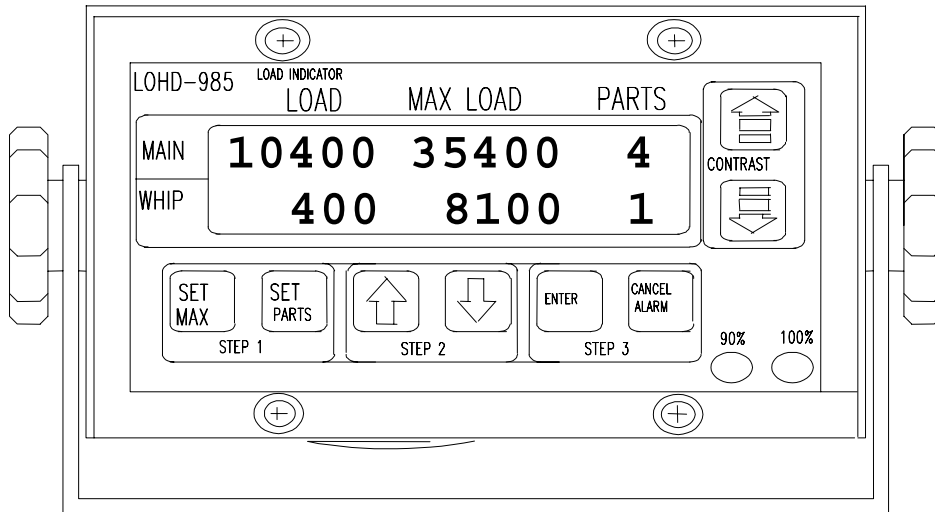


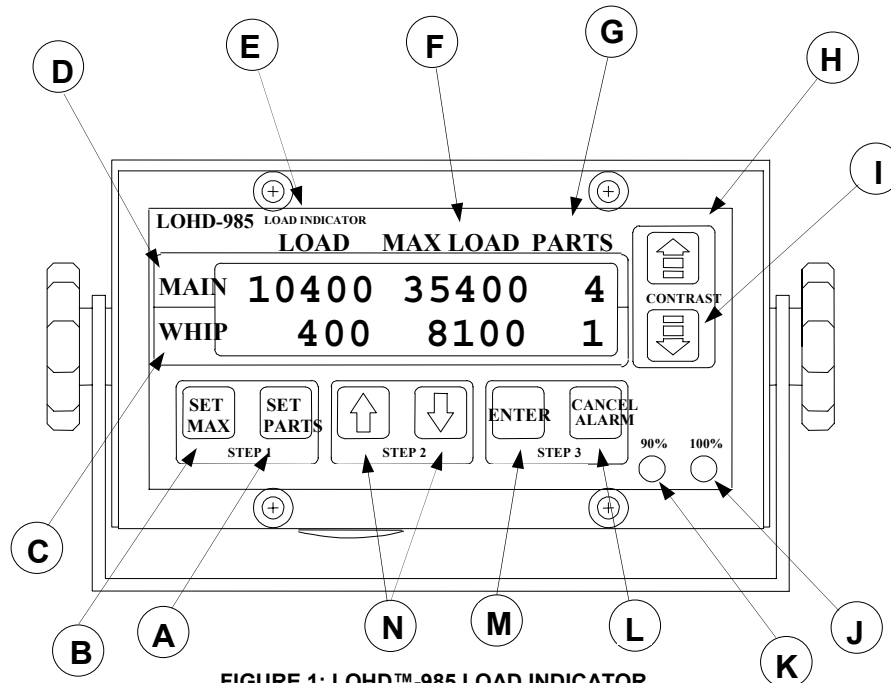
# LOHD™ -985 SYSTEM LOAD INDICATOR



## OPERATOR'S MANUAL



**GREER COMPANY**  
*Crane Systems*



**FIGURE 1: LOHD™-985 LOAD INDICATOR**

- |  |  |
|--|--|
| <b>A</b> Press to set Parts of Line                    | <b>J</b> Red warning light — flashes at Maximum (100%) allowed Load        |
| <b>B</b> Press to set Maximum Load                     | <b>K</b> Yellow caution light — flashes at 90% of Max Load Setting         |
| <b>C</b> Read across for Whip Load Data                | <b>L</b> Press to Cancel Alarms/ To Exit Calibration Mode                  |
| <b>D</b> Read across for Main Load Data                | <b>M</b> Press to start & end a routine & to complete or confirm an action |
| <b>E</b> Load on line, as calibrated                   | <b>N</b> Press to scroll through options                                   |
| <b>F</b> Maximum Load Limit (Range: 0 to 999,900 lbs.) |  |
| <b>G</b> Parts of Line (Range:1 to 31)                 |  |
| <b>H</b> Press to darken readout                       |  |
| <b>I</b> Press to lighten readout                      |  |

## **LOHD™-985 SYSTEM LOAD INDICATOR**






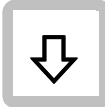

The LOHD™-985 SYSTEM LOAD INDICATOR is designed for use by the fully trained and experienced crane operator to aid in preventing overload and/or a Two-Block condition.

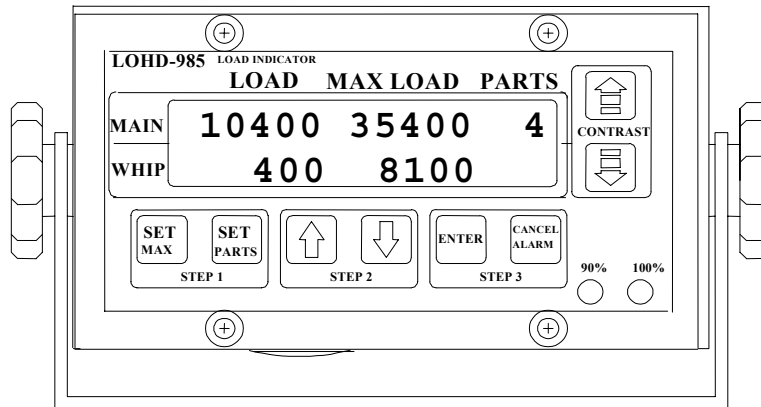
Please review Figure 1 on the opposite page to become familiar with the display readouts and key functions.

**WARNING:** The LOHD™-985 SYSTEM MUST BE CALIBRATED AFTER PROPER INSTALLATION ON CRANE.






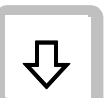

**CAUTION:** At no time may this System be used as a substitute for the well-trained operator or for adhering to the usual safety practices and precautions required for the safe setup and operation of cranes.

## SETTING MAXIMUM LOAD LIMITS

1. Press  The display reads: "**Set MAX LOAD, MN**" (MAIN).
2. Press  or  to set correct weight for the Maximum Load, MAIN
3. Press  The display reads: "**SET MAX LOAD, WP**" (WHIP).
4. Press  or  to set correct weight for the Maximum Load, WHIP.
5. Press  to complete the routine and return to the working screen.



### SETTING PARTS OF LINE

1. Press  The display reads: "**SET PARTS, MAIN.**"
2. Press  or  to select number of lines for PARTS OF LINE, MAIN
3. Press  The display reads: "**SET PARTS, WHIP.**"
4. Press  or  to select number of lines for PARTS OF LINE, WHIP.
5. Press  to complete routine and return to working screen.

## GREER COMPANY


*Crane Systems*

---

### ALARM OPERATION

- **CAUTION: A YELLOW SIGNAL FLASHES** on the display when an Overload condition is approaching. The readout on the display identifies the type of problem identified. A **HORN BEEPS** at 90% of maximum load. **MOTION CUT, RED LAMP,** and **HORN ONLY** signify an Anti Two-Block Alarm.
- **FULL ALARM: A HORN SOUNDS, RED AND YELLOW LAMPS LIGHT UP, A WARNING MESSAGE APPEARS ON THE DISPLAY** and **ALL CRANE MOTIONS BECOME INACTIVE** when a full alarm warning limit is reached or exceeded. **ALL CRANE MOTIONS ARE DEACTIVATED** (if the motion cut system is installed on the crane.)
- An individualized alarm limit can be set by the operator, if desired.


### CANCELING ALARM

- Press  **ONCE** to silence the horn. The red light will remain on.
- **PRESS and HOLD** Cancel Alarm button down until the horn beeps to discontinue the alarms. The display will read: "ALARMS INHIBITED." All boom motions will become active again.
- Press button **THREE TIMES** to return the System to full alarm condition.  
**NOTE:** Any new alarm, even during the ALARMS INHIBITED mode, will cause the System to return to the full alarm operation.



**MOTION CUTS:** (Installation optional)

The Two Block and Max Load Alarms prevent winch up, boom down, and extend out, unless the unit was purchased as an "audiovisual" alarm only model.


**ALARM TEST**

Pressing and holding  while not in any procedure will sound the horn, light the lamps, display "ALARM TEST" and activate all installed motion cuts.



**RIGGING MODE**

1. Pressing and holding  and then pressing  will activate the Rigging mode. All motion cuts and alarms will be deactivated.

**NOTE:** All alarms and warnings are disabled while the Rigging Mode is active.



2. Press  to exit Rigging Mode. This will restore alarms and motion cut features.

**CALIBRATION MODE**

Press  and  arrows simultaneously to access the Calibration Mode.

A prompt will ask for entry of the key code (see Calibration Manual). Without key code entry, "ACCESS DENIED" will appear on the display and the normal screen will return.

**CONTRAST KEYS**

Press  or  to make display letters lighter (up) or darker (down).



1918 East Glenwood Place  
Santa Ana, CA 92705  
Telephone: (714) 259-9702  
Fax: (714) 259-7626

1918 E. GLENWOOD PLACE, SANTA ANA CA 92705 Tel:(714) 259-9702 Fax:(714) 259-7626 PNW311100 REV A 05/99