

Controllers that the AGRIDGE™ Drive CAN connect to via a USB port:

Ag Leader®	InCommand™1200 / InCommand™800 / Versa / Integra
Case IH	AFS Pro 700 / FM1000™ / FM750™
John Deere	2630
Raven	VIPER4® / VIPER PRO™ / ENVISIO PRO™
Trimble	FMX / CFX-750

1. Above controllers that require an Auxiliary Power Kit

Refer to “Installing an AGRIDGE™ Drive” Section “2” below for assembly and operation instructions.

- a. **Case IH:** FM-1000™ / Case IH FM-750™
- b. **John Deere** 2630
- c. **Trimble** FMX / CFX-750
- d. **Raven** VIPER4®
- e. **Raven** VIPER PRO™
 - i. If upgraded to Windows XP 1.10.20 and Firmware version 3.10.1.3 and using the front USB port an Auxiliary Power Kit is **typically not required**; although units that are pre-2010 models typically require AGRIDGING in **Flash Drive Mode**. See page 2.
 - ii. An Auxiliary Power Kit **is required** if any of the USB ports on the back of the display have to be used.

2. Above controllers that require an Auxiliary Power Kit and a Rechargeable Battery Pack

Refer to “Installing an AGRIDGE™ Drive” Section “3” below for assembly and operation instructions.

a. Case IH AFS Pro 700

- i. The Case IH AFS Pro 700 does not have internal data storage capability. It is designed to store all data that is collected via the unit’s USB port. When operating with an AGRIDGE™ Drive, the Drive performs the function of a typical thumb drive.
- ii. **NOTE:** It is important to be sure that the AGRIDGE™ Drive is powered up completely before turning on the AFS Pro 700 controller. To do this, toggle the USB switch to the “on” position and allow 30 seconds for the Drive to completely power up. It is good practice to always turn the Controller off prior to powering down the AGRIDGE™ Drive.
- iii. There are two options for using AGRIDGE™ with a Case IH AFS Pro 700 to transport files from the Office to the Field:
 1. Configure the controller as a Case IH AFS Pro 600 and operate the Drive in **Flash Drive Mode**
 2. Configure the controller as a Pro 700

Controllers that the AGBRIDGE™ Drive CANNOT connect to via a USB port:

Ag Leader®	Insight / NL7
Case IH	AFS Pro 600
John Deere	2600
Precision PL	20/20 SEEDSENSE
Topcon	X35 / X25
Other	Any other controller with a USB or Compact Flash port

1. AGBRIDGING with ALL ABOVE controllers must be done in **Flash Drive Mode**

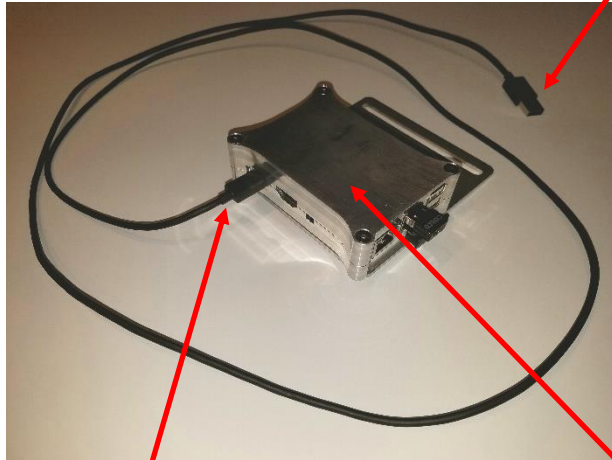
Refer to “*Installing an AGBRIDGE™ Drive*” Section “2” below for assembly and operation instructions. Note: does not require use of the 6’ micro USB Type C cable, as there is not a connection between the Drive and the controller.

- a. **Flash Drive Mode – USB Thumb Drive:** Data files are transported between the controller and the AGBRIDGE™ Drive by way of a USB thumb drive. AGBRIDGING in either direction is performed by inserting the thumb drive into one of the two unused USB ports on a Drive.
- b. **Flash Drive Mode – Compact Flash Card:** Data files are transported between the controller and the AGBRIDGE™ Drive by way of a compact flash card. A flash card reader that plugs into one of the two free USB ports on a Drive is required. AGBRIDGING in either direction is performed by inserting the compact flash card into the reader. See the AGBRIDGE™ store at www.agbridgedata.com

Installing an AGBRIDGE™ Drive

1. USB Port Powered Installation (Figures 1 & 2)

Figure 1



6' Micro USB Type C cable
(included w/ Drive)

Standard USB male plugs into controller's USB port

Figure 2



AGBRIDGE™ Drive with universal mounting plate

2. Installation requiring an Auxiliary Power Supply Kit (See Figure 3 below)

USB power switch

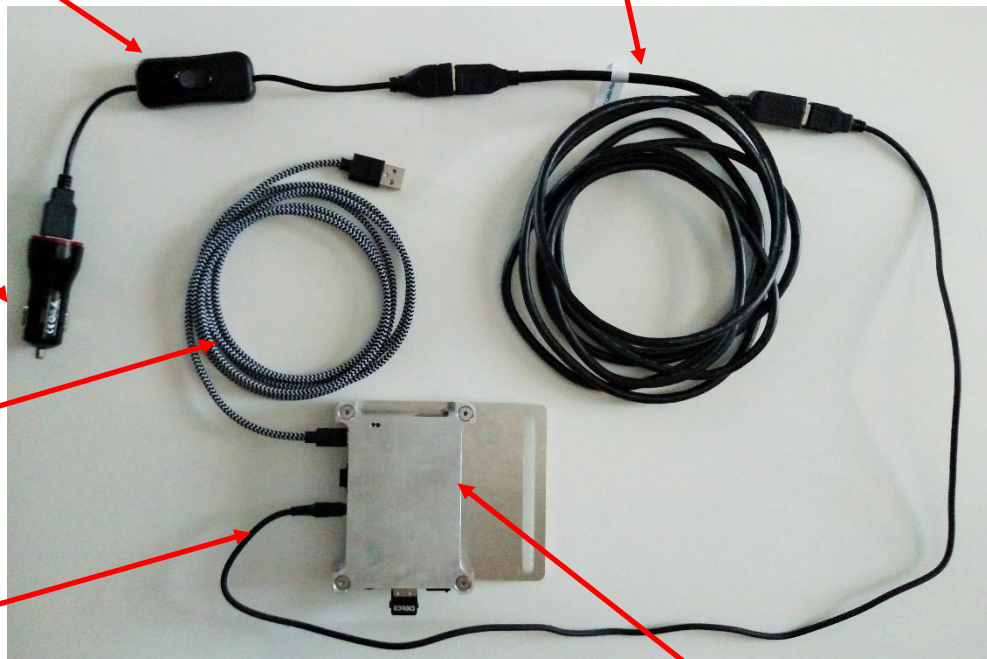
6' USB extension cable
(male to female)

Figure 3

12 volt adapter -
plugs into 12 volt
receptacle

6' Micro USB Type
C cable (included
w/Drive)

USB (male) to
barrel connector
cable - connects 6'
USB cable to
AGBRIDGE Drive

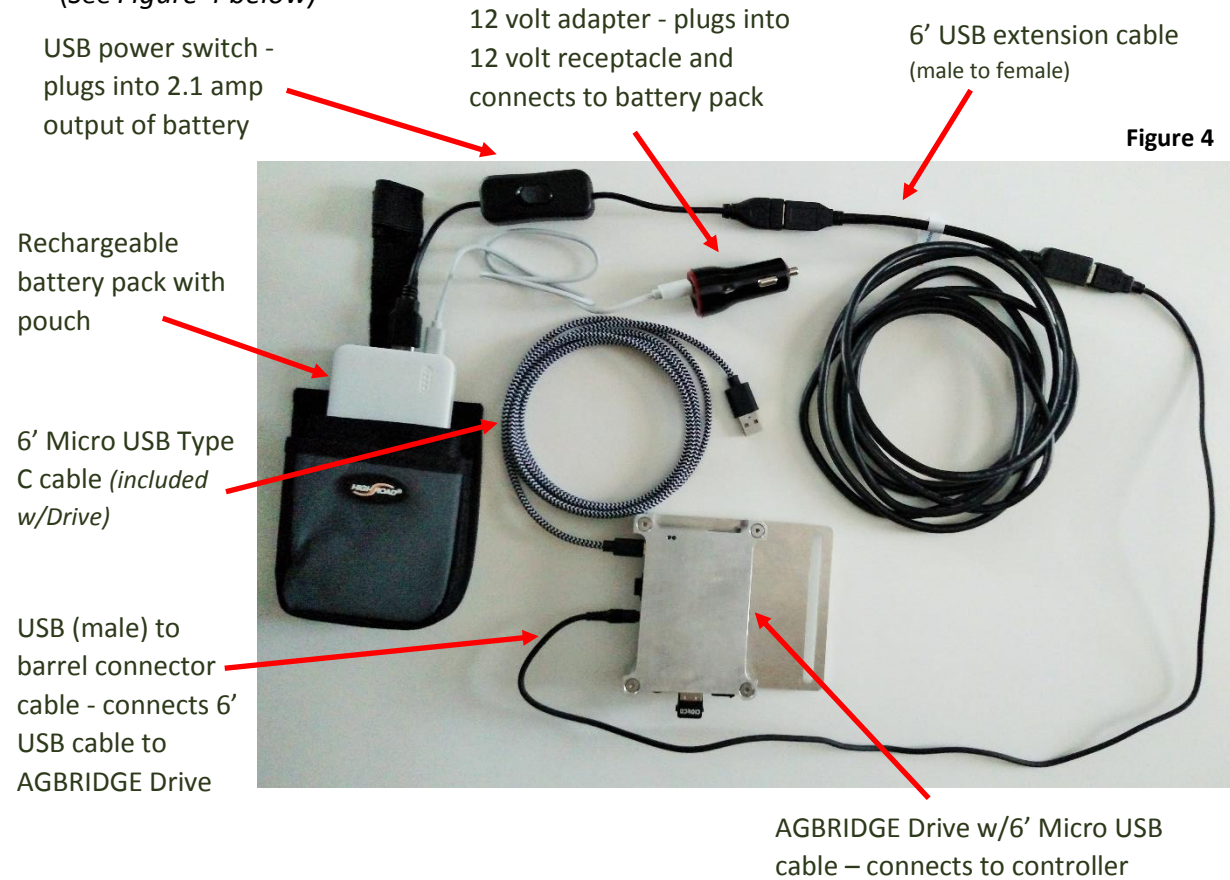


AGBRIDGE Drive w/6' Micro USB
cable – connects to controller

Section 2 Note: It is preferable to use a 12V receptacle that is connected to “switched power” when operating with only an Auxiliary Power Supply Kit. If this is the case, the USB power switch can be left on at all times. **If not, it is important to remember to toggle the USB power switch to the “off” position when finished.**

3. Installation requiring an Auxiliary Power Supply Kit + Rechargeable Battery Pack

(See Figure 4 below)



Section 3 Note 1: The rechargeable battery pack charges and discharges simultaneously when connected to a powered 12V receptacle. It is preferable to use a 12V receptacle that is connected to “switched power” if possible; however the current draw when charging is typically not enough to cause significant power drain of the equipment’s battery system. **Always be sure to toggle the USB power switch to the “off” position when finished.**

Section 3 NOTE 2: It is important to be sure that the AGBRIDGE™ Drive is powered up completely before turning on a controller that requires a rechargeable battery pack. To do this, toggle the USB switch to the “on” position and allow 30 seconds for the Drive to completely power up. It is good practice to always turn the Controller off prior to powering down the AGBRIDGE™ Drive.