



# RIGHT WEIGH 201-EBT-01B Load Scale Bluetooth Single Port Digital Scale Instructions

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**RIGHT WEIGH 201-EBT-01B Load Scale Bluetooth Single Port Digital Scale**



## INTRODUCTION

MSU Model #(circle one):	<b>201-EBT-01B</b> (1 air sensor)	<b>201-EBT-02B</b> (2 air sensors)	<b>201-EBT-04B</b> (4 air sensors)	
MSU Firmware #(check one): & MSU Hardware Version:	<input type="checkbox"/> 42.008* & RWLS-0-42-2(SKU-A)	<input type="checkbox"/> 42.010* & RWLS-0-42-2(SKU-A)	<input type="checkbox"/> 51.001* & RWLS-0-51-3	<input type="checkbox"/> 52.001* & RWLS-0-52-1
<input type="checkbox"/> 52.002 & RWLS-0-52-1				
<small>*Category B - Approved for use on prime movers only, Category A - Approved for use on all vehicles</small>				
MSU ID: Bluetooth MAC Address: _____				
RS232 Serial Number: _____				

## INSTALLATION

Please follow the installation and set-up steps in the Installation & Operation Manual to correctly install the MSU and record the completion on this form.

**Note:** This information can be found on the product label on the outside of the packaging box. If packaging has already been discarded, follow the steps below to identify each value.

1. With the MSU off, press and hold the MENU button, press the ON/OFF button, and then release both. The display will show the MSU Firmware # (ex. 42.010).
2. Press the MENU button 2 times, the display will show the last 4 characters of the MSU ID (ex. 42:28). This will help identify the MSU in the Right Weigh Bluetooth App where the full MSU ID is displayed.
3. Using the Right Weigh App, first delete the MSU if it has already been connected to. Press "+Add Gauge" to prompt the app to scan for the MSU. Once the app finds the MSU, it will display the scale name and directly below it will be the MSU ID (ex. 84:71:27:AC:42:28). The last 4 characters of the MSU ID should match the ones displayed in Step 2.

**Operating Mode (circle one):**

\*Refer to Operating Mode section of the Installation & Operation Manual.

## Category B Only – Security Seals

Tamper-Evident Label Serial #: \_\_\_\_\_

Enclosure Cable Seal Serial #: \_\_\_\_\_

Bracket Cable Seal Serial # (if applicable): \_\_\_\_\_

Name of Installer: \_\_\_\_\_

Date of Installation: \_\_\_\_\_

Time of Installation: \_\_\_\_\_

## CALIBRATION LOG

Please follow the calibration steps in the Installation & Operation Manual to correctly calibrate the MSU. The MSU MUST be checked for accuracy every 6 months and re-calibrated. Log calibration data (before and after) in the table below:





Check that all characters are on, see the example image on the left. Check the box in the Maintenance Log if all characters are present.

- **BLUETOOTH (screen #3)**



This screen displays a unique Bluetooth identifier programmed on the MSU. This is the number you will see when connecting to a smart device for the first time. If there is an identifier displayed, check the box in the Maintenance Log. If this is blank, the Bluetooth transmitter has failed. Disconnect from power, reconnect, wait 10 seconds, and try again.

- **AIR SENSOR(S) (screen #4)**



This screen displays the air suspension pressure (in psi) measured by the internal air sensor(s) and should be between 18 and 90 psi with the vehicle's air bags inflated. If applicable, press the UP arrow to display the pressures for the second, third, and fourth air sensors. If all air sensors are within the range, check the corresponding box in the Maintenance Log.

- **BAROMETRIC SENSOR (screen #5)**



This screen displays the barometric pressure (in psi) measured by the barometric sensor and should be between 13 and 16 psi. If the value falls within this range, check the corresponding box in the Maintenance Log.

- **KEYPAD TEST (screen #7)**



This screen will show “PAD 0” and pressing each of the buttons should show a separate number listed below:

<sup>1</sup>  = PAD 1

<sup>3</sup>  = PAD 3

 = PAD 5

<sup>2</sup>  = PAD 2

<sup>4</sup>  = PAD 4


Check that all buttons are working properly. If all buttons are working, check the corresponding box in the Maintenance Log.

Press the MENU button to go back to the firmware number (screen #1) and then press the ON/OFF button to power off the gauge and exit “Diagnostics Mode”

## MAINTENANCE LOG

Date	Time	Display	Bluetooth	Air Sensor(s)	Barometric Sensor	Keypad Test	Name	Initials
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		


## DOCUMENT REVISION LOG

REVISION	DATE	PAGE	SUMMARY	AUTHORIZED BY
A	5/19/2020		Preliminary Release	H. Gooding
B	7/20/2020	1, 2	Re-calibrate every 6 months, remove BT logo from gauge sticker, update firmware # to 42.008, add revision log.	H. Gooding
C	7/29/2020	1, 2	Removed calibration, created specific maintenance steps to check, added gauge ID and truck VIN # separately.	H. Gooding
D	9/22/2020	2	Made document 2 pages instead of 3.	H. Gooding
E	10/16/2020	ALL	Combined the Installation, Calibration, and Maintenance Logs into one document.	H. Gooding
F	7/30/2021	ALL	Reorganized information, replaced “axle group location” with “vehicle type”, updated wording on other MSU fill-in fields, added new Hardware Version and Firmware # options.	K. Nolan
G	8/12/2021	1	Update for Category B – added fill-in fields for security seal serial #'s.	H. Gooding
H	9/30/2021	1	Added instructions for identifying MSU Model, FW #, HW Version, and MSU ID.	H. Gunnell / K. Nolan
I	10/8/2021	1	Updated “MSU ID” to “MSU ID/Bluetooth MAC Address”.	K. Nolan
J	10/28/2021	1	Added 52 board to list of FW and HW options.	H. Gunnell
K	12/6/2021	1	Added 52.002 FW	H. Gunnell
L	2/28/2022	1	Added notation specifying that FW versions prior to 52.002 are approved for use on prime movers only (Cat B).	K. Nolan
M	2/28/2022	1	Added fill-in field for “RS232 Serial Number” .	K. Nolan
N	6/21/2022	1	Update VIN # to Registration #	H. Gunnell RIGHT WEIGH 

## CONTACT US!

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Documents / Resources



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201-EBT-01B, 201-EBT-02B, 201-EBT-04B, 201-EBT-01B Load Scale Bluetooth Single Port Digital Scale, 201-EBT-01B, Load Scale Bluetooth Single Port Digital Scale, Bluetooth Single Port Digital Scale, Single Port Digital Scale, Port Digital Scale, Digital Scale, Scale

References