1 - SAFETY

1.1 - Operator's Manual
* This Quick Reference Guide does not replace the user manual that comes with the equipment. Please read and follow all the instructions described in the Operator's Manual. If you have questions concerning equipment use, please contact your local John Deere Dealer.

Before operating or servicing the harvester, and for information concerning safety, please carefully read the SAFETY SECTION in the Operator's Manual.

2 - HOME PAGE

2.1 - LH Area
Press icon E to toggle the left hand area between:
A - Day/Night Screen Lighting Button
B - Guidance Information and AutoTrac
C - Machine Indicators
D - Floating Row Divider and Contour Base Cutter Height Control

2.2 - Lower Area
With the start switch on and the engine off, the lower area will show:
A - Engine Hours
B - Elevator Hours
C - Harvesting Hours
D - AutoTrac Hours
E - Contour Base Cutter Height Control Hours
F - Floating Row Crop Dividers Hours

2.3 - RH Area

3 - HARVESTER ACTIVITY MONITOR

The activity display is the harvesters hours and distance travelled log. To go to the activity screen, follow the steps below:
- On the home page, press the J icon to open the engine information screen.
- Touch the checkbox (1) to turn the Automatic FieldCruise on or off.

4 - AUTOMATIC FieldCruise™

The Automatic FieldCruise™ is an engine speed control system that aims at reducing fuel consumption in the sugar cane harvester.

When the system is on, the engine speed is 2210 rpm. If the harvester requires more load, then automatically increasing to 2310 rpm.

4.1 - Turning ON/OFF
To turn the Automatic FieldCruise™ on or off, follow the steps below:
- On the home page, press the J icon to open the engine information screen.
- Touch the checkbox (1) to turn the Automatic FieldCruise™ system on or off.

5 - TRACK STEERING EQUALIZATION SETUP

Sets the equalization on the left and right side. To open the setting page, press icon C on the home page.

6 - TM

Data is saved in a .csv file that can be opened in a spreadsheet in your computer.

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6 - PRIMARY EXTRACTOR SETTINGS
- On the primary extractor setting screen by pressing icon G on the home page.

7 - FLOATING ROW DIVIDERS
7.1 - Turning ON
With the combo stopped at the beginning of the row:
- Press switch (A).
- Boxes (1), on the SDU-A display screen, should be checked;
- Engage the row end function and turn off the extractor fan speed.
- Press icon C or the checkbox (5) to set the Smart Power Mode speed.

7.2 - Turning OFF
Press raise switch (2) twice (double click) to engage the base cutter pressure and base cutters, as required, by pressing switch (A).

8 - CONTOUR BASE CUTTER HEIGHT CONTROL
8.1 - Contour Base Cutting Height Control Adjustment
To adjust the system properly, follow the steps below:
1. Check whether the base cutting height sensor is working correctly;
- Raise the machine and check if base cutting height is close to 100 (view on the corner post display);
- Lower the machine and check if the base cutting height is close to 0 (view on the corner post display);
- If values 100 and 0 (zero) are not found, contact your local John Deere Dealer.
- Adjust the base cutter pressure interval, press icon (3) to open the Base Cutter Height Control settings.
- Adjust the system properly, follow the steps below:

- Press icon (4) to increase or reduce the pressure manually.

8.2 - Contour Base Cutting Height Control automatically adjusts the base cutting height using as reference the height of the row dividers, which are three types:
- Too little support may significantly reduce the contact of the dividers with the ground, affecting base cutter control operation.
- Too much support may cause it to over furrow the ground.
- Too little support may significantly reduce the contact with the ground, affecting base cutter operation.

9 - BASE CUTTER PRESSURE
The base cutter pressure will automatically set the base cutting height when the pressure is too low.

10 - START AND END OF ROW SETTINGS
10.1 - Row End and Start Height Configuration
Press switch (A) to turn on the row crop dividers floatation mode.
- Boxes (1), (2), and (3) on the screen should be checked, if they are not, touch on the box.
- Set this height of the row crop dividers and basecutters, as required, by pressing switches B and/or C of the divider you wish to raise or lower, to have the position you desire for the job needs.

On this screen, the operator may adjust the base cutter pressure interval, press icon (3) to open the Base Cutter Height Control system.

11 - DAY/NIGHT
Press icon (3), on the screen, to change the display backlight settings in the Day and Night modes.
Use icon (B) to increase or reduce lighting, as represented in graph (2).

During manual cut, press the icon that captures the epitome (1) on the desired cutting pressure (2).

To set the base cutting pressure interval, press icon (3) to open the window with the setting icon.

On the screen, the operator may adjust the base cutter height control sensitivity, which is the speed at which the crop dividers and base cutter will respond.

In normal jog, work with the sensitivity adjustments in intermediate positions, and in areas with a lot of cane line height variation, increase the sensitivity to 100.

On this screen, the operator may adjust the base cutter height control sensitivity, which is the speed at which the crop dividers and base cutter will respond.

Start harvesting and check the following points:
- If the dividers have little contact with the ground and/or cane is being lost. Adjust them through the lower arrows (2) so that the tip of the dividers is pointed down to prevent damage to canes and dirt.
- If the dividers have little contact with the ground and/or cane is being lost. Adjust them through the lower arrows (2) to the desired height to prevent damage to canes and dirt.

Note:
- If values 100 and 0 (zero) are not found, contact your local John Deere Dealer.