MODEL 644D-34

S/N 108–

OWNER/OPERATOR MANUAL

OmniQuip Lull INTERNATIONAL

Part No. 68998A Rev. AC T990B2

MidWestTech | Lull 644D-34 Telehandler Operator's Manual | Publication 10168998 Order the manual at mid-west-tech.com >

CONTENTS

Section **Page No.**

INTRODUCTION II

SAFETY 1

INSTRUMENTS AND CONTROLS 8

BEFORE OPERATING THE MACHINE 16

GENERAL OPERATING PROCEDURES 18

SERVICE/LUBRICATION SCHEDULE MODEL 644D-34 22

SAMPLE LOAD CHART 24

SAFETY ALERT SYMBOL



This Safety Alert Symbol means:

ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

When you see this symbol, be alert to the possibility of personal injury or death. Follow the instructions in the safety message.

Three Reasons Why Safety is Important to You:

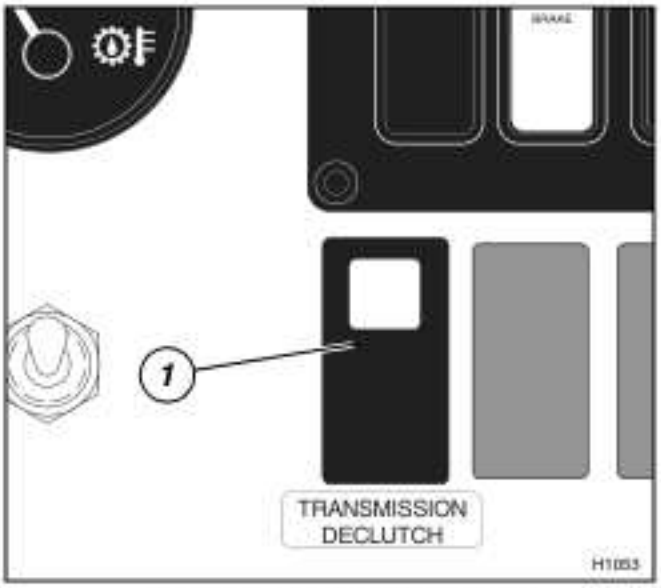
1. Accidents disable and kill.
2. Accidents cost.
3. Accidents can be avoided.

W1027

MidWestTech | Lull 644D-34 Telehandler Operator's Manual | Publication 10168998 Order the manual at mid-west-tech.com >

To unlock, move the neutral lock lever to the (D) DRIVE position.

TRANSMISSION DECLUTCH SWITCH



Transmission Declutch Switch

The transmission declutch switch ***(1)*** is an internally lighted rocker switch. Pressing the forward side of the switch activates the transmission declutch feature when the foot brake pedal is applied.

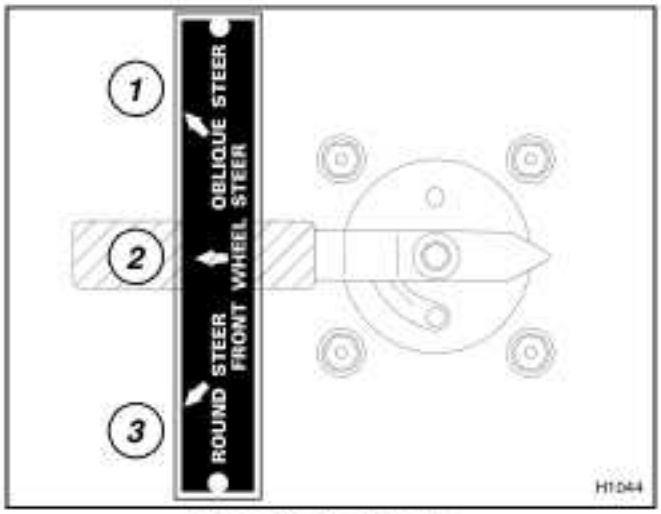
This feature eliminates the need to shift to NEUTRAL before operating the hydraulic system at high engine speeds. When the transmission is declutched, the drivetrain is disconnected and the hydraulic system has full engine power.

To use the Transmission Declutch Feature:

1. The transmission can be in any speed range, forward or reverse.
2. Press the forward side of the transmission declutch switch.
3. Press the service brake pedal or pull the parking brake knob.
4. The switch will illuminate to show the transmission clutch has disengaged.

Press the rear side of the switch to deactivate the declutch feature.

STEER MODE SELECTOR



Steer Mode Selector

There are three steer modes available on your machine:

- ***(1)*** Oblique Steer (Crab Steer)
- ***(2)*** Front Wheel Steer (2-Wheel Steer)
- ***(3)*** Round Steer (4-Wheel Steer)

To select a steer mode, turn the steer mode selector so the handle aligns with a selection on the adjacent plate. You will feel the selector slip into a detent, or "catch," when the desired mode is selected.

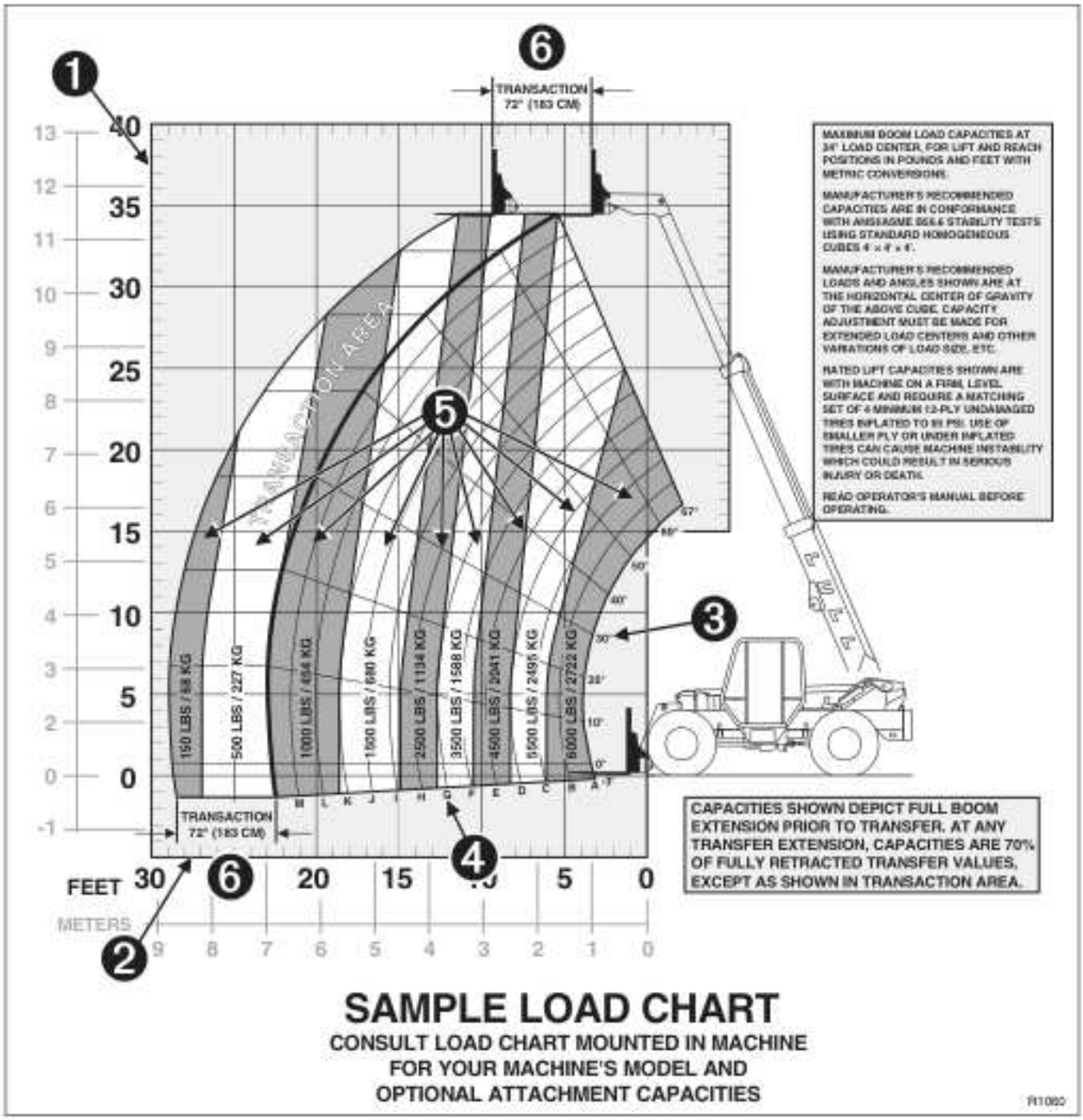
⚠CAUTION

Never change steer modes while the machine is moving. The wheels can become misaligned and cause loss of control.

Always stop the machine completely and synchronize (straighten and align) the wheels before changing steer mode. See "Synchronizing (Straightening) the Wheels" on page 12.

MidWestTech | Lull 644D-34 Telehandler Operator's Manual | Publication 10168998 Order the manual at mid-west-tech.com >

SAMPLE LOAD CHART



SAMPLE LOAD CHART

CONSULT LOAD CHART MOUNTED IN MACHINE FOR YOUR MACHINE'S MODEL AND OPTIONAL ATTACHMENT CAPACITIES

❶ VERTICAL SCALE SHOWS DISTANCE ABOVE AND BELOW GROUND LEVEL.

❷ HORIZONTAL SCALE SHOWS DISTANCE FROM FRONT WHEELS.

❸ BOOM ANGLE SCALE REPRESENTS THE BOOM ANGLE RELATIVE TO LEVEL GROUND.

❹ LETTERED ARCS SHOW THE AMOUNT OF BOOM EXTENSION AND THE ROTATION OF THE BOOM AT THESE EXTENSIONS.

❺ LOAD AREAS SHOW MAXIMUM RATED LOAD CAPACITIES.
EACH AREA DEFINES THE CAPACITY THAT MAY BE LIFTED AND PLACED.
FOR EASE OF READING, HEAVY LINES AND DIFFERENT COLORS SEPARATE THESE AREAS.

❻ TRANSACTION AREA SHOWS THE ADDITIONAL 72 INCH AREA THAT MAY BE REACHED BY MOVING THE TRANSFER CARRIAGE WITH A FULLY EXTENDED BOOM.

MidWestTech | Lull 644D-34 Telehandler Operator's Manual | Publication 10168998 Order the manual at mid-west-tech.com >