MacDon

M1 Series Windrowers

Bluetooth Software Interface Kit (MD #208845) Software Update Instructions

147867 Revision K

Original Instruction

The Harvesting Specialists.

M1240 Windrower, featuring Dual Direction™ and Crossflex™ suspension

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Introduction

The Bluetooth® Software Interface kit (MD #208845) is required to update the master controller software on M1 Series Windrowers. This document explains how to use this kit to perform software updates. Once the software has been updated, the kit can be removed from the windrower and retained for future updates.

A list of parts included in the kit is provided in Chapter *2 Parts List, page 5*.

Installation Time

Software update time is approximately 20 minutes.

Conventions

The following conventions are used in this document:

- Right and left are determined from the operator's position, facing forward with the windrower in cab-forward position.
- Unless otherwise noted, use the standard torque values provided in the windrower operator's or technical manual.

NOTE:

Keep your MacDon publications up to date. The most current version of this instruction can be downloaded from our Dealer-only site (*https://portal.macdon.com*) (login required).

NOTE:

This document is currently available in English only.

List of Revisions

At MacDon, we're continuously making improvements, and occasionally these improvements affect product documentation. The following list provides an account of major changes from the previous version of this document.

Section	Summary of Change	Internal Use Only
Throughout	Software application IQANgo was IQANsync	Product Support

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Chapter 1: Safety

Understanding and following safety procedures consistently will help to ensure the safety of machine operators and bystanders.

1.1 Signal Words

Three signal words, **DANGER**, **WARNING**, and **CAUTION**, are used to alert you to hazardous situations. Two signal words, **IMPORTANT** and **NOTE**, identify non-safety related information.

Signal words are selected using the following guidelines:

DANGER

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.

WARNING

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury. It may also be used to alert against unsafe practices.

CAUTION

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may be used to alert against unsafe practices.

IMPORTANT:

Indicates a situation that, if not avoided, could result in a malfunction or damage to the machine.

NOTE:

Provides additional information or advice.

1.2 General Safety

Protect yourself when assembling, operating, and servicing machinery.

CAUTION

The following general farm safety precautions should be part of your operating procedure for all types of machinery.

Wear all protective clothing and personal safety devices that could be necessary for the job at hand. Do **NOT** take chances. You may need the following:

- Hard hat
- Protective footwear with slip-resistant soles
- Protective glasses or goggles
- Heavy gloves
- Wet weather gear
- Respirator or filter mask

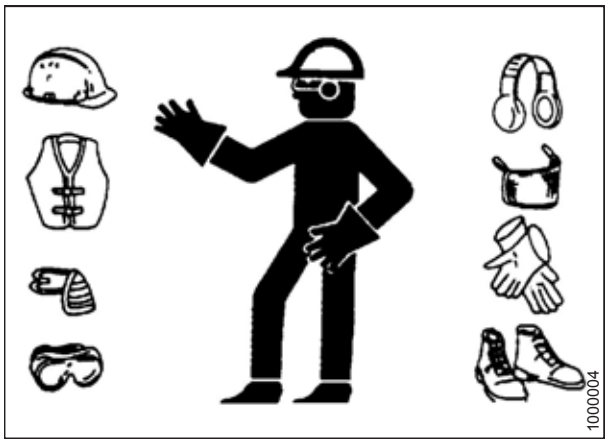


Figure 1.1: Safety Equipment

In addition, take the following precautions:

- Be aware that exposure to loud noises can cause hearing impairment. Wear suitable hearing protection devices such as earmuffs or earplugs to help protect against loud noises.

Figure 1.2: Safety Equipment

- Provide a first aid kit in case of emergencies.
- Keep a properly maintained fire extinguisher on the machine. Familiarize yourself with its use.
- Keep young children away from machinery at all times.
- Be aware that accidents often happen when Operators are fatigued or in a hurry. Take time to consider the safest way to accomplish a task. **NEVER** ignore the signs of fatigue.

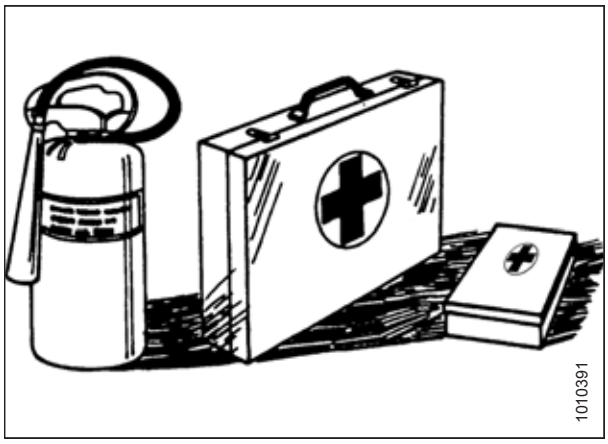


Figure 1.3: Safety Equipment

- Wear close-fitting clothing and cover long hair. **NEVER** wear dangling items such as scarves or bracelets.
- Keep all shields in place. **NEVER** alter or remove safety equipment. Ensure that the driveline guards can rotate independently of their shaft, and that they can telescope freely.
- Use only service and repair parts made or approved by the equipment manufacturer. Parts from other manufacturers may not meet the correct strength, design, or safety requirements.

Figure 1.4: Safety around Equipment

- Keep hands, feet, clothing, and hair away from moving parts. **NEVER** attempt to clear obstructions or objects from a machine while the engine is running.
- Do **NOT** modify the machine. Unauthorized modifications may impair the functionality and/or safety of the machine. It may also shorten the machine's service life.
- To avoid injury or death from the unexpected startup of the machine, **ALWAYS** stop the engine and remove the key from the ignition before leaving the operator's seat for any reason.

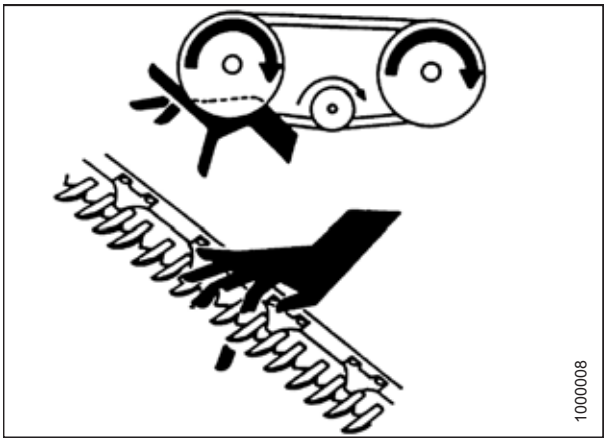


Figure 1.5: Safety around Equipment

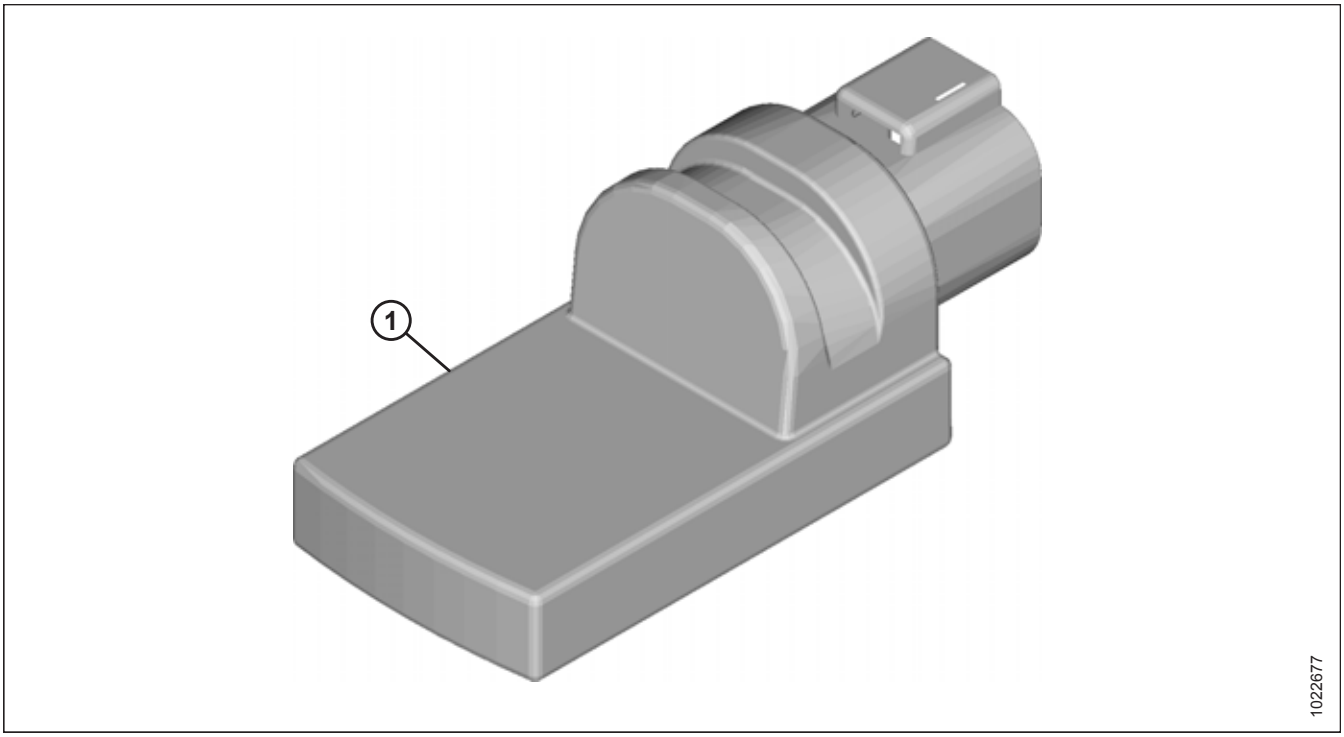
- Keep the machine service area clean and dry. Wet and/or oily floors are slippery. Wet spots can be dangerous when working with electrical equipment. Ensure that all electrical outlets and tools are properly grounded.
- Keep the work area well-lit.
- Keep machinery clean. Straw and chaff on a hot engine are fire hazards. Do **NOT** allow oil or grease to accumulate on service platforms, ladders, or controls. Clean machines before they are stored.
- **NEVER** use gasoline, naphtha, or any volatile material for cleaning purposes. These materials may be toxic and/or flammable.
- When storing machinery, cover any sharp or extending components to prevent injury from accidental contact.

Figure 1.6: Safety around Equipment

Chapter 2: Parts List

The following parts are included in this kit.

Figure 2.1: Parts Included in Kit



Ref	Part Number	Description	Quantity
1	NSS[1]	MODULE – BLUETOOTH®, IQAN G11	1

1. Not Sold Separately

Chapter 3: Installation Instructions

NOTE:

Throughout these instructions, when parts included in the kit are initially referenced, the part name is followed by its MacDon part number (MD #xxxxxx). If the part is not sold separately, the part name is followed by (MD #NSS). For more information, cross reference the part number to the parts list description and illustration.

3.1 Formatting USB Drive for Software Installation

The software installation procedure requires a USB drive with a maximum capacity of 32GB. To minimize software installation errors, format your USB drive before downloading any software updates onto the device.

NOTE:

This procedure shows Windows 7 operating system to format the drive.

1. Plug a USB drive into a laptop or PC. An AutoPlay window (A) will appear. Click OPEN FOLDER TO VIEW FILES (B).

   If the AutoPlay window does not appear, proceed to Step *2, page 7*. If the AutoPlay window appears, proceed to Step *3, page 7*.

Figure 3.1: Windows 7 AutoPlay Dialog Box

2. If the AutoPlay window does not appear, do the following:

   a. Click on START then COMPUTER (A).

   b. Double click on USB drive (B) to open it.

3. If there are files on the USB drive that require saving, move them to another USB drive or to the computer being used. Close the USB drive window.

   NOTE:

   Formatting the USB drive will permanently erase all content.

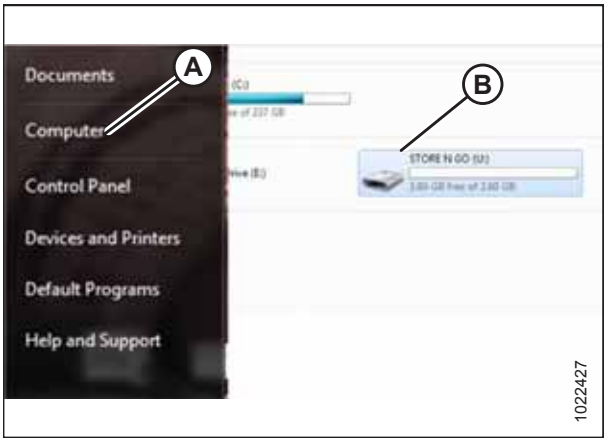


Figure 3.2: Windows 7 AutoPlay Dialog Box

4. Right-click on the USB drive and select FORMAT (A).

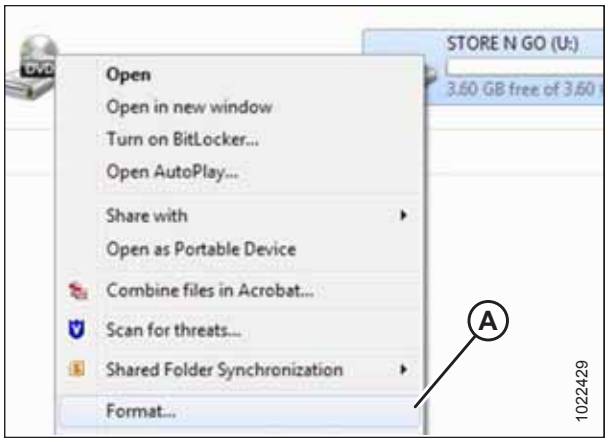


Figure 3.3: Formatting USB Drive

5. In the FORMAT window, drive CAPACITY (A) should appear at the top. Do **NOT** change this selection.
6. Under FILE SYSTEM (B), check that FAT32 is selected. This should be the default selection.

   NOTE:

   FAT32 will not be an option if USB drive size is larger than 32 GB.
7. Click START (C) to format the USB drive.
8. A warning pop-up will appear. Click OK on the warning pop-up to begin formatting.
9. A message appears when formatting is complete. Click OK. The USB drive is now ready to use for downloading software.

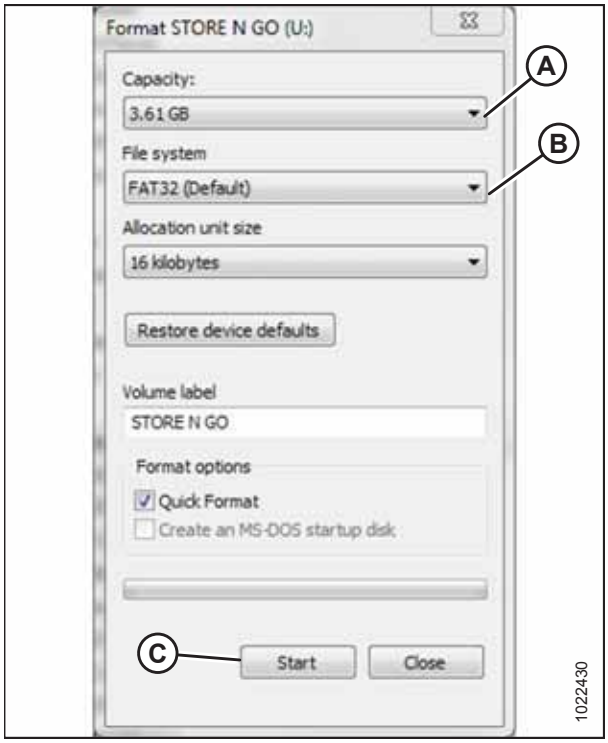


Figure 3.4: Formatting USB Drive

3.2 Updating Harvest Performance Tracker Software

To update the Harvest Performance Tracker (HPT) display software, you must download the HPT display software update from the MacDon Dealer Portal.

NOTE:

HPT displays with software versions HPAE203586G and older are not compatible with new installation files. To update displays with software versions HPAE203586G and older, download and install the update file (install_SPW_HPAJ203586P_Installer_Update.efs) or newer. This will update the display, making it compatible with newer software versions. An attempt to install a non-installer update file will result in a red eject symbol.

Downloading HPT update

IMPORTANT:

For HPT displays with software version HPAF203586H and newer, download and install the update file (install_SPW_HPAJ203586P) or newer.

1. On your computer, log on to the MacDon Dealer Portal, and navigate to PRODUCT SUPPORT (A) – MACHINE SOFTWARE (B) – M1 SERIES (C).
2. Locate HPT display software file (D). If more than one HPT software file is available, download the one with the highest revision level. The file will have the following naming convention (example shown):

   Install_SPW_HPAB203586C.zip
   - HP = Harvest Performance
   - AB = Compatibility characters used to ensure that the HPT display software version is compatible with the master controller software
   - 203586 = MacDon part number for the software
   - C = Revision level of the software
   - .zip = File extension

   IMPORTANT:

   Filenames are case sensitive and **MUST** remain in the format shown. Additional characters in the filenames can cause problems in the update process.
3. Download HPT display software file (D).
4. Click the downloaded file at the bottom left side of the page and select SHOW IN FILE (E).

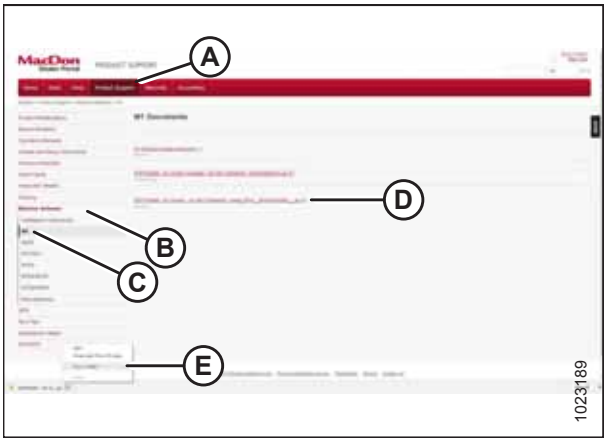


Figure 3.5: MacDon Dealer Portal

5. Right-click downloaded file (A) and select EXTRACT ALL (B). A dialog box will open.

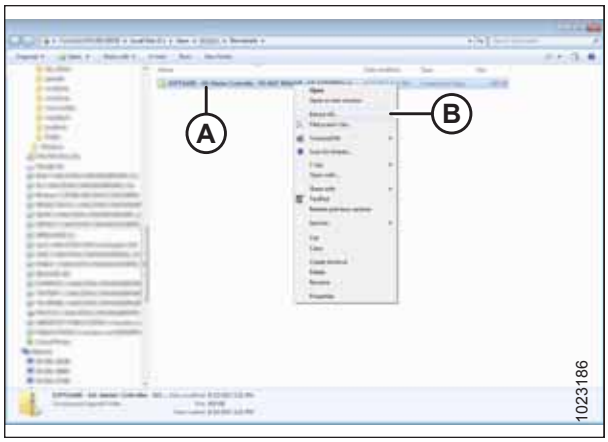


Figure 3.6: Extracting Zip File

6. Choose location (A) where you want to save the file. Click on EXTRACT (B).

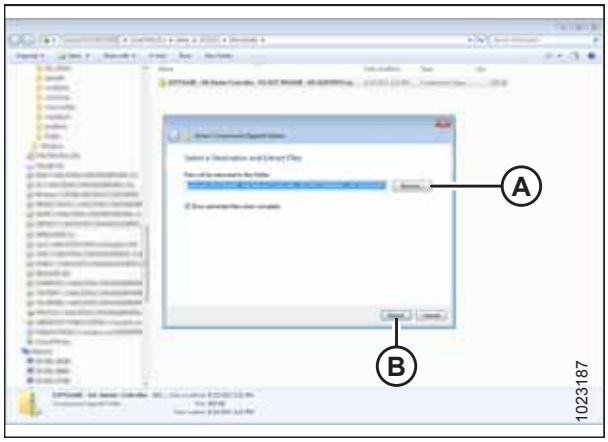


Figure 3.7: Extracting Zip File

7. Copy .efs file (A) that was extracted to a standard USB drive. The file **MUST** be saved into the top directory of the drive.

   IMPORTANT:

   Filenames are case sensitive and **MUST** remain in the format shown. Additional characters in the filenames can cause problems in the update process.

8. Ensure the file transfer is complete, then close the USB drive window.

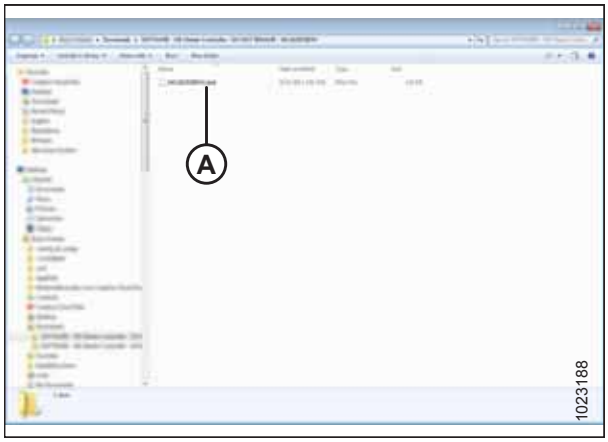


Figure 3.8: Extracting Zip File

9. Click Safely Remove Hardware icon (A) in system tray (B) (with the time and date display). A pop-up menu will appear listing all the devices that are connected to the computer.
10. Click the USB drive that you want to remove, right-click it and select EJECT.

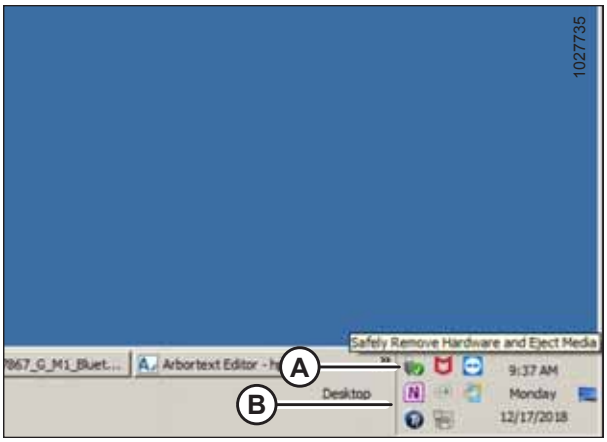


Figure 3.9: USB Disconnect

11. A pop-up message will appear saying it is safe to remove hardware. Unplug the USB drive.

Figure 3.10: USB Disconnect

Installing HPT display software

12. In the windrower cab, turn the ignition key to ACC position (A). The windrower's electrical accessories are turned ON, but the engine remains OFF.

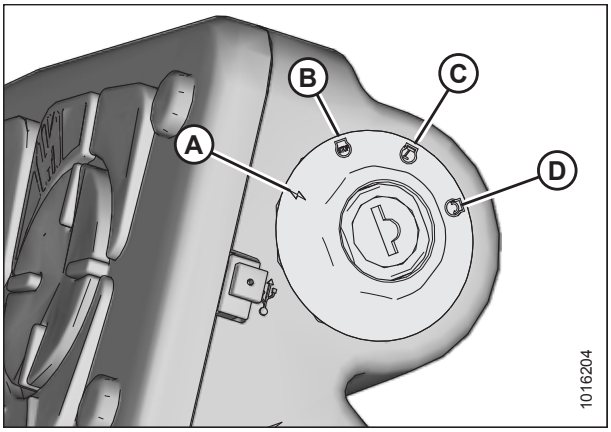


Figure 3.11: Ignition Switch on Console

A - ACC **B - OFF**
C - RUN **D - START**

13. If the ignition was recently on, wait 2–3 minutes for CAN traffic to die down. When the system is ready, the home page will appear on the HPT display.

    NOTE:

    For more information about how to navigate through the HPT display, refer to the windrower operator's manual.

Figure 3.12: HPT Display – Home Page

14. Insert the USB drive into USB port (A) at the rear of the console next to the ignition switch. After a few seconds, the HPT display will update to show the software selection page.

Figure 3.13: USB Port on Console

15. Use the scroll wheel to select the software file from list (A), and then press soft key 1 on the top right corner of the display to accept it. The software update should begin and take approximately 5 minutes but can take up to 10 minutes to complete.

    IMPORTANT:

    Do **NOT** remove the USB drive, turn the key from the ACC position, or activate any ground speed lever (GSL) or console switches during the update.

    NOTE:

    List (A) will display all the HPT software file saved in the USB. List (B) will display current installed version.

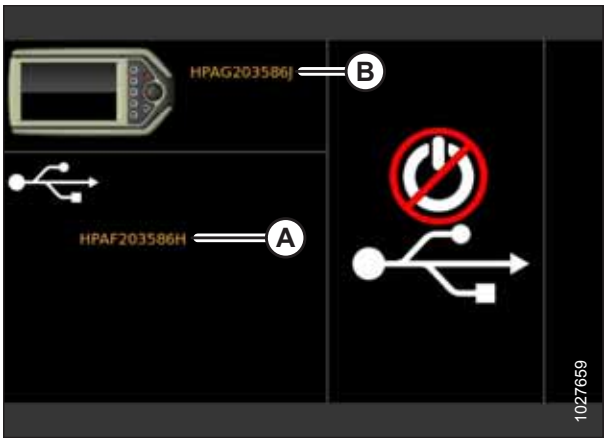


Figure 3.14: Software Selection Page

A - Software File(s) **B - Currently Installed Software Version**

16. When the update is complete, a green eject icon appears on the display. Remove the USB drive and leave the key in ACC position. The display reboots several times until the home page is displayed. It is then safe to continue.

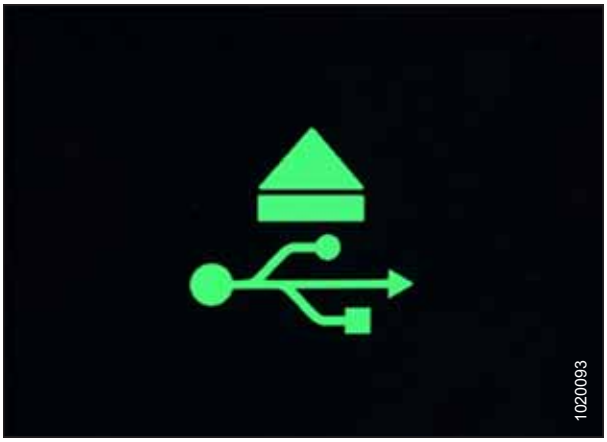


Figure 3.15: Green Eject Icon

17. If the icon is yellow (A) or red (B) as shown at right, remove the USB drive and return to Step *14, page 12*.

    NOTE:

    In the event of a failed update, cycle the display power before retrying. You can wait for the battery disconnect to activate or remove the battery cables to cycle the display.

    NOTE:

    You may need to reformat the USB drive and reload the software onto it. Refer to *3.1 Formatting USB Drive for Software Installation, page 7*.

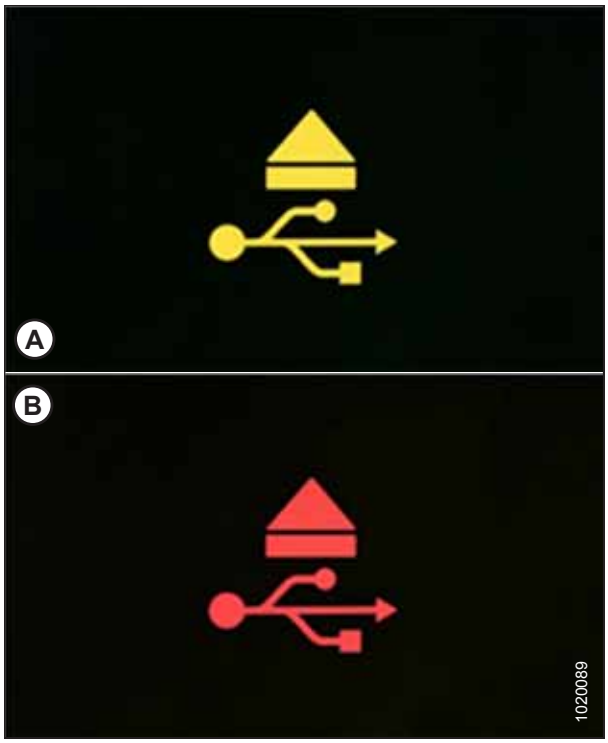


Figure 3.16: Yellow and Red Eject Icons

18. If the HPT display and the master controller software compatibility characters do not match, an error will be displayed on the HPT. If the error occurs, update the master controller software as described in *3.6.1 Updating Master Controller Software – iOS, page 29* and *3.6.2 Updating Master Controller Software on an Android Device, page 35*.

    NOTE:

    The header and windrower settings may have changed during the update. Please check all settings before operation.

Figure 3.17: Caution Message

3.3 Installing the IQANgo Application

The IQANgo application is available for Apple iOS and Android devices.

Refer to one of the following procedures to install the app on your device:

- *3.3.1 Installing the IQANgo App – iOS, page 15*
- *3.3.2 Installing the IQANgo App – Android, page 16*

3.3.1 Installing the IQANgo App – iOS

Before you can transfer updated software to the Harvest Performance Tracker (HPT) or master controller, you must install the IQANgo application. This procedure applies only to iOS devices.

Follow these steps to download the IQANgo application onto your iOS device:

1. Open the Apple App Store on your device.
2. Tap SEARCH (A) at the bottom of the App Store window.
3. Type IQANgo in search bar (B), and then press ENTER.
4. Tap INSTALL button (C) and enter the user password if required.

Figure 3.18: Apple App Store

Once installed, IQANgo app (A) will appear on your home page.

NOTE:

Check your iOS device periodically to ensure IQANgo is up-to-date.

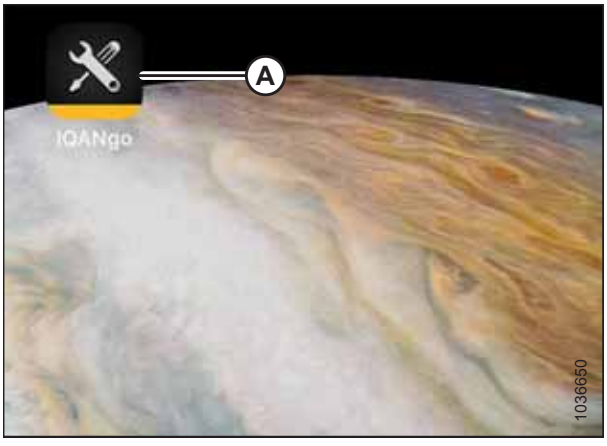


Figure 3.19: Home Screen

Select OK (A) if prompted by the IQANgo app for permission to communicate via Bluetooth.

Figure 3.20: Update Screen

3.3.2 Installing the IQANgo App – Android

Before you can transfer updated software to the Harvest Performance Tracker (HPT) or master controller, you must install the IQANgo application. This procedure applies only to Android devices.

Follow these steps to download the IQANgo application onto your Android device:

1. Open Google Play Store app (A) on your device.

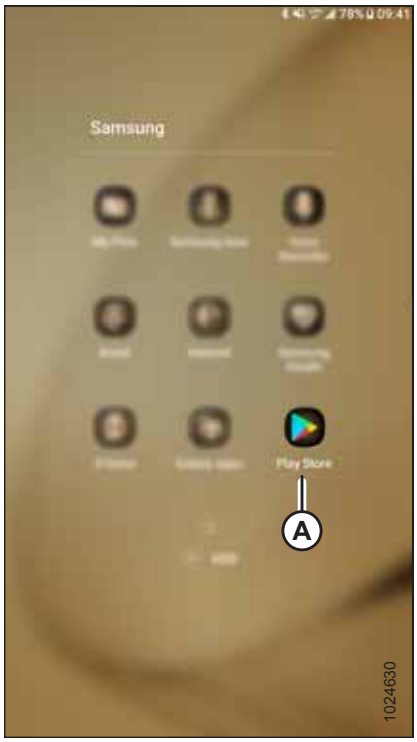


Figure 3.21: Google Play App

2. Tap SEARCH at the top of the Play Store window.
3. Type IQANgo in search bar (A) and then press ENTER.

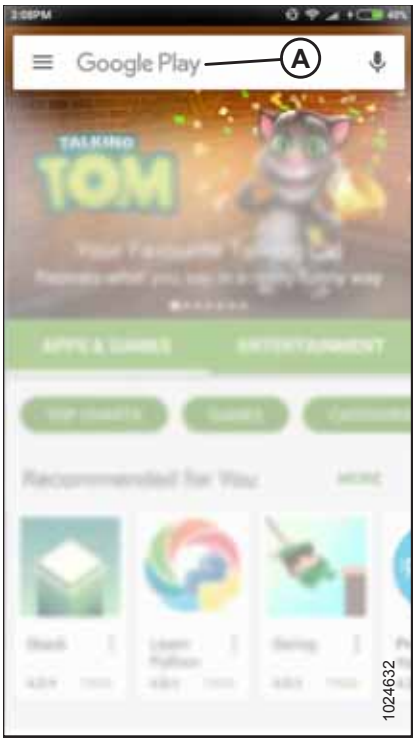


Figure 3.22: Google Play Store

4. Tap INSTALL button (A) and enter the user password if required.

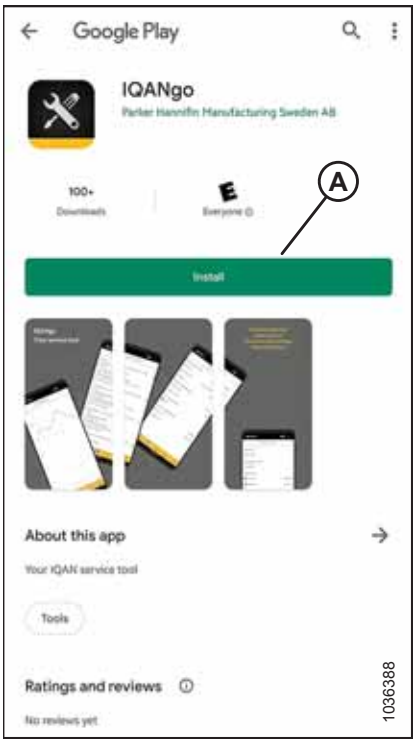


Figure 3.23: Google Play Store

5. Tap IQANgo icon (A) to open the app from your home page.
6. Accept/allow all permission requests (B).

NOTE:

Check your Android device periodically to ensure IQANgo is up-to-date.

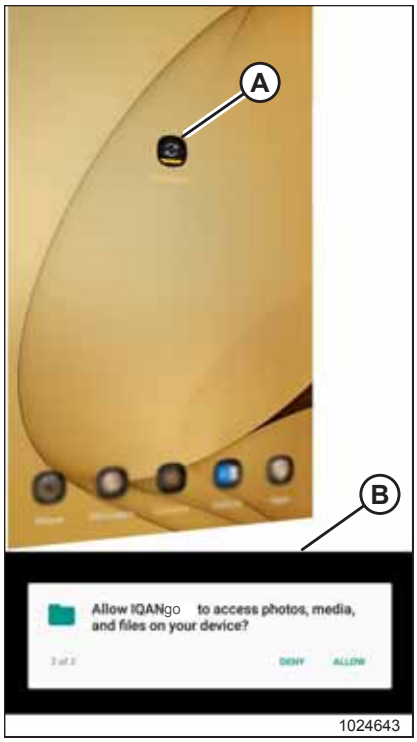


Figure 3.24: Home Screen

3.4 Installing an IQAN G11 Bluetooth® Module

The IQAN G11 Bluetooth® Module is required to update the master controller software.

To install the IQAN G11 Bluetooth® Module, follow these steps:

1. Locate relay module access door (A) in the inside of the cab, in the front left corner of the headliner.
2. Turn latch (B) to open access door (A).

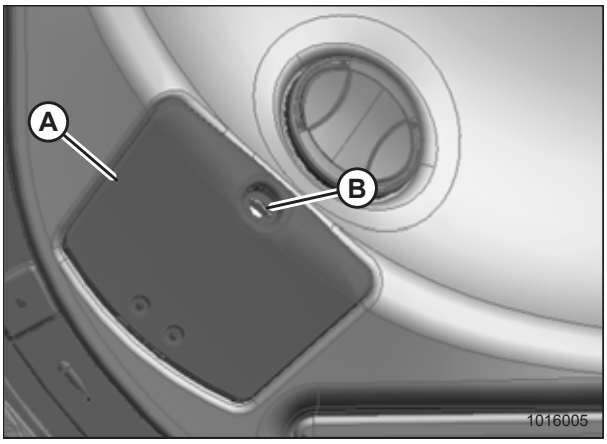


Figure 3.25: Relay Module Cover in Cab Headliner

3. Locate roof harness connector P826 (A).

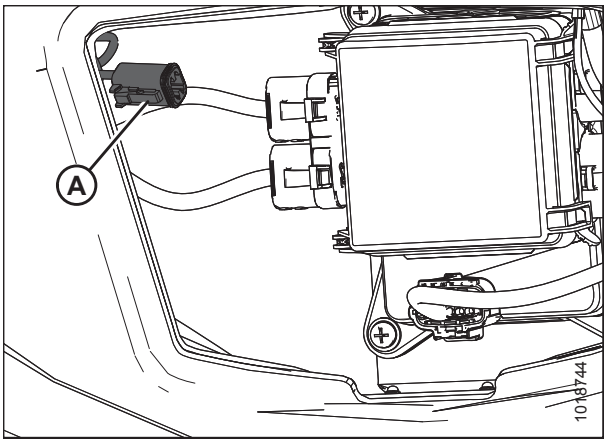


Figure 3.26: Relay Module and Harness Connector

4. Attach IQAN G11 Bluetooth® Module (A) to roof harness connector P826.
5. Close the relay module cover and secure with the latch.

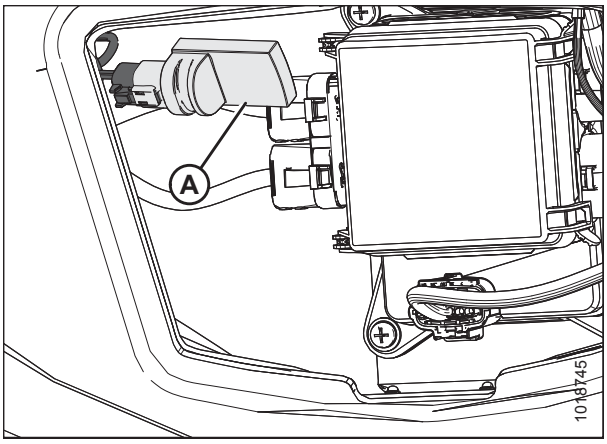


Figure 3.27: Relay Module and Harness Connector

3.4.1 Updating Firmware on an IQAN G11 Bluetooth® Module – IOS

This procedure is optional. It is only required if a firmware update is available.

1. Install IQAN G11 Bluetooth® Module. Refer to *3.4 Installing an IQAN G11 Bluetooth® Module, page 19*.
2. Open IQANgo app (A) on your Bluetooth® enabled device.

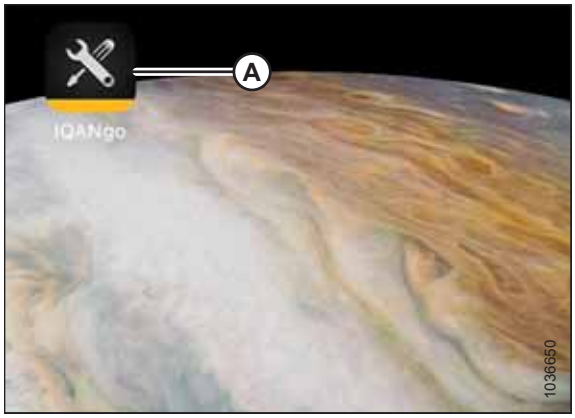


Figure 3.28: IQANgo App on iOS Device

3. Select your machine (A) and tap CONNECT.

Figure 3.29: Selecting a Windrower to Update

4. Once connected, if a firmware update is available a message will appear. Select YES (A) to update.

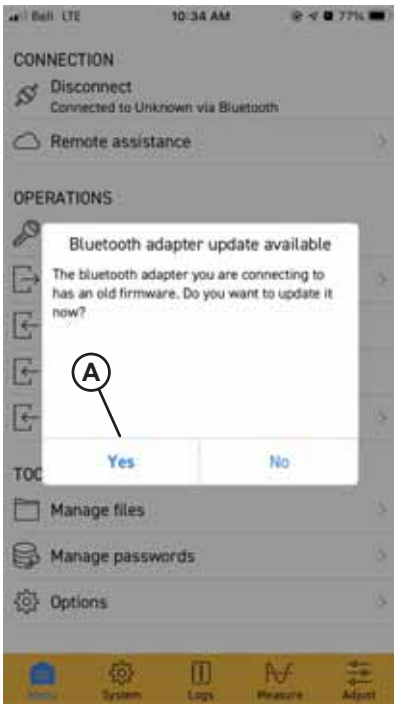


Figure 3.30: Firmware Update

If an update is selected, a progress bar (A) will appear.

Figure 3.31: Firmware Update

5. When the update is complete, a FIRMWARE UPDATED dialog box (A) appears. Tap OK.

Figure 3.32: Firmware Update

6. The OPTIONS screen displays the updated firmware version (A).
7. If the master controller software is going to be updated, leave the IQAN G11 Bluetooth® Module in place. Otherwise, remove it. For instructions, refer to *3.7 Removing an IQAN G11 Bluetooth® Module, page 46*.

Figure 3.33: Firmware Update

3.4.2 Updating Firmware on an IQAN G11 Bluetooth® Module – Android

This procedure is optional. It is only required if a firmware update is available.

1. Install IQAN G11 Bluetooth® Module. Refer to *3.4 Installing an IQAN G11 Bluetooth® Module, page 19*.

2. Open IQANgo app (A) on your Bluetooth® enabled device.

Figure 3.34: IQANgo App on Android Device

3. Select BLUETOOTH ADAPTER CONFIGURATION (A).

   NOTE:

   If your application screen does not have this option, check that the application is up-to-date.

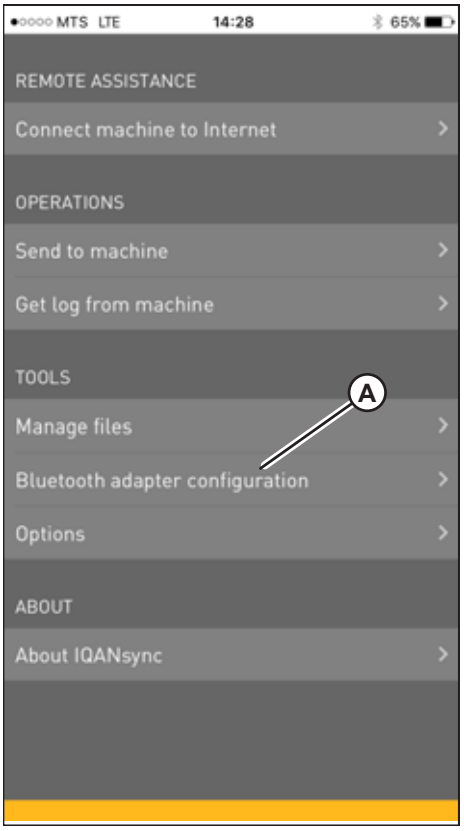


Figure 3.35: IQANgo App on Android Device

4. Select module (A) and tap CONNECT (B).

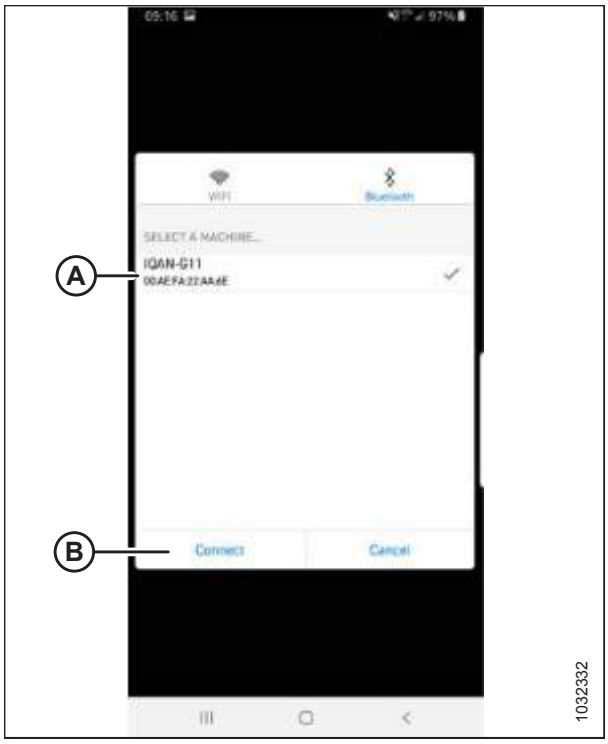


Figure 3.36: Selecting a Windrower to Update

5. Once connected, a message will pop up and a green box (A) if a firmware update is available. Tap OK (B), then tap green box (A).

   NOTE:

   If there is no green box, the firmware is up to date.

Figure 3.37: Firmware Update

If an update is selected, a progress bar (A) will appear.

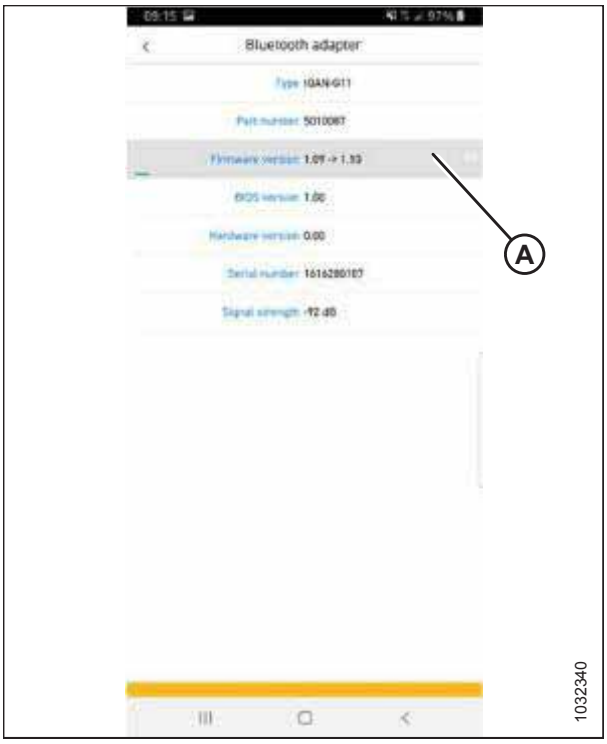


Figure 3.38: Firmware Update

6. When the update is complete, a FIRMWARE UPDATED dialog box (A) appears. Tap OK.

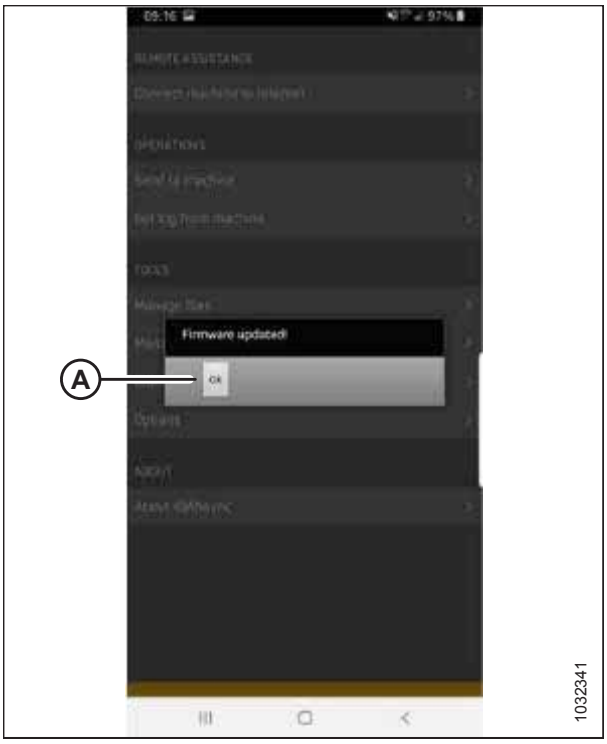


Figure 3.39: Firmware Update

7. The BLUETOOTH ADAPTER screen displays the updated firmware version (A). Close the app once complete.
8. If the master controller software is going to be updated, leave the IQAN G11 Bluetooth® Module in place. Otherwise, remove it. For instructions, refer to *3.7 Removing an IQAN G11 Bluetooth® Module, page 46*.

Figure 3.40: Firmware Update

3.5 Downloading Master Controller Software Update

Master controller software updates can be downloaded from the MacDon Dealer Portal to a personal computer.

1. Log on to the MacDon Dealer Portal, and navigate to PRODUCT SUPPORT (D) – MACHINE SOFTWARE (B) – M1 SERIES (C).

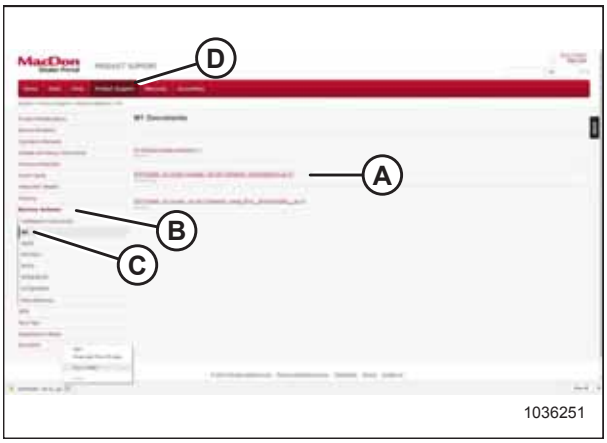


Figure 3.41: MacDon Dealer Portal

2. Locate master controller software update file (A). The file will have the following naming convention (example shown):

   MCAB203587D.zip
   - MC = Master controller
   - AB = Compatibility characters used to ensure that the master controller software version is compatible with the Harvest Performance Tracker (HPT) display software
   - 203587 = MacDon part number for the software
   - D = Revision level of the software
   - .zip = File extension

   IMPORTANT:

   Filenames are case sensitive and **MUST** remain in the format shown. Additional characters in the filenames can cause problems in the update process.

   If more than one master controller software file is available, download the one with the highest revision level.

3. Download master controller software update file (A).
4. Click the downloaded file at the bottom left side of the page and select SHOW IN FOLDER (B).

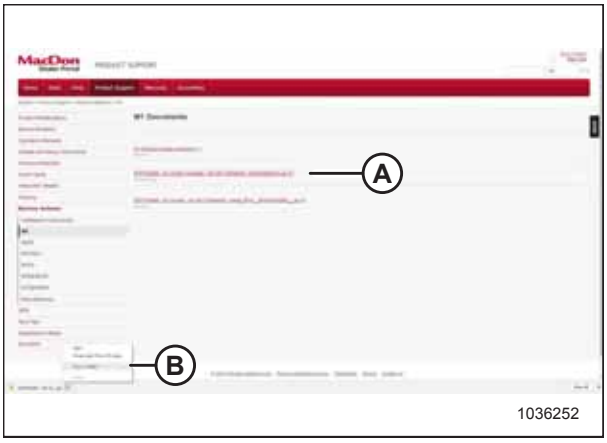


Figure 3.42: MacDon Dealer Portal

5. Right-click on downloaded folder (A) and select EXTRACT ALL (B).

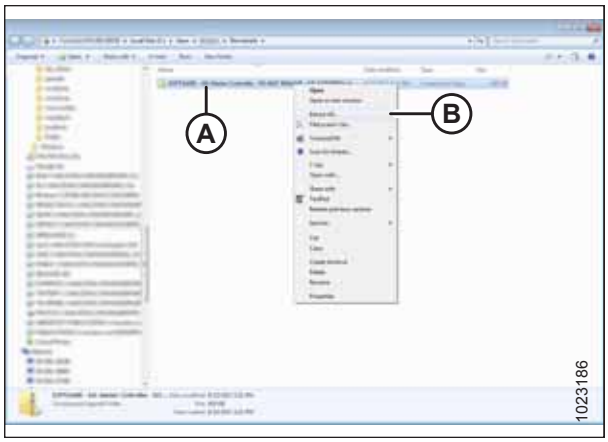


Figure 3.43: Extracting Zip File

6. A dialog box will open. Choose a location (A) where you want to save the file. Click on EXTRACT (B).

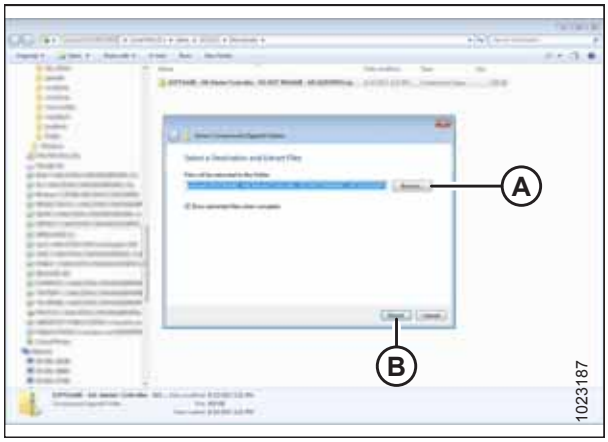


Figure 3.44: Extracting Zip File

7. E-mail downloaded file (A) to your IQANgo equipped device and proceed to the master controller update procedure for your device:

   - *3.6.1 Updating Master Controller Software – iOS, page 29*
   - *3.6.2 Updating Master Controller Software on an Android Device, page 35*

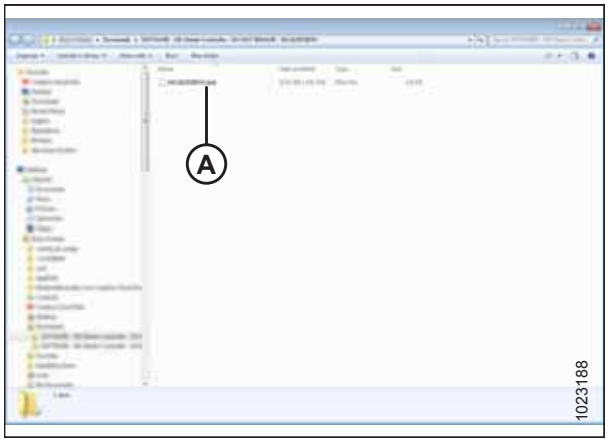


Figure 3.45: Extracting Zip File

3.6 Updating Master Controller Software

Master controller software is updated using the IQANgo application which is available for Apple iOS and Android devices. Refer to one of the following procedures depending on your device:

- *3.6.1 Updating Master Controller Software – iOS, page 29*
- *3.6.2 Updating Master Controller Software on an Android Device, page 35*

3.6.1 Updating Master Controller Software – iOS

The master controller software can be updated using an iOS device.

Before updating the master controller, ensure you have completed the following tasks:

- Install the IQANgo application from the Apple App store onto a Bluetooth® enabled iOS device. Refer to *3.3.1 Installing the IQANgo App – iOS, page 15*
- Install an IQAN G11 Bluetooth® Module. Refer to *3.4 Installing an IQAN G11 Bluetooth® Module, page 19*
- Download the master controller software update from the MacDon Dealer Portal. Refer to *3.5 Downloading Master Controller Software Update, page 27*

IMPORTANT:

Filenames are case sensitive and **MUST** remain in original format. Additional characters in the filenames can cause problems in the update process.

1. Open your email program and find the e-mail with ida4 file attachment (A).

Figure 3.46: File Attachment

Transferring software file to the IQANgo application when the iQANgo icon appears

2. To transfer the file from your device email to the IQANgo app, tap and hold the attached ida4 file and select the iQANgo application (A) from the options.
3. If your device does not display iQANgo app icon (A), proceed to Step *4, page 30*, otherwise, proceed to Step *7, page 32*.

Figure 3.47: Data File Transfer

Transferring software file to the IQANgo application when the iQANgo icon does NOT appear

4. To transfer the file from your device email to the IQANgo app, tap and hold the attachment file. A SAVE/SHARE/COPY window will open.
5. Tap SAVE TO FILES (A). The file save page will open.

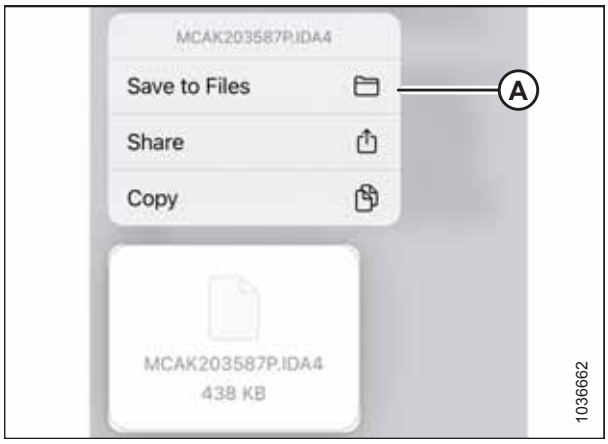


Figure 3.48: Save to Files Method

6. Tap IQANGO folder (A).

Figure 3.49: Data File Transfer

The IQANgo app opens and the recently added ida4 file (A) is highlighted. The file should now be available within the IQANgo app.

NOTE:

If you already have an older copy of the file saved in your IQAN FILES folder, a message will appear asking if you want to replace the existing item. Tap REPLACE.

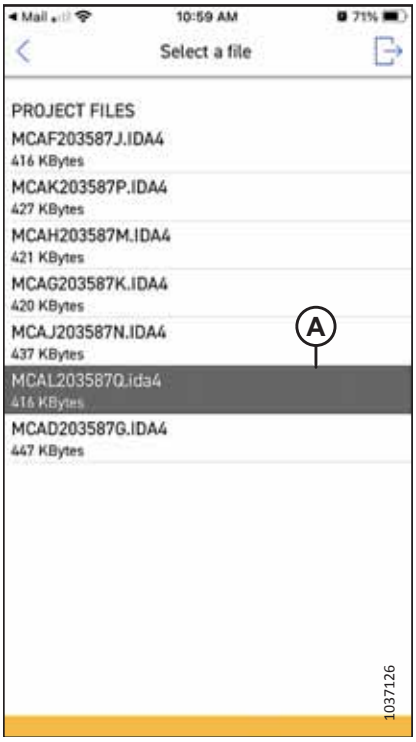


Figure 3.50: Data File Transfer

Installing master controller software

7. In the windrower cab, turn the ignition key to ACC position (A). The windrower's electrical accessories are turned ON, but the engine remains OFF.

   NOTE:

   For the following steps, you must be in or next to the windrower cab so that the Bluetooth® device can connect with the IQAN G11 Bluetooth® Module in the cab headliner.

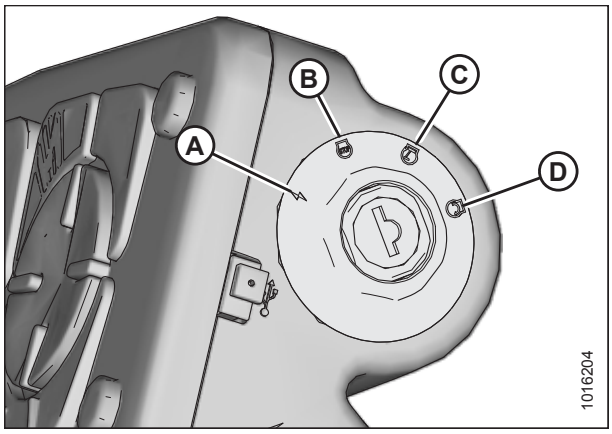


Figure 3.51: Ignition Switch on Console

A - ACC **B - OFF**
C - RUN **D - START**

8. Enable the device's Bluetooth® feature.
9. Open the IQANgo application and tap SEND TO MACHINE (A).

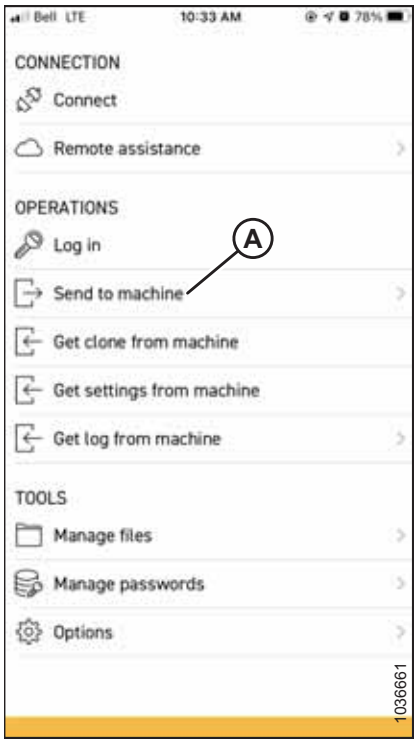


Figure 3.52: IQANgo Application

10. Select ida4 file (A) to upload to the windrower. A pop-up window will appear.
11. Enter password **mac226**.

    NOTE:

    The application may request permission to save the password. If you select YES, this step will be skipped for future uploads.
12. Select SEND TO SYSTEM.

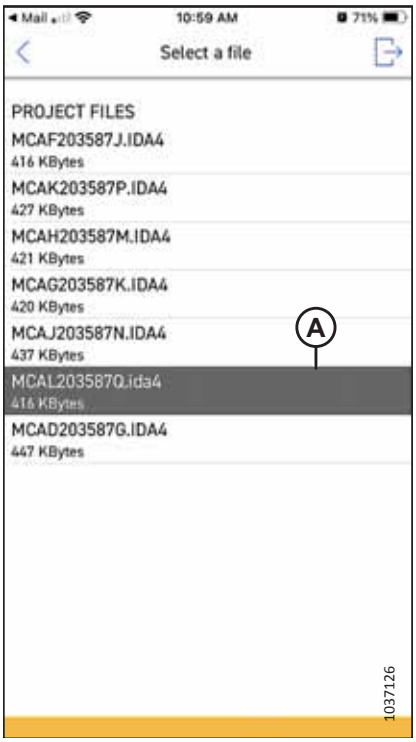


Figure 3.53: Data File Transfer

13. Select Bluetooth® (A) in the IQANgo app. The app will scan for available windrowers.

    NOTE:

    If connection problems are encountered or the SELECT A MACHINE area does not populate, refer to *3.4.1 Updating Firmware on an IQAN G11 Bluetooth® Module – IOS, page 20*.
14. Select your windrower (B) and tap CONNECT (C).
15. A message appears, asking if you want to update your windrower. Tap YES. A warning will appear asking you to check that the windrower is in park and the engine is turned off.

Figure 3.54: Windrower Selection

16. A message (A) appears telling you to make sure that the windrower is not moving and the engine is OFF. Select OK to start the update. A SENDING TO MODULE screen appears.

    IMPORTANT:

    Decline all phone calls while the update is in progress and stay in range of the IQAN G11 Bluetooth® Module in the cab headliner. Accepting phone calls or walking out of range interrupts the update causing you to start again.

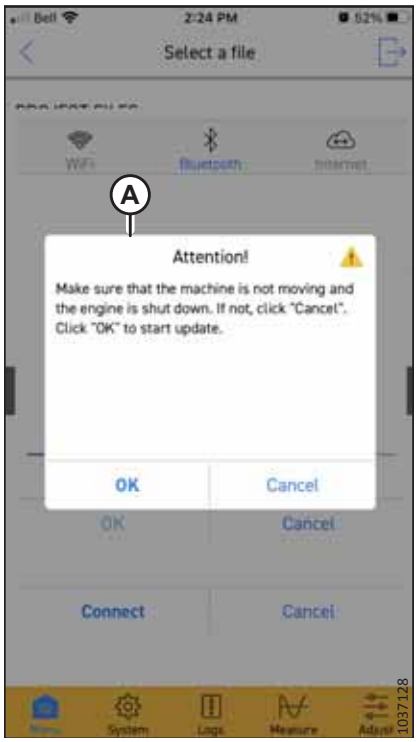


Figure 3.55: Engine Shut Down Message

17. When the update is complete, a SYSTEM UPDATED screen appears. Tap OK (A) to continue.

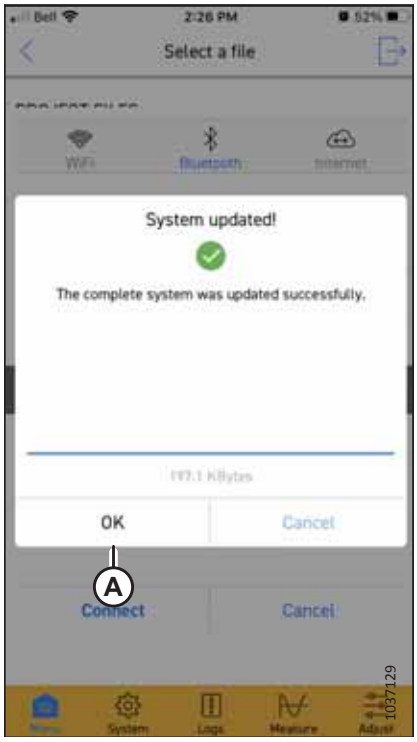


Figure 3.56: System Updated Message

18. Turn windrower key to the OFF position (B).
19. Turn windrower key to ACC position (A).

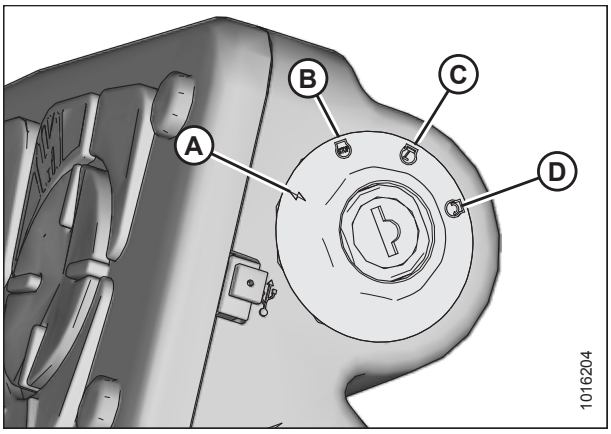


Figure 3.57: Ignition Switch on Console

A - ACC **B - OFF**
C - RUN **D - START**

IMPORTANT:

If the master controller and the Harvest Performance Tracker (HPT) display software compatibility characters do not match, an error may be displayed on the HPT. If error occurs, update the HPT display software as described in *3.2 Updating Harvest Performance Tracker Software, page 9*.

NOTE:

The header and windrower settings may have changed during the update. Please check all settings before operation.

Figure 3.58: Caution Message

3.6.2 Updating Master Controller Software on an Android Device

The master controller software can be updated using an Android device.

IMPORTANT:

Filenames are case sensitive and **MUST** remain in original format. Additional characters cause problems with the update process.

Before updating the master controller, ensure you have completed the following tasks:

- Install the IQANgo application from the Google Play store onto a Bluetooth® enabled Android device. Refer to *3.3.2 Installing the IQANgo App – Android, page 16*
- Install an IQAN G11 Bluetooth® Module. Refer to *3.4 Installing an IQAN G11 Bluetooth® Module, page 19*
- Download the master controller software update from the MacDon Dealer Portal. Refer to *3.5 Downloading Master Controller Software Update, page 27*

1. Enable the Android device's Bluetooth® feature.
2. In the windrower cab, turn the ignition key to ACC position (A). The windrower's electrical accessories are turned ON, but the engine remains OFF.

   NOTE:

   For the following steps, you must be in or next to the windrower cab so that the Bluetooth® device can connect with the IQAN G11 Bluetooth® Module in the cab headliner.

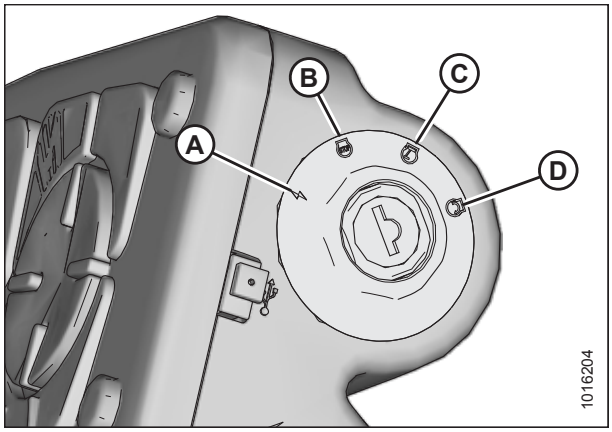


Figure 3.59: Ignition Switch on Console

A - ACC **B - OFF**
C - RUN **D - START**

3. Open up the email program and select the email message with software attachment (A).

Figure 3.60: ida4 File Attachment

Loading an ida4 file attachment if the OPEN WITH screen appears:

4. On first use after installing the app, there is a pop-up requesting which app to use to process the software. Choose IQANgo (A) and ALWAYS (B).
5. If your device does not display the iQANgo app icon (A), proceed to Step *6, page 37*, otherwise proceed to Step *15, page 41*.

Figure 3.61: ida4 File Attachment

Loading an ida4 file attachment if the OPEN WITH screen does NOT appear:

6. If the Open With screen does not appear, select options (A) from the attachment file.
7. The Save To page will display. Select DEVICE (B).

Figure 3.62: ida4 File Email Attachment

8. When download is complete, return to the device home page and select MY FILES (A) from the applications.

Figure 3.63: Android Home Page

9. From the My Files page, select INTERNAL STORAGE (A).

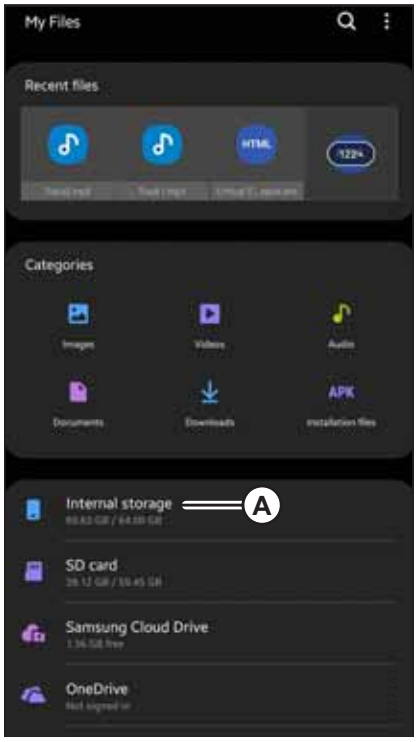


Figure 3.64: Android My Files Page

10. From the Internal Storage page, select DOWNLOAD (A).

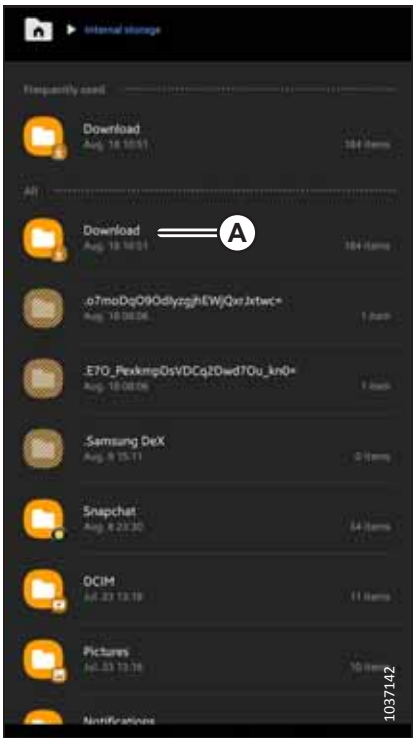


Figure 3.65: Android Internal Storage Page

11. Find ida4 file (A) from the downloaded items. Press and hold the file to select, then press COPY (B). A notification will appear when the file is successfully copied.

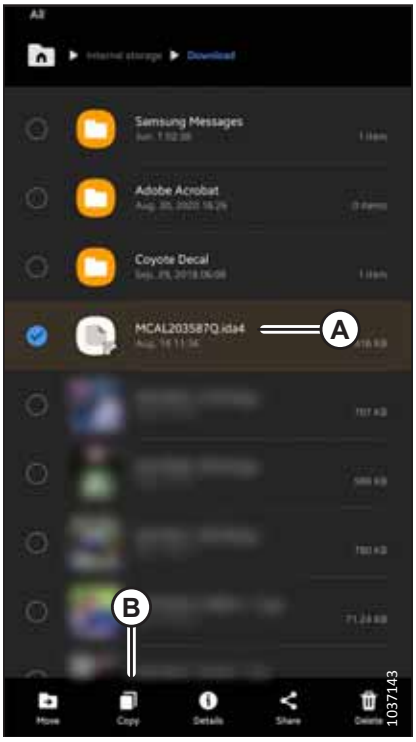


Figure 3.66: Android Downloaded Items Page

12. Select SEARCH icon (A) and enter the word iQANgo and select iQANgo Files icon (B).

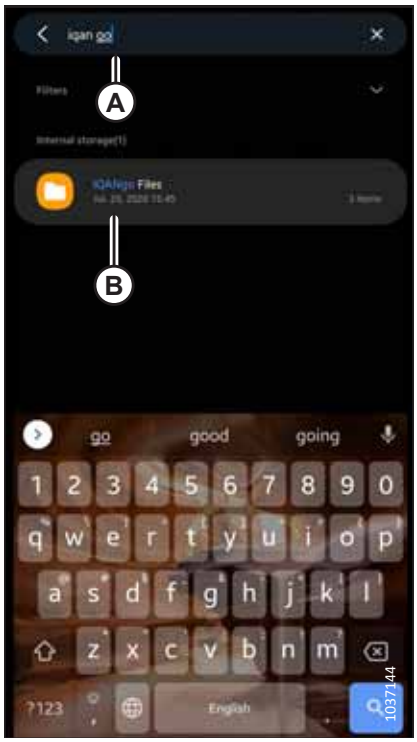


Figure 3.67: Android Search Results

13. From the lower right corner of the iQANgo Files screen, select COPY HERE (A). The file will be copied to the iQANgo file folder.
14. Return to the device home page and open the iQANgo application.

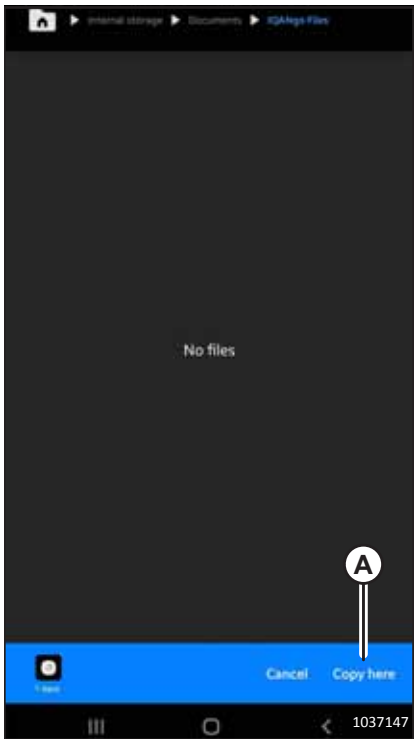


Figure 3.68: Android iQANgo Files Page

15. From the Operations list of the iQANgo app, select SEND TO MACHINE (A).

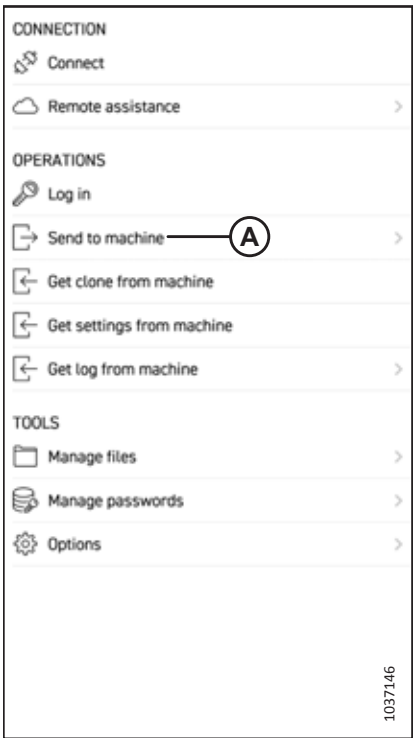


Figure 3.69: iQANgo Application

16. Select file (A) then select ICON (B) to send to system.

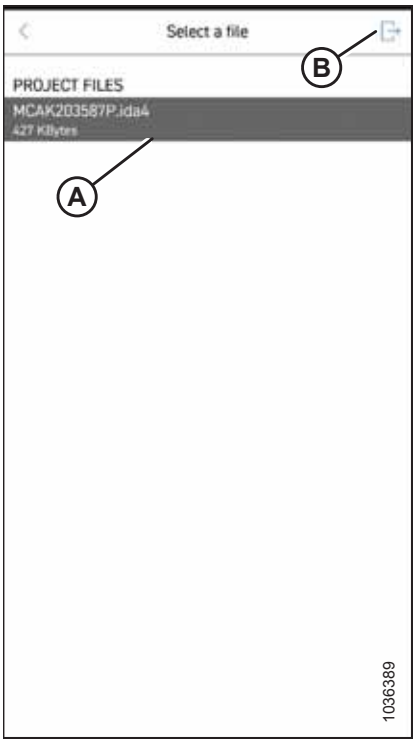


Figure 3.70: IQANgo Project Files

17. Select G11 module (A). A check mark will appear.

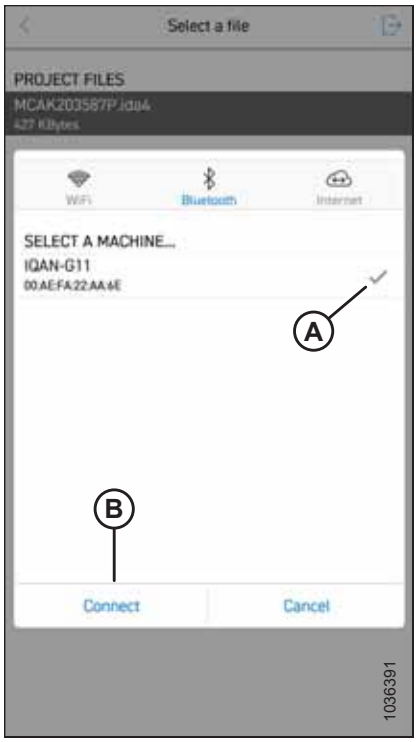


Figure 3.71: IQANgo

18. If prompted, enter the password **mac226** and select OK (A).
19. Tap on CONNECT.

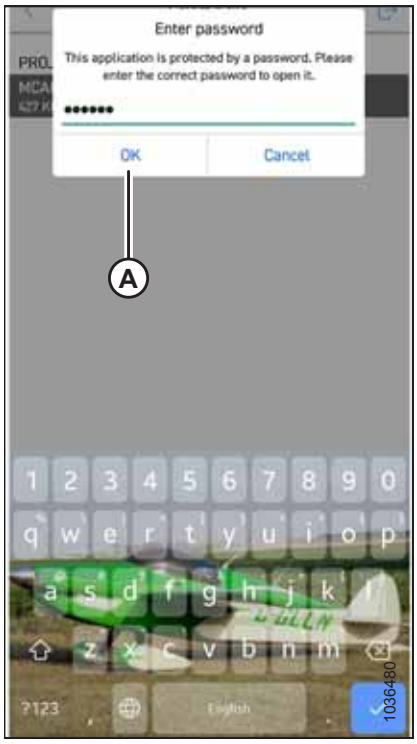


Figure 3.72: IQANgo

20. Select Yes (A) to confirm update.

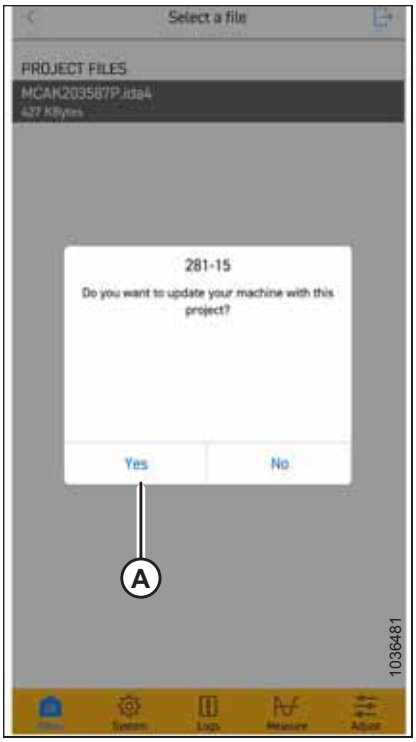


Figure 3.73: IQANgo

21. Check that the engine is OFF, the ignition key is in ACC position, and the windrower is not moving, then select OK (A) to start the update.

    IMPORTANT:

    Decline all phone calls while the update is in progress and stay in range of the IQAN G11 Bluetooth® Module in the cab headliner. Accepting phone calls or walking out of range interrupts the update and you'll need to start again.

Figure 3.74: IQANgo

22. A finalizing screen and progress bar (A) appears.

Figure 3.75: IQANgo Progress

23. When the update is complete, a SYSTEM UPDATED screen appears. Tap OK (A).

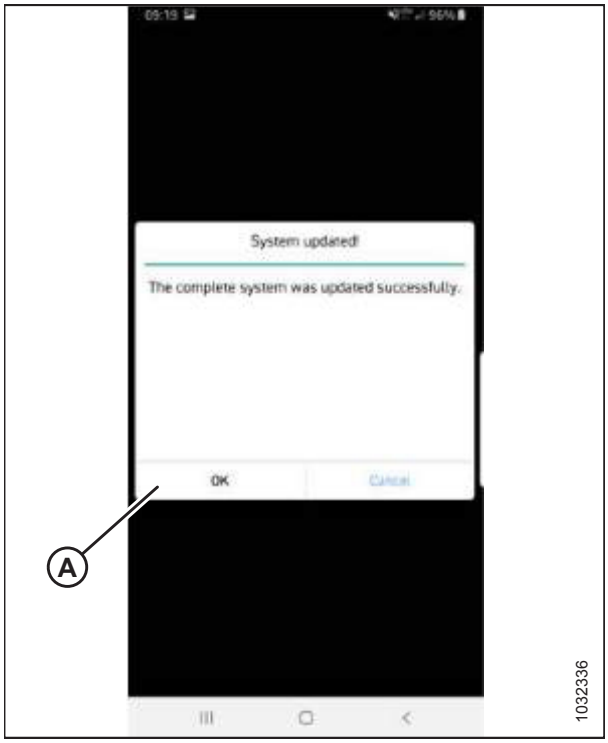


Figure 3.76: IQANgo

24. Turn windrower key to OFF position (B).
25. Turn windrower key to ACC position (A).

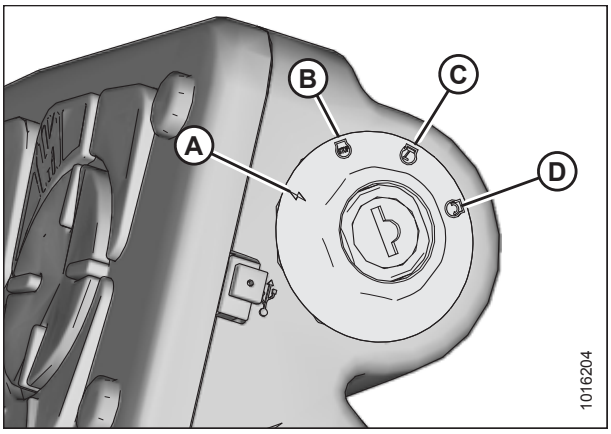


Figure 3.77: Ignition Switch on Console

A - ACC **B - OFF**
C - RUN **D - START**

IMPORTANT:

If the master controller and the Harvest Performance Tracker (HPT) display software compatibility characters do not match, an error may be displayed on the HPT. If error occurs, update the HPT display software as described in *3.2 Updating Harvest Performance Tracker Software, page 9*.

NOTE:

The header and windrower settings may have changed during the update. Please check all settings before operation.

Figure 3.78: Caution Message

3.7 Removing an IQAN G11 Bluetooth® Module

The IQAN G11 Bluetooth® Module should be removed after any software or firmware updates.

1. Locate relay module access door (A) inside the cab, in the front left corner of the headliner.
2. Turn latch (B) to open.
3. Open relay module access door (A).

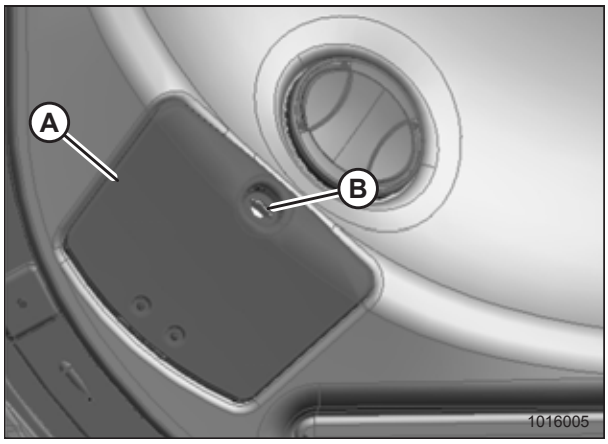


Figure 3.79: Relay Module Cover in Cab Headliner

4. Remove IQAN G11 Bluetooth® Module (A) from roof harness connector P826.

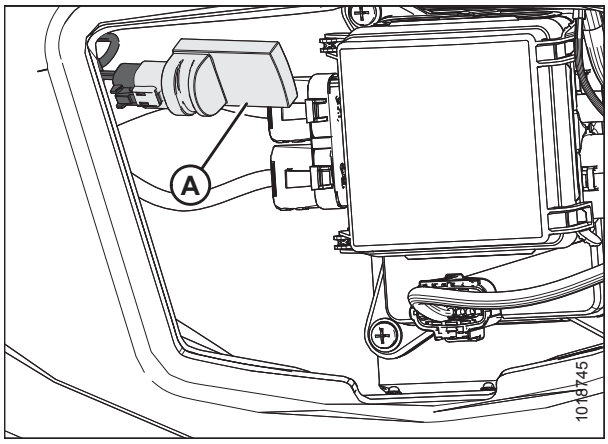


Figure 3.80: Relay Module and Harness Connector

5. Close relay module access door (A) and turn latch (B) to lock.

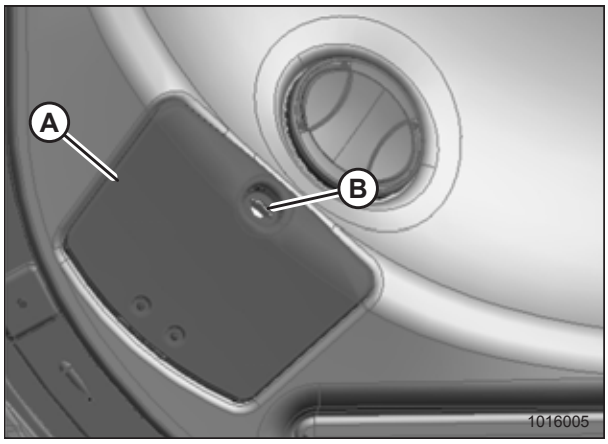


Figure 3.81: Relay Module Cover in Cab Headliner

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