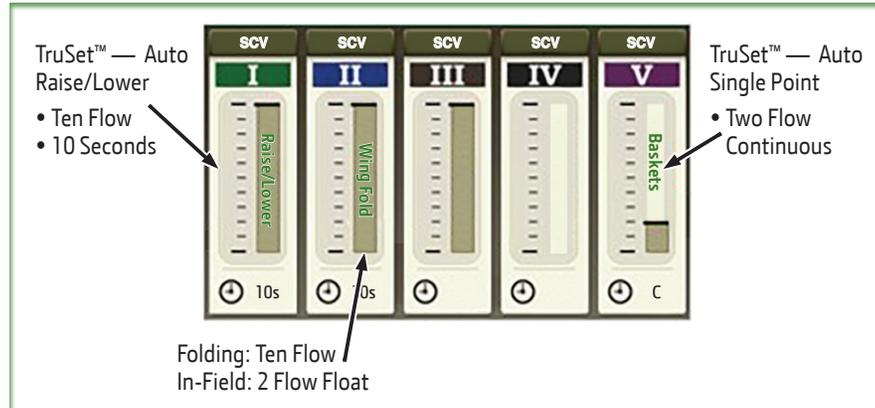


2230 Floating Hitch Field Cultivator QUICK REFERENCE GUIDE

NOTE: Use this Quick Reference Guide to make basic machine adjustments and software settings. Refer to your Operator's manual for detailed safety or machine information.

Set Up Tractor Hydraulics-All Machines



Preparing Implement

- Verify that all tire pressures are correct.
- Check and Lubricate the implement.
- Verify drawbar requirements per implements Operator's Manual.

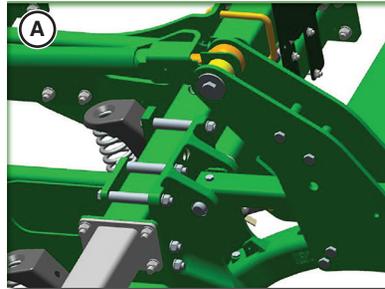
Bleed hydraulic system:

1. Fully raise machine for 4 minutes.
2. Fold and unfold machine twice.
3. Repeat procedure twice.
4. Fully raise machine for 4 minutes.
5. Extend and retract rolling baskets twice.
6. Extend rolling baskets and hold for 30 seconds.

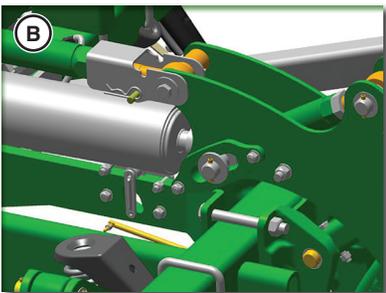
Leveling Implement

On Level surface lower mainframe sweeps 2-3" off the ground.

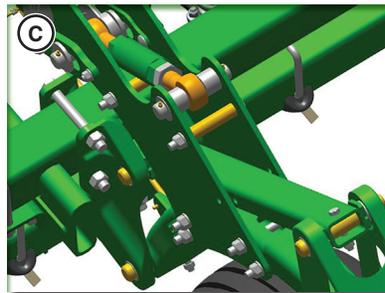
1. Adjust mainframe fore/aft level.
2. Level wings to match the mainframe.
3. Level outer wings fore/aft.



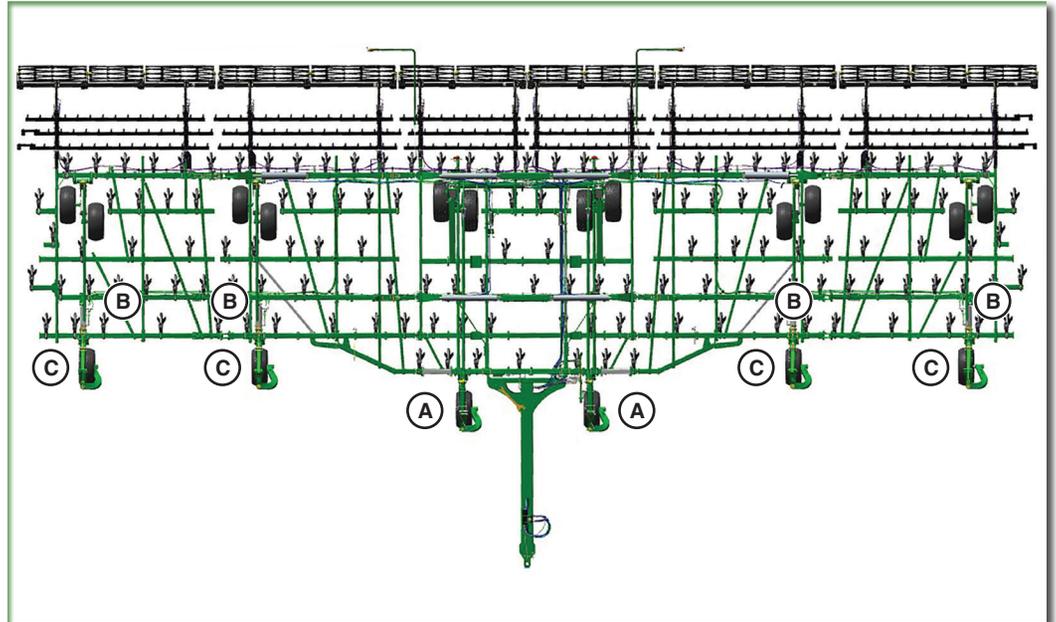
Front-to-Rear Leveling



Wing Fore/Aft Adjustment



Wing Depth Adjustment

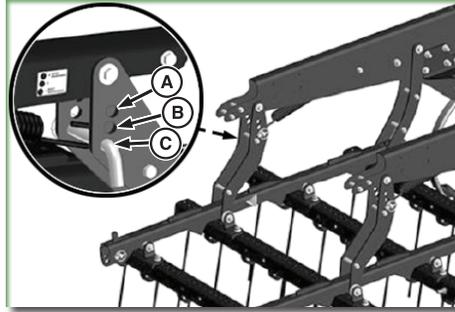


2230 Floating Hitch Field Cultivator QUICK REFERENCE GUIDE

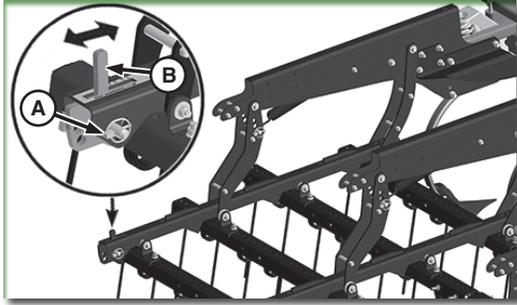
Adjust Coil Tine Spring Tension

There are 3 different settings for coil tine spring tension:

- Adjust angle of the harrow.
- Adjust the spring tension if necessary.
- Remove pin (C), adjust spring tension to desired position, and reinstall pin.
- Light Tension Position (A) is least aggressive.
- Medium Tension Position (B) is medium aggressive.
- High Tension Position Shown With Pin (C) is most aggressive.
- Repeat for other drawbar locations.



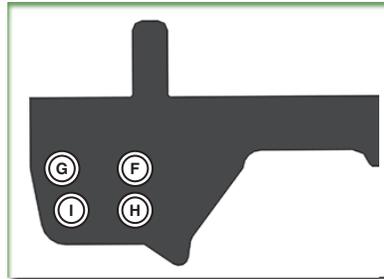
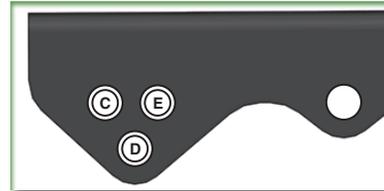
Adjust Coil Tine Angle



IMPORTANT: Make harrow tine angle adjustments with the machine raised.

1. Remove pin (A), slide lever (B) to desired position, and reinstall pin.
2. Repeat for other drawbar locations.

NOTE: Use less aggressive settings for better residue flow. See table for adjusting the harrow angle. Coil tine angle is most aggressive in position 1 and least aggressive in position 5.



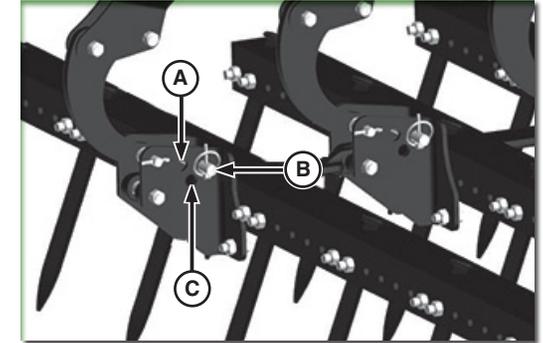
Coil Tine Angle	Attachment Plate Hole Position	Lift Bar Hole Position
1	D	I
2	C	G
3	E	F
4	D	H
5	C	F

Adjust Harrow Spike Angle

IMPORTANT: Adjusting the spike angle controls harrow aggressiveness and residue flow capability. Spike angle should be adjusted per field conditions for the best combined performance of residue flow and field leveling.

NOTE: Use less aggressive settings for better residue flow.

1. Adjust spike angle by raising the machine and moving the pin to the desired position: (A) is least aggressive, (B) medium aggressive, and (C) most aggressive.
2. Repeat for other drawbar locations.

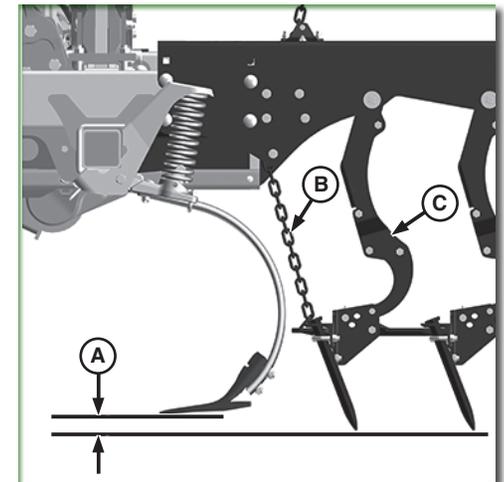


Adjust Harrow Height and Draft

IMPORTANT: Before adjusting any harrow, be sure the fore/aft and side-to-side adjustments on the machine have been completed.

NOTE: Harrow height is preset.

- Once desired working depth is set, spikes are 51—101 mm (2—4 in) (A) lower than sweeps when swept to working spike angle position.
- Set chain (B) for the desired harrow draft and adjust so that hang chains or linkages (C) are not under load at operating depth and speed.
- Repeat for other drawbar locations.



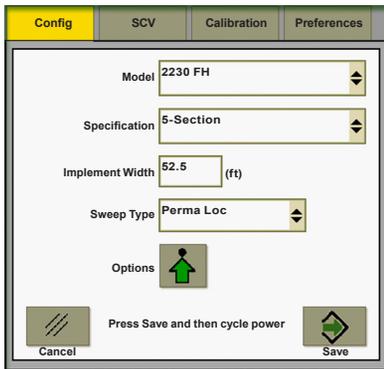
TruSet™ - 2230 Floating Hitch Field Cultivator QUICK REFERENCE GUIDE

Setup

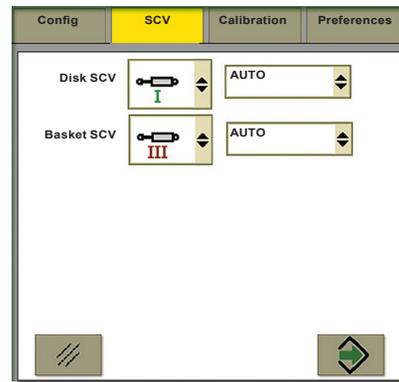
Configuration and SCV Settings

Verify that machine tool is set up properly and SCV functions are assigned correctly.

Config



SCV



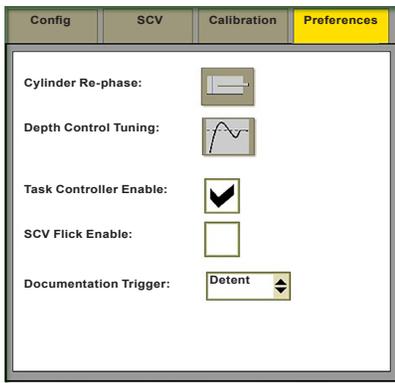
Operations Button

Select to enable or disable specific options for your machine.

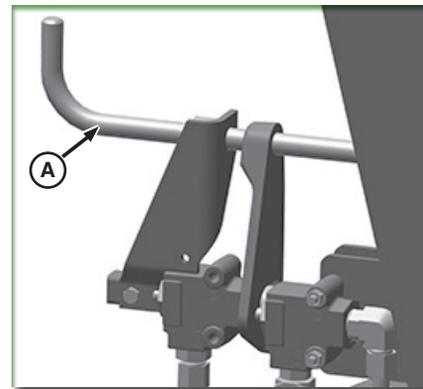


Preferences

Select each feature to setup preferences.



- Cylinder Re-phase
- Depth Control Tuning
- Task Controller Enable
- SCV Flick Enable
- Documentation Trigger



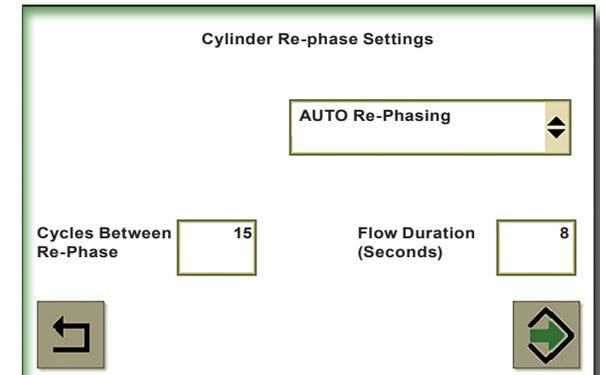
Disengage Single Pt Depth Control

Verify that single point depth control is disengaged to allow TruSet™ depth control system to function properly. Rotate the crank (A) fully clockwise.

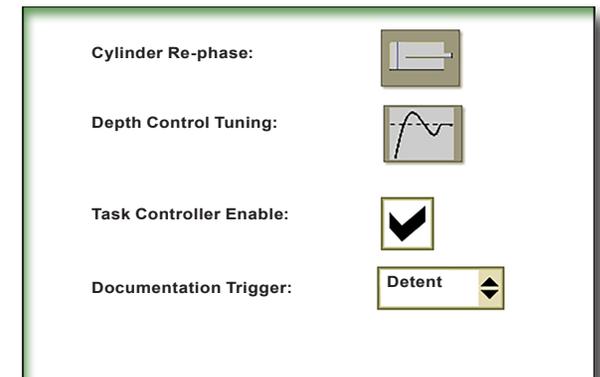
Cylinder Re-phasing

To keep cylinders and machine level throughout the day, select a re-phasing option.

- Auto re-phase will automatically fully raise machine on an up-detent when the number of cycles is reached.



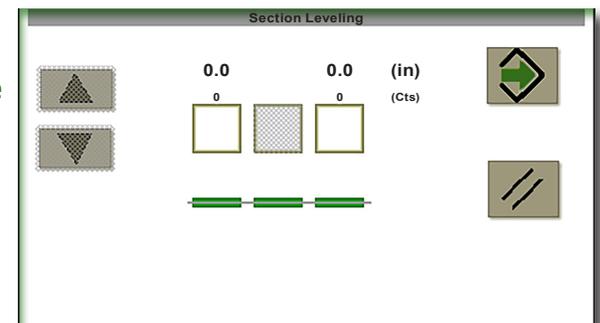
- Re-phase reminder displays a reminder to re-phase cylinders once the number of cycles is reached.



Section Leveling (Machines with Side-to-Side Option Only)

NOTE: This replaces Auto Cylinder re-phasing.

- Adjust depth of individual sections.
- Select wing section check box and use the increment up/down arrows.



NOTE: When TruSet™ is setup for 2230 Side to side cylinder rephrasing doesn't show up.

TruSet™ - 2230 Floating Hitch Field Cultivator QUICK REFERENCE GUIDE

Operation Setup

Increment Adjust –
Up
Down

Depth Setpoints –
Upper Setpoint

Adjust Display Depth –
Softkey

Rx
Enable
Offset

Adjust Actual Depth
-0.3 in

Increment Adjust
Up 0.5 in
Down 0.5 in

Depth Setpoints
Upper Setpoint -7 in

Adjust Actual Depth
-0.3 in

Rx
Enable Off
Offset 0.0 in

Recommended Settings	
Shank Depth	3 in
Rolling Basket Pressure	350 psi
Raise/Lower Speed	2/2

NOTE: Use recommended settings for initial values. Adjust as needed based on operator preference and field conditions.

Static TruSet™ Test

1. Hold SCV for depth control in DETENT.
2. Verify that TruSet™ boxes go green.
3. Make incremental changes to verify machine adjusts for shank depth and basket pressure.

General Operation

- Detenting equipment depth SCV lever downward engages TruSet™ AUTO mode.
- Adjust Machine depth using one of the following methods.

1. Manual Adjustment.
2. Incremental Adjust Arrows.
3. Preset values.
4. Enter desired setpoint.

Presets – Softkey

NOTE: Press and hold to define the Preset.

Presets	
M1	Preset 1
M2	Preset 2
M3	Preset 3
M4	Preset 4

Operational Settings –

Access a Setup Page for each of the operations.

Settings	Disk	Basket
Run	0.5	800
Disk	▲	▲
Basket	▼	▼
	3.2 in	50 psi

Section Settings –

Basket

Section fully raised position

Current position

Current up-down detent positions

Section full down position

Section actual position

Scroll Arrow – Advance to next operation

Next Page

Raise

0

800

900

211 psi