ORIGINAL INSTRUCTIONS

OPERATOR'S MANUAL

P2070

Precision Air Hoe Drill

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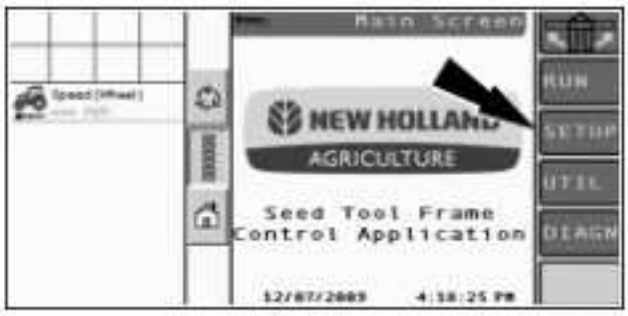
Yearly

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Work switch setup

1. Select "SETUP" from the "Main Screen".



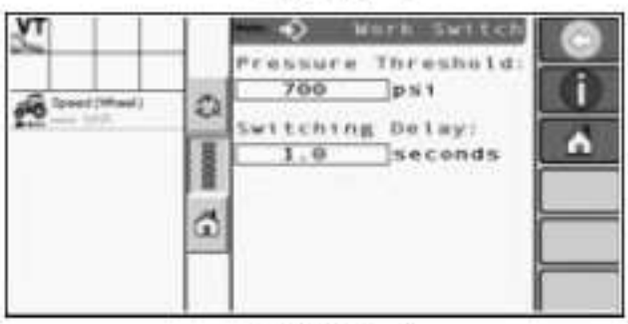
1

2. Select "WK SW".



2

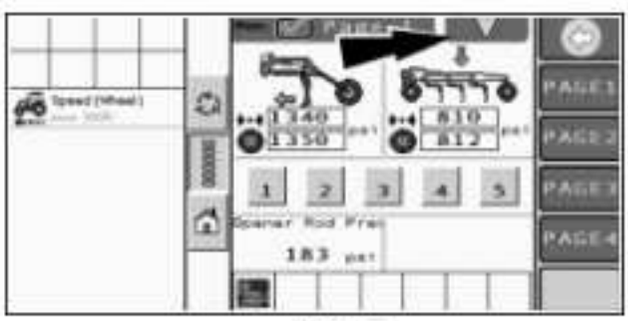
The work switch state setups are shown. The work switch state screen is used for configuration and fine-tuning of the work switch state detection.
"Pressure Threshold:" The threshold that the opener rod end pressure must rise above or fall below to cause the work switch state to change from not seeding (out-of-ground) to seeding (in-ground).
"Pressure Latency:" The length of time for which the opener rod-end pressure must be above or below the pressure threshold to cause the work stage to change. i.e., in-ground or out-of-ground.



3

A lower pressure threshold increases the work switch responsiveness.
A recommended threshold pressure is between **400 - 800 psi**.
A threshold pressure that is too low may cause the work switch state to report out-of-ground during seeding. If the threshold is set too high, this may delay the work switch state change to out-of-ground.

On the RUN screen the work switch indicator shows whether or not the seeding tool is in the ground. Down indicates seeding, the arrow pointing up indicates out of ground.



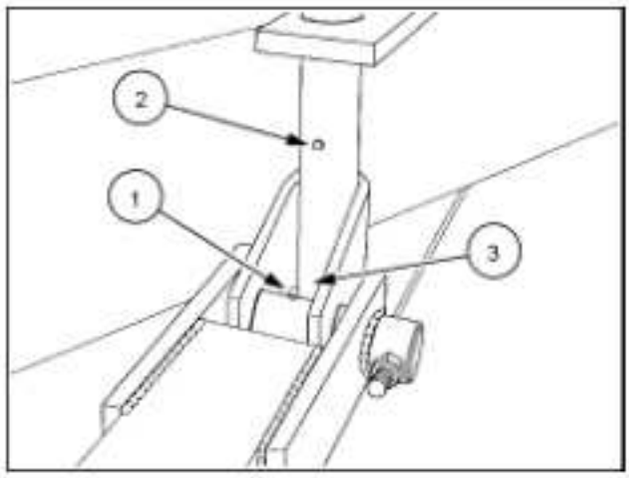
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Every 50 hours

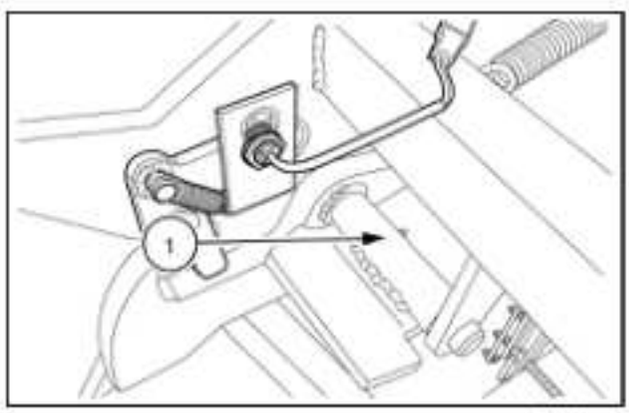
Draw tube knuckle

1. Grease the left and right side draw tube knuckles. Use **NEW HOLLAND AMBRA GR-9 MULTI-PURPOSE GREASE**. There are three grease locations **(1)**, **(2)**, **(3)** per knuckle.



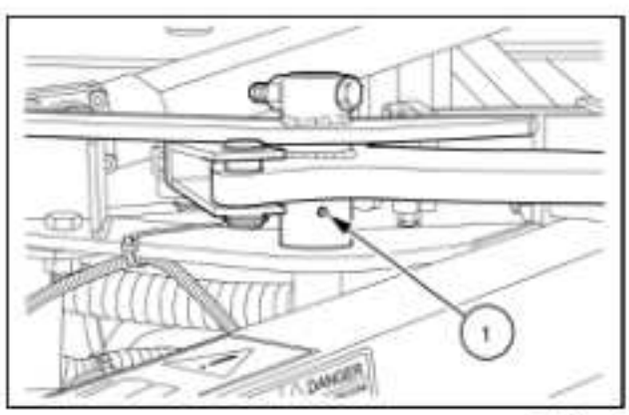
Boom transport hook latches

1. Grease the left and right boom transport hook latch **(1)**. Use **NEW HOLLAND AMBRA GR-9 MULTI-PURPOSE GREASE**.



Draw tube hooks

1. Grease the right and left draw tube hook **(1)**. Use **NEW HOLLAND AMBRA GR-9 MULTI-PURPOSE GREASE**.



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Air drill dimensions

Metric dimensions (meters)

	25.4 cm Spacing		30 cm Spacing	
BASE MACHINE	# of Openers	Width of Cut	# of Oeners	Width of Cut
15.3 m	60	15.3 m	50	15.3 m
18.3 m	72	18.3 m	60	18.3 m
21.3 m	84	21.3 m	70	21.3 m

BASE MACHINE	Transport Height (1)	Transport Width (2)	Air Drill Length (3) *
15.3 m	5.03 m	5.60 m	12.2 m
18.3 m	5.03 m	5.60 m	13.7 m
21.3 m	5.03 m	5.60 m	15.1 m

*Length is the machine length without any field hitches in transport position.

Imperial dimensions (feet)

	10 in Spacing		12 in Spacing	
BASE MACHINE	# of Openers	Width of Cut	# of Openers	Width of Cut
50 ft	60	50 ft	50	50 ft
60 ft	72	60 ft	60	60 ft
70 ft	84	70 ft	70	70 ft

BASE MACHINE	Transport Height (1)	Transport Width (2)	Air Drill Length (3) *
50 ft	16 ft 6 in	18 ft 4 in	40 ft 2 in
60 ft	16 ft 6 in	18 ft 4 in	45 ft 1 in
70 ft	16 ft 6 in	18 ft 4 in	49 ft 5 in

*Length is the machine length without any field hitches in transport position.

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Frame control if a frame position sensor fails

At any time, if you lose connection a frame position sensor, a red fault screen will be displayed.



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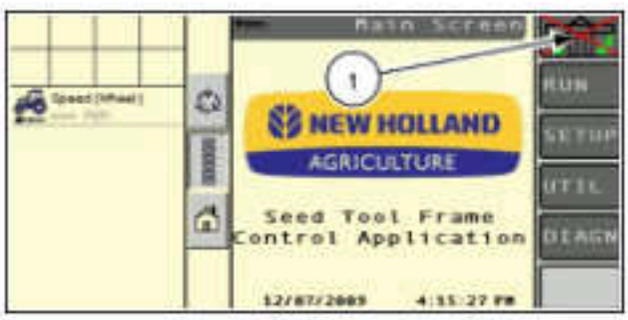
If one, or more than one, frame position sensor experiences a fault during the fold/unfold sequence or when powering up with the seed tool frame in transition, you will receive the Frame Transition with Frame Monitor Malfunction alarm.
Acknowledge the alarm.



2058905 2

NOTICE: *DO NOT move the drill if it is in field position. You MUST use manual frame control to energize the valve solenoids for field operation. If you do not, the cylinders will not be allowed to trade oil and machine damage WILL result.*

The "Main Screen" will be shown with the indication that the frame fold control is disabled **(1)**.
This will be indicated by a red **(X)** over the fold direction icon.



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1. Press the frame control disabled key to show an Info pop-up.
2. Press "OK" to return to the main screen.



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3. Press "UTIL" from the "Main Screen".

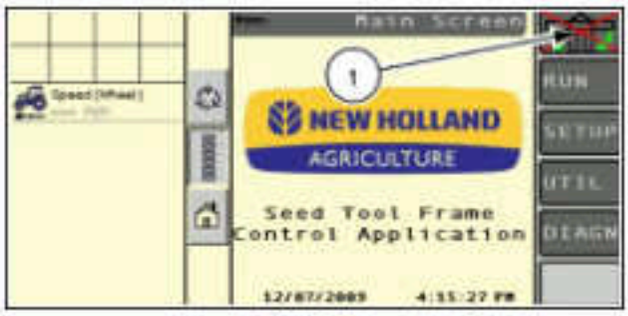


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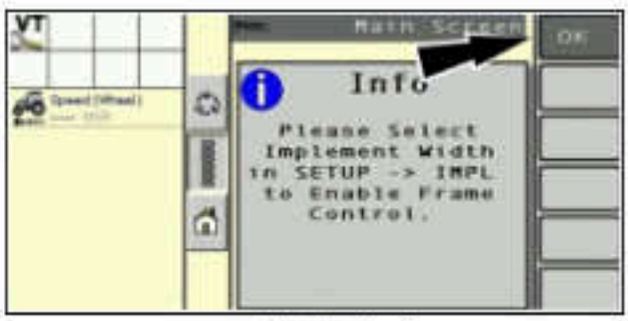
First use

The first time you start the frame control application the frame fold will be disabled **(1)** because the implement configuration needs to be set. This will be indicated by a red X over the frame fold initiation key.



1

1. Press the frame fold initiation key to access the implement width setup option.



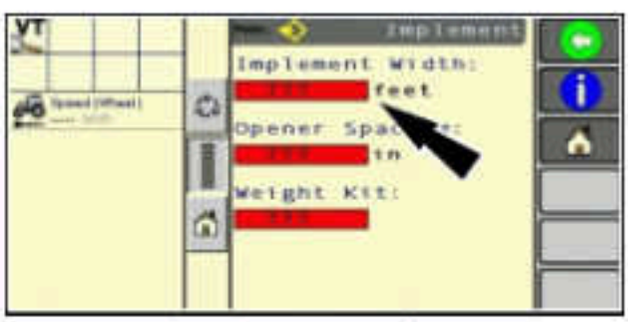
2

2. Press" IMPL".

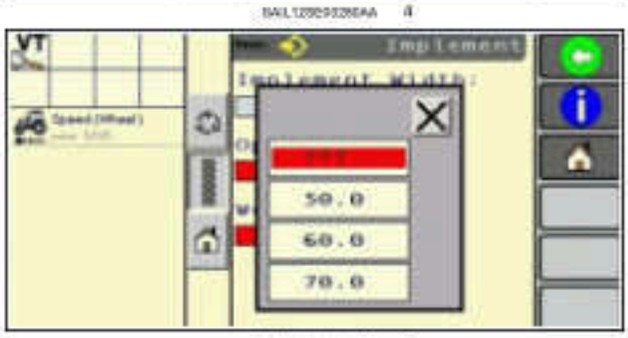


3

3. Enter the seeding tool width, opener spacing, and weigh kit option by selecting the boxes and picking the appropriate values from the drop down list. The units displayed are the units that have been selected on the VT.



4



5

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