucket.

Grading Using Float

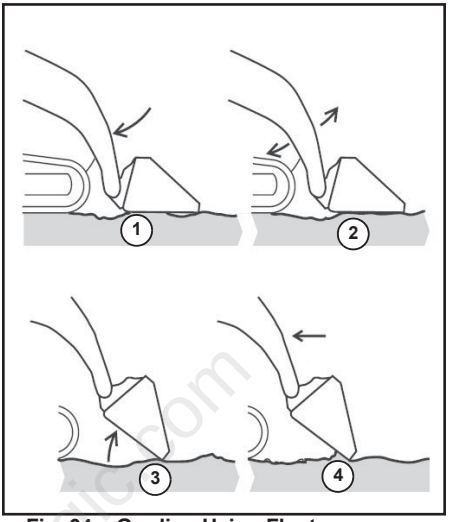


Fig. 64 - Grading Using Float

1. Lower the bucket to the ground.
2. Activate the lift arm float. See “Lift Arm Float” on page 71.
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.

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Fuses and Relays

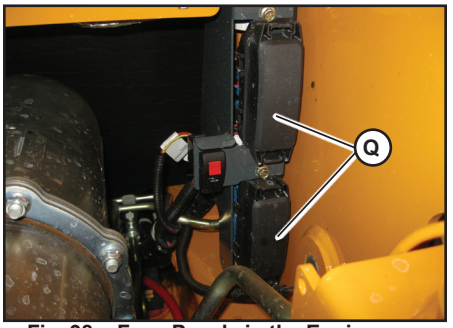


Fig. 98 - Fuse Panels in the Engine Compartment

The fuse panels (Q, Fig. 98) are located in the engine compartment near the chassis right riser. The plastic covers are either etched or have a decal with the type of fuses and relays that can be found under that particular fuse/ relay cover.

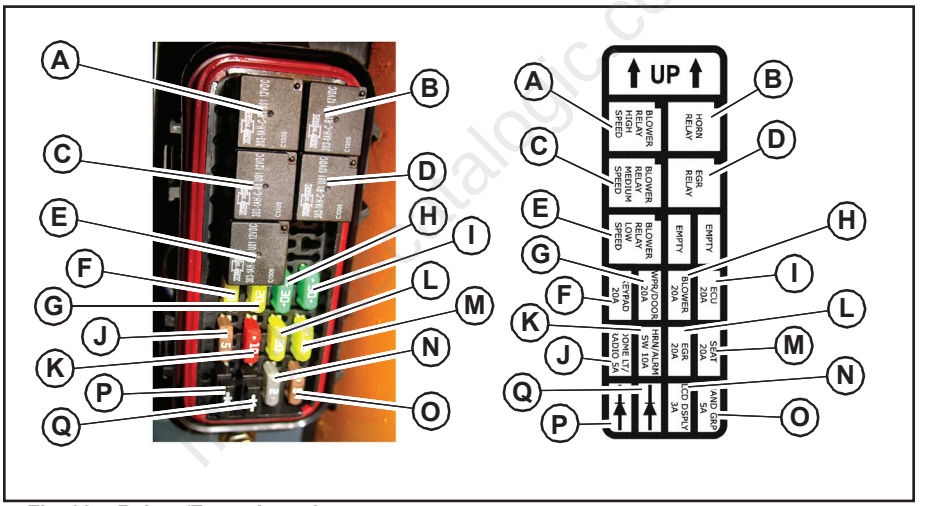


Fig. 99 - Relays/Fuses Locations

Table 27 - Relay Locations

Relay	Circuit	Relay	Circuit
A	High-speed cab blower fan relay	B	Horn relay
C	Medium-speed cab blower fan relay	D	Exhaust Gas Recirculation (EGR) relay
E	Low-speed cab blower fan relay		

Hydraulic System 53
Hydraulic System Maintenance 126

I

Indicator and Operation Symbols 24
Indicators and Controls 57
Information Center Electronic Display 58
Information Center Electronic Display Screens 61
Information Center Electronic Display Symbols 59
Introduction 17
  Fire Extinguisher 22
  Vibration Levels 22
  Vibration Measurement and Actions 22
ISO-Style Decals 45

J

Jump-Starting 107

L

Lift Arm Float 71
Lift Arm Lift Support 88
Lift Arm Operation 87
Lifting the Machine using a Crane 108
List of Attachments 21
Loading and Transporting the Machine on a Transport Vehicle 110
Long-Term Storage 112
Lowering the ROPS/FOPS 90
Lubrication 115
  Filter Table 118
  Lubricant Capacities 115
  Lubrication Points 116
  Lubrication Schedule/Intervals 117
  Types of Lubricants 115

M

Machine Model and Serial Numbers 19
Machine Orientation 18
Maintenance 119
MAINTENANCE
  Adding Fuel 124
  Alternator/Fan Belt 129
  Changing Fuel Filter 122
  Checking Coolant Level 128
  Checking Hydraulic Oil Level 126
  Cleaning Cooling System 128
  DPF Exhaust System Service 124
  Draining/Flushing Cooling System 128
  Fuel System Maintenance 124
  Track Maintenance 130
  Tracks 130
  Travel Motor Front Case Oil 130
  Travel Motor Maintenance 130
  Using a Booster Battery (Jump-Starting) 133
  Water Separator Inspection/Maintenance 125
  Windshield Washer Reservoir 136
Maintenance and Service Safety Practices 34
Maintenance Interval 119
Maintenance Log 137
Maintenance Schedule 119
Mandatory Safety Shutdown Procedure 28
Manufacturer Information 23

O

OPERATION 75
  Fastening / Unfastening the Seat Belt 76
Operational Checks/Pre-start Inspection 75
Operator's Seat 71
Optional Features 55

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