

Updating Firmware Instruction Guide

It will be necessary to set up fan pressure sensor calibration after update. The hydraulics will need to be functional and a magnehelic gauge reading 0-30 inches of water is needed to correctly calibrate fan pressure.

If a gauge is not available, it is possible to run the machine and get current air pressure before downloading and use that pressure for the calibration number (given the hydraulics are not adjusted and the sensor was calibrated correctly and is currently functioning properly). The preferred and correct procedure is to use a gauge for each calibration.

Delete the object pool on monitor or run disk clean-up on your monitor.

Start by taking screenshot of pertinent information on configuration pages that may be lost during download (products, calibration #s, geometry, workswitch option, any other set-up parameters). Depending on what versions, more or less will have to be re-entered. Also capture info page screens as this info may be lost.

Montagmfg.com has current Dry Rate Controller Operations Manual, Set-up Guide, Quick Reference Guide, and video tutorials with detailed instructions.



FILES TO DOWNLOAD SHOULD BE INSTALLED ON USB KEY IN FOLDER NAMED "DOWNLOAD"

POWER DOWN, INSTALL HARNESS, DOWNLOAD BOX, AND USB KEY. POWER UP, THE LED'S ON THE DOWNLOAD BOX SHOULD BE GREEN. THIS PAGE IS THE CORRECT PAGE THAT COMES UP.

SELECT THE FOLDER BUTTON.

The screenshot shows a handheld device interface with a dark background and a central grey panel. On the left side, there is a vertical toolbar with several icons: a crossed wrench and screwdriver, a steering wheel with a green arrow, a 'Download box' button, a blue 'DIGI★STAR' logo, and a checklist icon with a green pencil. At the bottom left, there are up and down arrow navigation buttons. The central grey panel displays the following text: 'Downloadbox 1.3d 3032259206Y02014', 'Address Name', and a list of devices. The first device, '0xAC: FORTIFIER', is highlighted in blue. Below the list, there are instructions: '1. Select the device.', '2. Highlight the device.', and '3. Select a file to download.' To the right of these instructions are icons for up/down arrows, a checked box, an unchecked box, a folder icon, an information icon, and a refresh icon. The right side of the grey panel features a grid of buttons: an information icon, an up arrow, a refresh icon, a down arrow, a checked box, a folder icon, and a red 'X' button. At the bottom of the device, there is a status bar showing the time '06:51', the date '07.05.2018', a green checkmark, and a red 'X'.

Downloadbox 1.3d 3032259206Y02014
Address Name

0xAC: FORTIFIER	
-	0xAC.1: 0 Devices

1. Select the device.
2. Highlight the device.
3. Select a file to download.

Show device information

Update list

06:51 07.05.2018

SELECT THE CORRECT FILE TO DOWNLOAD USING THE UP AND DOWN ARROWS. THE I (INFO) BUTTON WILL SHOW THE COMPLETE TITLE NAME AND MORE (SEE PAGE 4) OF FILE SELECTED.

ONCE THE CORRECT FILE IS SELECTED (IN BLUE) PRESS THE ENTER (TRIANGLE) BUTTON.

The screenshot shows a file selection menu on a device. The menu is titled "Select file" and "USB". It lists several files, with "ME_ISO_USA_Seeder_MonTag(02.02.01)" highlighted in blue. Below the list are instructions: "1. Select a directory." and "2. Start the download." To the right of the instructions are navigation arrows. At the bottom of the screen, there is a status bar with the time "06:53", the date "07.05.2018", and a green checkmark and a red X button.

Tools and icons on the left side of the screen include a wrench and screwdriver, a steering wheel icon, a "Download box" button, a "DIGI+STAR" logo, and a checklist icon with a green pencil.

Navigation and action buttons on the right side of the screen include an info button (i), up and down arrows, a list icon, a right arrow, and a return button (curved arrow).

THIS SLIDE SHOWS THE COMPLETE FILE NAME UNDER INFO BUTTON. IN THIS EXAMPLE, 02.02.01.10 IS THE VERSION BEING DOWNLOADED.

The screenshot shows a handheld device interface with a vertical toolbar on the left and a main display area. The toolbar contains icons for a wrench and screwdriver, a steering wheel, a 'Download box' button, a 'DIGI+STAR' logo, a checklist with a pencil, and up/down arrow buttons. The main display area shows 'File information' with the following details:

File name:	ME_ISO_USA_Seeder_MonTag(02.02.01.10).mec
Version:	02.02.01.10
Date:	04.05.2018
Time:	12:01:00
ME no.	30303185, 303031
HW area:	00.00.00.00AA - 99.99.99.99zz
SW area:	No range entered
Application no.:	0x11, 0x15, 0x34
Description:	Write Software, Object Pool, Pinning Table, Bootloader and Configuration Updates

At the bottom of the screen, there is a status bar with a timer showing '06:53', a date showing '07.05.2018', a green checkmark icon, and a red 'X' icon. A white arrow icon is also visible in the bottom right corner of the main display area.

THE STATUS BAR WILL SHOW PROGRESS OF DOWNLOAD. DEPENDING ON THE FILE, THIS COULD TAKE UP TO 10 MINUTES.

Download status

Address: 0xAC

Name: FORTIFIER

The update process will be performed. Do not switch the terminal off.

File: ME_ISO_USA_Seeder_MonTag(02.02.01.10).mec

Status: Delete... (7/168 - 1%)

06:53 07.05.2018

WHEN COMPLETE,
THE RESULT WILL
SHOW DOWNLOAD
WAS SUCCESSFUL
AND WILL SHOW
100%.

HIT THE BACK
ARROW AND REPEAT
WITH ALL FILES
INSTRUCTED TO
DOWNLOAD.

AFTER THE FILES ARE
DOWNLOADED, IT IS
RECOMMENDED TO
RUN THE "RESET"
FILE IF PROVIDED.

Download status

Address: 0xAC

Name: FORTIFIER

Download result:
The download was successful.

File: ME_ISO_USA_Seeder_MonTag(02.02.01.10).mec

Status: Finished
(168/168 - 100%)

Return to device list

07:02 07.05.2018

After running the file and reset file, power down and remove download harness/box and connect ISO plug to tractor. After re-powering, this screen will show. Select the correct machine type from the section box. When selected, accept with the green check. Let re-boot and then re-enter data for set-up.

