KIBBLE EQUIPMENT

READY TO HARVEST GUIDE

70 Series

Combine Cab and Controls

JOHN DEERE

70 Series
HYDRO HANDLE

Active Header Control Activation Switches
Header height resume, reel resume, and corn head deck plate resume

Quick Stop Button

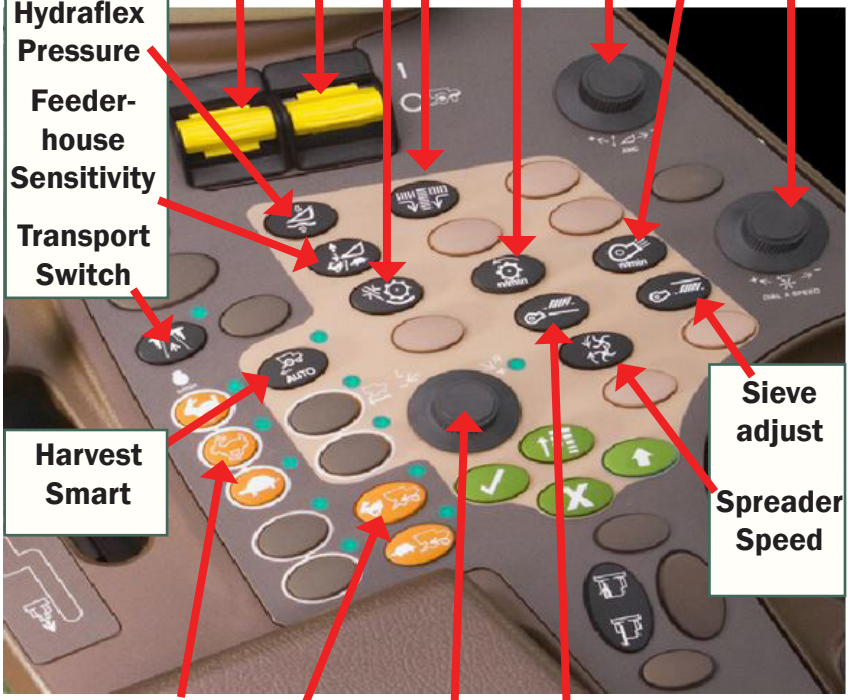
5 Position Unloading Auger Swing Switch

Unloading Auger
- **Engage**
- **Disengage**

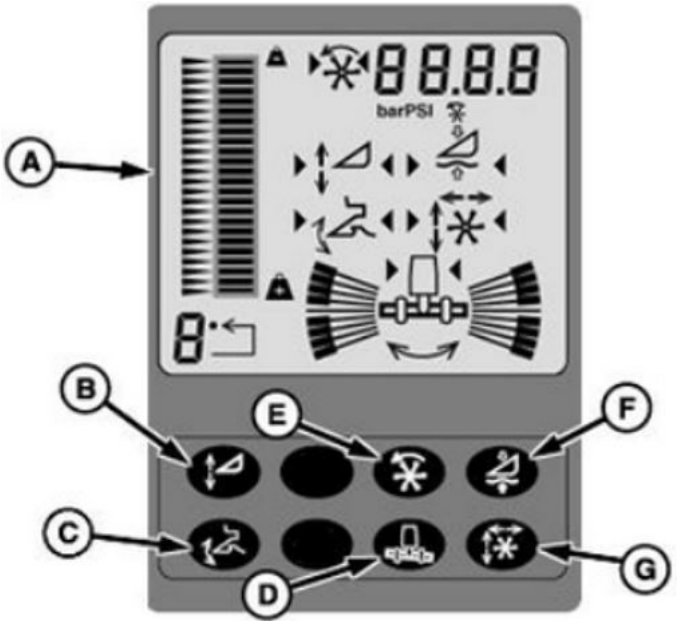
- **Header Raise and Lower**
- **Contour Master**

- **Reel Height**
- **Reel Fore and Aft Position**
- **Feeder-house Speed**
- **Corn Head Deck Plate Positioning**

70 Series
ARMREST



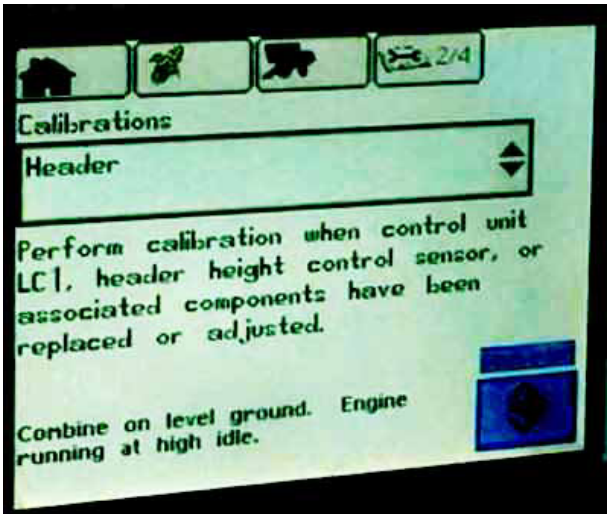
70 Series
ACTIVE HEADER CONTROLS



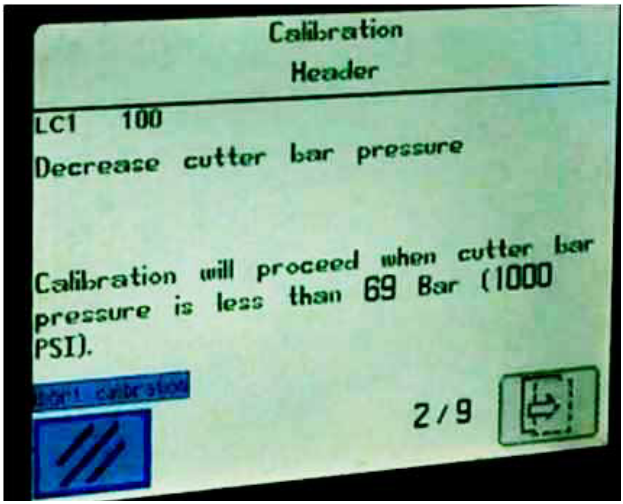
A - Active Header Control Display - Enable buttons 70 series
B - Header Height Sensing Enable Button - for Hydraflex operation (600F and 600FD) or header height sensing (900F) platforms, for height sensing on 90 and 600 series cornheads
C - Header Height Resume Enable Button- must be enabled for use of the 1-2-3 buttons on hydro handle
D - CONTOUR MASTER Enable Button
E - Reel DIAL-A-SPEED Button - this will allow the reel speed to match ground speed based on what ratio is set w/ the dial on the armrest
F - Active Header Float Enable Button - NO NOT USE - this option for Rigid (600R) headers.
G - Reel Position Resume Enable Button- ties reel position (or deck plate spacing) to the 1-2-3 buttons

HEADER CALIBRATIONS THRU THE COMMAND CENTER DISPLAY

Navigate to the Diagnostics tab within the command center. Go to Page 2 - Calibrations. From the drop down menu select Header.

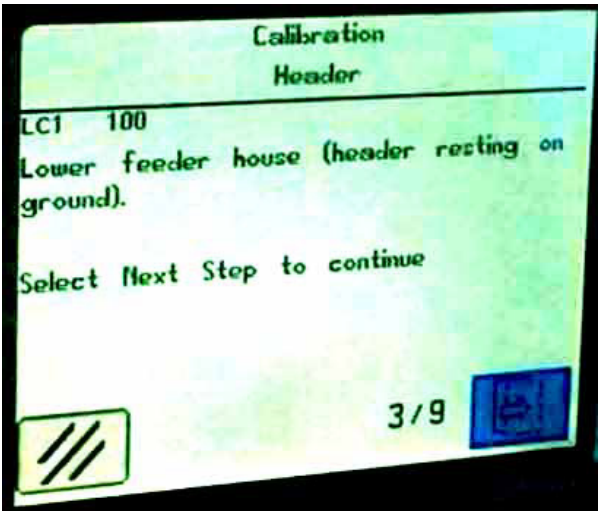


In order to calibrate we have to take all the hydra flex pressure out of the system. Decrease pressure with the hydraflex adjust button until the calibration proceeds automatically.

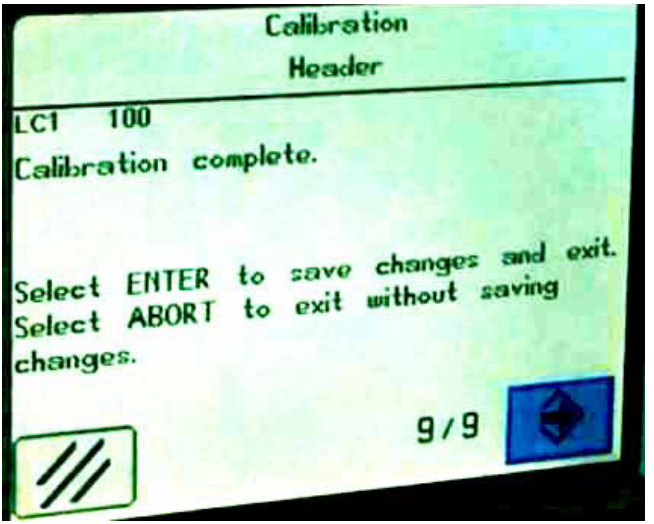


HEADER CALIBRATIONS THRU THE CORNER-POST

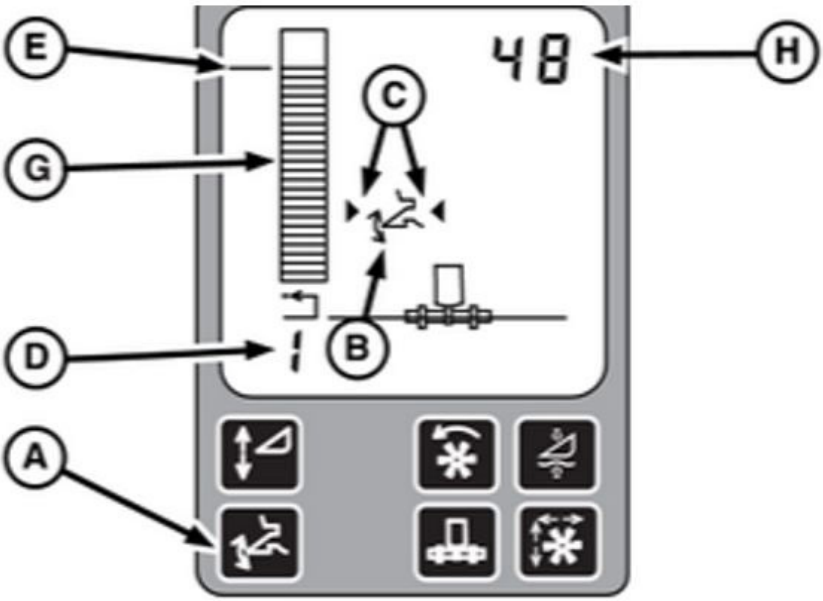
Follow on screen instructions, lowering, then raising the head. Calibration automatically proceeds thru each step.



When calibration is complete be sure to select <ENTER> to Save the Calibration.



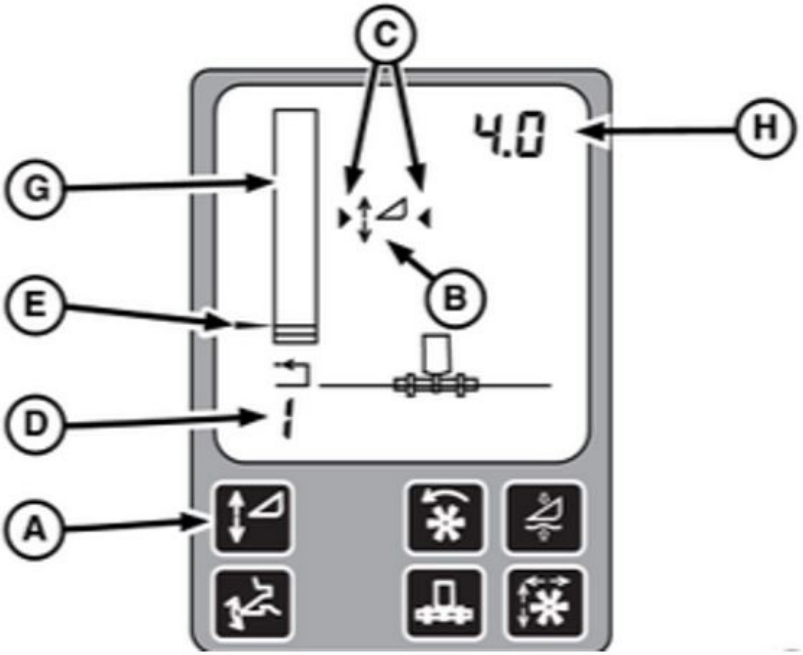
SETTING HEADER RESUME: 1-2-3 BUTTONS



Header Resume must first be enabled by pressing the Header Height Resume button (A). When the symbol (B) is displayed w/ the arrow (C) indicators this confirms it is active. Press the #3 button on the hydro handle, you will notice the number (D) in the corner of the AHC panel on the Cornerpost.

Use the AHC dial on the armrest to set the desired cutting height setpoint (E). Where you leave the height at is where it will resume too. Press the #2 button- Set #2 as an alternate cutting height. Press #1 and use the AHC dial to set #1 as you raise height for turning on the ends.

SETTING HEADER HEIGHT SENSING OR HYDRA FLEX PRESSURE



Height Sensing is Enabled by pressing the Height Sensing button (A). When the symbol (B) is displayed w/ the arrow (C) indicators this confirms it is active.
If Header Height Sensing and Header Height Resume is enabled:

- Button 1 activates Header Height Resume
- Button 2 and 3 activates Header Height Sensing

Number (D) in the lower left corner of the display indicates which activation button was selected.

SETTING HEADER HEIGHT SENSING OR HYDRA FLEX PRESSURE

To change the HYDRAFLEX pressure setpoint (E) press #3 and use the AHC dial to adjust the pressure. Bar graph (G) and number (H) show the relative position and HYDRAFLEX pressure. Set #3 with a lower pressure (more rigid) for dry conditions. Set #2 at higher pressure (more float) for wet conditions.

Manually raising header will deactivate the system. Pressing any of the three activation buttons will reactivate the system.

Recommended Hydraflex Pressure Settings:
As you increase pressure- the more float the header will have.

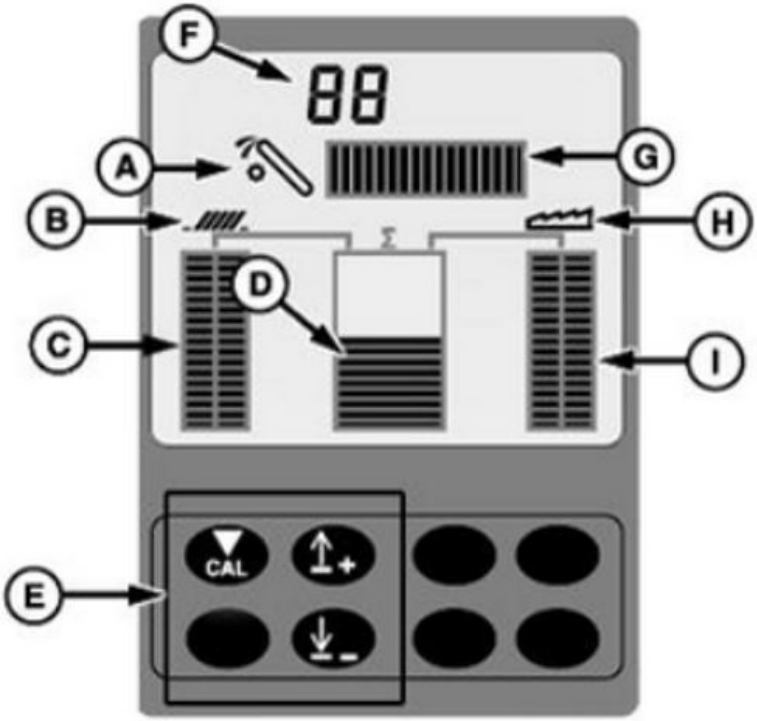
- 1,000 psi for firm ground conditions.
- 1,300 psi for normal ground conditions.
- 1,700 psi for soft ground conditions.

70 Series
SETTING UP HEADER

Setting up the Header- Go to Combine Settings tab, Page 3 in the Command Center. Verify the header type is correct. This should be automatically determined by the display when the header is connected. Adjust header width and row/ width change measurements as needed. Implement type/width will carry over to the 2600/2630 if you are using one for mapping.

Setting the Recording Height- Manually raise/lower header to a position greater than #2 resume and less than #1 raise height for turning on ends. Find the RECORD STOP HEIGHT and press the <ENTER> button to set the current position as the recording on/off position. Once set, you will hear an audible tone every time you raise/lower head to indicate the header is recording.

70 Series
VISION TRAK DISPLAY

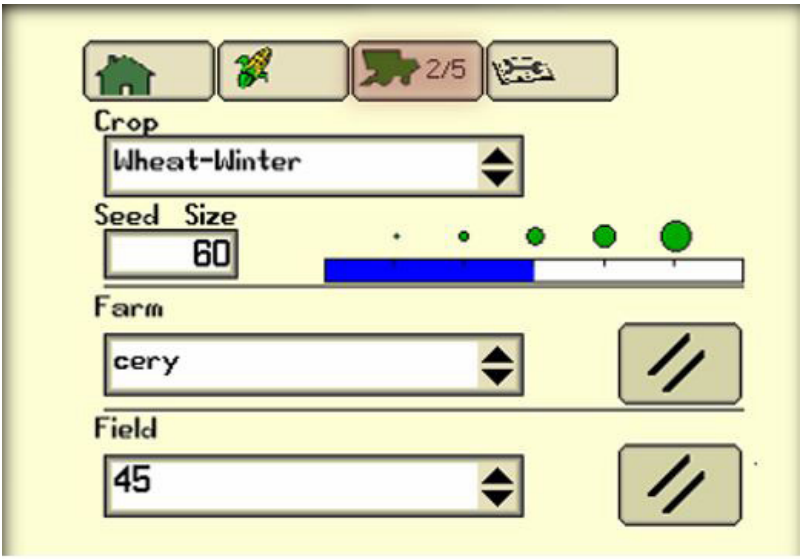


A– Tailings Symbol
B - Shoe Symbol
C - Shoe Loss Indicator
D - Total Loss Indicator
E - Control Buttons

- Calibration Button: To calibrate the grain loss total based on current loss levels for each sensor
- Up/Down Arrow Buttons: to manually adjust VisionTrak cal values.

F - Calibration Reference Number
G - Tailings Volume Indicator
H - Separator Symbol
I - Separator Loss Indicator

70 Series
VISION TRAK DISPLAY



You need to adjust seed size for different crops to accurately display losses in the Vision Trak monitor.

Go to Combine Setup Button Page 2 and use the drop down menu to select the correct Crop and input the correct seed size based on the chart below.

After performing a field check and confirming that your losses are acceptable you can calibrate the loss sensors for the separator and shoe by pressing the CAL button (E) under the Vision Trak display.

70 Series
SEED SIZE CHART

Small Seed (Default 38)	Medium Seed (Default 50)	Large Seed (Default 70)
Alfalfa Canola Flax Grass seeds Millet Mustard Oats Rice Rye	Barley Lentils Popcorn Safflower Sorghum Wheat	Chickpeas Corn Edible Beans Lupins Navy Beans Peas Soybeans Sunflowers

70 Series Combine Settings (Outside the cab)				
Crops	**Corn (dry)**	**Corn (wet)**	**Soybeans**	**Wheat**
rotor drive	1 (slow speed)	1 (slow speed)	2 (high speed)	2 (high speed)
recommended concave type	round bar	round bar	large wire/round bar	small wire
Feed Accel. Wear Strips	serrated or swept back	serrated or smooth	serrated or swept back	serrated
separator grate spacers	installed	installed	installed	out
Separator Covers	none	none	none	install 2 rows on RHS, 3 rows on LHS
Feederhouse drum height	up	up	down	down
Feederhouse chain speed	slow (22T sprocket)	slow (22T sprocket)	fast (26T sprocket)	fast (26T sprocket)-32T avail. for high yield crop
Feed Accel. Speed	slow	slow *slow down kit available	fast or slow for dry/ grain quality	fast or slow for dry/grain and straw quality
chopper speed	slow	slow	fast	fast
chopper knife bank	out	out	half-way	in all the way for finest cut
crop deflector	corn	corn	grain	grain
spreader speed	slow	slow	fast	fast

70 Series Combine Settings (inside - from armrest)				
Crops	**Corn (dry)**	**Corn (wet)**	**Soybeans**	**Wheat**
rotor speed	250-400	300-400	450-650	750-950
Concave Clearance	25-35 mm	25-35 mm	15-25 mm	5-20 mm
Fan Speed	900-1150	900-1150	800-950	750-850
Chaffer Clearance	15-20 mm	15-20 mm	14-18 mm	16-18 mm
Sieve Clearance	10-13 mm	10-13 mm	6-9 mm	5-7 mm
Deep Tooth Chaffer	14-16 mm	14-16 mm	10-12 mm	n/a
Deep Tooth Sieve	8-10 mm	8-10 mm	4-6 mm	n/a

NEED ASSISTANCE? CONTACT US!

Belle Plaine, MN	952-873-2224
Bird Island, MN	320-365-3445
Blue Earth, MN	507-526-2714
Brookings, SD	605-693-3514
Garretson, SD	605-594-3476
Hollandale, MN	507-889-4221
Huron, SD	605-352-8519
Madison, SD	605-256-4575
Mankato, MN	507-387-8201
Marshall, MN	507-537-1523
Milbank, SD	605-432-5523
Minnesota Lake, MN	507-462-3828
Montevideo, MN	320-269-6466
Northwood, IA	641-324-1154
Osage, IA	641-732-3719
Owatonna, MN	507-451-4054
Redwood Falls, MN	507-644-3571
Sleepy Eye, MN	507-794-5381
Tyler, MN	507-247-5572
Wabasso, MN	507-342-5171
Watertown, SD	605-886-3545
Wheaton, MN	320-563-8112