



Operator's Manual

Serial number range

Z[®]-33
DC Power

from Z3318M-2801

ANSI/CSA
North America
South America
Asia

with
Maintenance
Information

Second Edition
First Printing
Part No. 1287493GT

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General Safety

Safety Signs and Locations

114252



133067



114334



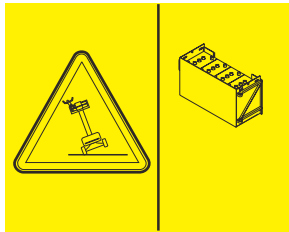
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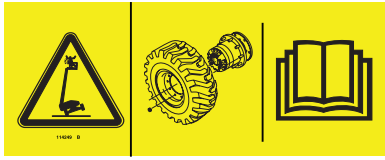
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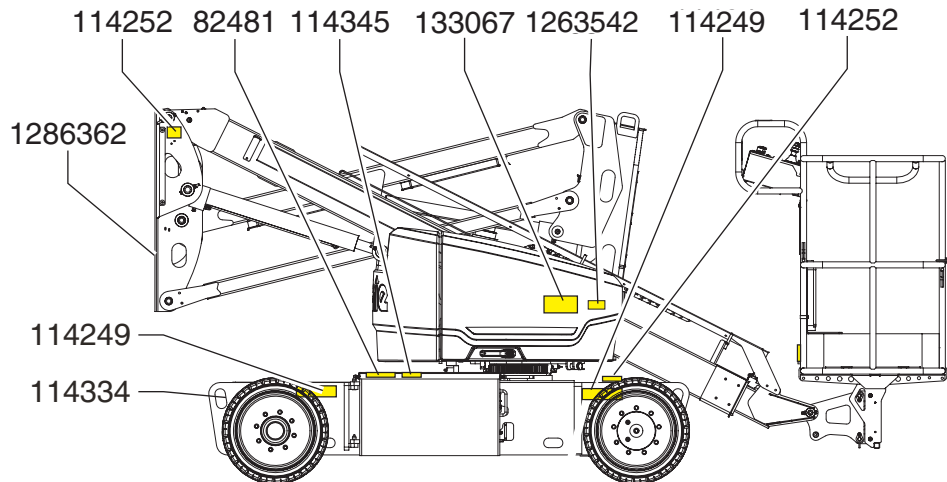
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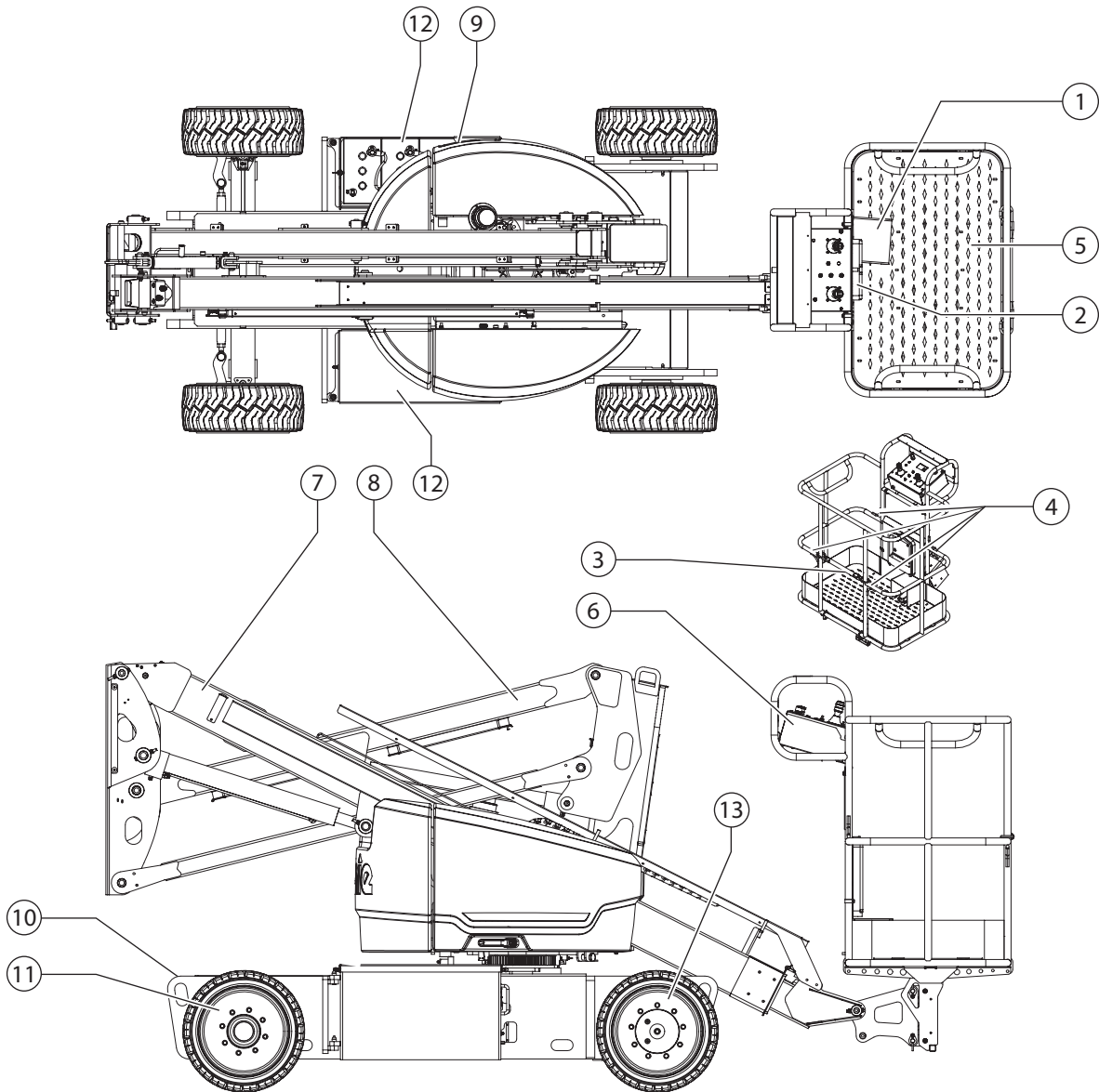
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Legend



- | | |
|----------------------------|-------------------------------------|
| 1 Foot switch | 8 Secondary boom |
| 2 Manual storage container | 9 Ground controls |
| 3 Sliding mid-rail | 10 Power to charger (between tires) |
| 4 Lanyard anchorage point | 11 Steer tire |
| 5 Platform | 12 Battery box |
| 6 Platform controls | 13 Non-steer tire |
| 7 Primary boom | |

Inspections

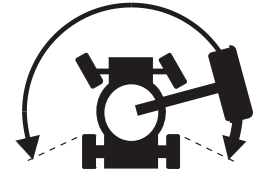
Test Drive and Braking

- 26 Press down the foot switch.
- 27 Slowly move the drive control handle in the direction indicated by the blue arrow on the control panel until the machine begins to move, then return the handle to the center position.
- ⦿ Result: The machine should move in the direction that the blue arrow points on the drive chassis, then come to an abrupt stop.
- 28 Slowly move the control handle in the direction indicated by the yellow arrow on the control panel until the machine begins to move, then return the handle to the center position.
- ⦿ Result: The machine should move in the direction that the yellow arrow points on the drive chassis, then come to an abrupt stop.

Note: The brakes must be able to hold the machine on any slope it is able to climb.

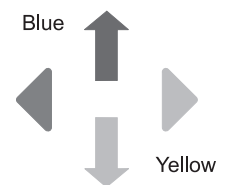
Test the Drive Enable System

- 29 Press down the foot switch and lower the boom to the stowed position.
- 30 Rotate the turntable until the primary boom moves past one of the non-steer wheels.
- ⦿ Result: The drive enable indicator light should come on and remain on while the boom is anywhere in the range shown.
- 31 Move the drive control handle off center.
- ⦿ Result: The drive function should not operate.
- 32 Move the drive enable toggle switch to either side and slowly move the drive control handle off center.
- ⦿ Result: The drive function should operate.



Note: When the drive enable system is in use, the machine may drive in the opposite direction that the drive and steer control handle is moved.

Use the color-coded direction arrows on the platform controls and the drive chassis to identify the direction of travel.



Operating Instructions

Operation from Platform

- 1 Turn the key switch to platform control.
- 2 Pull out both ground and platform red Emergency Stop buttons to the on position.

To Position Platform

- 1 Set the boom function speed controller to the desired speed.

Note: Drive and steer functions are not affected by the boom function speed controller.

- 2 Press down the foot switch.
- 3 Slowly move the appropriate function control handle or toggle switch according to the markings on the control panel.

To Steer

- 1 Press down the foot switch.
- 2 Turn the steer wheels with the thumb rocker switch located on top of the drive control handle.

Use the color-coded direction arrows on the platform controls and the drive chassis to identify the direction the wheels will turn.

To Drive

- 1 Press down the foot switch.
- 2 Increase speed: Slowly move the drive control handle off center.

Decrease speed: Slowly move the drive control handle toward center.

Stop: Return the drive control handle to center or release the foot switch.

Use the color-coded direction arrows on the platform controls and the drive chassis to identify the direction the machine will travel.

Machine travel speed is restricted when the booms are raised or extended.

Driving on a slope

Determine the uphill, downhill and side slope ratings for the machine and determine the slope grade.



Maximum slope rating, platform downhill (gradeability):

30% (17°)



Maximum slope rating, platform uphill:

20% (11°)



Maximum side slope rating:

25% (14°)

Note: Slope rating is subject to ground conditions with one person in the platform and adequate traction. Additional platform weight may reduce slope rating. The term gradeability applies to the counterweight uphill configuration only.

Be sure the boom is below horizontal and the platform is between the non-steer wheels.

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