W/T SERIES



Quick Start Harvest Guide



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Quick Start Videos

For quick start videos, scan the QR code below, or go to https://www.youtube.com/playlist?list=PLtzw5x6F2At56GS5B7Bi3VCh-q2fkS46H https://www.youtube.com/playlist?list=PLtzw5x6F2At4NcrMOK4giolBKb39bqLOX I-Phone users – Just hold your camera up to it and click the link Android users – Hold your camera up to it and select the barcode option





Machine Videos

Header Videos

My Operations App



With the John Deere My Operations app it allows quick and easy access to machine location, harvest settings, remote display access and with a connect subscription can quickly provide yield, moisture and speed maps. This will bring up fields and machines with quick access via the search facilities.

download in the app store – John Deere My Operations





Combine Checklist

With any new machine, chains and belts can take a few days to bed in, so please keep an eye on all chains and belts, and adjust if necessary. There are a few pointers below to keep on top of ensuring the best experience with your new machine.

Feeder House



Feeder House elevator chains, it's perfectly normal for the feeder house chain to work loose after some initial work of the machine, but it's important to keep this adjusted correctly, we are looking to have the first elevator slat in the fully forward positon, as per the slat on the left hand side of the photo, we then want to count this as slat no.1 and count back to the 4th slat on that side, should just be touching the bottom of the feeder house, please adjust accordingly

Returns and clean grain elevators

Grain elevator chains will stretch as they bed in and it's important to keep these correctly tensioned, for chain life and grain quality. It is a very quick and easy check, if you open up the covers to access the chain, you will be looking to be able to have some side to side movement on the lower sprocket. If you have some slack in the chain and can feel a gap this is too much slack, if you can't move the chain side to side on the sprocket this is too tight. *Check these are closed and secured after winter storage, W/T-Series machines also have an extra inspection cover on the active returns.(please see lower picture)*



General Chain and belt tension



Operator Tip: NEW machines, pay attention to unloading auger chain and chopper belt tension

John Deere combines all have a series of belt and chain tensioner alignment tools; it's a very quick and easy visual check. It's very important to have belts and chains tensioned correctly to prevent slippage and achieve the maximum life out of the components. If you make sure the indicator is in line with the washer on the spring, that is perfect, if not please adjust as necessary

Greasing – please follow the grease charts on the machine, Hillmaster machines need the **Pivots greasing daily !!**

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Grain Tank Drain Covers



Before going in to crop please ensure that all the grain tank drain covers have been put back in the work position. There are two covers either side of the unloading auger drive as per picture on the left. There are also two covers on the opposite side as per picture on the right.







To aid the cleaning process on the combine there is the facility to open up the front of grain conveyor augers, please check this is closed before harvesting.

S - series design on the left with a handle T - series design on the right with 2 wing nuts securing.



Header

With John Deere headers, there are a few basic settings we recommend as shown on the right; sometimes you may need to come away from these

- Rape seed raise the auger from the standard position if you find crop stalling in the centre of the header, make the auger finger timing more aggressive if you are still struggling.
- Linseed if you are experiencing wrapping around the feed auger, remove all retractable fingers except one in the centre.

Operator tip: Incorrect finger timing adjustment can cause premature wear





With the spare knife on the X- headers it comes standard with a knife head only, if you have a spare knife or replace it please note how the spare knife is supported in the picture on the left, if the knife goes in further than this the extending part of the platform can foul it. The spare knife is normally a fine tooth Knife.

After the first few hours of use please check the bolts for the auger finger timing, also after adjusting the auger finger timing please check that these bolts are tight. If they work loose it can cause potential for the auger fingers to contact the bed of the header. Please see pictures of the 2 different designs







Combine Checklist

With any combine that has been cleaned, please be sure to check the following before going to work, as they will have been left open to clean it down correctly.

Returns and clean grain elevators

Check these are closed and secured after winter storage, W/T-Series machines also have an extra inspection cover on the active returns.



Grain Tank Drain Covers



Before going in to crop please ensure that all the grain tank drain covers have been put back in the work position. There are two covers either side of the unloading auger drive as per picture on the left. There are also two covers on the opposite side as per picture on the right.



Grain conveyor augers



To aid the cleaning process on the combine there is the facility to open the front of grain conveyor augers, please check this is closed before harvesting. S - series design on the left with a handle

T - series design on the right with 2 wing nuts securing.



6-700X Extendable Auger Platform

Settings and Adjustments Quick Reference Guide



Basic Settings



Reel Position

Reel tube touching the heads and pushing crop over the cutter bar.

Reel Tines

Straight down

Reel Speed

Slightly above ground speed to push plants into platform.



Auger Position

Flights to Rear wall 50mm Flights to Trough 20mm Always try to keep auger down, only move up if bunching or stalling occurs.

Auger Strippers

Keep strippers as tight as possible to the auger flights. 3-5mm is recommended.

Auger Fingers

In normal conditions auger fingers are in most extended position when pointing straight forward (3 o'clock).

Cutter Bar Position

Chose Cutterbar position according to plant height. Plant Height – Cut height = Cutter bar position

Or use Wizard in Display



Adjustments



In Short Crops do not retract the Cutter bar shorter than 450mm. Also extend the table first completely and then retract it. Doing this the sealing bridge will be moved all the way forward. This will allow you to have the Reel in a better position to sweep the Cutterbar and move material to the Auger

Move the Reel to the rear positon on the Reel arms if more active feeding of the Reel is needed

IMPORTANT: This guide is to assist operators with correct setup and operation of 600X extendable Auger Platform.

Always refer to your Operator's Manual for questions

6-700X Extendable Auger Platform

Settings and Adjustments Quick Reference Guide



Material stalling in the sides Auxiliary Reel Tines BXE11039



Long Rye or Barley bunching on Crop Divider Additional long deflector BXE11102



Crop accumulating between knife and auger Keep table extended at 500mm setting. Move reel to rear position at the reel sleds. This allows the reel to operate closer to cutterbar



Reel is not level Rephase Reel by lowering it completely. Table must be in rear position, reel fully extended. Bleeding is not required.

High Yielding Crop and unhetereogenous conditions Auger Speed up



Increased speed is not recommended in all conditions

Rape seed stalling in center of header

Adjust finger timing to 4:00 Raise Auger Remove Speedflights Use larger reverse flights for 635X and 640X HXE108653 and HXE108654 For W/T-Series: change finger configuration to T670 configuration



Check Knife and Guard wear regular



IMBORTANT: This guide is to assist operators with correct setup and operation of 600X extendable Auger Platform.

Always refer to your Operator`s Manual for questions

700D Draper Platform

Settings and Adjustments Quick Reference Guide



In Cab Settings



FH Raise / Lower Speed

Controls the speed of the FH raise / lower

Lateral Tilt Speed

Controls the speed of the FH tilt

Height Sensitivity

Controls sensitivity to changes in terrain of header raise/lower in automatic mode

Tilt Sensitivity

Controls sensitivity to changes in terrain of the feeder house lateral tilt movements when in automatic sensing and automatic float modes.

Draper Belt Speed

Controls speed of the side belts

Float Position

Controls the pressure in the

cylinders for the gauge wheel float arms

Cutterbar Tilt

Angle of the cutter bar relative to Feeder House



Belt Speed

The side draper belt speed can be adjusted by pressing the Header Adjust switch pictured above twice. Then rolling the encoder dial to the desired speed. Once the desired speed is achieved, the belt will remain at your selected speed until adjusted again. Or you can use the touch screen. *Note: If underfeeding occurs slow down belt speed.*



Avoid One Sided feeding. If material comes from one side only there is a risk of the straw being thrown to the opposite side, and being drawn under the draper belt.

Important: This guide is to assist operators with correct setup and operation of the 700D Draper Platform. 9 Always refer to your Operators Manual

700D Draper Platform

Settings and Adjustments Quick Reference Guide



Header Height Sensing



Ground Plane Cut Height Gauge Wheels Supporting Head

Header height sensing

- Gauge wheels are unlocked during calibration process
- Typical crops wheat, barley, oats, canola

HydraFloat – On Ground Control



Ground Plane Cut Height FH Supporting Head

> * The header height sensing value should be set lower for issues where cut height is not remaining level left to right. The steeper the side slope, the lower this value should be.

* Combines equipped with platform tilt should start with a header height sensing value of 5.

Adjustment			
Condition	Sensitivity	Float Pressure	Center Tilt Cylinder
Uneven cut height		Increase active header height sensitivity until system reacts accordingly	
Sensing does not react quick enough	Increase active header height sensitivity until system reacts accordingly		
ContourMaster [*] "hunts/ unstable" while sensing		Increase active header height sensitivity until system reacts accordingly	
Cutting too low, scooping rocks, damaging cutter bar			Retract tilt cylinder

HydraFloat[™] – on ground control

 Gauge wheels are locked up during calibration process * The header height sensing value should be set lower for issues where cut height is not remaining level left to right. The steeper the side slope, the lower this value should be.
* Combines equipped with platform tilt should

- start with a header height sensing value of 5.
- Typical crops lentils, chick peas, canola

HydraFloat [®] On the Ground Control					
Adjustment					
Condition	Sensitivity	Float Pressure	Center Tilt Cylinder		
Bulldozing/pushing	Increase active header height sensitivity	Increase float pressure until bulldozing is eliminated	Retract center tilt cylinder		
Uneven cut height	Increase sensitivity if experiencing inconsistent cut height Decrease sensitivity for short waves in cut height	Equalize float system cylinders. See Adjustment section in Operator's Manual for more information			
Sensing does not react quick enough	Increase active header height sensitivity until system reacts accordingly	Decrease float pressure if missing crop Increase float pressure is also pushing dirt			
Cut height too low	A REAL PROPERTY AND A REAL	Increase float pressure	Retract tilt cylinder		
Cut height too high, missing crop	Increase sensitivity	Decrease float pressure	Extend tilt cylinder		

Technology Guide



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NOTHING RUNS LIKE A DEERE

QUICK START UP. COMMANDARM[™] CONTROLS.

A	Hydrostatic lever
B	Header resume buttons
C	AutoTrac resume switch
D	Emergency stop
E	Unloading auger in/out: on/off
F	Reel and header manual controls
G	Engine speed buttons/gear selection/ differential lock/4WD controls
H	Separator and feederhouse-engage switches HarvestSmart on/off
	Combine settings, concave distance, drum/fan speeds, cleaning shoe
J	Beacons/radio/air-conditioning controls
K	Dial-a-height and dial- a-speed. HillMaster.
	CommandCenter/2630 Display



CORNER POST DISPLAY









<u>Hillmaster</u>

The hillmaster system has 2 positions road mode and field mode.

Engage field mode – press the button on the right-hand side so the light is illuminated, and release the hand brake. Now manually lean the machine all the way over to one side using either the left hand or right hand tilt buttons, release the manual tilt button. The machine will now level itself to the field position.



Operator tip – ensure hillmaster is in field position whilst harvesting, every time the ignition is cycled, the hillmaster light will automatically switch off, remember to engage whilst harvesting.

Engage Road Mode – Press and hold the button on the right-hand side until it flashes, release the handbrake.

Now manually lean the machine all the way to the left, once it is all the way down on the left, lean it all the way to the right. The machine should now be in the lower position for transport.

Operator tip – ensure hillmaster is in field mode before attaching/removing header.

Hillmaster machines need the Pivots greasing daily!! failure to do so can cause premature wear and uneven stable height.

Video link below

https://www.youtube.com/watch?v=hy2bQufDfSU







Combine Crop Change 2630 screen



To change crops, go in to the menu button, bottom right hand side highlighted green.

Go in to the GS3 menu, highlighted green.







+

Select change harvest settings, highlighted green.





There will be drop down menus for both crop type and variety, these are mandatory so please ensure this are filled in correctly.





Press accept once all settings are filled in, this will then take you back to the GS3 screen. Once in the GS3 screen press the menu button on the bottom right hand side, highlighted green.





Select the combine icon, highlighted green.

Press the settings icon, highlighted green, arrow with a dot above it.





Once in the settings page, press the separator settings, highlighted green, icon with separator on.



Engage the separator, raise the engine speed to maximum. Press the accept button, this will load up the crop settings accordingly. Note that settings in black are actual and desired settings are highlighted in blue, the settings in black will flash whilst they are changing.



Documentation through the 2630 screen



If you wish to document data for different fields, enter the GS3 menu and select the resources button, highlighted green.

There will be drop down menus, please fill in accordingly. This will allocate the harvest data to each client, farm, field accordingly. If you have visited these fields before if you tick the box for field locator, the machine should recognise which fields you are in.





In the Task box please make sure that this is selected as harvest, once this is complete, you can return back to the harvests screen using either the home button or menu button in the bottom right hand corner of the screen.



<u>Grain – Loss calibration</u>

To achieve the maximum out of the machine it is necessary to calibrate the loss monitors your personal acceptance level.



Once in the setting menu you will have

to press the crop settings icon,

highlighted green

Come in to the combine screen, select the settings menu, arrow with a dot above it, highlighted green.





Drive the machine to an acceptable loss level, press the calibration button, this will calibrate the loss sensors to your acceptable loss level.

Once complete, return back to the main combine menu by pressing the combine button in the top right hand corner, highlighted green.



Yield Calibration Procedure W/T-Series Combines

correct head on the combine in the harvest operating position. Perform in each crop type. 1. From the combine home page press **B**. 2. Next press **G** for user calibrations. 3. Select "Mass Flow Vibration" from the calibration list and press accept. Mass Flow Vibration Mass Flow Vibration You are about to perform the Mass Flow Vibration Calibration. The machine should be stationary and not harvesting. The engine should be running at normal harvesting n/min. The threshing system and feeder house should be engaged. ⇔ Mass Flow Vibration Calibrating... Calibration may last up to 60 seconds. Please wait. Mass Flow Vibration Calibration complete.

Mass Flow Vibration Calibration

Select the correct crop type as this calibration will be saved under the

crop identified in the combine setup. Perform this calibration with the

4. Follow the instructions in the calibration. Engage the header and separator, with the header in the harvesting position take the engine speed to high idle, be sure the header is not resting on the ground and the grain tank is empty.

- 5. Harvest a load of grain and note the "Avg. Moisture" on the Harvest Monitor. Example: 13%.
- 6. Randomly sample the grain from several locations in the grain tank to collect an average moisture sample. Then measure the average moisture of this sample using an accurate/trusted moisture tester. Example: 12%.
- 7. Return to the "Moisture Setup" page and enter the difference in the "Moisture Correction" numerical box. Example: Moisture tester (12%) minus the Combine displayed "Average Moisture" (13%) equals -1.0.

	Moisture Alarm	
	Minimum Maximum 1% 40%	
1	Moisture Correction -1.0	
	Yield Units	
	Bushels 🔶	

8. Repeat as necessary until satisfied.

If moisture readings become erratic in high moisture grain, clean the moisture sensor with water or glass cleaner to remove build up from the metal (fin shaped) capacitance plates.

Moisture Meter Capacitance Plate



Weight (Yield) Calibration

Things to know:

- Perform Temperature and Moisture correction before Weight calibration.
- Calibration loads should be uniform in size and be a minimum of 3,000 lbs.
- A maximum of 13 calibration loads can be saved for each crop type.
- For more accurate results use 4 to 8 calibration loads.
- Harvest each calibration load at a different flow rate (ground speed). Example: 2, 3, 4, or 5 mph.
- Calibrate for each crop type.

Process:

1. From the combine home page press **B**. 13-51



5. The display will list the first available load number. Begin to harvest, and unload only after accumulating 3,000 lbs. or more.



6. Unload and record the actual scaled weight. Select the "next" button and enter the "Actual" scale weight in the numerical box.



7. Return to the "Yield Calibration" page by pressing the "return" icon. Press the "next" icon and repeat steps 4 through 7 at different ground speeds.



8. After completing your calibration loads return to the "Calibration Management" screen and check mark the boxes next to the load ID numbers with



the "%" between the range of -3.0 and 3.0. Yield







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2 Moisture Correction and Calibration

Temperature calibration should be performed before this correction. Ensure moisture sensor metal plates are clean at the beginning of each season. Plates may be cleaned with glass cleaner or water. Calibrate moisture for each grain type.

1. From the combine home page press H.



3. Check mark the box labeled "Moisture Correction".



4. Next be sure the numerical box reads 0.0, if it does not highlight and change. You may return to the combine home page if desired.

Then select "Yield" from the list of calibrations and press



NOTE: This screen will be the first Yield calibration screen if there is no pending calibration.



This screen will allow the following options:

Start new

calibration load

- Manage existing calibration loads
- Cancel the calibration process



4. Select the "next" button to begin the calibration, be sure the grain tank is empty.



Once the calibration has completed updating press the "accept" icon to exit.



10. To delete unwanted calibration loads or make space for new loads press the "delete" icon next to the corresponding load ID. This will permanently delete the cal load.







<u>T – Series Performance Principles</u>

Threshing

- Threshing is getting the grain out of the ear, please do not confuse with separation which is getting the grain out of the straw mat.
- Concave clearance and drum speed are the main factors for more aggressive threshing, to tight on the concave clearance will compromise throughput and consume more horsepower, to much drum speed will cause cracked grains.
- To optimise the concave, start tight and keep opening the concave clearance until you see unthreshed heads, then tighten the concave slightly. – if you see both unthreshed heads and cracked grains remember that cracked grains can also be a sign of too higher drum speed
- To optimise the drum speed, start high and keep reducing until any cracked grains or eliminated or the crop flow feels compromised or lumpy.
- Heavier crops and easier threshing crops will require a wider setting.
- Light crops or hard threshing (Barley) will require a tighter setting.
- The booster bar increases threshing aggressiveness which is recommended for cereals and would be suggested to remove for pulses (rape + beans). It may be required to remove the booster bar if you experience cracked grains, and a drum speed reduction will not eliminate it.
- De- awning plates will give even more aggressive threshing but will limit capacity, only engage after trying the booster bar, concave clearance, and threshing speeds.

Separation

- Separation is getting the grain out of the straw mat, heavy grains and a light straw mat creates easy separation, light grains and a heavy/wet/green straw mat creates harder separation.
- With W series machines this is reliant on the walkers and will normally require a thinner crop mat going over the walkers to improve separation, often achieved by reducing forward speed.
- The T series has a power separator to further separate the crop mat which has the following settings which can be adjusted.
- 2 Speeds high or low high speed causes greater separation and inertia, recommended for all cereals and rape seed, low speed recommended for beans/peas, (high speed can cause cracking in beans/peas)
- *Separator drum* + *rear beater clearance one lever for each* wide or tight tight clearance creates greater separation, recommended for all cereals, wide for bushy crops to prevent plugging (rape+ beans). In certain conditions where cereals may be very brittle, easy separating or straw quality is compromised it is possible to put this into the wide position although separation may be compromised.
- Rear beater clearance should always be set the same as the separator drum or wider to prevent plugging.

Cleaning Shoe

 Top Sieve – what does not go through the top sieve will travel out the back of the combinecausing shoe loss – could be caused by excess wind speed or to little sieve opening.
 What does go through the top sieve will fall on to the bottom sieve.

- **Bottom sieve** what does not go through bottom sieve will fall in to returns, what does go through the bottom sieve will go straight to tank, if sample is dirty consider closing the bottom sieve slightly.
- **Wind speed** to much wind speed will cause excessive shoe loss, to little will cause chaff overloading, if sample is dirty increase wind speed slightly.
- Setting up the cleaning shoe is finding a balance between all 3 settings; the combine will measure shoe loss and returns load to help you make cleaning shoe settings.

Please change one setting at a time as the machine will need approx. 20 metres for the new settings to start to show results.

Enable Harvest Smart[™]

Press the Harvest Smart [™] button on the arm rest to view the Harvest Smart[™] home screen.



Pressing again toggles between modes.

Harvest Smart[™] has three modes Off, Smart, and Capacity.

Notice the indicator light will be on when the system is active.







Smart mode vs. Capacity mode

Harvest Smart Mode: Smart

Smart Mode monitors grain loss levels with VisionTrak[™] to ensure the system is at operator designated level.

When loss monitor levels are consistently above or below operator desired levels, the system decreases or increases machine ground speed.

Harvest Smart Mode: Capacity

Capacity Mode Uses engine load and rotor pressure to maintain a constant material flow.

Capacity mode does not adjust the grain loss VisionTrak[™] monitor. Use Capacity mode when the machine reacts aggressively to VisionTrak[™] crop losses.



Activate Harvest Smart[™]

The system must first be enabled.

Push button 2 or 3 on the multifunction lever to activate Harvest Smart[™].

Then move multi function lever slowly forward to allow the system to increase speed according to crop conditions and max set speed setting.



Operator limits maximum ground speed at all times by pulling back on multi-function lever, for example when header limited conditions are present.





Max Engine Power: This shows actual engine load against the target engine limit. Target can be adjusted by using the plus or minus icons. If slug feeding is a concern, decrease setting for more cushion.

Target Pressure: This shows actual rotor pressure, which is equivalent to the throughput, against the target rotor pressure. Target pressure can be adjusted by using the plus or minus icons.



Harvest Smart[™] Setup Page

Advanced Setting icon allows the operator to adjust the max harvest speed and sensitivity of the system. Refer to Operator's Manual for recommended values



The Harvest Smart[™] Calibration icon sets material flow and loss level targets for Harvest Smart[™]. This will also change the previous grain loss calibration factor.





Harvest Smart[™] Setup Page

Press the Diagnostic icon for further details on Harvest Smart[™] diagnostic status.





When all four quadrants are satisfied the symbol will be green. Harvest Smart[™] is now enabled and activated.



Combine - Secup narvest Smart				
State	Conditions	Status		
\bigcirc	Harvest Smart Installed	Yes		
\bigcirc	Manual Mode Deactivated	Capacity		
	Separator Engaged	Yes		
	Header Engaged	Yes		
\mathbf{P}	Engine at High Idle	Yes		
	Road Mode Inactive	Yes		
R	Activation Button 2 or 3 Pressed	Yes		
	Multi-Function Lever Limited	No		
	Multi-Function Lever Position	-53 %		
	Harvest Smart Commanded Position	5 %		
•←				

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Multi-function Lever Operation

During unloading multi-function lever response is limited to prevent sudden ground speed changes.

Deactivate the system by pulling back on the multi function lever. When auger is shut off the system will reactivate after pushing the multi-function lever fully forward again.

Notice: Once activation button 1 is pressed the machine will accelerate to the multi-function lever position, returning full control of the multi-function lever to the operator.

This is intended to be a Quick Reference for Harvest Smart[™] on S Series Combines. For further and more detailed instructions, Please consult the Operators Manual or contact your John Deere dealer.



ICA (Interactive Combine Adjustment) will provide you with recommended machine setting changes to improve performance according to your harvesting priorities.

First select (H) the Combine Setup Icon to access ICA.

Now select (I) the ICA lcon.

Select (A) the Combine Setup Icon to begin prioritizing your harvest operation.







Highlight and prioritize settings by selecting the text and using the arrows.

Once finished Press the accept lcon and return to the ICA home page.







Next select which area is in need of improvement by checking the box. It is recommended to choose one area at a time but, more than one may be selected.





Press the next lcon to move on.

Press the back button if there is an additional change or to return to the previous screen.





Select which subset needs improvement by checking the box.

If more than one area was selected for improvement an additional subset list will show



Select the "Question mark" Icon for a description of each subset.



Press the "next" lcon to move forward.





ICA will compile a list of Machine setting recommendations. The next recommendation will be shown above the current recommendation.



Press the "scroll" icons to view the available machine setting recommendations.



Press the "back" button to return to the previous page. Press the

"abort" icon to Exit ICA.







Press the "accept" lcon to select the current recommendation, the machine will automatically adjust the setting.



Once selected ICA will prompt "Adjustment being performed" a status symbol will appear at the bottom of the display.





The ICA icon will flash yellow once the adjustment is complete, select the Icon to "Evaluate the change in performance".





Press next to "Evaluate the following areas of improvement", select the status of the issue from the drop down box.

Select the "next" lcon to move forward.





Next determine if any new issues are present as a result of the recent adjustment, select one of the answers listed.



If all previous issues were "Resolved" and no New issues were reported the "optimization is complete". Otherwise, previous steps can be repeated until desired performance level is reached.



If the system detects a change in machine performance, such as high losses, the ICA icon becomes Red. Select the ICA icon button to launch a new optimization.



This is intended to be a Quick Reference for Interactive Combine Adjust on S Series Combines. For further and more detailed instructions, Please consult the Operators Manual or contact your John Deere dealer.





MyOperations App Remote Display Access



Select your machine and select remote display access to see the display

Notifications

	MARKOMEARA2 C Wiltshire (BTMM)	Announcement	0	Allow Notifications
2	Settings	Diagnostic Trouble Codes	0000	Show In App
	Change Organization	File Management	0	HIGH
	Notification Preferences	Geofence and Curfew	00007	MEDIUM
	Operation Facts	Machine Maintenance	00000	INFORMATIONAL
	Customer Support	Organization Management	0	NONE
	FAQs	Terminal Management	0 0 0 0 >	Show in the notifications tab of this app.
	Submit Feedback			Alert
	Dealer Locator	-		IIGH
	Privacy & Legal			MEDIUM
	Analytics Opt-in			
	Data Privacy	-		
100	End Lloor Liconso			IN NUNE

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MyOperations App Operation Overview







View your harvest data based on crop variety



Select your field to see your data.

Export your data via a PDF using your preferred method.





JDLink Overview

JDLink[™] is John Deere's telematics system designed to take operations to the next level of productivity and efficiency. Use JDLink[™] to remotely locate your fleet, view machine information & diagnostics trouble codes (DTCs), or to get driving directions to a machine when a trip is needed. Leveraging the power of JDLink[™] enables data-based decisions that optimize productivity, increase uptime, and boost profits.







	_	-	_
Mad	Feb 6, chine	Healt	b 12, 201 1
Summary			•
Measurement	Idle	Warking	Transpor
Average Engine Load Factor	17.57	0.00	15.41
Average Engine Speed	889.96	0.00	1002.63
Average Ground Speed	0.01	0.00	1.26
Engine Fuel Utilization	0.00	0.00	0.00
Machine Utilization	0.00	0.00	0.00





Mobile App GoHarvest

The GoHarvest application gives S, W and T series combine operators the ability to optimize their 2012 or newer machine as they enter the harvest season. Operators choose the model of combine and type of crop. GoHarvest suggests initial settings for that crop type. GoHarvest also features a notes section and photo functionality to give combine operators a premium experience when setting their machine. Use the Seed Loss Calculator to calculate losses to optimize settings. GoHarvest is also a great guide to use in field for settings changes as conditions differ, and to document changes made to settings during harvest.



	Calculator	@ 7 0 ();
Instructions	Calculator	History
Units	US	Metric
Crop	3	Barley 4 seeds / g
Residue Dispos	al	Spread
Header Width (m)		9
Yield († / ha)		6
Seed Count		18
Area	0.	3 x 0.3 m









Platform auger clearance

H

<

Separator Grate

FARDL

Feeder House Drum Posit... 🕂

<

A

2

Barley

d^e





Grain Loss

Performance

Chaffer Position	12 - 18
Cleaning Fan Speed	800 - 1050
Precleaner	10
Sieve Position	3 - 6
Threshing Clearance	25 - 40
Threshing Cylinder Speed	400 - 650

Beans Inside		
Chaffer Position	14 - 20	
Cleaning Fan Speed	900 - 1100	
Precleaner	10	
Sieve Position	8 - 12	
Threshing Clearance	20 -35	
Threshing Cylinder Speed	450 - 650	



Outside

Inside

FAROL



Go Harvest App



John Deere offer a really useful app, called Go Harvest, download the app to see some of the benefits below, with quick links to the right hand side, for instructional videos, display simulator, and JDParts.

The app also has shortcuts along the bottom for mechanical changes around the machine and in cab crop settings, grain loss calculator and performance optimiser.





⁴⁴ Scan Me or download in the app store – <u>John Deere GoHarvest</u>

John Deere Combines/Header Offsets

GreenStar 2 Pro - Equipment		Machine	
		TT I	Machine Offsets
Machine Type Constine Machine Model	0.000 (m) 0.000 (m) 0.00 (m) 0.00 (m) Change	Input machine type and name. Enter GPS receiver offsets. Select connection type to your implement and select a Recording Source to use Documentation.	A 0.000 (m) A B 0.00 (m) A C 0.00 (m) C 0.00 (m)
Front Rigid 3-pt	* Recording Source AUTO Documentation and Coverage Monitoring without GPS Memory Used	4:12pm	Non-Steering Location Front Axio A Lateral distance from center-line of machine to GPS receiver B In-line distance from non-steering axle to GPS receiver C In-line distance from non-steering axle to connection point

Offsets Machine/Combine (m) HM =	W&T(5 walkers)	W&T (6 walkers) w/o	S -Serie 690
	and C- Serie w/o		
Hill Master	HM - w/ HM	HM - w/ HM	w/o HM - w/ HM
A = Lateral distance from center-line of Machine to GPS Receiver B= In-line	0,00	0,14 *	0,00
distance from non-steering axle to GPS receiver	1,95 - 1.97	1,95 - 1,97	2,20 - 2,22
C= In-line distance from non-steering axle to header attachment	2,04 - 2,05	2,04 - 2,05	2,60 - 2,61

Receiver/cab shift on left side like on picture



Offsets Implement/Header (m)	600 - Serie
A = In-line distance from connection point (header attachement) to rear of implement	0,00
B= In-line distance from front to rear of implement	1,18
A+B= Documentation location when in use	1,18
C= Lateral distance from connection point (header attachement) to control point of implement D= In-line	0,00
distance from connection point (header attachement) to control point of implement	0,00

NOTE: For 3-point mounted implements, dimension (D) does not need to be entered. NOTE: *Change Offsets* only accessible if Implement Model & Name completed

Important: all these dimensions may need to be adjusted for fine-tuning performance in the field.



John Deere W&T-Series Combines

(W540, W550, W650, W660, T550, T560, T660, T670)

IMPORTANT: Regular and thorough cleaning of machine combined with other routine maintenance procedures listed in the Operator's Manual greatly reduce the risk of fire, chance of costly downtime, and improve machine performance.

Crop material and other debris can accumulate in various areas. Direction of wind, type of crop, and crop moisture content can all impact where and how much crop material and debris can accumulate. Be aware of harvest conditions and adjust your cleaning schedule to ensure proper

machine function and to reduce the risk of fire. These areas may require more frequent cleaning, even multiple times per day, depending on harvest conditions. Inspect and clean these areas as needed throughout the harvest day.

Other areas not covered in this section may also collect crop debris and MUST be cleaned periodically for machine function and appearance.

Thoroughly inspect the entire machine on a regular basis throughout the harvest season.

Cleaning Guide

Refer to the Machine Cleanout Section of your Operator's Manual for further information.









Engine Platform

- Area of rear access platform and cooling package (1).
- Area on top of engine, around turbo charger, and alternator(s) (2).
- Area around hydraulic oil reservoir and exhaust (3).
- Area around and inside Exhaust Aftertreatment Enclosure (3A).

Wiring Harnesses and Hydraulic Hoses

- Right Cab Area (4).
- **3-Speed Transmission or ProDrive** Transmission (5).



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READ SAFETY INFORMATION IN OPERATOR'S MANUAL

Always follow all safety procedures posted on the machine and in the Operator's Manual. Before carrying out any inspection or cleaning, always shut OFF engine, set parking brake, and remove key.

IMPORTANT: Thoroughly clean the machine from top to bottom with compressed air. First clean all areas accessible from engine deck. Start with cleaning cooling package. Restart engine after cleaning cooling package area. Run engine briefly at high idle to clear dislodged crop debris from cooling package area. Shut OFF engine and remove key. Continue cleaning in engine compartment. Blow crop debris out towards left side of machine. Work outwards and counterclockwise to other areas around engine compartment and rear deck. Thoroughly clean around turbocharger and exhaust manifold areas on engine. Thoroughly clean outside area around Exhaust Aftertreatment Enclosure (if equipped.) Open top access door on Exhaust Aftertreatment Enclosure. Thoroughly clean inside of enclosure, around the sensor locations, band clamps, and outer surfaces of canister. Once top rear areas around engine compartment, Exhaust Aftertreatment Enclosure, and rear deck are clean proceed to clean remaining areas accessible from ground level.

Shields and Braces

- Left side of feeder house, on reverser gearcase (6).
- Left side of frame, behind tailings elevator (7).

Wiring Harnesses and Hydraulic Hoses

• Area behind Battery Box (8).

Rear Hood Area

• Below rear straw walker shaft (9).



