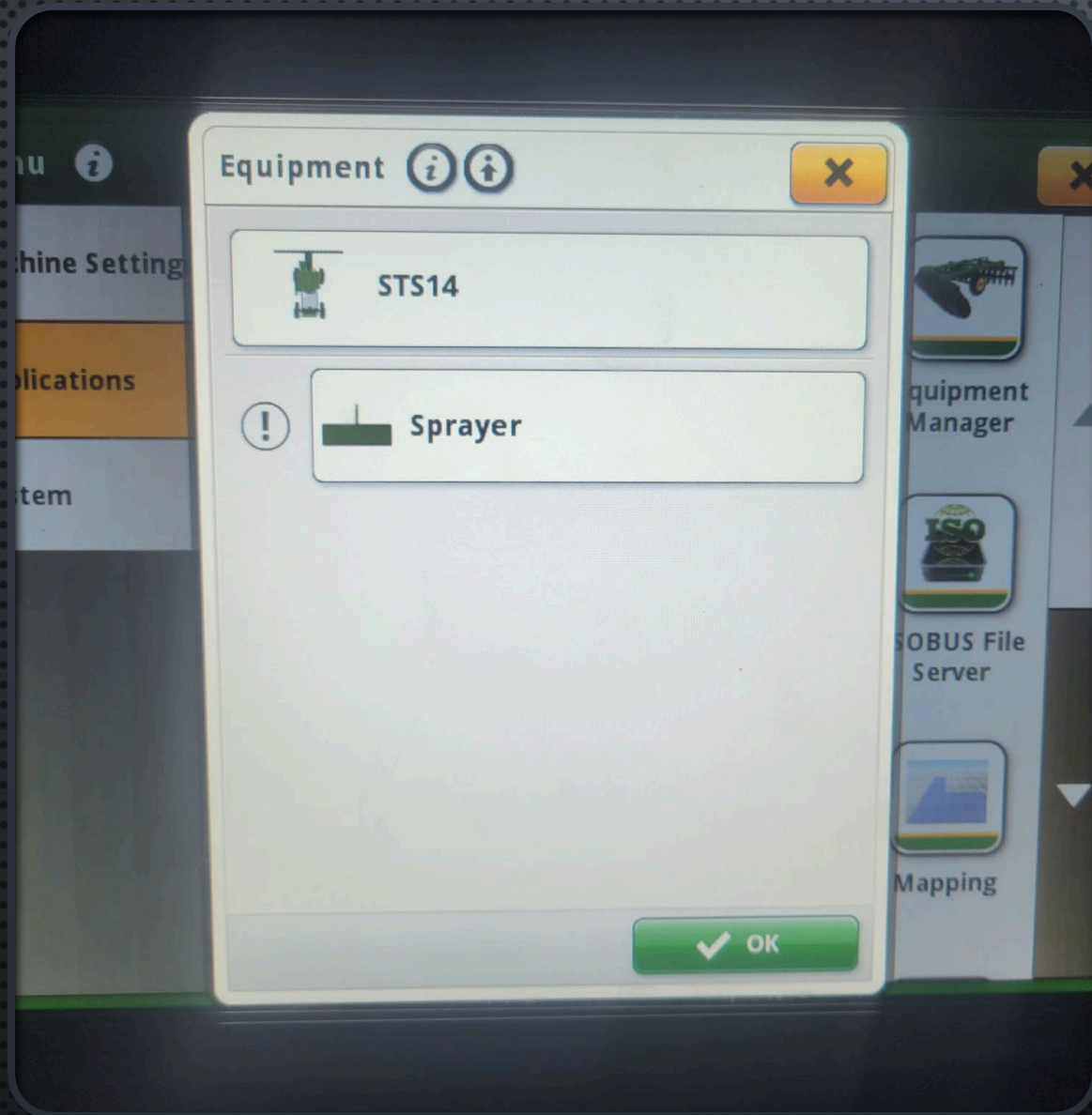




JOHN DEERE 4640

SET UP PROCEDURES FOR USE WITH
CAPSTANAG PINPOINT III
ENVELOP



AFTER START-UP AND OBJECT POOL DOWNLOAD, THE JD 4640 SHOULD AUTOMATICALLY POP UP A NEW SPRAYER CONFIGURATION

USE THE EQUIPMENT MANAGER APP TO COMPLETE SETUP FOR THE PINPOINT III ENVELOP SYSTEM

NOTE THE "!" NEXT TO THE IMPLEMENT INDICATING SETUP IS INCOMPLETE/INCOMPATIBLE

SELECT THE "MACHINE" BOX AT THE TOP OF THE SCREEN AND VERIFY SETTINGS



- VERIFY MEASUREMENTS AND WORK POINT IS SET CORRECTLY IN MACHINE PROFILE. THESE NUMBERS SHOULD BE PRESET ACCORDING TO MODEL SELECTED



IMPLEMENT PROFILE SETUP

Implement Profile ⓘ

Profile Name
Sprayer

Type: Sprayer
ISO Name: 7489BA1E12810DA1
Manufacturer: Capstan Ag Systems, Inc.
Modified: 03/22/2023

Connection Type
Front 3-Point

Working Width
Controller Settings

1: Spraying 121.2 ft
97 Sections

Dimensions
Center of Rotation

Reset Profile Cancel Save

- SELECT THE IMPLEMENT PROFILE
- CHANGE THE CONNECTION TYPE TO “FRONT 3-POINT”
 - THIS MAY VARY IF NOT USING A FRONT BOOM MACHINE
- VERIFY WORKING WIDTH IS CORRECT FOR HOW THE ENVELOP HUB IS SET UP
- CONFIRM MEASUREMENTS
- WORK POINT APPEARS TO BE SET TO ZERO AS THE WORK POINT HAS BEEN SET IN THE MACHINE PROFILE

Implement Profile ⓘ

Dimensions

A Center of Rotation 0.0 ft
C Lateral Offset 0.0 in

Work Point
1: Spraying 0.0 ft

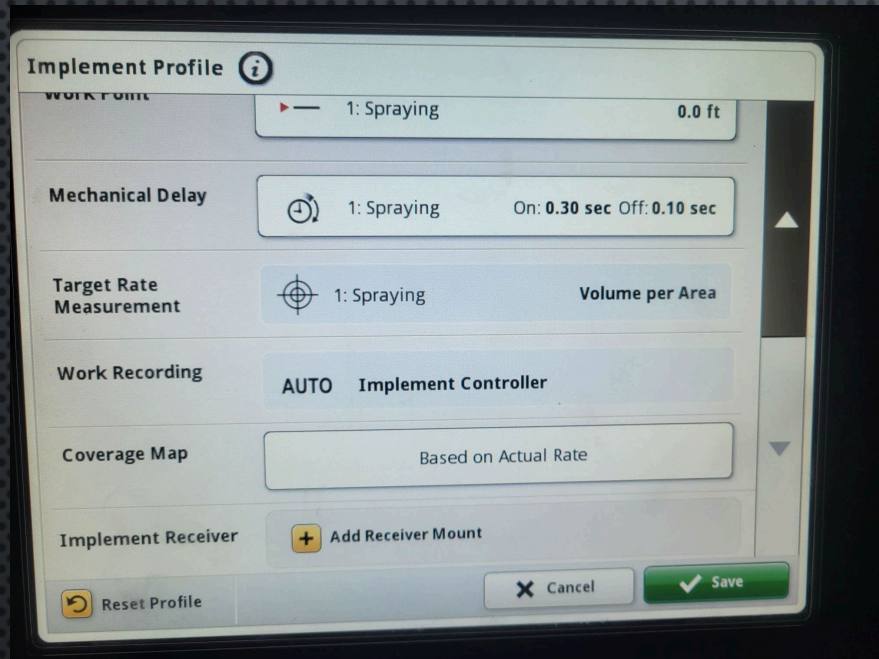
Mechanical Delay
1: Spraying On: 0.10 sec Off: 0.10 sec

Target Rate Measurement
1: Spraying Volume per Area

Work Recording
AUTO Implement Controller

Reset Profile Cancel Save

IMPLEMENT PROFILE SETUP CONT'D

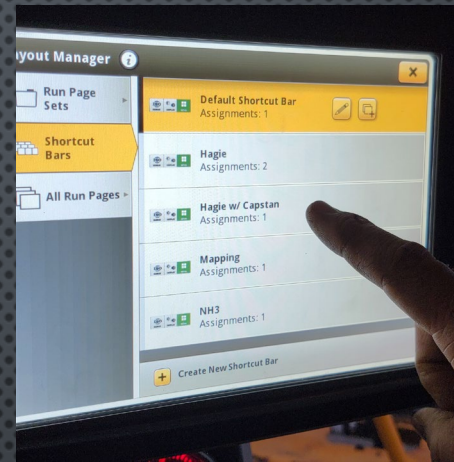


- SET MECHANICAL DELAY (FIELD VERIFY)
 - ON LOOK AHEAD 0.3 SEC
 - OFF LOOK AHEAD 0.1 SEC
- CONFIRM OTHER SETTINGS
- SAVE



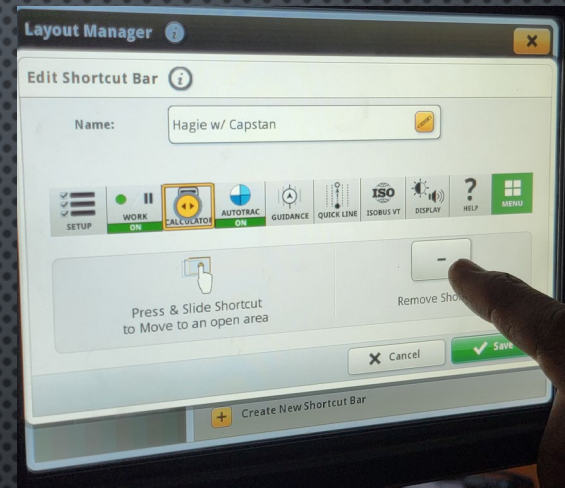
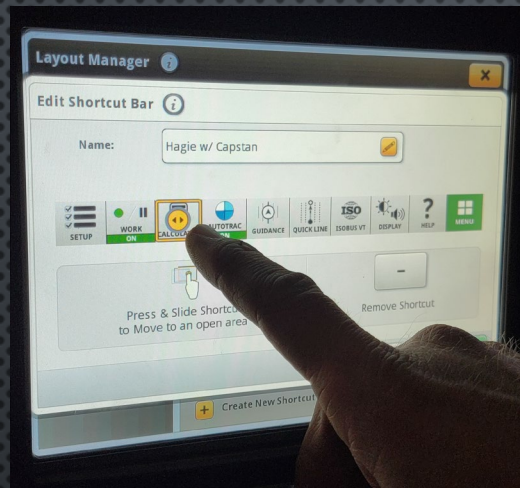
- VERIFY THAT “!” IS GONE FROM THE AREA NEAR THE IMPLEMENT YOU SET UP
- HIT OK

RUN PAGE AND SHORTCUT BAR SETUP



For proper operation of the section control system, a “shortcut” needs to be assigned to enable/disable section control from the run screens. Follow the steps shown here to assign a shortcut

RUN PAGE AND SHORTCUT BAR SETUP



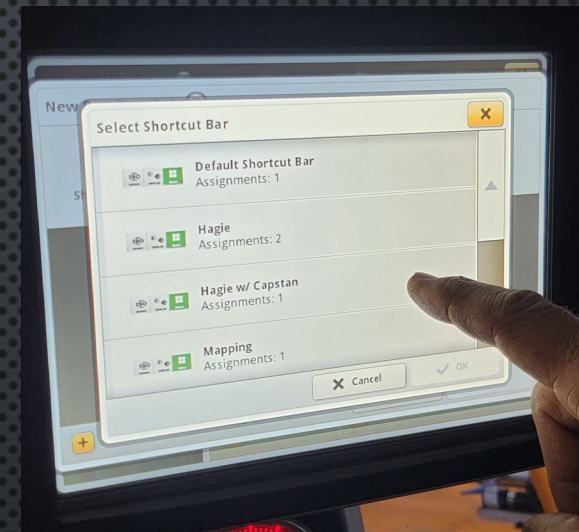
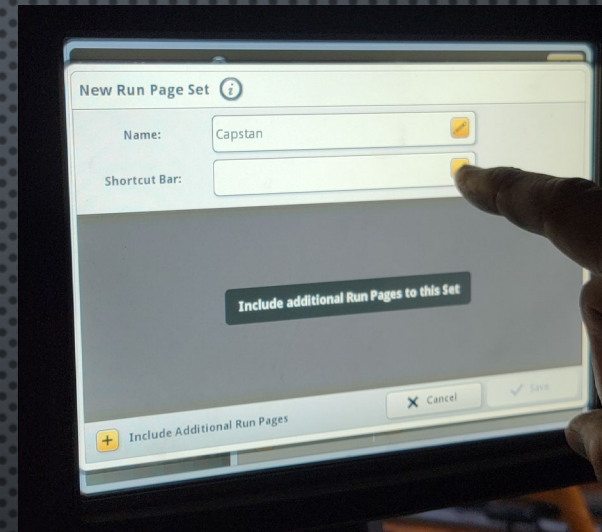
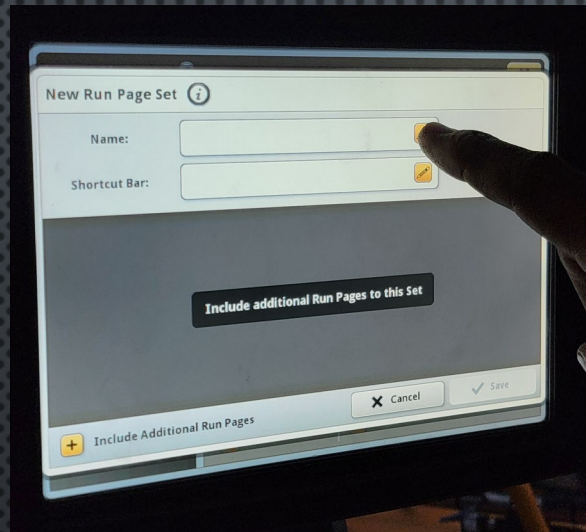
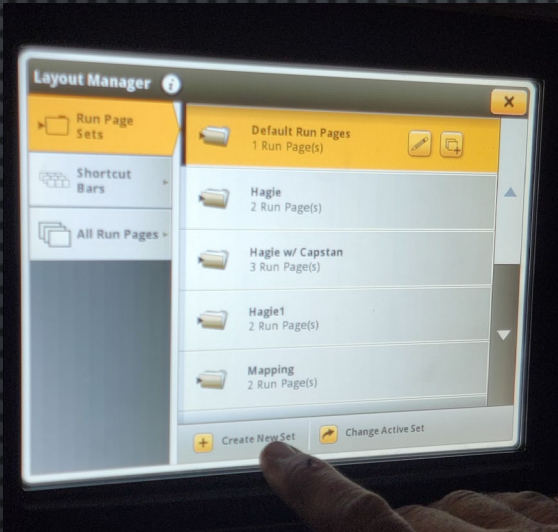
Select a "shortcut" to be replaced by the new Section Control "shortcut" and delete it.

RUN PAGE AND SHORTCUT BAR SETUP



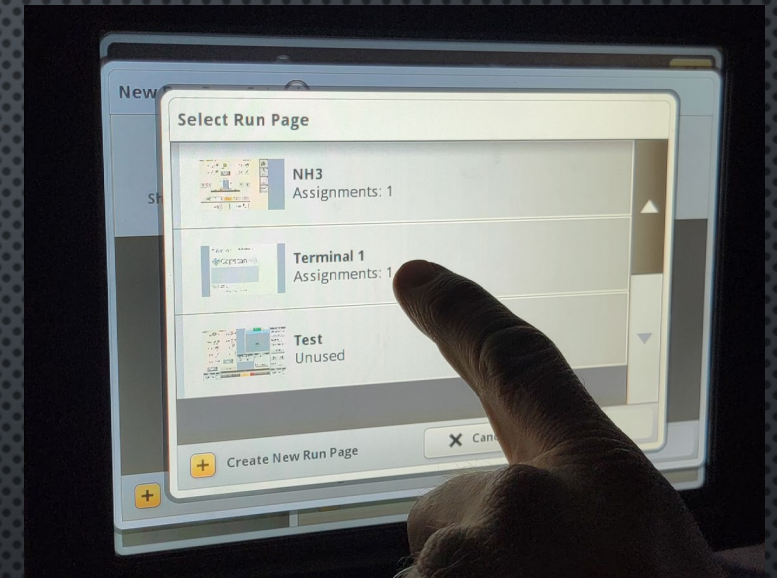
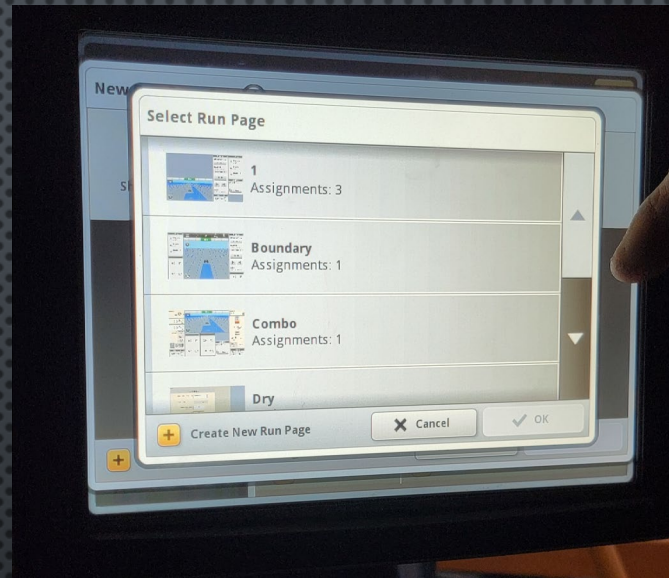
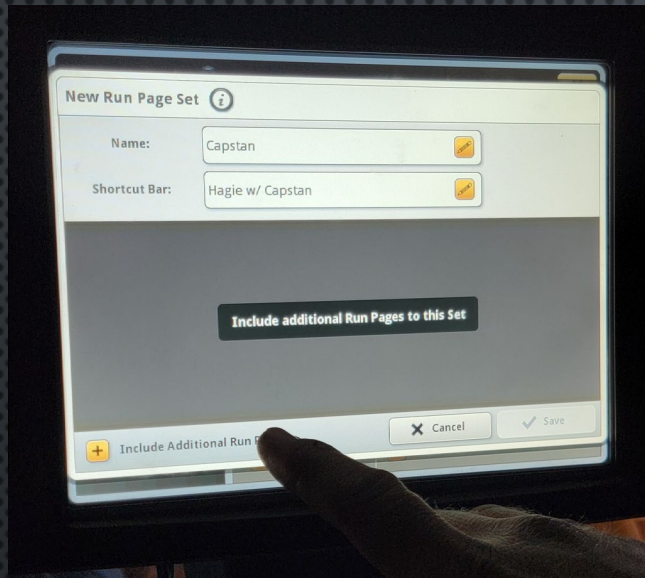
- Select the location for the new shortcut
- Select the selection control app to assign
- Scroll to "Section Control Status" shortcut and touch "+ Add"
- Save

RUN PAGE AND SHORTCUT BAR SETUP



- Select "Run Page Sets" at the upper left
- Create a new set
- Name the run page set
- Select the Shortcut bar that we just modified in the previous steps

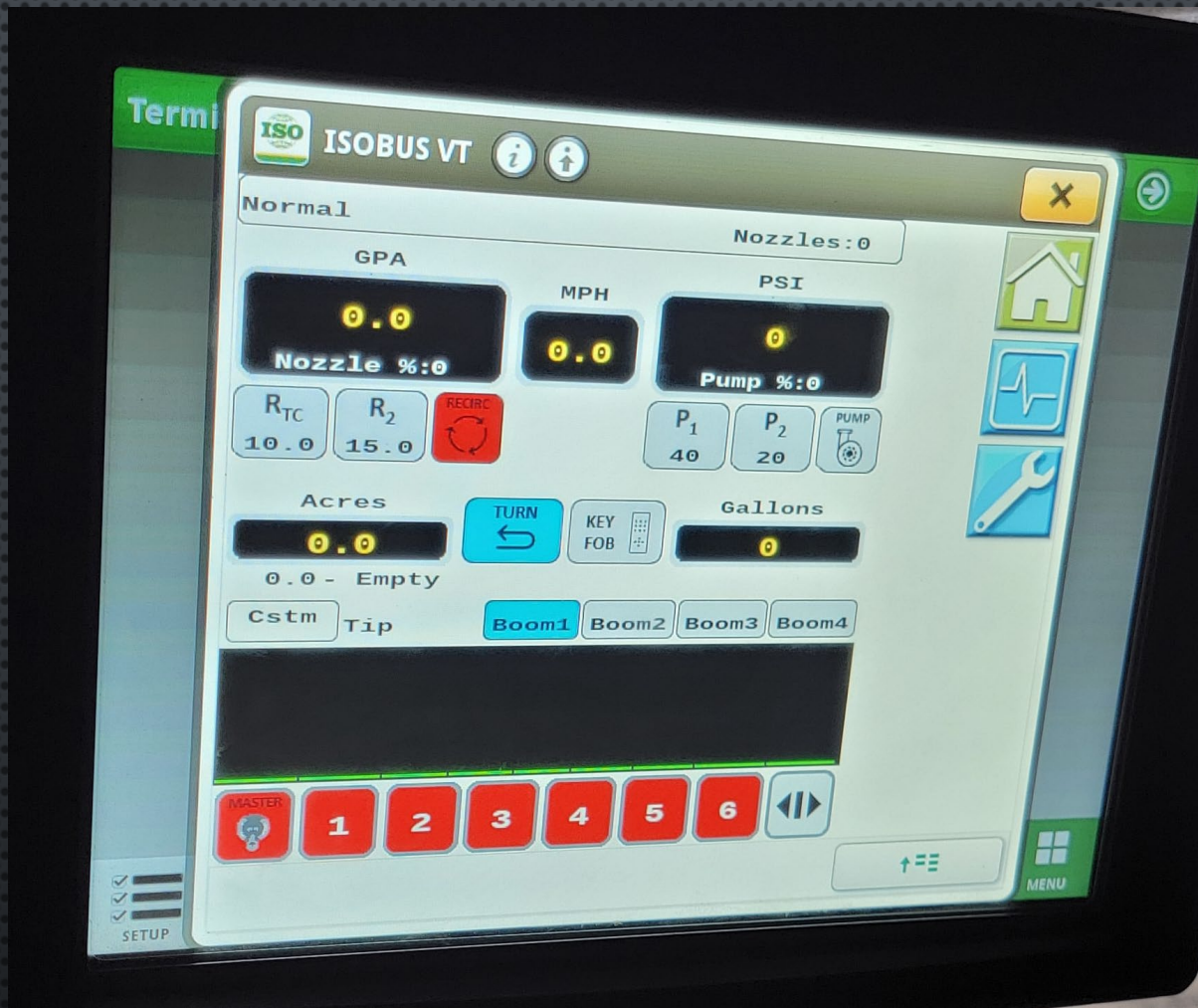
RUN PAGE AND SHORTCUT BAR SETUP



- Touch “Include Additional Run Pages”
- Select all applicable run pages desired
- Select “Terminal 1” to display the Envelop ISOBUS interface as a run page
- Hit “OK” to save your run page set
- Remember to set your new run page set as the active set prior to operation



- Confirm operation of the system. There should be a green bar indicating the boom of the machine displayed along with the sprayer “chassis”
- If green boom is not present, verify GPS is present and operational



Setup of system complete, refer to Envelop operators manual and documentation at capstanag.com for more information