Name of Installer: _____

Date of Installation:

Time of Installation:



FOR 201-EBT-01B, 201-EBT-02B, & 201-EBT-04B

PP-003-0065 REV N

Right Weigh 201-EBT-01B, 201-EBT-02B, and 201-EBT-04B load scales are TCA (Transportation Certification Australia) Type-Approved Mass Sensor Units (MSUs), part of a Category A and Category B Type-Approved On-Board Mass (OBM) system. This organization approves automotive technology that follows a set of guidelines to ensure consumer safety and device reliability. For more information visit their website at: https://tca.gov.au/publication/obm-system-specification/

Please follow the instructions in the Installation & Operation Manual to correctly install and calibrate the MSU. To comply with TCA requirements, the following pages must be used to record the installation and all calibration and maintenance events. This document must be kept with the vehicle at all times.

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. Registration Number: Dolly Vehicle Type(circle one): Prime Mover Trailer MSU Model #(circle one): 201-EBT-01B 201-EBT-02B 201-EBT-04B (1 air sensor) (2 air sensors) (4 air sensors) MSU Firmware #(check one): 42.008* 42.010* 51.001* 52.001* 52.002 & & & & & MSU Hardware Version: RWLS-0-42-2(SKU-A) RWLS-0-42-2(SKU-A) RWLS-0-51-3 RWLS-0-52-1 RWLS-0-52-1 *Category B - Approved for use on prime movers only, Category A - Approved for use on all vehicles MSU ID: Bluetooth MAC Address: ______ RS232 Serial Number: _____ 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. S-AVG Operating Mode (circle one): **AVG IDP** *Refer to Operating Mode section of Installation & Operation Manual Category B Only - Security Seals For information on security seals refer to 909-SSK Installation Manual (PP-003-0081) Tamper-Evident Label Serial #: _______ Enclosure Cable Seal Serial #: Bracket Cable Seal Serial # (if applicable): ______



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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.

				Date	7
				IIme	1
				Empty Weight BEFORE Calibration	
				Empty Weight AFTER Calibration	Axle G
				Loaded Weight BEFORE Calibration	Axle Group 1
				Loaded Weight AFTER Calibration	
				Empty Weight BEFORE Calibration	
				Empty Weight AFTER Calibration	Axle Group 2
				Loaded Weight BEFORE Calibration	
				Loaded Weight AFTER Calibration	
				Name	
				Initials	-



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MAINTENANCE

To be sure the MSU is functioning properly, a maintenance check is required every 6 months. Follow the below steps to check MSU functionality. Check the corresponding box in the Maintenance Log (on the following page) after each test is performed with a passing result.



With the MSU off, hold down the MENU button, press the ON/OFF button, and release both simultaneously. This will enable "Diagnostics Mode".

When the display turns on it will show the firmware number (screen #1). Press the MENU button to cycle through the following screens.



DISPLAY (screen #2)

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 disply 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:









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".



If the MSU doesn't pass any of these checks, please call Right Weigh technical support for assistance.



FOR 201-EBT-01B, 201-EBT-02B, & 201-EBT-04B

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MAINTENANCE LOG

Date	Time	Display	Bluetooth	Air Sensor(s)	Barometric Sensor	Keypad Test	Name	Initials

DOCUMENT REVISION LOG

REVISION	DATE	PAGE	SUMMARY	AUTHORIZED BY
Α	5/19/2020		Preliminary Release	H. Gooding
В	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
С	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
Н	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
М	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

CONTACT US!

Smart Truck Solutions +61 418 622840 rightweigh.com.au Follow Us!







