



Sugar Cane Harvester
CH570 & CH670
Quick Reference Guide



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Quick Reference Guide
Code: CXT14619 - FS



1 - SAFETY

1.1 - Operator's Manual

* **This Quick Reference Guide does not substitute for reading and understanding by the user of the guidelines contained in the Operator's Manual. The images placed here are merely illustrative. Read carefully and follow all instructions in the Operator's Manual. For questions regarding the use of the equipment, see your John Deere dealer for your region.**

Before operating the harvester or performing any maintenance or for information regarding safety, please read the safety section of Operator's Manual.



2 - CAB

2.1 - Access to the Cab

Enter and exit the cab facing the machine. All controls to operate the harvester are located inside the cab.

Important!
Always use the stairs and handrails up and down the access platform.



2.2 - Controls and Instruments

Become familiar with switches and controls, before operating the machine.

- A - Multi-Function Lever
- B - GreenStar™ 3 (GS3) 2630 Display
- C - CommandARM™ Controls
- D - Armrest Console Controls

Move multi-function lever (A) forward to move harvester forward or pull back to move harvester in reverse.

To put machine in neutral, move multi-function lever to the center position.

Pull lever (E) under palm rest and adjust palm rest to desired position.



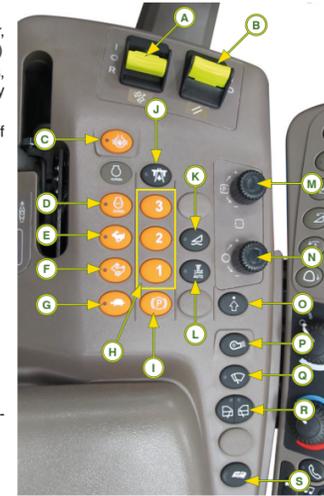
CommandARM™ Controls

- A - Left-Hand Topper Engage Switch
- B - Right-Hand Topper Engage Switch
- C - Left-Hand Side Knife Engage Switch (If Equipped)
- D - Right-Hand Side Knife Engage Switch (If Equipped)
- E - Left-Hand Crop Divider Tilt Up Switch (If Equipped)
- F - Right-Hand Crop Divider Tilt Up Switch (If Equipped)
- G - Left-Hand Crop Divider Tilt Down Switch (If Equipped)
- H - Right-Hand Crop Divider Tilt Down Switch (If Equipped)
- I - Primary Extractor Engage Switch
- J - Secondary Extractor Engage Switch (If Equipped)
- K - Primary Extractor Hood Rotate Left Switch
- L - Primary Extractor Hood Rotate Right Switch
- M - Confirm Switch
- N - Cancel Switch
- O - Main Menu Switch
- P - Home Switch
- Q - Selection Dial
- R - A - J Shortcut Switches
- S - Knockdown Roller Raise/Lower Switch
- T - Left-Hand Side Knife Raise/Lower Switch
- U - Right-Hand Side Knife Raise/Lower Switch
- V - Elevator Reverse Switch
- W - Elevator Raise Switch
- X - Elevator Lower Switch
- Y - ClimaTrak™ Automatic Temperature Control
- Z - Radio Function Switches (If Equipped)
- AA - Light Switches



Armrest Console Controls

- A - Harvesting Functions Switch (Crop Divider, Base Cutter, Feed Rollers, and Chopper)
- B - Auxiliary Function Switch (Side Knives, Primary Extractor, Elevator and Secondary Extractor)
- C - Positive Traction Engage Switch (If Equipped)
- D - Automatic FieldCruise™ Engage Switch
- E - High Engine Speed Switch
- F - Medium Engine Speed Switch
- G - Low Engine Speed Switch
- H - Travel Speed Switches
 - 1 - Low
 - 2 - Medium
 - 3 - High
- I - Park Brake Switch
- J - Road Transport Disconnect Switch
- K - Floating Crop Dividers Engage Switch
- L - Contour Base Cutter Height Control Engage Switch
- M - Configurable Encoder
- N - Propulsion Encoder
- O - Alarm and Operator Controls Switch
- P - Cooling Fan Reversing Switch
- Q - Side Windows Washer Switch
- R - Side Windows Wiper Switches
- S - Diagnostic Switch



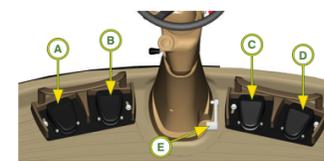
Switches Multi-Function Lever

- A - Harvesting Function Quick Stop Switch
- B - Configurable Switch
- C - AutoTrac™ Resume Switch
- D - Elevator Discharge Flap Out Switch
- E - Elevator Discharge Flap In Switch
- F - Secondary Extractor Hood Rotate Left Switch
- G - Secondary Extractor Hood Rotate Right Switch
- H - Base Cutter Raise Switch
- I - Base Cutter Lower Switch
- J - Topper Raise Switch
- K - Topper Lower Switch
- L - Elevator Swing Left Switch
- M - Elevator Swing Right Switch
- N - Elevator ON and OFF Switch
- O - Right-Hand Crop Divider Raise Switch
- P - Right-Hand Crop Divider Lower Switch
- Q - Left-Hand Crop Divider Raise Switch
- R - Left-Hand Crop Divider Lower Switch
- S - Horn Switch



Control Pedals

- A - LH Elevator Swing Pedal (If Equipped)
- B - RH Elevator Swing Pedal (If Equipped)
- C - LH Brake Pedal (Wheel Machines Only)
- D - RH Brake Pedal (Wheel Machines Only)
- E - Steering Column Horizontal Adjustment



3 - TOPPER

Eliminates top and leaves of the plant in the height determinate by the operator.

Note:
The height of the sugar cane determines what position the topper should be operated.



3.1 - Cutting Height Adjustment

Press switch (A) to raise or switch (B) to lower the topper until desired height.



3.2 - Operation and Direction Rotation

Operate and change the direction rotation of topper pressing the switches (C).

Important!
Always allow topper to stop completely rotating before changing rotational direction.



4 - CROP DIVIDERS

Separating rows of downed or tangled cane.

- A - Crop Divider Scrolls
- B - Outer Scrolls
- C - Side Knives (If equipped)



4.1 - Operation Crop Dividers

To engage harvesting functions, push down and push forward the switch (A).

Push down and push forward on switch to enable side knives.

Floating Crop Dividers

Press switch (B) to enable the floating.



4.2 - Adjust Crop Divider

Use switches (E) and (F) to adjust tilt of the dividers up or down.

Adjust height the dividers pressing switches (I).



Side Knives

Press switches (G) and (H) to adjust side knives in desired position.

Change direction rotation pressing switches (D).



5 - KNOCKDOWN ROLLERS

- A - Adjustable Upper Roller
- B - Lower Roller

The position of upper roller (A) can be manually adjusted or by switches (C), if equipped, in desired position.

The lower roller just is adjusted manually.

Note:
See Operator's Manual for information about adjust manual of knockdown rollers.



6 - BASE CUTTER

Is a pair of counter-rotating disks (A) with replaceable blades (B) designed to cleanly cut cane at ground level.



