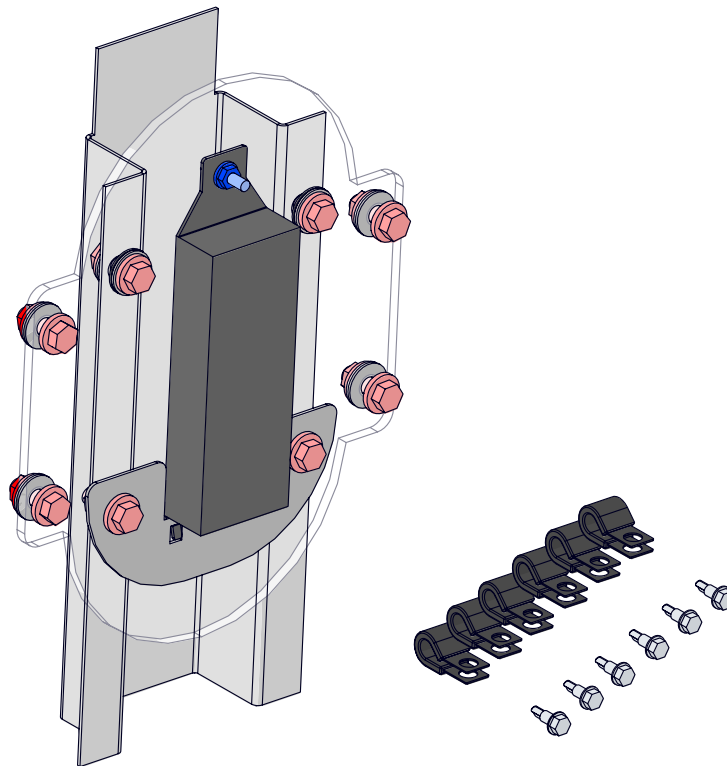




Manual

IFM-MS-3 iFARM MOISTURE SENSOR INSTALL SERVICE MANUAL

JM0080887



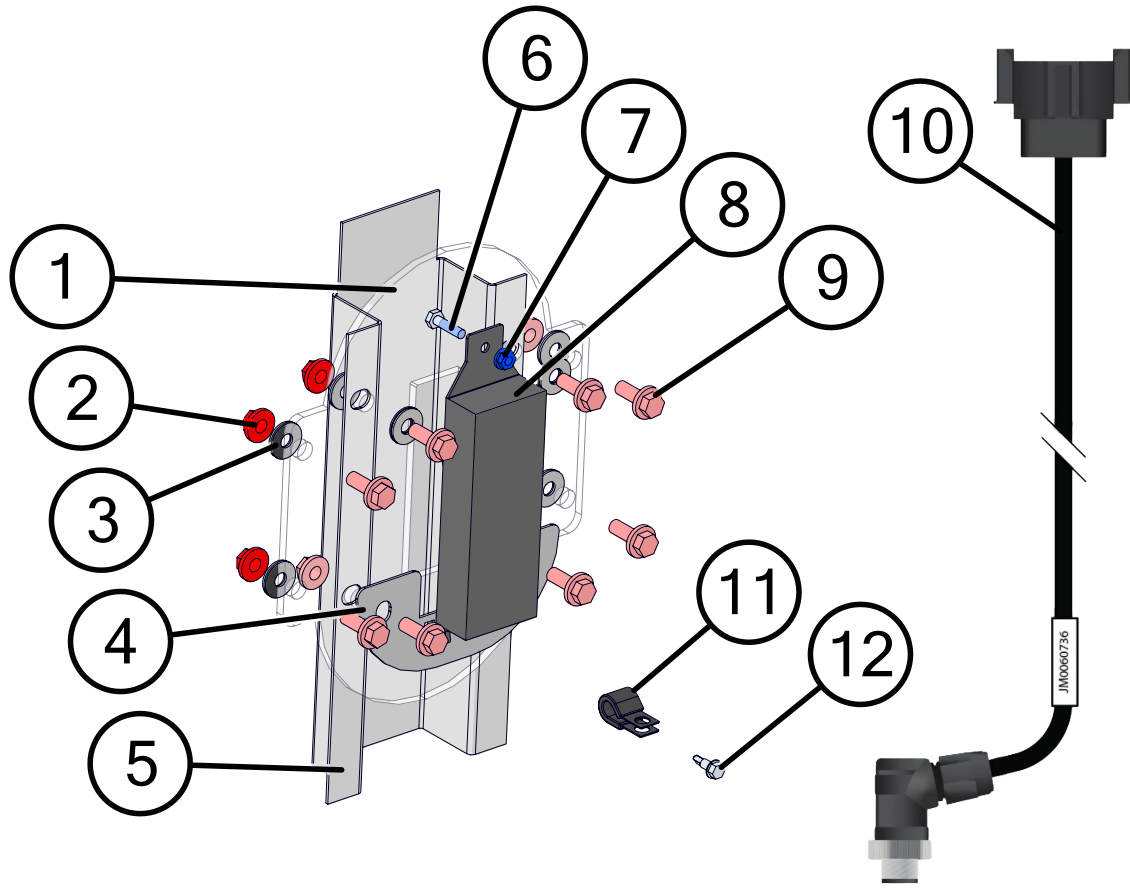
Rev. 8.22.2023

J&M Manufacturing Co, Inc

284 Railroad Street - P.O. Box 547 | Fort Recovery, OH 45846 | Ph: (419) 375-2376 | Fax: (419) 375-2708

www.jm-inc.com

Parts List



	Description	Part No.	Qty.
1	IFM-MS3 Moisture Window Mount	JM0035422	1
2	3/8"-16 Gr5 Z SF Hex Nut	JM0002152	8
3	3/8" Rubber/Metal Flat Washer	JM0030416	1
4	Window Moisture Sensor Clamp Plate	JM0038467	1
5	Moisture Sensor Shield	JM0035420	1
6	1/4"-20 x 1" Gr5 Z Hex Bolt	JM0002095	1
7	1/4"-20 Gr5 Z SF Hex Nut	JM0001630	1
8	Moisture IFM-MS Sensor Only (4001215)	JM0030860	1
9	3/8"-16 x 1" Gr5 Z SF Hex Bolt	JM0002092	8
10	9 ft Moisture Sensor Cable for IFM-MS-3	JM0060736	1
11	Wire Loom Clamp, Neoprene (3/8" hole size) (WLC-1)	JM0020450	6
12	1/4" x 3/4" Self Tapping Screw	JM0001570	6

Tools Needed

9/16" Socket and Wrench

Drill

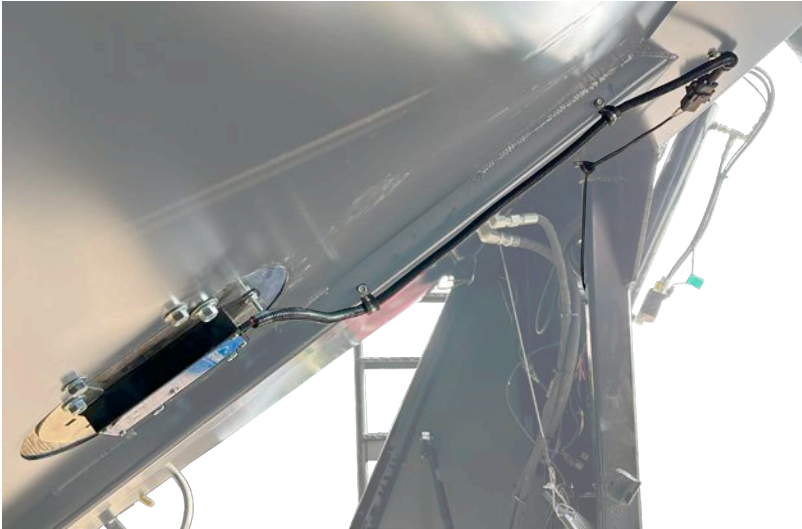
3/8" Hex Socket

Install



Remove the front lower window of your grain cart.
Install the assembled moisture window mount inside as shown and fasten with hardware.

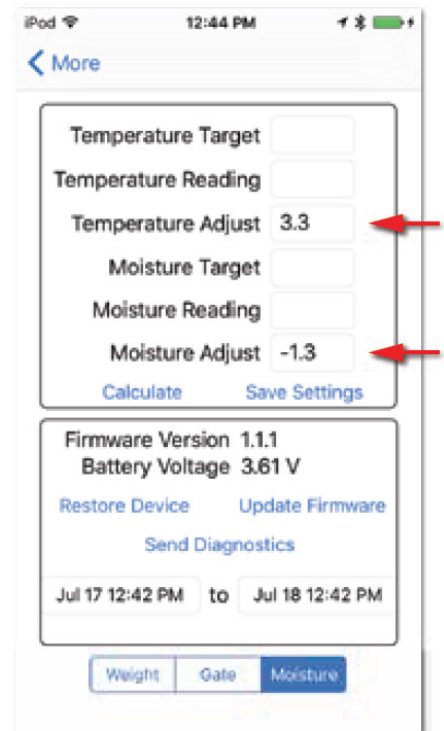
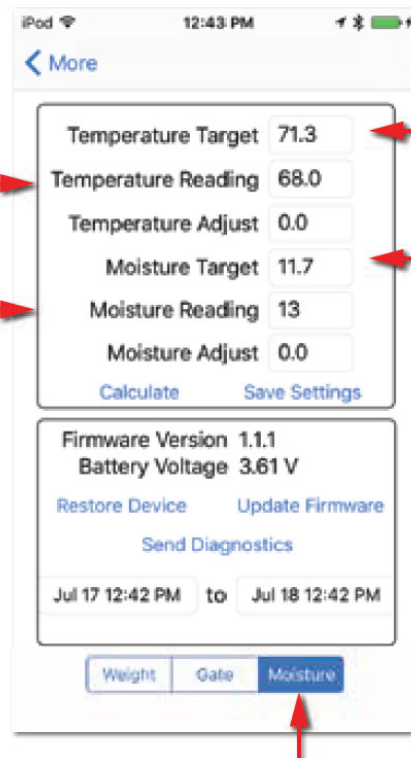
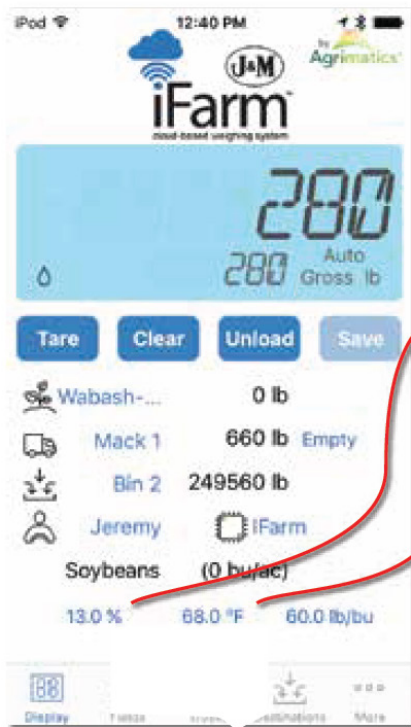
Note: Place rubber bonded washers between the bolt and the plexiglass. Tighten to a snug fit.
Over-tightening will damage the window.



Route the wire from the moisture sensor up the bracing using the wire looms provided as shown in the image to the left. Connect the 9' moisture sensor cable (JM0060736) and connect to the iFarm Cart box.



Install



What it should be

Unload one load from the grain cart. The moisture and temperature will update after every reading (1 per second). Remember the moisture and temperature readings.

Note: You must select the correct type of commodity in the field section for accurate readings. If you see a very low reading this would be the first thing to check.

In the "Device" tab select the "Moisture" setting screen. Type in the last loads moisture sensor readings in the moisture and temp reading field. Type what the moisture and temp should be from calibrated equipment. Press Calculate.

The "Target" and "Reading" numbers will disappear and the app will calculate an offset for both units. Press "Save Settings" to save the offset to the iFarm Wireless Moisture module.