

**AFS® Pro I200**  
**AFS AccuSync™**

**SOFTWARE OPERATING GUIDE**

**Part number 91710525**

2<sup>nd</sup> edition English

July 2022





# SOFTWARE OPERATING GUIDE

**AFS® Pro 1200**  
**AFS AccuSync™**

**Part number 91710525**  
2<sup>nd</sup> edition English  
July 2022



# Contents

---

## 1 OPERATION

### AFS ACCUSYNC: IN-FIELD DATA SHARING

Introduction .....	1-1
Setup .....	1-3
Feature activation .....	1-3
"AccuSync Settings" screen .....	1-4
Enable the AccuSync feature .....	1-4
Change boundary import setting .....	1-4
Change swath or boundary export settings .....	1-5
User-Defined Windows (UDW) .....	1-6
Operation .....	1-8
Status icons .....	1-8
Create a new job .....	1-9
View job list .....	1-11
Filter the job list .....	1-11
Join a job .....	1-12
Share swaths and boundaries with a job .....	1-13
Leave a job .....	1-13
Rejoin job after power cycle .....	1-13
Share swaths and boundaries with the current job .....	1-14
Adding swaths and boundaries to a new job .....	1-14
Adding boundaries to an existing job .....	1-14
Adding boundaries – New or current job .....	1-15
Adding swaths – New or current job .....	1-16
Newly-created boundaries .....	1-17
Newly-created swaths .....	1-17
New boundary/swath notification .....	1-17
Select a shared swath .....	1-18
Select a shared boundary .....	1-18
View shared coverage map .....	1-19
Troubleshooting .....	1-19
View job and cloud connection status .....	1-19
AFS AccuSync fault code index .....	1-22

---

# 1 - OPERATION

## AFS ACCUSYNC: IN-FIELD DATA SHARING

### Introduction

The AFS AccuSync feature allows multiple vehicles that are working in the same field to share information. The AFS AccuSync feature introduces the concept of a “job”, which contains information about what work is going to be done, and where the work should be done.

All vehicles that join the same job can share information with each other. Shared information can include:

- Grower, farm, and field data
- Straight (A-B) and heading swaths

**NOTE:** Each job supports a maximum of 2000 swaths.

- Inner and outer boundaries

**NOTE:** Each job supports a maximum of 50 boundaries.

- Real-time coverage maps that represent areas in which work has been completed in the field

As work is performed in the field, each vehicle uses its own coverage map as well as the coverage map generated by other vehicles in the job to control overlap at previously applied areas.

The AFS AccuSync feature uses the cellular connection of the on-board modem to transfer data to the AFS Connect portal and the The AFS AccuSync cloud for the active job.

### Requirements

At the time of publish, using the AFS AccuSync feature requires that:

- The vehicle is equipped with the **AFS® Pro 1200** or **AFS® Pro 700** display

**NOTE:** This manual only covers AFS AccuSync operation with the **AFS® Pro 1200** display. Refer to the latest **AFS® Pro 700** display software operating guide for AFS AccuSync operation with the **AFS® Pro 700** display.

- The vehicle supports the AFS Connect Advanced telematics subscription.

### CASE IH supported vehicles

Vehicle	Supported Models
Large Tractor	<b>Magnum™AFS Connect™</b> , <b>Steiger®AFS Connect™</b> , and <b>Optum®AFS Connect™</b> series

### CASE IH supported implements

Implement	Supported Models
Planter	<b>Early Riser®</b> 2100 series (ISOBUS communication only with the <b>AFS® Pro 1200</b> display)
Seeders	<b>Precision Disk™</b> Air Drill
	5 series <b>Precision Air™</b> Air Cart (ISOBUS communication only)
Tillage	<b>AFS Soil Command™</b> implements

**NOTE:** Any other ISOBUS-compliant implement not listed above may still function with the AFS AccuSync, although it may not be officially supported by CASE IH.

Vehicles that use the AFS AccuSync feature require:

- An **AFS® Pro 1200** display with the full software suite associated with software version 3.2.0.0 or above\*
- AFS Connect Advanced telematics subscription and the AFS AccuSync subscription

**NOTE:** Up to three power cycles may be required to activate the subscription in the PCM after it is sent over-the-air.

- Customer account setup with MyCaseIH with all vehicles that will be participating in the jobs.

**NOTE:** \* On software versions before 3.2.0.0, the display must have the AFS AccuSync feature activation.

**NOTE:** The maximum number of vehicles supported in a Job is six. If more than six vehicles are active in a Job, the system may not operate effectively and other technical issues may surface.

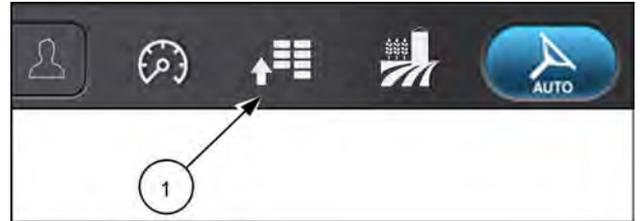
## Setup

### Feature activation

On software version before 3.2.0.0, you must activate the AFS AccuSync feature in your display before you can use the features of this application. Contact your CASE IH dealer to purchase the AFS AccuSync activation for your display.

To activate the AFS AccuSync feature using an activation code, first contact your CASE IH dealer for the necessary activation code.

Press the button **(1)** on the top bar to navigate to the “Menu” screen. Press the “Settings” tab, if necessary.



RAIL19PLM0121AA 1

Press the “Activations” button to access the “Activations” setup card.

The “Activations” setup card allows you to:

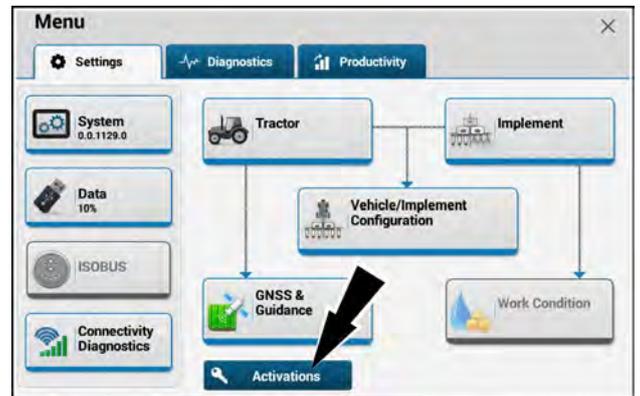
- Add new activation codes to unlock features
- Manage existing activation codes



NHIL18PLM0159AA 2

Once you obtain the activation code, press the “Activations” button on the “Setup” menu.

The “Activations” screen opens.

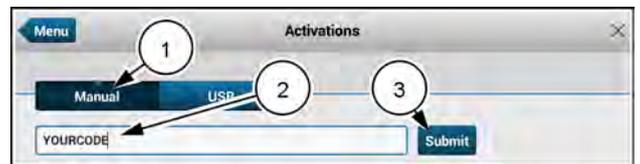


NHIL19PLM0499AA 3

If needed, press the “Manual” button **(1)**.

Enter the activation code into the “Code” field **(2)**.

Press the “Submit” button **(3)**.

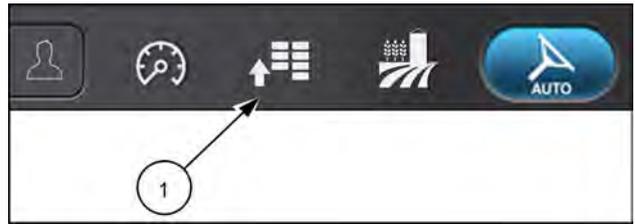


RAIL19PLM0201AA 4

An activation popup opens. Acknowledge the activation.

## "AccuSync Settings" screen

Press the button (1) on the top bar to open the "Menu" screen. Press the "Settings" tab, if necessary.



RAIL19PLM0121AA 1

Press the appropriate button to access the "Connectivity" card.



NHIL20PLM1547AA 2

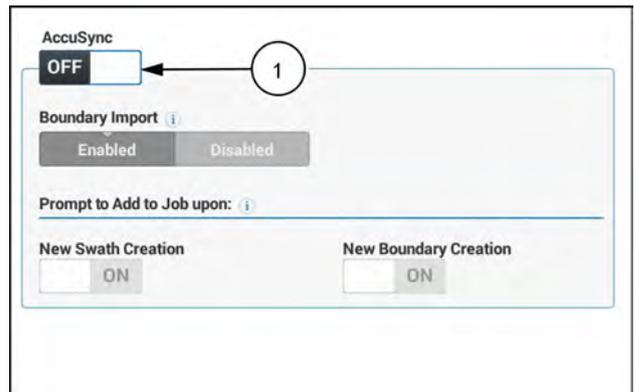


The "AccuSync Settings" screen appears by default. If the "Antennas" screen shows, then press the "AccuSync Setup" tab on the right-hand pane.

**NOTE:** The "AccuSync Settings" tab will be unavailable if the AccuSync subscription is inactive.

## Enable the AccuSync feature

Press the button (1) to toggle the AccuSync feature ON or OFF. When the AccuSync feature is OFF, the available settings are not active.



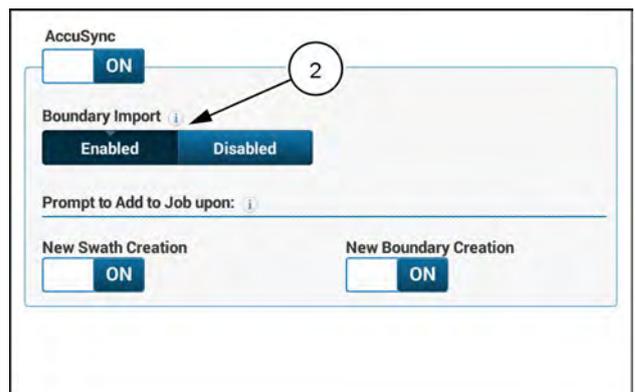
NHIL20PLM1704AA 3

## Change boundary import setting

The "Boundary Import" option (2) allows you to import boundaries from the job that you join.

If the option is set to "Disabled", you will not download any boundaries from any joined jobs.

If the option is set to "Enabled", the system will automatically import new boundaries that are not already synchronized with the job. At the time of import, a toast message appears on the map that informs you that new swaths and/or boundaries are available for selection.



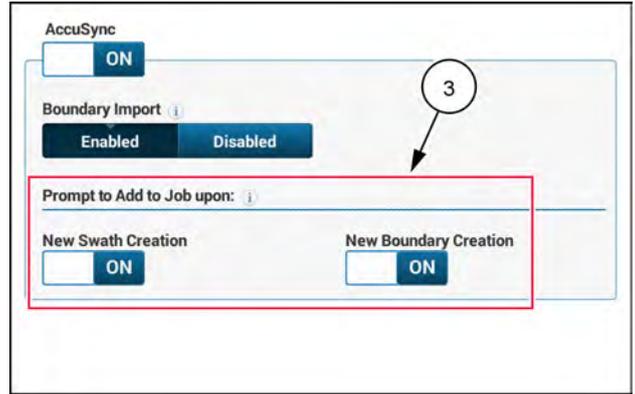
NHIL20PLM1705AA 4

### Change swath or boundary export settings

Use the buttons under the “Prompt to Add to Job upon:” section **(3)** to control whether newly created swaths or boundaries are shared with other vehicles in the job.

If the options are set to “ON”, then a notification will be given to allow the operator to add the newly created boundary or swath to the job once the boundary is created.

If the options are set to “OFF”, then no notification will be given. It is still possible to share swaths and boundaries manually from the “AccuSync” section of the “Operations” screen.



NHIL20PLM1705AA 5

## User-Defined Windows (UDW)

The AFS AccuSync window is available to monitor the AFS AccuSync status from your desired run screen layout.

**NOTE:** The AFS AccuSync window can also be added to the Left-Hand Area (LHA) on vehicles that allow you to customize the LHA.

To add the AFS AccuSync window:

Long press the tab on the bottom of the screen for your desired run screen.

Press the “Yes” button to entire “Edit Screen Layout” mode.

Press an available box (1) on the run screen layout.

**NOTE:** If you are editing the default run screen layout, then you must accept the prompt to create a duplicate run screen layout.



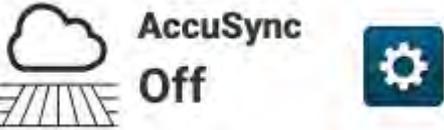
NHIL20PLM1519AA 1

Select the “AccuSync” option (2) under the “Precision Farming” category.

Press the “X” button in the lower right-hand corner to exit the “Edit Screen Layout” mode.



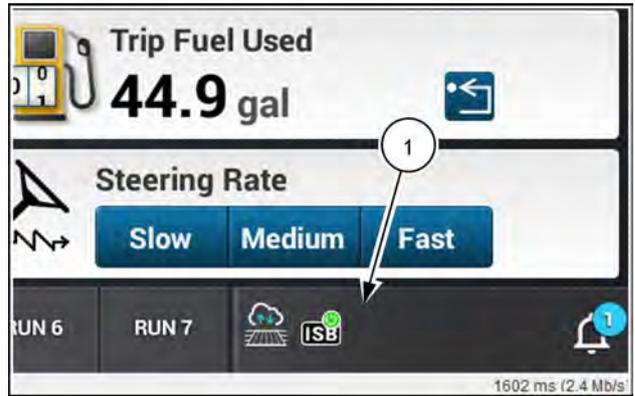
NHIL20PLM1706AA 2

AFS AccuSync status window	Description
 <p><b>AccuSync</b> No Job Offline</p>	<p>The AFS AccuSync feature is offline. Cloud connection status is unavailable.</p>
 <p><b>AccuSync</b> Off</p>	<p>The AFS AccuSync feature is turned off. Press the gear button to access the “AFS AccuSync Settings” screen and enable the feature.</p>
 <p><b>AccuSync</b> No Job No Subscription</p>	<p>The AFS AccuSync feature is expired.</p>
 <p><b>AccuSync</b> 10:10:19-09:09:00 New Item(s) Available</p>	<p>While participating in a job, new swaths and/or boundaries were added and imported successfully. The status changes back to “In Job” after fifteen seconds.</p>
 <p><b>AccuSync</b> Joining Job Downloading Data</p>	<p>You are joining a job.</p>
 <p><b>AccuSync</b> No Job Recording</p>	<p>The vehicle is in work, however no job has been selected. Data is not being shared with other vehicles. The status changes when you join a job.</p> <p><b>NOTE:</b> Even though the system is logging data while in work, no coverage points will be shared if you are not participating in a job.</p>
 <p><b>AccuSync</b> 10:10:19-09:09:00 Lost Cloud Connection</p>	<p>The AFS AccuSync feature has lost connection with the cloud while participating in a job. The status changes to “In Job” once the feature is connected to the cloud.</p> <p><b>NOTE:</b> Coverage points logged during the period of lost connection will be shared with other participants in the job when the connection is restored.</p>
 <p><b>AccuSync</b> 10:10:19-09:09:00 In Job</p>	<p>AFS AccuSync feature is online and you are participating in a job.</p>
 <p><b>AccuSync</b> No Job Online</p>	<p>The AFS AccuSync feature is online, but you are not currently in a job.</p>
 <p><b>AccuSync</b> No Job Connecting to Cloud</p>	<p>The AFS AccuSync feature has lost connection with the cloud while not participating in a job. The status changes to “Online” once the feature is connected to the cloud.</p>

## Operation

### Status icons

When the AFS AccuSync feature is enabled, one of the following icons displays in the notification area (1) on the bottom bar to indicate the current status of the feature. Press the notification area to expand the notification panel.



1602 ms (2.4 Mb/s)  
NHIL20PLM1593AA 1

Status icon	Description
	Valid subscription not found. You must have the AFS Connect Advanced telematics subscription and the AFS AccuSync subscription to operate with the AccuSync feature.
	The AFS AccuSync feature is offline. Cloud connection status is unavailable.
	The AFS AccuSync feature is enabled, but not yet connected to the AFS AccuSync cloud.
	You are connected to the AFS AccuSync cloud, but not currently participating in a job.
	You are currently participating in a job with AFS AccuSync.
	Your vehicle is currently in work, but no job has been selected. Data is not being shared with the job.
	The display is in the process of creating a job, and is uploading data to the job.
	You are currently joining a job. Please wait for all job data to be downloaded before proceeding.
	New swaths and/or boundaries have been added to your job.

## Create a new job



Job creation is performed on the “Operations” screen. Press the “Operations” button (1) on the top bar.

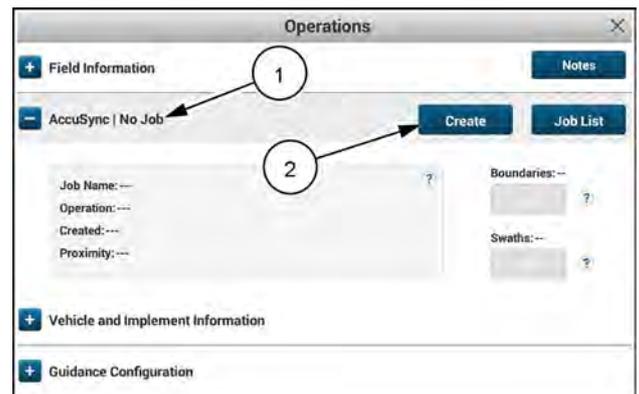
Before creating a job:

- Make sure that the implement is detected in the display.
- Select your desired grower, farm, field, and task from the “Field Information” section of the “Operations” screen.
- If the implement has a seed, bulk seed, or plant controller, make sure that the crop type selection is set according to the work to be performed in the field.

Swipe down and expand the “AccuSync” section (1) of the “Operations” screen.

Press the “Create” button (2).

**NOTE:** You cannot create a job if the vehicle is in work or if you are already participating in a job.



NHIL20PLM1729AA 1

On the “Create Job” pop-up window, the job name (1) automatically populates with the current date and time. Press the field to customize the job name, if desired.

The grower, farm, and field (2) that is currently selected on the “Operations” screen is shown. This is the grower, farm, and field that will be associated with the job that you create.

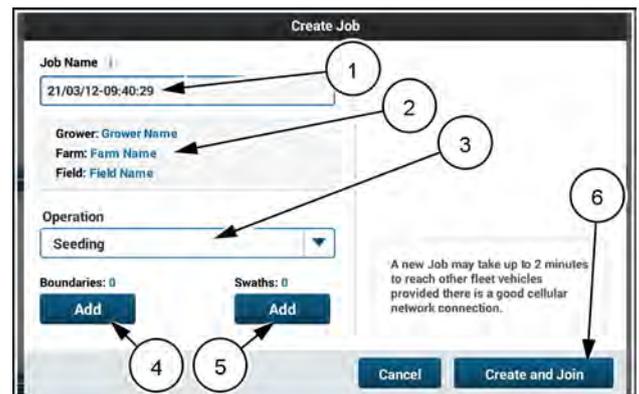
The operation (3) is shown, which may have been auto-populated based on the detected implement. If needed, press the drop-down menu and select the appropriate operation.

Before you create the job, you can export field boundaries or swaths to the job that are currently stored on the display.

- Press the “Add” button (4) under “Boundaries:” to add existing boundaries to the job.
- Press the “Add” button (5) under “Swaths:” to add existing swaths to the job.

For more information on adding swaths and boundaries, see “Share swaths and boundaries with the current job” (1-14).

Press the “Create and Join” button (6) to create and join the new job.

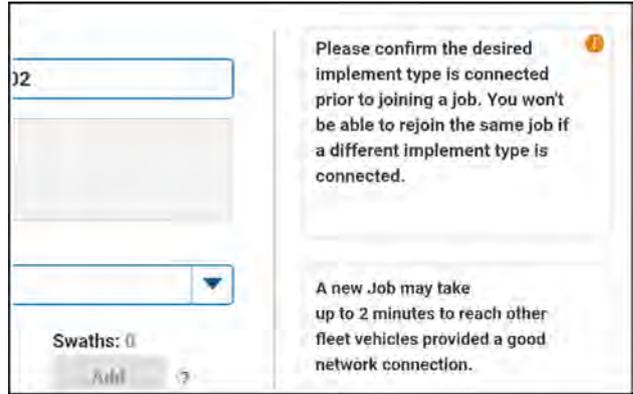


NHIL20PLM1549AA 2

If you attempt to create a job with no active implement setup in the display, then the warning message is displayed.

“Please confirm the desired implement type is connected prior to joining a job. You won’t be able to rejoin the same job if a different implement type is connected.”

While the condition does not prevent you from creating a job, you will not be able to rejoin the same job if you perform work in the job with the current operation, but change implements at a later time.



NHIL20PLM1767AA 3

### Job location

The job location will be used to filter the job by proximity when you or others select the job to join.

The system automatically uses the field origin to determine job location. The field origin is set when you create a guidance line, boundary, landmark, or coverage point, as well as when you import a prescription, swath, boundary, landmark, or coverage map layer.

**NOTE:** *The job location can be set by any vehicle that participates in the job.*

If no field origin exists, but the vehicle is reporting a current GPS location, then the display prompts you to use the vehicle GPS location as the job location.

Press the “YES” button (1) to use the current vehicle location as the job location.

Press the “NO” button (2) to continue without setting job location. The job location is then determined as soon as a valid field origin is set by any vehicle that is participating in the job.

**NOTE:** *The system will not update the job location after it is set.*



NHIL20PLM1557AA 4

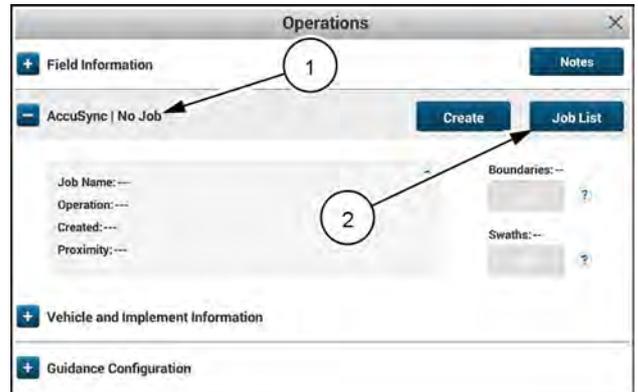
## View job list



Join a current job from the “Operations” screen. Press the “Operations” button on the top bar.

Swipe down and expand the “AccuSync” section (1) of the “Operations” screen.

Press the “Job List” button (2).



NHIL20PLM1729AA 1

## Filter the job list

On the “Job List” pop-up window, use the grower, farm, field, and operation selections (1) to filter the list of available jobs that exist in the AFS AccuSync cloud.

- Change the “Grower” selection from “All” to one of your listed growers to activate the “Farm” filter for all of the farms within your selected grower.
- Change the “Farm” selection from “All” to one of your listed farms to activate the “Field” filter for all of the fields within your selected farm.
- Change the “Operation” selection from “All” to one of the listed operations to activate the “Operations” filter.

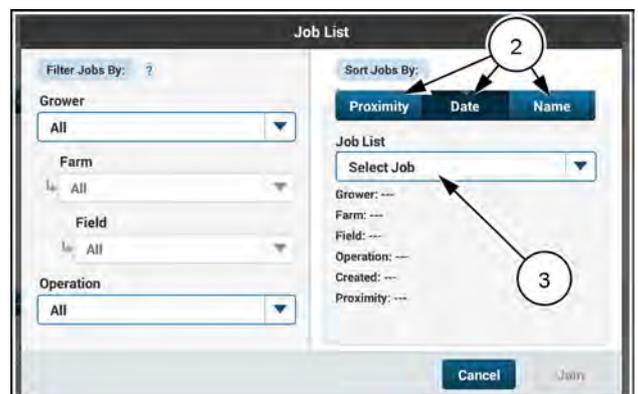
Use the buttons (2) to organize the list of available jobs. The job list can be sorted by:

- Date – The job list will be sorted with the most recently created job at the top of the list.
- Job name – The job list will be sorted alphabetically (A to Z) based on the job name.
- Proximity – The job list will be sorted based on the distance from the field, with the closest field at the top of the list. The system uses the GPS location of the field and the vehicle to determine proximity.

Once you have your filters selected, press the “Job List” drop-down menu (3) to view the list of filtered jobs.

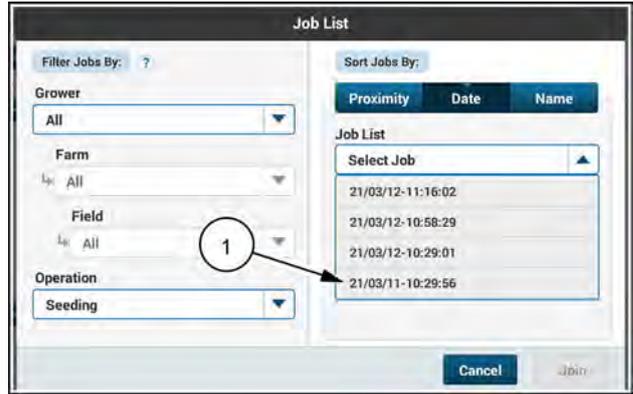


NHIL20PLM1560AA 2



NHIL20PLM1560AA 3

Select the job **(1)** that you wish to join.



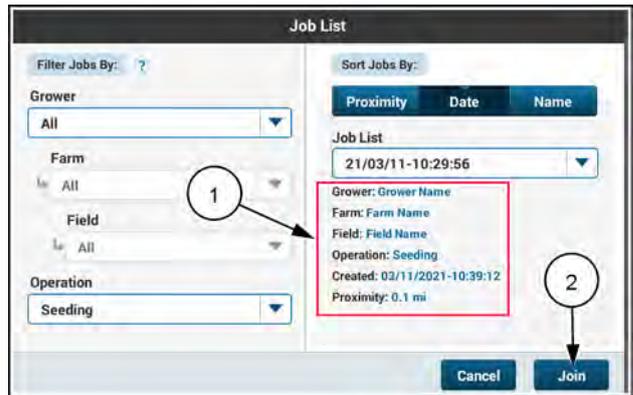
NHIL20PLM1558AA 4

Once the job is selected, the “Job List” pop-up window populates with the grower, farm, field, operation, creation date, and proximity information **(1)** to the selected job.

### Join a job

Press the “Join” button **(2)** to join the job.

**NOTE:** You cannot join a job if your vehicle is already in work, you are currently recording a swath or boundary, or guidance is engaged.



NHIL20PLM1559AA 5

If you performed work in the selected job in the past, then you must have the same operation type (and crop type, if operating with a seed, bulk seed, or plant controller) as the task stored to the job. In the case where this criteria is not met, the warning message is shown on the “Job List” screen.

“The Job has been previously joined under a different Operation Type or Crop Type. Create or Join a Job for the current active Implement or Crop Type.”

If you had joined the job previously but did not perform any work, then the operation type (and crop type, if operating with a seed, bulk seed, or plant controller) does not need to match the task stored to the job. The system allows different operation types or different primary controllers to join the same job if no work has been done. However, once work is performed by your vehicle, you must have the same implement attached if you wish to re-join the same job.



NHIL20PLM1765AA 6

If you attempt to join a job with no active implement, then the warning message is displayed.

“Please confirm the desired implement type is connected prior to joining a job. You won’t be able to rejoin the same job if a different implement type is connected.”

While the condition does not prevent you from joining the job, you will not be able to rejoin the same job if you perform work in the job, but then switch to a different implement at a later time.



NHIL20PLM1768AA 7

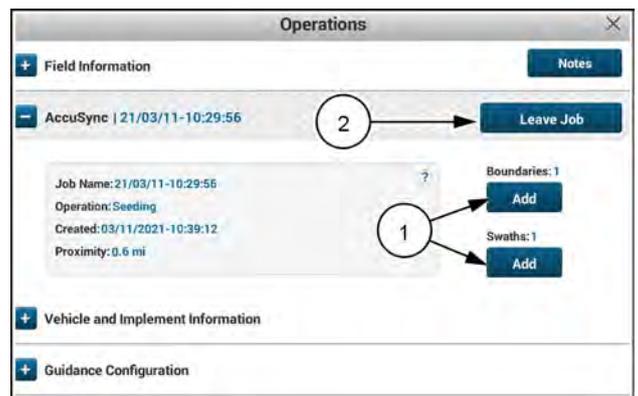
After joining the job, the job information appears on the “Operations” screen. While in the job, your coverage area will be shared with all of the other job participants while your vehicle is “in work”.

### Share swaths and boundaries with a job

It may be necessary to share locally saved boundaries and swaths that exist on your display with other participants in the job. Press the “Add” button (1) under “Boundaries” or “Swaths” to add a local boundary or swath to the job. The boundary or swath will be shared with all of the other vehicles that are participating in the job.

**NOTE:** The “Add” buttons are only active when you are participating in a job.

For more information, see “Share swaths and boundaries with the current job” (1-14).



NHIL20PLM1730AA 8

### Leave a job

If you wish to leave the job, press the “Leave Job” button (2).

### Rejoin job after power cycle

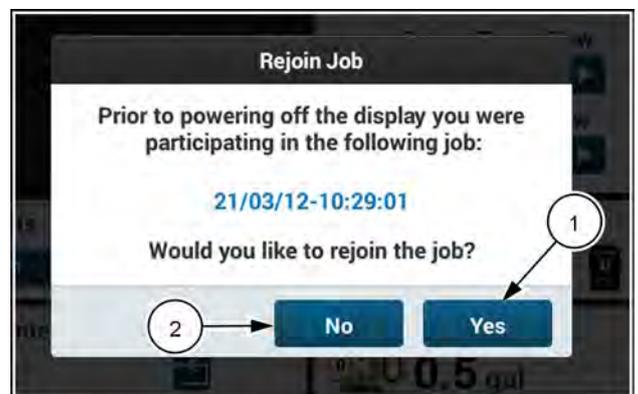
If you powered off the vehicle while participating in a job and the following criteria is met, then the pop-up message appears when you power the vehicle on again.

- The AFS AccuSync feature is online and connected to the cloud.
- An operator-created implement is setup, or an ISOBUS implement is detected and online (communicating with the vehicle).
- The active task in the display matches the task used for the last active job.

“Prior to powering off the display you were participating in the following job: <job name>. Would you like to rejoin the job?”

Press the “Yes” button (1) to rejoin the job. Press the “No” button (2) to continue without joining the job.

**NOTE:** If you elect to not join the job upon powering on the vehicle, you can still join the job from the “Operations” screen.



NHIL20PLM1553AA 9

## Share swaths and boundaries with the current job

Straight swaths (A-B lines and headings) and boundaries can be shared with the current job from the current active field:

- When the job is created. (“Operations” screen > Create)
- From the “AccuSync” section of the “Operations” screen.
- Upon new swath/boundary creation.

While you can locally edit, rename, or delete a swath or boundary on your display, the changes will not propagate to other vehicles in the job. If you locally delete a swath or boundary, the deleted item will be imported again upon rejoining the job (if the import settings for boundaries and/or swaths is enabled).

If you locally edit or rename a swath or boundary, you will not be able to add the edited item to the job. You must “save as” the item with a new name in order to add the item to the job.

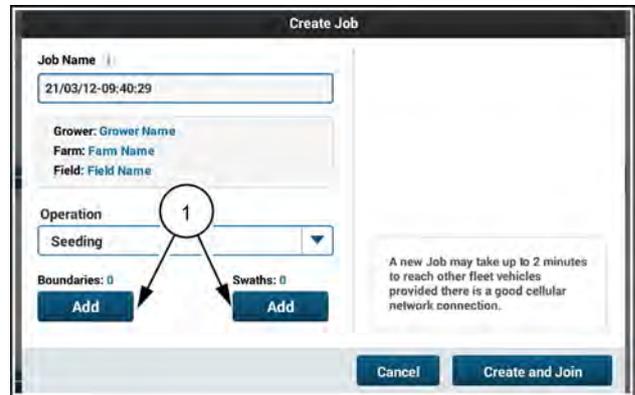


Swath and boundary sharing can be performed on the “Operations” screen for either a new job or an existing job. Press the “Operations” button (1) on the top bar.

### Adding swaths and boundaries to a new job

Initiate new job creation by pressing the “Create” button from the “AccuSync” section of the “Operations” screen. For more information, see “Create a job” (1-9).

From the “Create Job” window, use the “Add” buttons (1) to add swaths and boundaries to the new job.

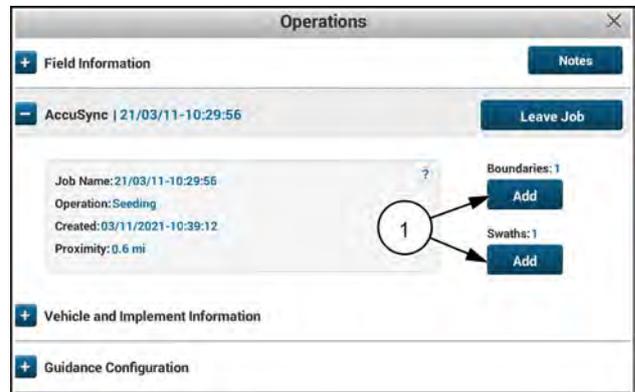


NHIL20PLM1549AA 1

### Adding boundaries to an existing job

Join a job from the “Job List” window in the “AccuSync” section of the “Operations” screen. For more information, see “View job list” (1-11).

From the “Operations” screen, use the “Add” buttons (1) to add swaths and boundaries to the current job.



NHIL20PLM1730AA 2

## Adding boundaries – New or current job

After pressing the “Add” button to add field boundaries to the job, the “Add Boundary” pop-up window appears.

Use the buttons (1) to change the way that available boundaries are shown.

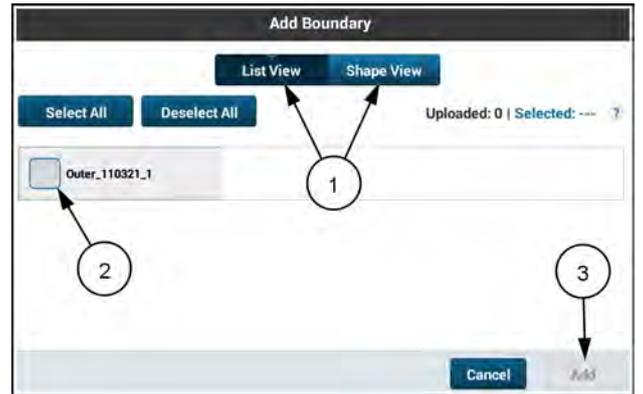
The available options are:

- List view – All available boundary names are shown. Press the check box (2) next to the boundaries that you wish to add to the new job.
- Shape view – The first boundary shape (3) is shown. Press the “Select” button (4) to select the shown boundary. If there are additional boundaries available and you wish to add more than one boundary to the job, use the “Back” and “Next” buttons (5) to view the additional boundaries and press the “Select” button on the boundaries you wish to add.

**NOTE:** You can also use the “Select All” and “Deselect all” buttons from either view to select or de-select all of the available boundaries.

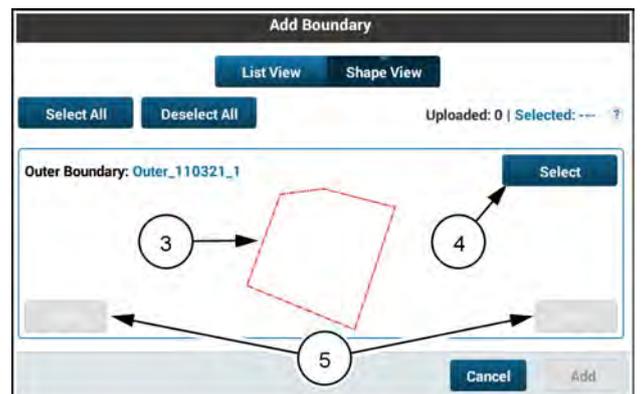
From either view, press the “Add” button to add the selected boundaries to the job.

### Boundaries: List view



NHIL20PLM1536AA 3

### Boundaries: Shape view



NHIL20PLM1537AA 4

The warning pop-up message appears: “Once boundaries have been added to a job, they cannot be deleted from the job.”

Acknowledge the warning pop-up message by pressing the “Yes” button (1) or discard adding the boundaries by pressing the “No” button (2).



NHIL20PLM1538AA 5

### Adding swaths – New or current job

After pressing the “Add” button to add swaths to the job, the “Add Swath” pop-up window appears.

Use the buttons **(1)** to change the way that available swaths are shown.

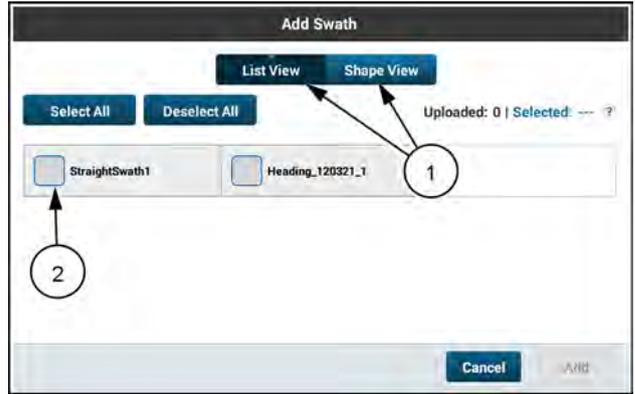
The available options are:

- List view – All available swath names are shown. Press the check box **(2)** next to the swaths that you wish to add to the new job.
- Shape view – The first swath shape **(3)** is shown. Press the “Select” button **(4)** to select the shown swath. If there are additional swaths available and you wish to add more than one swath to the job, use the “Back” and “Next” buttons **(5)** to view the additional swaths and press the “Select” button on the swaths you wish to add.

**NOTE:** You can also use the “Select All” and “Deselect all” buttons from either view to select or de-select all of the available swaths.

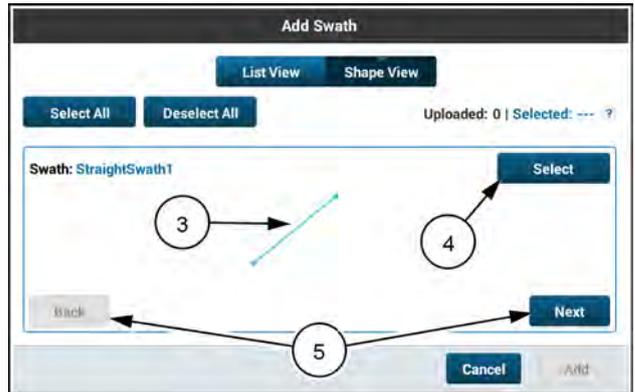
From either view, press the “Add” button to add the selected swaths to the job.

### Swaths: List view



NHIL20PLM1551AA 6

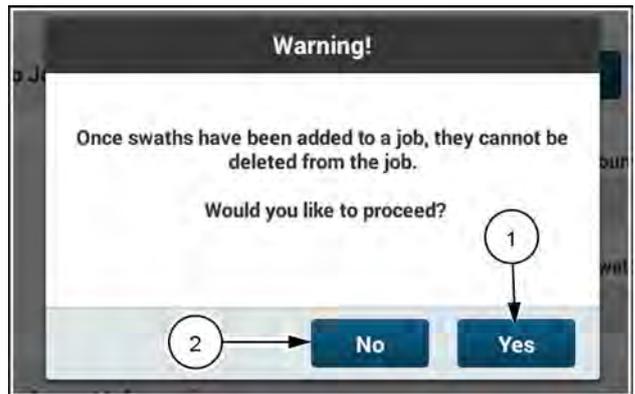
### Swaths: Shape view



NHIL20PLM1564AA 7

The warning pop-up message appears: “Once swaths have been added to a job, they cannot be deleted from the job.”

Acknowledge the warning pop-up message by pressing the “Yes” button **(1)** or discard adding the swaths by pressing the “No” button **(2)**.



NHIL20PLM1552AA 8

### Newly-created boundaries

Make sure that the “Prompt to Add to Job Upon: New Boundary Creation” setting is ON on the “AccuSync Settings” screen.

Open the 3D Map from the appropriate run screen.

Use the Boundary menu to create a new inner or outer boundary.

After boundary recording is complete, the pop-up window appears.

- Press the “Yes” button (1) to share the newly-created boundary with the current job.
- Press the “No” button (2) to keep the boundary stored only on your local display.



NHIL20PLM1777AA 9

### Newly-created swaths

Make sure that the “Prompt to Add to Job Upon: New Swath Creation” setting is ON on the “AccuSync Settings” screen.

Open the 3D Map from the appropriate run screen.

Use the Swath menu to create a new straight or heading swath.

After swath recording is complete, the pop-up window appears.

- Press the “Yes” button (1) to share the newly-created swath with the current job.
- Press the “No” button (2) to keep the swath stored only on your local display.



NHIL20PLM1778AA 10

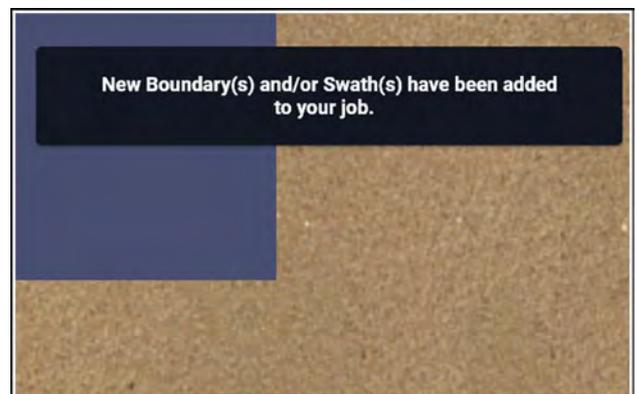
### New boundary/swath notification



The swaths and/or boundaries are then uploaded to the AFS AccuSync cloud, and sent to each of the vehicles that are participating in the job.

All vehicles in the job will receive the notification:

“New Boundary(s) and/or Swath(s) have been added to your job”.

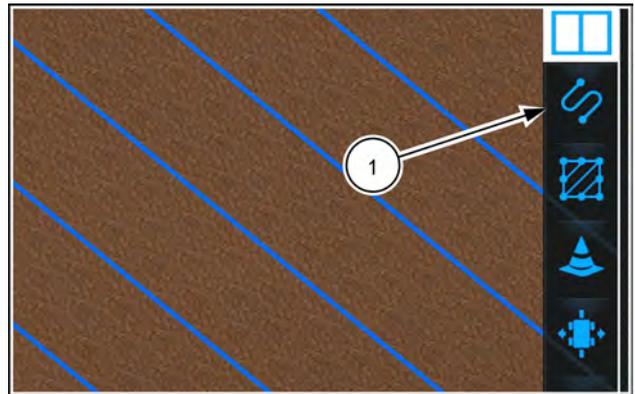


NHIL20PLM1766FA 11

### Select a shared swath

To select the new swath that was shared with the job, navigate to the run screen that contains the 3D map.

Select the “Swath” menu (1).

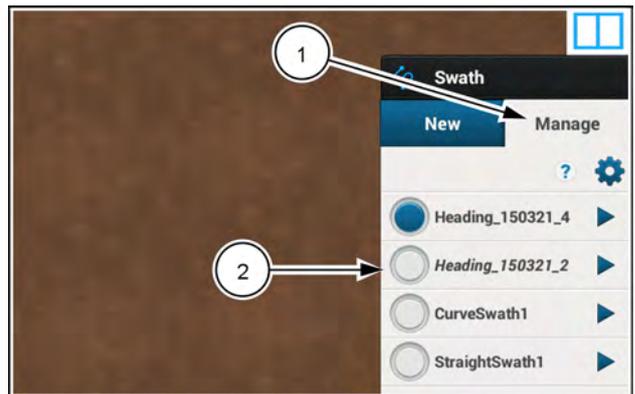


NHIL20PLM1580AA 12

Press the “Manage” tab (1).

The swaths that are shared with the job are italicized (2). Press the swath to select the swath.

**NOTE:** If there is only one swath in your current field, then the swath is automatically selected in the “Manage” tab.



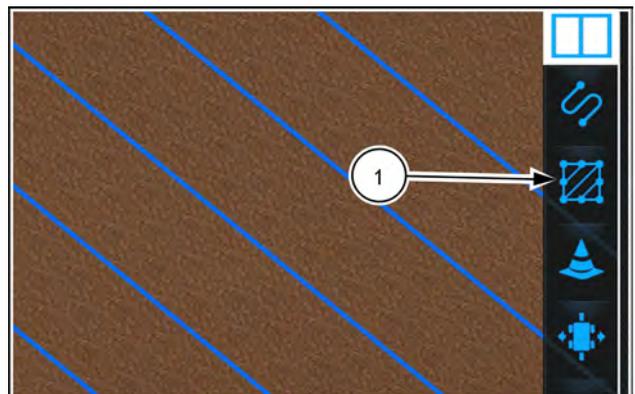
NHIL20PLM1581AA 13

### Select a shared boundary

To select the new boundary that was shared with the job, navigate to the run screen that contains the 3D map.

Select the “Boundary” menu (1).

**NOTE:** If there is only one boundary in your current field, then the boundary is automatically selected in the “Manage” tab.



NHIL20PLM1580AA 14

## View shared coverage map

When you are participating in a job with other vehicles, the coverage map displays all applied area in the field.

The coverage map of your vehicle (1) is displayed in green.

The coverage map of other vehicles (2) participating in the current job is displayed in an alternate color.

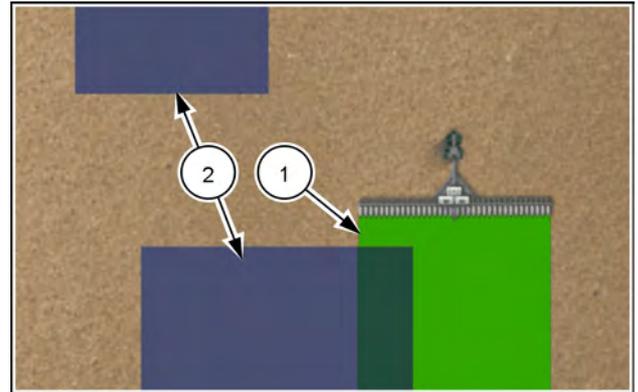
**NOTE:** Coverage that was created outside of the job cannot be added to the job once the job is created. However, if you lose connection while participating in the job, the work performed during the time of lost connection will be synchronized with the job once the connection is restored.

**NOTE:** Coverage maps generated by each vehicle are from the primary implement controller only. For example, the displayed coverage area for multiple planters operating in the current job are generated based on the coverage for the seed controller.

The combined coverage map is saved to the specific task and operation. Once you join the job, you cannot transfer the coverage map to a different task and operation.

The combined coverage map is used to determine as-applied areas when operating with overlap control on tractors and application equipment.

**NOTE:** While the shared coverage map can be viewed on the AFS Connect portal based on exported data from each vehicle, you cannot manually export the coverage data from other vehicles in the job.



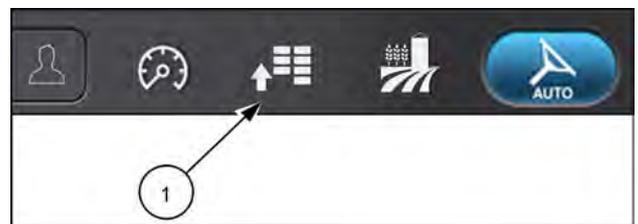
NHIL20PLM1582AA 1

## Troubleshooting

### View job and cloud connection status

Press the button (1) on the top bar to open the “Menu” screen.

Press the “Diagnostics” tab.



RAIL19PLM0121AA 1

Press the appropriate button to access the “Connectivity Diagnostics” card.



If necessary, press the “AccuSync” tab.



NHIL19PLM0610AA 2

The “AccuSync” diagnostic screen displays:

- The AFS AccuSync subscription expiration date
- The AFS Connect Advanced telematics subscription status
- The AFS AccuSync server status
- Telematics Dealer Activation Code (TDAC) number of your Processing and Connectivity Module (PCM)
- AFS AccuSync cloud synchronization status
  - “Enabled” – The vehicle is connected and exchanging data with the AFS AccuSync cloud.
  - “Disabled” – The vehicle is connected with the AFS AccuSync cloud, but not exchanging data.
- Current job details, including the job status, number of participating vehicles (including your vehicle, if you are participating in the job), and coverage points received from other vehicles in the job.

### No active job

AccuSync Subscription: Expires: 2026-03-10	AFS Connect Advanced Subscrip... Active
Cloud Status: Connected	Sync Status: Enabled
Job Status: Not in a Job	PCM TDAC Number: XXXXXXXXXXXX
Total Coverage Points Received: ---	# Vehicles in Job: ---

NHIL20PLM1732AA 3

### Participating in a job

AccuSync Subscription: Expires: 2026-03-10	AFS Connect Advanced Subscrip... Active
Cloud Status: Connected	Sync Status: Enabled
Job Status: Participating in Job	PCM TDAC Number: XXXXXXXXXXXX
Total Coverage Points Received: 1455.0	# Vehicles in Job: 2

NHIL20PLM1732AA 4

The AFS AccuSync subscription status is also shown on the “Subscriptions” screen.



If necessary, press the “Subscriptions” tab.

On the “Subscriptions” screen, the status **(1)** and expiration date **(2)** of the AFS AccuSync subscription is shown.

AFS Connect Telematics	Advanced	10/03/2026	File Transfer	Subscribed	10/03/2026
AFS AccuSync	Subscribed	10/03/2026	NTRIP	Not Subscribed	
Remote Service Tool	Subscribed	10/03/2026	Remote Display Viewing	Subscribed	10/03/2026
Firmware Over The Air	Not Subscribed				

## AFS AccuSync fault code index

Code	Description	Action
F-FS-100	AFS AccuSync Not Detected. Check the Subscription. If problem persists, please contact your dealer.	There may be a problem with the AFS AccuSync subscription. Your dealer may need to re-broadcast the subscription to the vehicle.
F-FS-102	AFS AccuSync Cloud Communication Lost. See Operator's Manual if problem continues.	There may be a problem with the cellular network. Ensure that there is adequate cellular coverage in your area. Check the connections between the display, PCM, and cellular antenna.
F-FS-107	AFS AccuSync data Error. Please try disabling and re-enabling AFS AccuSync has lost communication with cloud and is attempting to reconnect. All job data will be synced once cloud communication is back. If problem persists, please perform a key cycle.	The software has detected a possible data failure. Disable and re-enable AFS AccuSync. If this does not resolve the issue, cycle power to the vehicle. If the problem persists, see your dealer for assistance.
A-FS-108	Unable to Join Job	The job does not exist in the cloud. Try to join the job again.
A-FS-110	Unable to Create Job	The job does not exist in the cloud. Try to create the job again.
A-FS-111	Unable to Add Boundary	There was an error in attempting to share a boundary with the job. Try to share the boundary again. If the error persists, create a new boundary to share with the job.
A-FS-112	Unable to Add Swath	There was an error in attempting to share a swath with the job. Try to share the swath again. If the error persists, create a new swath to share with the job.
A-FS-115	Unable to add all Boundaries to Job	There was an error in attempting to share one of the selected boundaries with the job. Try to share the boundary again. If the error persists, create a new boundary to share with the job.
A-FS-116	Unable to add all Swaths to Job	There was an error in attempting to share one of the selected swaths with the job. Try to share the swath again. If the error persists, create a new boundary to share with the job.
F-FS-119	Reboot Warning	The registered company or device in the cloud has changed. Please perform a key cycle.
F-FS-120	AFS AccuSync Software Incompatible.	Contact your dealer to update AFS AccuSync software.
F-FS-121	Task Changed while in Job	You left the current job. The task has changed due to implement change. Please create or join a new job for the current implement operation type.

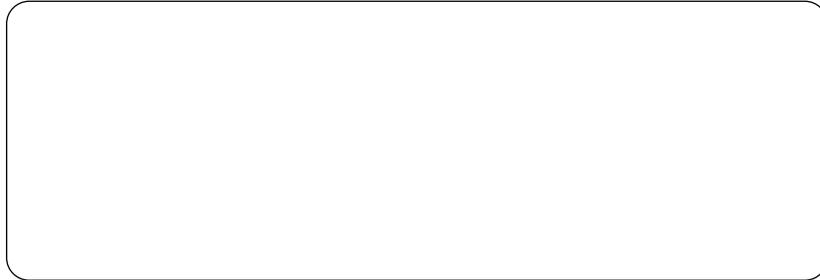
# Index

---

<b>A</b>	
"AccuSync Settings" screen . . . . .	1-4
Adding boundaries – New or current job . . . . .	1-15
Adding boundaries to an existing job . . . . .	1-14
Adding swaths and boundaries to a new job . . . . .	1-14
Adding swaths – New or current job . . . . .	1-16
AFS AccuSync fault code index. . . . .	1-22
<b>C</b>	
Change boundary import setting . . . . .	1-4
Change swath or boundary export settings . . . . .	1-5
Create a new job . . . . .	1-9
<b>E</b>	
Enable the AccuSync feature. . . . .	1-4
<b>F</b>	
Feature activation. . . . .	1-3
Filter the job list . . . . .	1-11
<b>I</b>	
Introduction . . . . .	1-1
<b>J</b>	
Join a job . . . . .	1-12
<b>L</b>	
Leave a job . . . . .	1-13
<b>N</b>	
New boundary/swath notification . . . . .	1-17
Newly-created boundaries . . . . .	1-17
Newly-created swaths . . . . .	1-17
<b>O</b>	
Operation . . . . .	1-8
<b>R</b>	
Rejoin job after power cycle . . . . .	1-13
<b>S</b>	
Select a shared boundary . . . . .	1-18
Select a shared swath. . . . .	1-18
Setup . . . . .	1-3
Share swaths and boundaries with a job . . . . .	1-13
Share swaths and boundaries with the current job. . . . .	1-14
Status icons . . . . .	1-8
<b>T</b>	
Troubleshooting . . . . .	1-19
<b>U</b>	
User-Defined Windows (UDW) . . . . .	1-6
<b>V</b>	
View job and cloud connection status . . . . .	1-19
View job list . . . . .	1-11
View shared coverage map . . . . .	1-19

---

Dealer's stamp



---

CNH Industrial America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold.

Specifications, descriptions, and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice.

Availability of some models and equipment builds varies according to the country in which the equipment is being used. For exact information about any particular product, please consult your Case IH dealer.

© 2022 CNH Industrial America LLC. All Rights Reserved.

Case IH is a trademark registered in the United States and many other countries, owned or licensed to CNH Industrial N.V., its subsidiaries or affiliates.

Any trademarks referred to herein, in association with goods and/or services of companies, other than owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates, are the property of those respective companies.





Printed in U.S.A.

© 2022 CNH Industrial America LLC. All Rights Reserved.

Case IH is a trademark registered in the United States and many other countries, owned or licensed to CNH Industrial N.V., its subsidiaries or affiliates.

Any trademarks referred to herein, in association with goods and/or services of companies, other than owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates, are the property of those respective companies.

