

BestbaleTM

Installation Instructions

710 *Pro Series*

Massey Ferguson 1842S



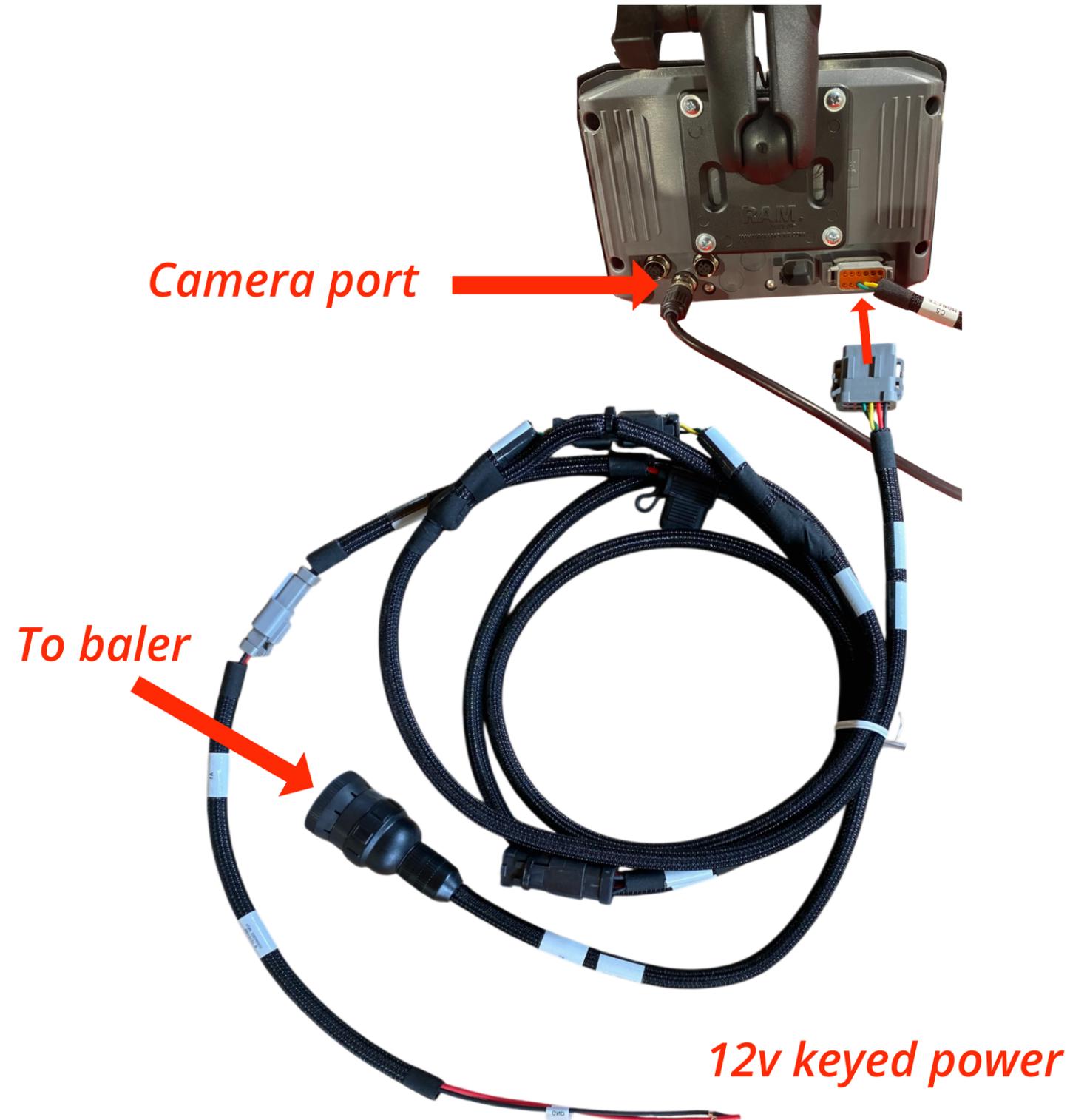
Scan for online instruction manual



Mount the monitor in the tractor



Connect cab harness to the monitor and to 12v 7.5 amp (minimum) keyed power.



Install ECU/gray controller

Install gray controller & bracket



Bracket mounting location

Install busses onto the frame

Bolt bracket onto baler using bolts on the baler



Bolt gray controller and busses onto bracket

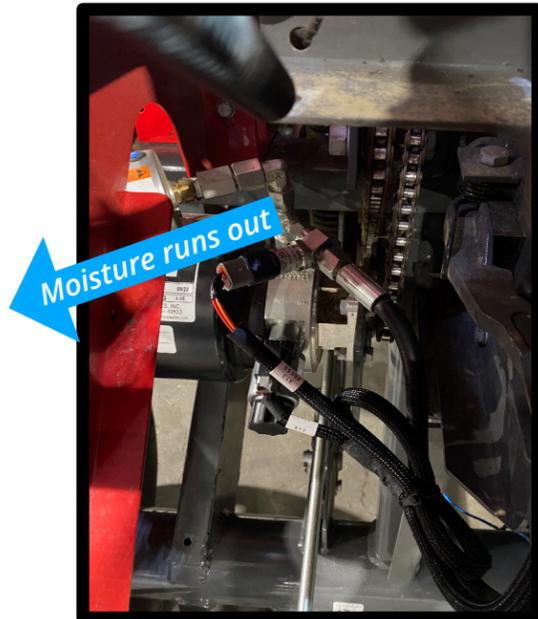


Install valve and pressure transducer



Video of valve installation (MF1840 shown)

Install tee fitting so transducer is angled downward if possible.



Properly seat black O-ring



Video of pressure transducer installation (MF1840 shown)

Remove old valve (22mm wrench) and install BestBale valve with provided 3D printed socket



Green O-ring



Check hydraulic oil level



Install bale tie sensor

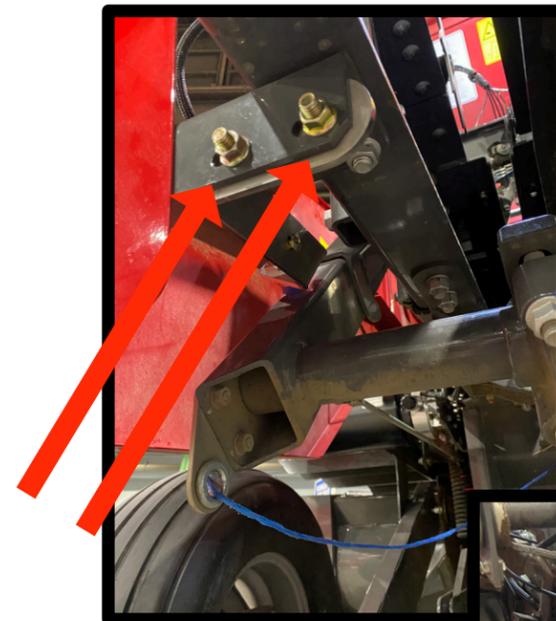


Video of bale tie sensor installation tips (MF1840 shown)

IMPORTANT: Gap must be no more than 1/4"

- 1) Check M30 x 1.5 jam nuts periodically to ensure they remain tight.
- 2) Damage caused by unsecured jam nuts are not covered under BestBale warranty.
- 3) Locktite may be used to help secure the jam nuts.

Install bracket using these two holes



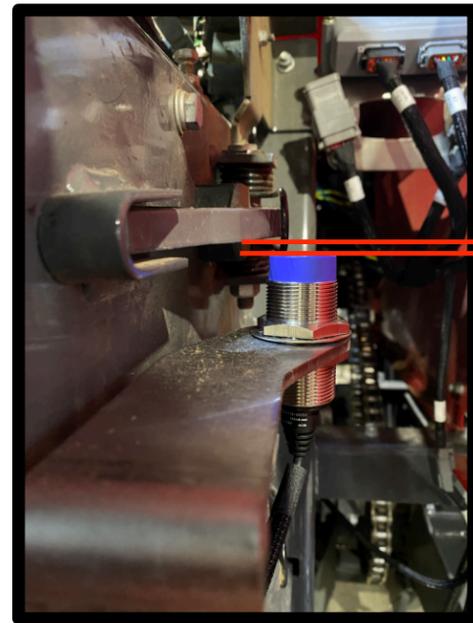
Set gap on sensor and tighten jam nuts



Install flake sensor

IMPORTANT: Gap must be no more than 1/4" when the hay dog is fully extended.

- 1) Set distance between the edge of the sensor and the "point" on the hay dog in the home position to 3/8" (9.5mm).
- 2) Open the hay dog so it is extended over the sensor and set that gap to NO MORE THAN 1/4" (7mm).



1/4"
(7 mm)



3/8"
(9.5 mm)

"Point"
on hay dog

Install scale amplifier



Video for performing a hard zero of the scale amplifier

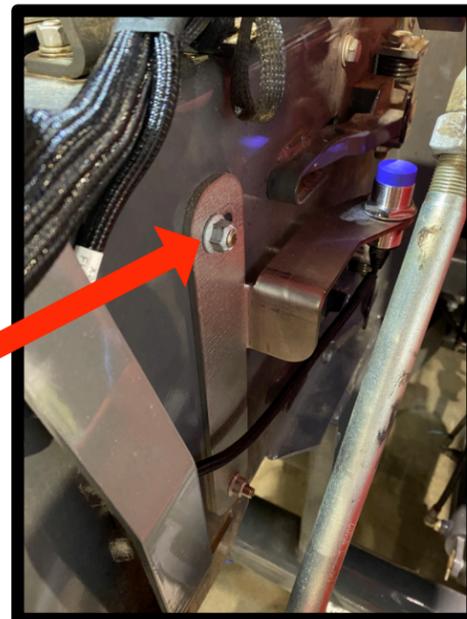
Install box to bracket,
then bracket to baler.



Connect M12 wires from scale
(no order)



Adjustment bolt



Connect X17 wire harness



Perform hard zero if necessary



Install scale

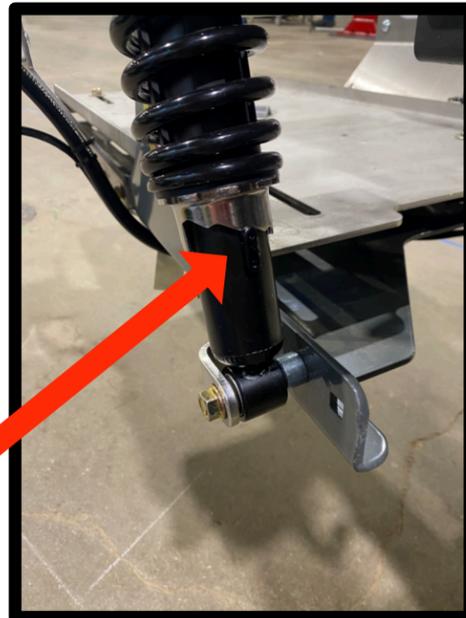


Video for F500-18 scale installation overview (MF1840)

Reverse bale chamber support bracket Install shock mount gauge & shock



Start at middle setting for 50-60 lb bales



Install spacers/washers/nuts



Install scale

IMPORTANT: Scale must weigh, drop bale, and have no weight before the next bale touches the scale.

- 1) Set the coilover spring tensioner at the bottom of the shock absorber to the middle setting
- 2) Adjust the scale platform forward/backward to desired bale length setting
- 3) Adjust upper shock mount up or down to set platform parallel with the baler chamber or slightly raised from the parallel position.

Parallel or slightly raised when empty



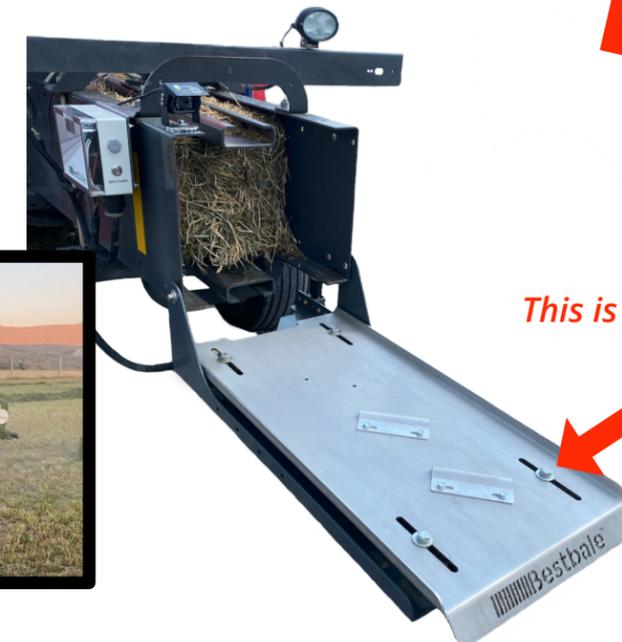
Slightly angled when loaded



Rebounds up and has no weight before next bale touches



Make sure baler is level to the ground when installed on tractor hitch.



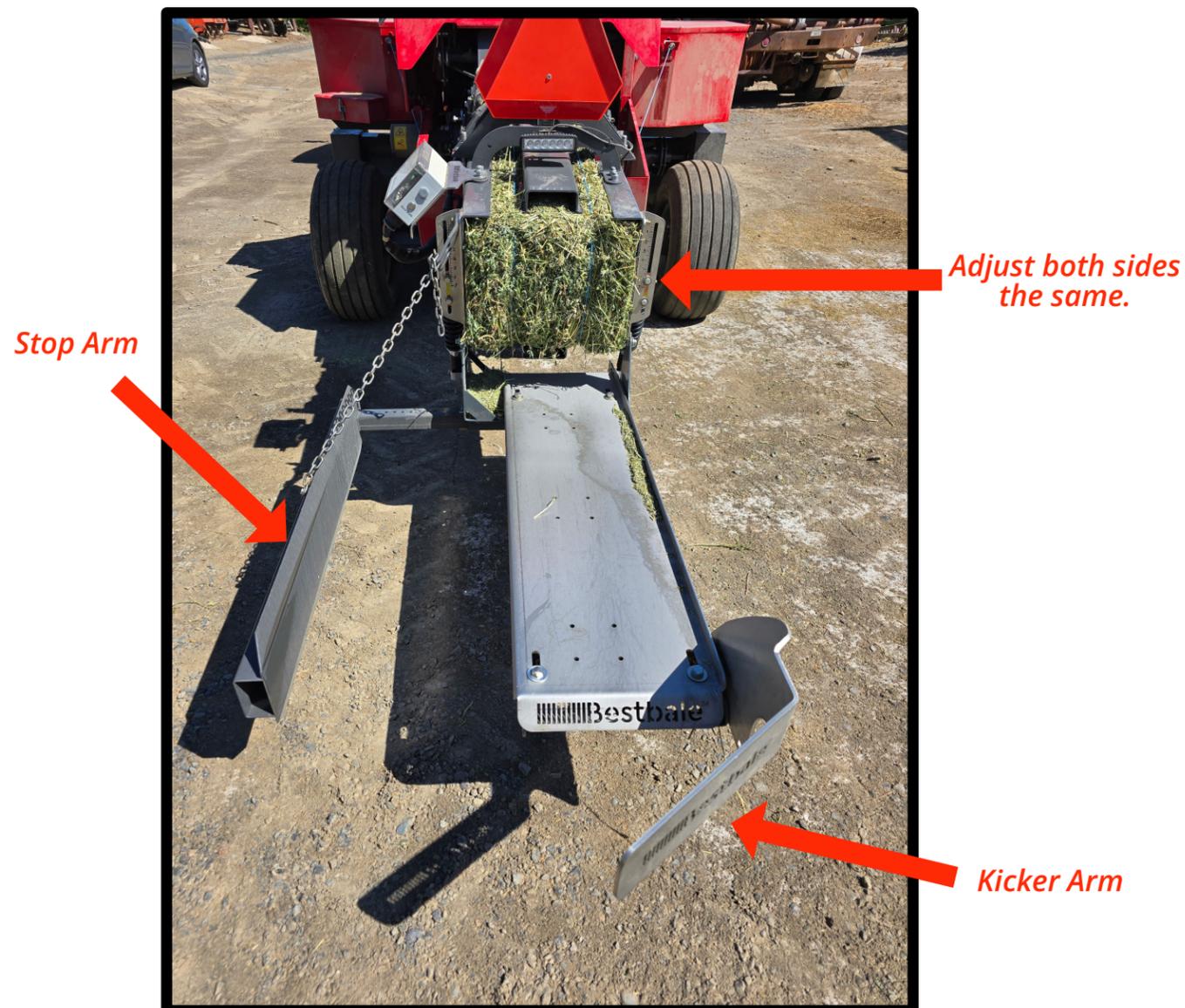
This is set for a ~36" bale

TIP: Set the platform farther forward for shorter, stickier bales, (alfalfa, steamer, etc) and farther backward for longer, more slippery bales (grass, straw, etc). Platform has adjustment for roughly 30-38" bales.

¼ Turn Scale Install

IMPORTANT: Scale must weigh, drop bale, and have no weight before the next bale touches the scale.

- 1) Set the coilover spring tensioner at the tightest setting on both sides.
- 2) Adjust the scale platform all the way forward
- 3) Adjust upper shock mounts up or down to set platform parallel with the baler chamber or slightly raised from the parallel position.
- 4) Use chain to anchor Stop Arm
- 5) Adjust Kicker Arm to kick bale off the platform before the next bale touches the scale.



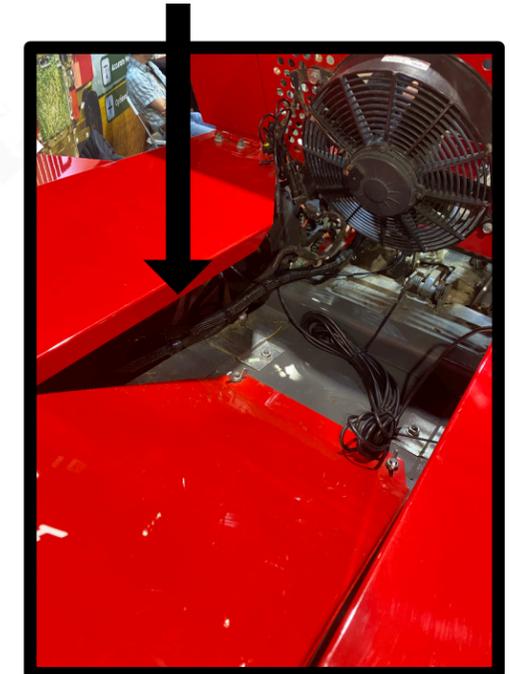
Run baler wire harness

TIP: LOOSELY secure BestBale harness to factory baler harness with zip ties until all connections are made, then tighten it to the baler harness. This gives room to adjust the harness until all connectors are fitted.

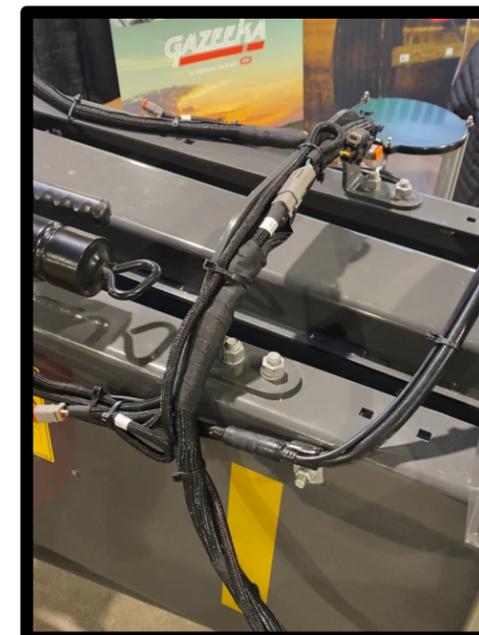
- A1/A2 Power in (12v 7.5 amp req)
- C5 Monitor
- C6 Tractor to baler
- X6 Baler to tractor
- X7 Gray controller
- X8 Gray controller
- X9 Power bus
- X10 Ground bus
- X11 Stroke sensor
- X12 Valve coil
- X13 Pressure transducer
- X14 Bale tie
- X15 Greaser lube pump
- X16 Gazeeka/aux
- X17 Scale amplifier
- X18 Greaser divider block
- X19-X20 Not used
- X21 LED lights (knotter hood)
- X22 Flake counter



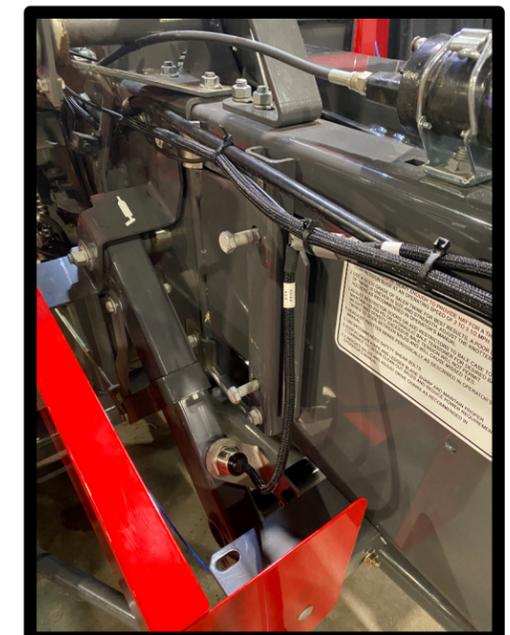
First branch off at this P clamp



Cross over baler



Run up to valve & transducer



Install Gazeeka

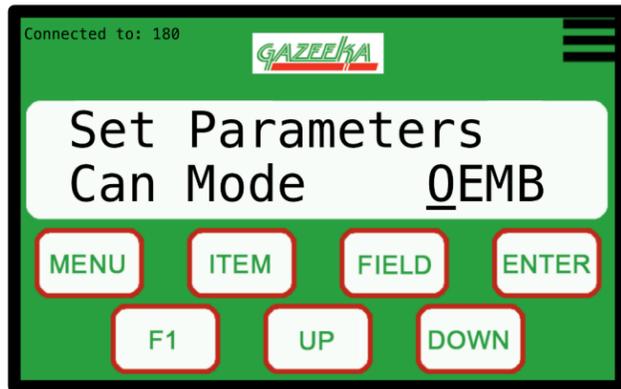


Video for Gazeeka software update

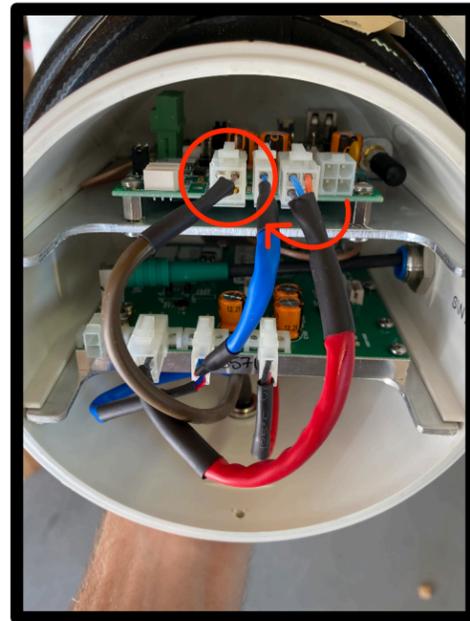


Video showing Gazeeka installed on scale

Must have Gazeeka 25.03 software or later, CANMODE set to "OEMB"



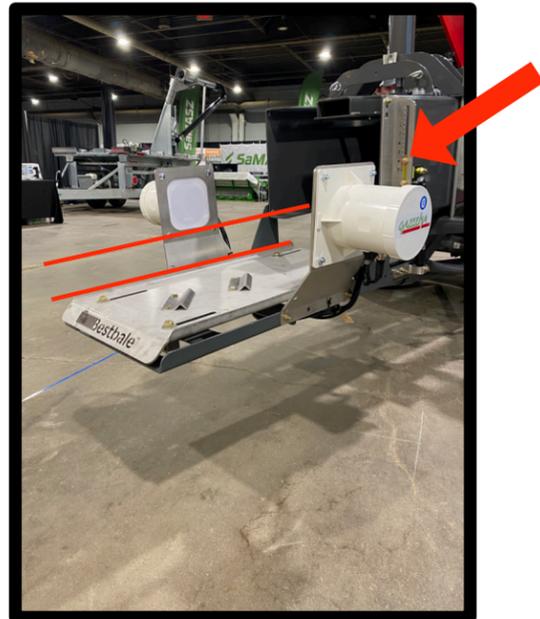
Make sure plug is inserted into left connector



Install Gazeeka brackets to scale. Air calibrate after installation.



Ensure scale is still parallel with the chamber or slightly raised



710 Pro Series Quick Start Guide



Video showing screen operation and settings adjustment

Manual Mode shown

Toggle LBS to KG



Hold 3 seconds

Quick press

Adjust target pressure (manual)
Adjust target weight (auto)

Return to Home from any screen

Toggle screens: Home, Camera (if enabled), Settings, Gazeeka Settings (if enabled), Diagnostics

Auto Mode shown at night



8 bale average changes color depending how close it is to your set target weight

Baler strokes per minute

Live scale reading

Field bale count & average weight

Instant, Average, & Peak Moisture



Start in Manual, then switch to Auto when you get the baler set after making several bales.

Flake counts: (white is current, orange is last 3).



Green dots above weights: The green dots appear when the shown weights are representative of the current pressure setting. If you make an adjustment in Manual or Auto, the weights will dissappear, and reappear after enough bales have been made to reflect the new pressure setting.



In Auto mode, the control tile shows 3 numbers. The top is your set target weight. Use the UP/DOWN Arrow keys to adjust the target weight.

The middle number is the target pressure the BestBale system is telling the baler to be at.

The bottom number is the actual baler pressure.

Still have questions? Give us a call!

Jared Herbst (208) 993-1959 cell (Facetime available) or email at jared@bestbaleusa.com

Darren Herbst (208) 557-1607 cell or email at darren@bestbaleusa.com