634 *w/ Tier 3 Engine*

TELEHANDLER

OPERATOR'S MANUAL

(Equipped with TIER III Engine)
S/N 71301 - 71307

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PART #913324

Revision B - June 2015

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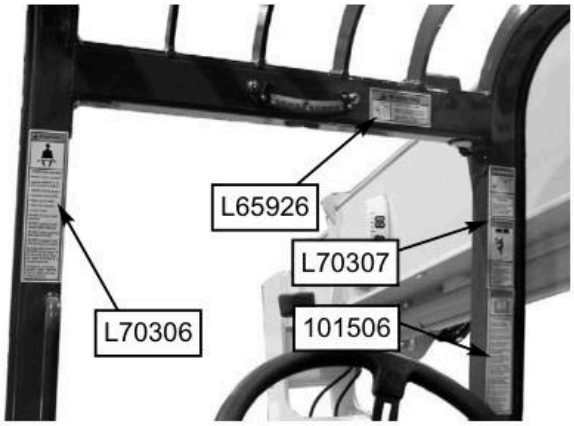
Main contents

- International Symbols
- Introduction
- Specifications
- Check Lists
- SAFETY
- Indicators and Controls
- Operation and Adjustments
- Lubrication
- Service and Storage
- Decal Locations
- Maintenance
- Hydraulic Schematics
- Electrical Schematics
- Load Zone Charts
- Standard Hardware Torque Data
- Index
- Warranty

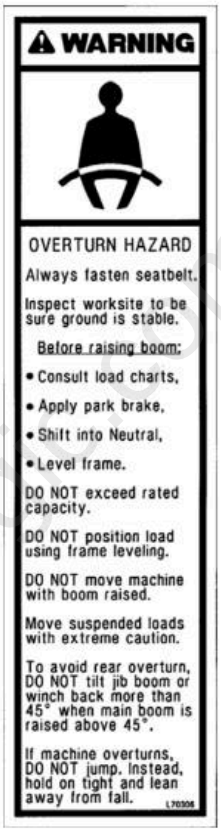
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Sample pages follow. Full manual: machinecatalogic.com

SAFETY

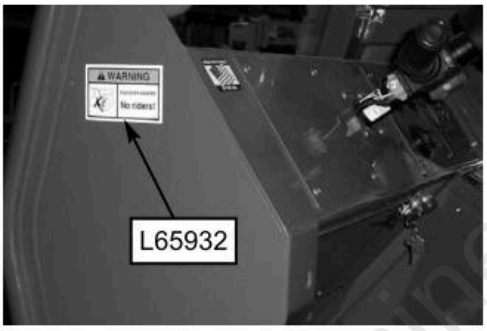


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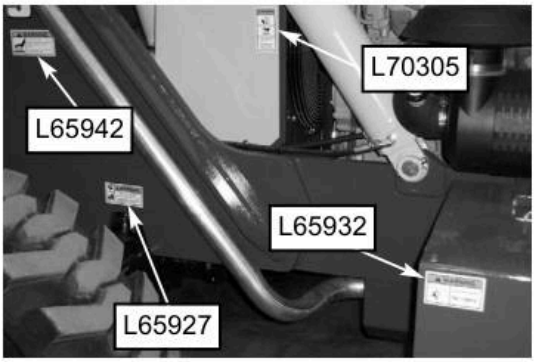


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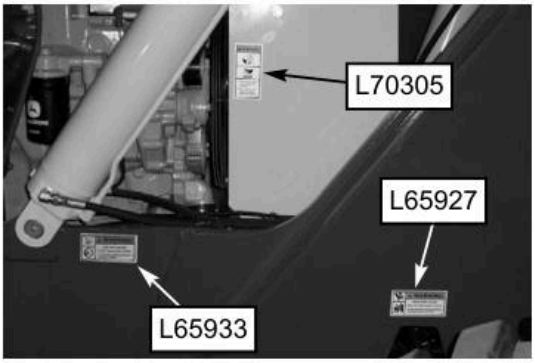
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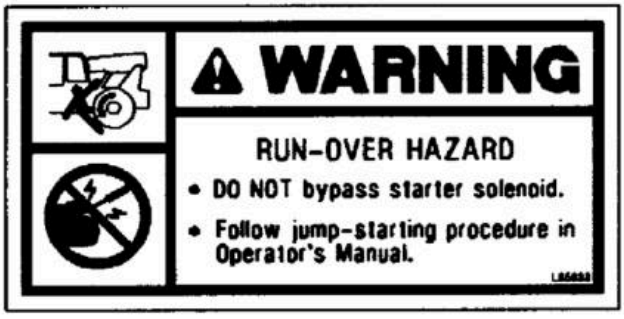
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6. Position the machine with the boom facing toward the front of the truck or trailer so that it is straight in line with the ramps.
7. Slowly (at the lowest engine speed possible) and carefully drive the machine up the ramps.
8. Secure the machine to the bed of the truck or trailer with tie-down chains/cables.

Unloading Machine Using Ramps

NOTE: *A matched pair of ramps is required.*

Repeat steps 1 through 5 and proceed as follows to unload the machine:

6. Remove the tie-down chains/cables.
7. If necessary, adjust the machine so that the wheels are in line and centered with the ramps.
8. Slowly (at the lowest engine speed possible) and carefully drive the machine down the ramps.

WARNING

NEVER adjust travel direction (even slightly) while traveling on the ramps. Instead, back down off the ramps, and then realign the machine with the ramps.

WARNING

NEVER transport the machine with the boom raised or extended. BE SURE to secure the machine to the truck or trailer bed using chain and binders or steel cables, to prevent any movement while transporting.

THEFT DETERRENTS

Mustang has recorded all major component part numbers and serial numbers. Users should take as many of the following actions as possible to discourage theft, to aid in the recovery of the machine in the event it is stolen, and to reduce vandalism:

1. Remove keys from unattended machines.
2. Attach, secure, and lock all anti-vandalism and anti-theft devices on the machine.
3. Lock doors of cabs when not in use.
4. Inspect the gates and fences of the equipment storage yard. If possible, keep machines in well-lighted areas. Ask the local law enforcement agency to make frequent checks around the storage and work sites, especially at night, during weekends, and on holidays.
5. Report any theft to your dealer and insurance company. Provide the model and all serial numbers. Request your dealer to forward this information to Mustang Manufacturing Company.

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- The carriage tilt and auxiliary functions should now be disabled. The joystick controlshould continue to function normally for boom raise/lower and extend/retract.

Lockout Tests

To test the transmission and joystick control lockout logic:

1. Shift transmission into “F” (Forward) and increase the engine speed slightly.
   - The transmission should remain de-clutched, allowing the engine to increase speed easily.
   - Return the transmission selector to “N” (Neutral) after the check.
2. Have an assistant move the remote shutdown switch to “Dis-engaged.”
   - The joystick control should now be disabled, so that boom raise/lower and extend/retract will no longer function.
   - Have the assistant move the remote shutdown switch to “Engaged” after the check.
3. Tilt the frame to the right slightly more than two degrees.
   - The joystick control should now be disabled so that boom raise/lower and extend/retract no longer function.
   - Repeat the procedure with the frame tilted to the left.
   - Return the frame to a level position after the checks.

De-activation Tests

To test the WPS System de-activation logic:

1. Turn the key switch to “OFF” and wait for the engine to stop. Then turn the key switch back to “ON.”
   - The WPS switch lamp and the parking brake switch lamp should both be illuminated.
2. Turn the key switch to “OFF” and then turn the WPS rocker switch to “OFF.” Turn the key switch back “ON.”
   - The WPS switch lamp should be flashing and the parking brake switch lamp should be on continuously.
3. Start the engine and apply the service brakes.
   - The WPS switch lamp and the parking brake switch lamp should go off after approximately three seconds of brake pedal application.

If WPS System fails to perform properly, troubleshoot using the chart on page 59. Contact your dealer for service information and parts.

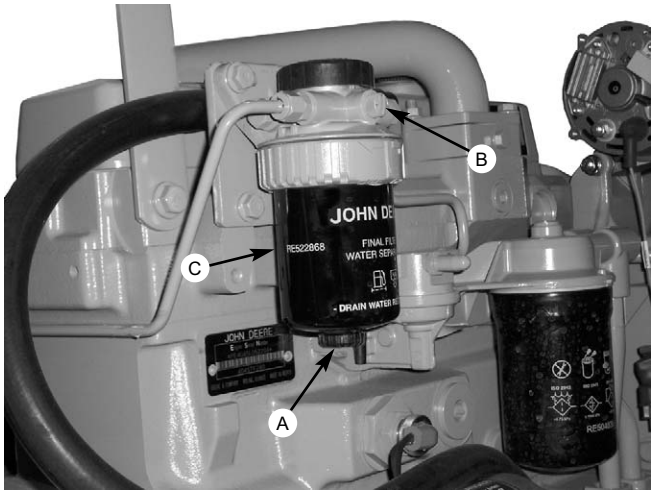
Service Every 50 Hours or Weekly

LUBRICATE GREASE POINTS

Refer to the Lubrication chapter of this manual for weekly grease fitting locations and other related details.

CHECKING FUEL FILTER

NOTE: *The fuel filter will require occasional replacement to maintain a clean and adequate fuel flow for maximum engine horsepower. The frequency of filter replacement will be determined by the cleanliness of available fuel, the care used in storing fuel supplies, and the operating conditions in which the machine is used.*



Check the fuel filter (C) for water and debris.

IMPORTANT: *Drain water into a suitable container and dispose of properly.*

1. Loosen drain plug (A) two or three turns at bottom of fuel filter.
2. Loosen air bleed plug (B) two full turns on fuel filter mounting and drain water from bottom until fuel starts to drain out.
3. When fuel starts to drain out, tighten drain plug securely.

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G

Grease Fittings
- Locations 42
- Types Of Grease 41

Guards 20
Grade and Slope Precautions 32
Grade Limits 32

H

Hand Signals 33
Hourmeter 21
Hydraulic Components, servicing 44
Hydraulic Oil
- Change 57
- Check level 47
- Recommended type 41

Hydraulic Maintenance
- Oil Filters, replacing 55
- Oil Sump Strainer, replacing 57
- Pressure Checks 57

Hydraulic Pump, servicing 44
Hydraulic Valves, servicing 44

I

Identification Reference 3
Indicators 22
Indicator Symbols . . . . . Inside Front Cover
Introduction 2

J

Joystick Pressure Setting 57

L

Light Switch 23
Load Zone Charts 73
Lubrication,
See also Service Intervals
- Locations 42
- Lubricants 41

M

Main Relief pressure check 57
Maintenance
- Recording 66
- Scheduled Intervals 65

Mandatory SAFETY Shutdown Procedure 8
Mandatory Work Platform Safety Rules 12

O

Oils - *See* Lubrication
Operation
- Load Handling 34
- Starting 29
- Stopping 30
- Symbols . . . . . Inside Front Cover
- Travel 38

Operator Manual, storing 2
Operator Services 45
Operator's Station
- Heater Controls 24

P

Park Brake Switch 23
Park Brake Pressure Setting 57
Paint, refinish 60
Pump, Delivery Rates - *See* Chapter 2

Q

Quickattach™ System
- Attach/Detach Mechanism 30

R

Radiator
- Check coolant 46
- Cleaning 55
- Flushing and Refilling 55

Relay Access 27
Relay Functions 28
Road Travel 38

S

SAFETY 8
- Decals 15

Schematics
- Electrical 71
- Hydraulic 69

Seat, operator's 25
Seat Belt 25
Service and Safety Features 26

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Full Version Available

Mustang 634 Telehandler Operator Manual (913324B)

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