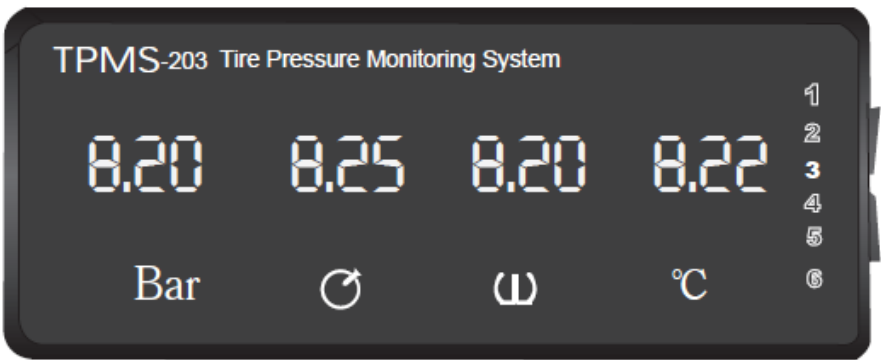


AUTO GENUINE PRODUCTS

Application Models: Buses & Trucks & Trailers & OTR

- Your purchase of genuine products from Baolong is greatly appreciated.
- Please read this user’s manual carefully to ensure proper operation.



User’s Manual for TPMS203

The Fifth Edition

Part No.	Ma Sensing Pressure	Standard Cold Inflation Pressure	Low Pressure Warning Limit	High Pressure Warning Limit
TPMS203	12.8Bar 185PSI	5.0~9.8Bar 72.5~142PSI	20% decrease from baseline pressure	30% increase from baseline pressure

- For baseline pressure, the value should be set within the range of standard cold inflation pressure.
- Keep your tyres properly inflated at all times; either under-inflation or over-inflation may shorten the transmitter’s battery life and cause system malfunction.

Shanghai Baolong Automotive Corporation reserves the right to change the contents of this manual at any time without notice. The information contained in this manual is proprietary and must not be reproduced without prior written consent from Shanghai Baolong Automotive Corporation.

# ATTENTION

Default values have been assigned to each axle for the following:

**Standard Cold Inflation Pressure (SCIP)** – you can find on the tyre sidewall

**Baseline Pressure** – 6Bar / 87PSI (default), can be reset by user according to SCIP

**Low Pressure Warning** – -20% deviation from baseline pressure

**High Pressure Warning** – +30% deviation from baseline pressure

**High Temperature Warning** – Over 80°C / 176°F

**Leakage Warning** – Air lose is more than 0.33 Bar / 4.8PSI in 16 seconds

No vehicle ID box and trailer box are provided for buses or straight trucks, so you can flip over these parts with “x”.

	Part I			Part II				Part III	Part IV	Part V
	1.1	1.2	1.3	2.1	2.2	2.3	2.4			
Buses Straight Trucks		x	x		x				x	

▲ Please read this User's Manual carefully before using this product.

▲ TPMS-203 has been developed specifically to address the challenges of tyre pressure monitoring on large-scale and multi-wheeled commercial vehicles.

▲ TPMS-203 is designed to monitor tyre pressure and temperature. It is not designed to provide warning of sudden critical tyre damage and blowout caused by external effects. The driver should react promptly to any warning and correct the problem.

▲ Tyres may fail for other reasons except for low pressure or overloading. Always be on alert for any tyre problems as indicated by unusual noises, vibrations, uneven tread wear, or bulges on the tyre! If any of these symptoms occur, please have the tyres checked immediately by a professional!

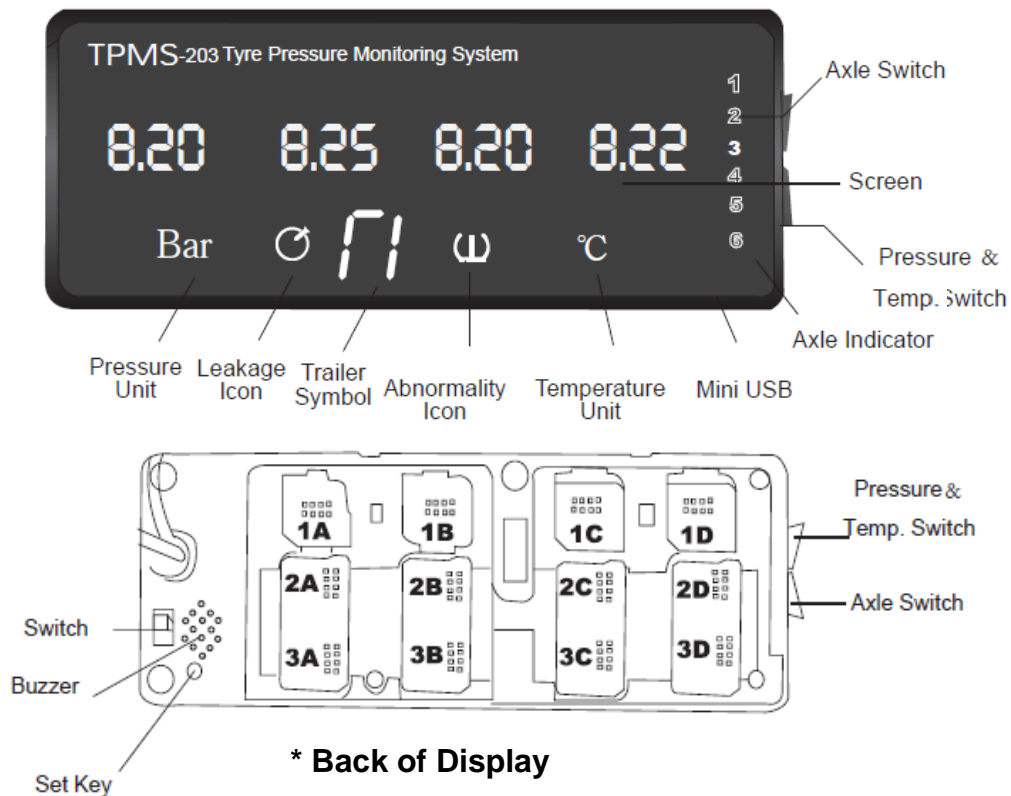
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# Part I INTRODUCTION

## 1.1 Display

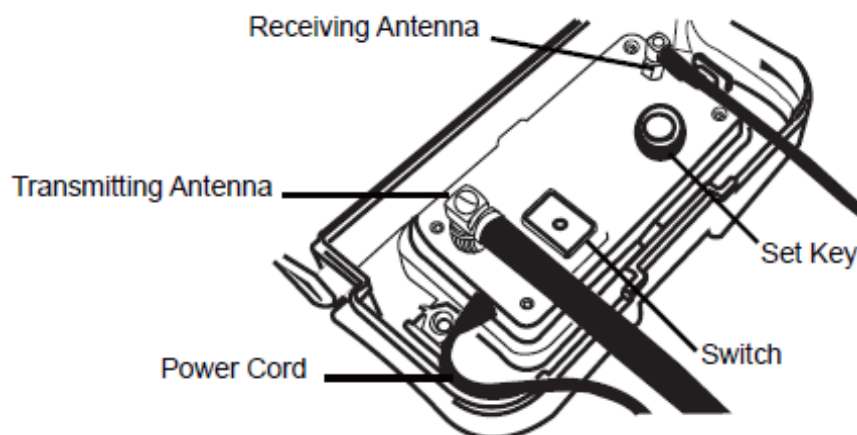
The display monitors pressure and temperature information of each tyre in a visual form continuously. This system can monitor up to 6 axles as well as enable baseline pressure adjustment to suit different tyre specifications.



Controls and Indicators	Functions
<b>Axle Switch</b>	Press it to circularly show the data of each axle
<b>Pressure &amp; Temperature Switch</b>	Press it to scroll through the pressure interface and temperature interface
<b>Axle Indicator</b>	Display circularly shows the data of six axles
<b>Bar</b>	Pressure unit
<b>°C</b>	Temperature unit
	Leakage icon
	Abnormality icon: low / high pressure and high temperature
<b>Switch</b>	Turn on or off the display
<b>Buzzer</b>	Give audible alert when the tyre is abnormal
<b>Set Key</b>	Press it to set baseline pressures of truck according to your tyres' cold inflation pressure
<b>ID Module Slot</b>	ID modules are used to register Transmitters' ID code into the display that will recognize wheel positions
<b>Mini USB Port</b>	To download data from display via RS232 cable. If you need other data download modes, please consult our distributor

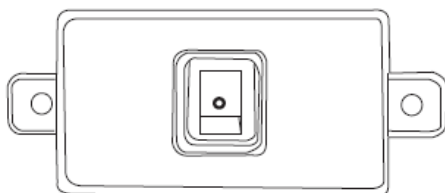
## 1.2 Trailer Box

The Trailer Box is mounted onto the trailer to read trailer tyres' information and relay data to the display wirelessly.



Controls and Indicators	Functions
Receiving Antenna	Collect trailer tyres' information
Transmitting Antenna	Send trailer tyres' information to display wirelessly
Switch	Turn on or off the trailer box
Set Key	1) Press it for 8 seconds (red light) to set baseline pressures of trailer. 2) Press it for 4 seconds (green light) to register the trailer.

## 1.3 Vehicle ID Box



The Vehicle ID Box is powered by a lithium battery and installed on the tractor. Distance between Trailer Box and its corresponding Vehicle ID Box should be no more than 1 meter, to allow them to communicate.

## Part II OPERATION

### 2.1 Getting Started

**For tractor with trailer:** firstly turn on the display and trailer box, then register trailer into display (Refer to Part IV) and set the baseline pressure for each axle.

**For bus / straight truck / OTR:** firstly turn on the display, then set the baseline pressure for each axle.

The screen will show "000" until the data from the transmitters are received. When the data

from all transmitters has been received, the display will show the data on the screen until a warning condition is detected.

**NOTE:** Before doing the following operations, please ensure that ID modules are plugged.

## 2.2 Setting the Baseline Pressure

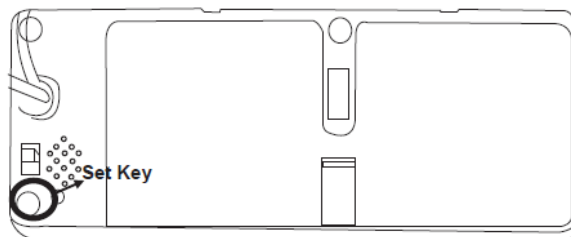
The baseline pressure has been set in the factory at 6 Bar (87PSI) for all wheel positions. We recommend that you set the baseline pressure at the standard cold inflation pressure recommended by the tyre manufacturer.

**NOTE:** It's necessary to set baseline pressure in the following conditions:

1. First installation
2. Wheel Rotation
3. Replacement of transmitters and ID modules.

### 2.2.1 Tractor

1. Inflate all tyres' pressures to their standard cold inflation pressure.
2. Press the **Set Key** on the back of the display quickly to check the baseline pressure set by manufacturer (6 Bar/87 PSI).
3. Press the **Set Key** on the display for 5 seconds, you will hear a "Di" sound, all backlights will flash and then the screens will show "000". It means the Trailer Box has entered setting baseline pressure mode.
4. For each tyre, the first pressure value received will be saved as the new baseline pressure automatically.



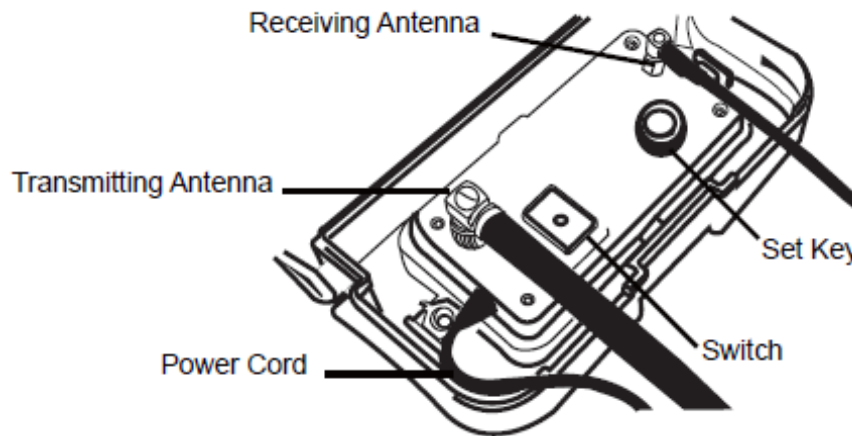
### 2.2.2 Trailer

1. Inflate all trailer tyres' pressures to the standard cold inflation pressure.
2. Keep the switch on the Trailer Box On.
3. Keep pressing the **SET Key** for 8 seconds, the light turns red, it means the Trailer Box has entered setting baseline pressure mode.

**NOTE:** During the period, the LED light will turn green at first, entering registration mode. Please keep pressing until the light turns red.

4. For each tyre, the first pressure value received will be saved as the new baseline

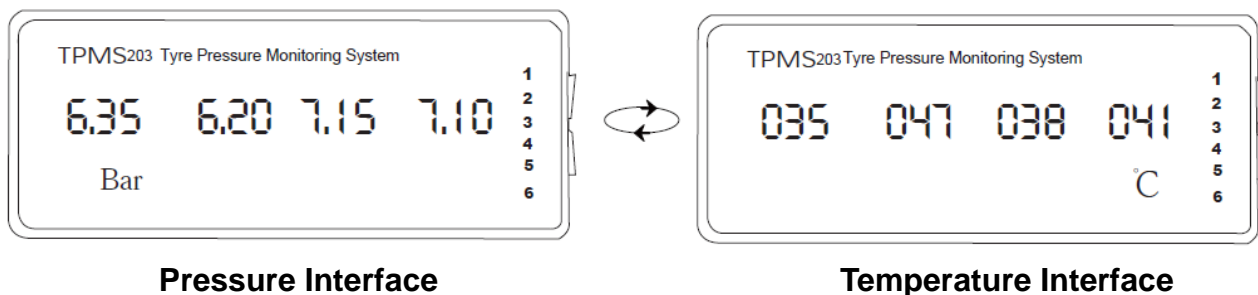
pressure automatically. The Trailer Box will exit setting baseline pressure mode automatically when signal from all trailer transmitters are received.



**NOTE:** After the display has received all transmitters' pressure value, you can press the **SET Key** on the display to look up all tyres' baseline pressures, axle by axle.

## 2.3 Checking Tyre Conditions

1. After data from all transmitters is received, the display will show each axle's data for 5 seconds and automatically shift to next axle when all tyres are normal. You can also press the **Axle Switch** to look up tyre data axle by axle quickly.
2. The display keeps showing the axle that has an abnormal warning.
3. If the pressure warning and temperature warning exist in the same axle, the display will only show the pressure warning of this axle. You can press **Pressure & Temperature Switch** to look up temperature interface.

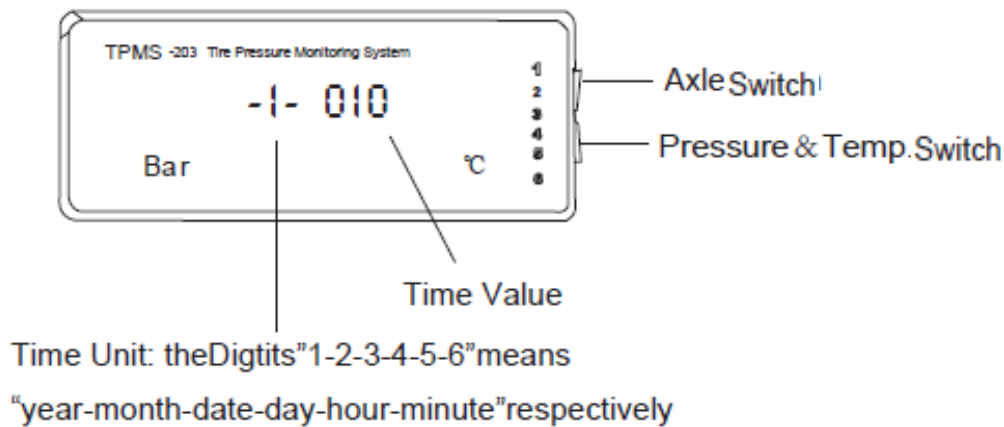


4. If no signal or data is received for 20 minutes, dashes "---" will show on the display.

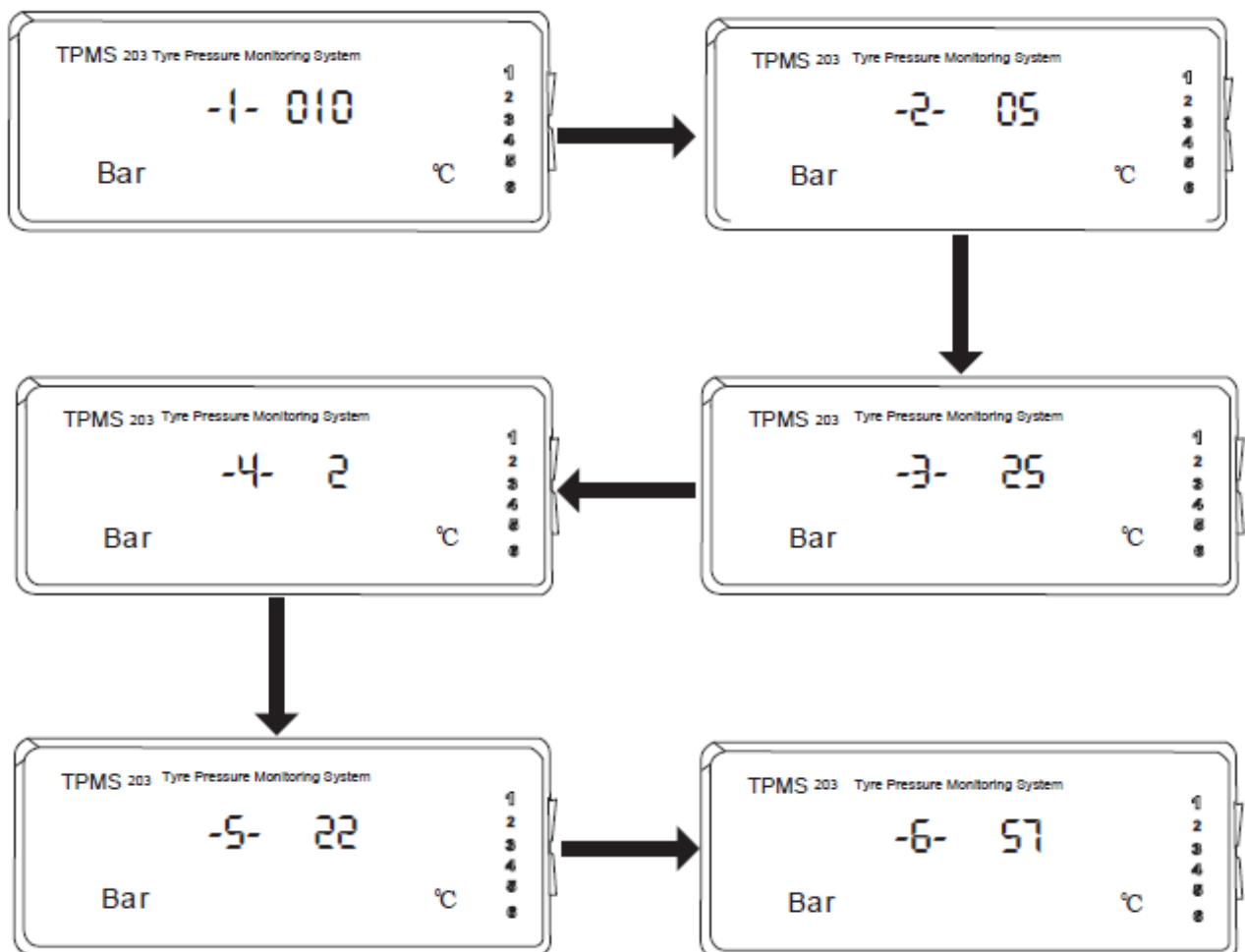
## 2.4 Setting Time

We have set the GMT +8 as default, please reset if needed.

1. Press **Axle Switch** for 8 seconds to get into Time Setting Mode and you will hear a “DI” sound.



2. Press **Axle Switch** swiftly to look up the time “year-month-date-day-hour-minute” value circularly. The following time is 22:57, Tuesday, May 25, 2010.



3. Press **Pressure & Temp. Switch** to change the time value.

4. You must press **Axle Switch** for 8 seconds to exit time setting mode, if not, the time setting will take effect. A “DI” sound means time setting has been completed.



## Part III WARNINGS


**NOTE:** Warning indicates that you are operating your vehicle in a dangerous condition. When the abnormality icon illuminates, **STOP AND CHECK** your tyre(s) as soon as possible and inflate them to the proper pressure.

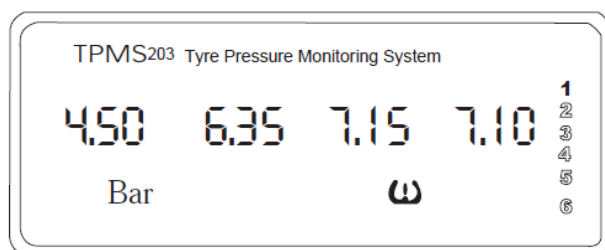
The system has five types of warning modes:

- 20% below the baseline pressure for the Low Pressure Warning;
- 30% above the baseline pressure for the High Pressure Warning;
- Over 0.33 Bar / 4.8PSI pressure loss in 16 seconds for the Leakage Warning;
- Temperature in the tyre is over 80°C (176°F) for the High Pressure Warning;
- If no signal or data is received for 20 minutes, dashes "---" will show on the display.

### 3.1 Low Pressure Warning

When current pressure in the tyre is 20% lower than baseline pressure:


- ① Display shows the pressure of axle with abnormal tyre;
- ② Warning sound “Di-Di-Di” ;
- ③ Abnormality icon “” appears;
- ④ The value of abnormal tyre position flashes.

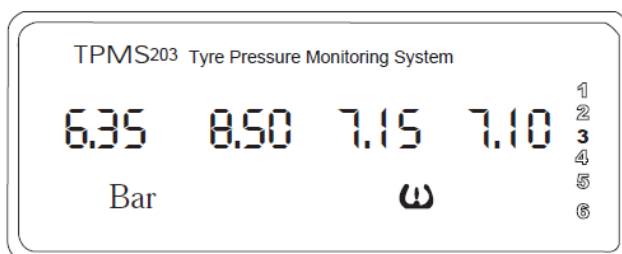


The figure above shows “1A” tyre is under-inflated.

### 3.2 High Pressure Warning

When current pressure in the tyre is 30% higher than baseline pressure:


- ① Display shows the pressure of axle with abnormal tyre;
- ② Warning sound “Di-Di-Di”;
- ③ Abnormality icon “” appears;
- ④ The value of the abnormal tyre flashes.

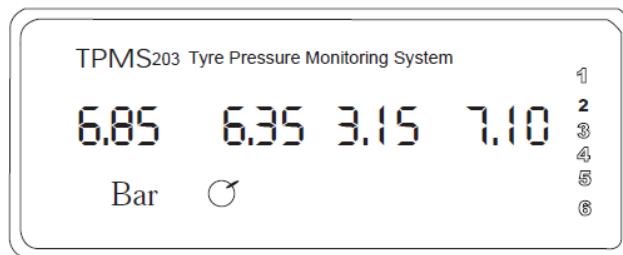


The figure above shows “3B” tyre is over-inflated.

### 3.3 Leakage Warning

If over 0.33 Bar / 4.8PSI pressure loss in 16 seconds:


- ① Display shows the pressure of axle with abnormal tyre; ② Warning sound “Di-Di”;
- ③ Leakage icon “” appears; ④ The value of abnormal tyre position flashes.

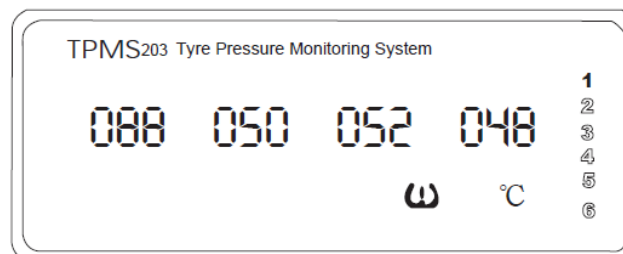


The figure 6.85 is flashing, that means “2A” tyre is leaking.

### 3.4 High Temperature Warning

When temperature inside tyre is higher than 80°C (176°F):

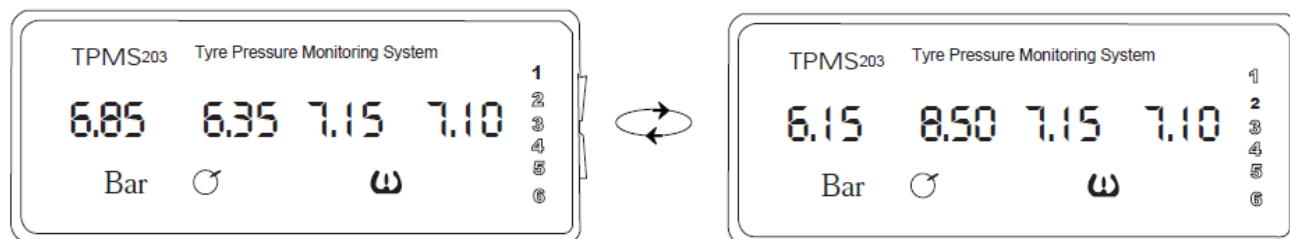
- ① Display shows the temperature of axle with abnormal tyre; ② Warning sound “Di-Di-Di”;
- ③ Abnormality icon “” appears; ④ The value of abnormal tyre position flashes.



The figure above shows “1A” tyre is over-heating.

### 3.5 Warning of Multiple Axles

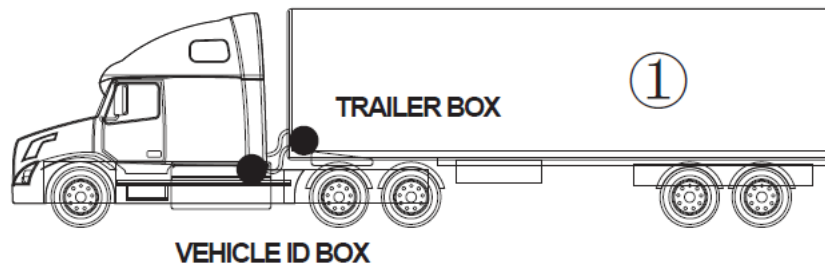
For example, when tyres on two axles are under abnormal conditions, the display will show both axles circularly at an interval of 5 seconds.



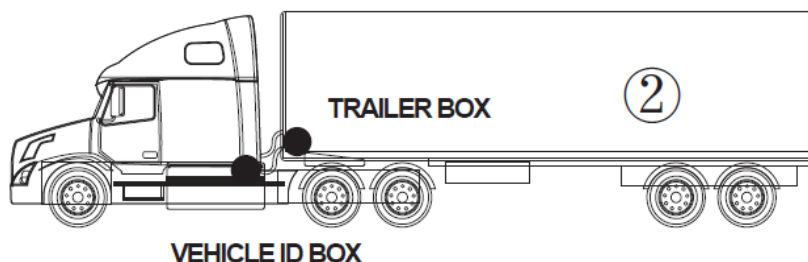
The figure above shows “1A” tyre is leaking and “2B” tyre is over-inflated. The display just shows axle 1 and axle 2 automatically and circularly until the problems are corrected.

## Part IV TRAILER CHANGE AND REGISTRATION

1. Turn off the trailer box on trailer ①, disconnect the tractor and trailer ①.



2. Connect the trailer ② with tractor.



3. Register trailer ②

Registration between Trailer Box and Vehicle ID Box can be automatically established.

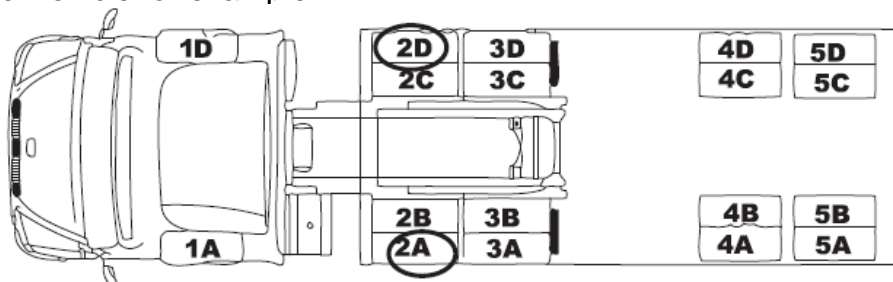
**NOTE:** During the automatic registration, if the Trailer Box light remains green and does not turn off, please also try manual registration as below.

- 1) Turn on the Trailer Box, and the indicator light becomes green. The Trailer Box goes into registration mode.
- 2) Turn on the Vehicle ID Box on tractor, which will send out its vehicle ID number immediately.
- 3) Trailer Box receives the ID number and remembers it. The indicator light blacks out simultaneously. The registration is finished.
- 4) Restart the display.

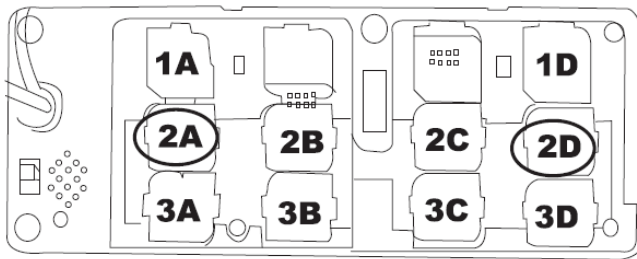
## Part V WHEEL ROTATION

When you change wheel position, change corresponding ID modules' position on the back of the display and trailer box, and then restart the display and trailer box.

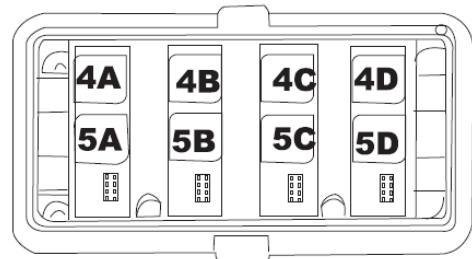
Take 18-wheel vehicle for example.



Rotate the wheels between position “2A” and “2D”



\* Back of Display



\* Back of Trailer Box

Change their corresponding ID modules' position, restart display and trailer box

## Part VI REPLACEMENT OF A DAMAGED TRANSMITTER

After replacing the damaged transmitter, you should also replace its ID module.

1. Replace the malfunctioned transmitter
2. Replace the corresponding ID module
3. Restart display and reset baseline pressure

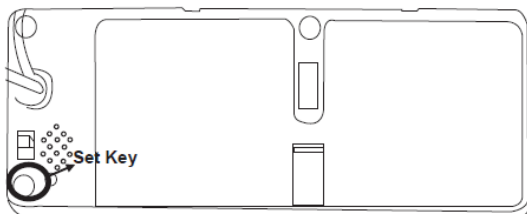
**NOTE:** If you have a blank ID module, you can use the TPMS Smart Tool to write ID code into it (Refer to the manual of TPMS Smart Tool).

## Part VII RESTART DISPLAY AND TRAILER BOX

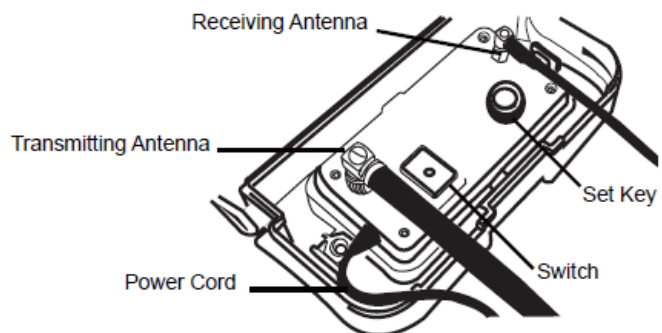
The system has to be restarted to re-identify the tyre ID in the following situation(s):

1. Wheel rotation;
2. Replacement of transmitter & ID module;
3. Trailer change.

To restart the system, turn off the Switch on the display and/or the Trailer Box and then turn them on again.



Turn off and turn back on to restart the display



Turn off and turn back on to restart the Trailer Box

## Part VIII PARAMETERS OF THE PRODUCT

### Display

Power Consumption: 360 mW (Regular); 1200mW (Max)

Power Supply: DC 12/24 Volt

Weight: 231g (8.15 oz.)

Dimensions: 15.5 x 6.2 x 2.3 cm (6.1 x 2.4 x 0.9 inch)

Operating Temperature Range: -40°C to 85°C (-40°F to 185°F)

Pressure Resolution: 0.01Bar (0.1PSI)

Temperature Resolution: 1°C (1°F)

### Transmitter

Weight: 78g (2.47oz.)

Dimensions: 8.3 x 3.1 x 2.5 cm (3.27x1.22x0.98 inch)

Operating Temperature Range: -40°C to 85°C (-40°F to 185°F)

**\* -40 °C to 125 °C (-40°F to 257°F) available upon request.**

Pressure Accuracy:  $\pm 0.25\text{Bar}$  /  $\pm 3.6\text{PSI}$  (at 0°C~50°C)

$\pm 0.44\text{Bar}$  /  $\pm 6.3\text{PSI}$  (at -40°C~0°C and 50°C~85°C)

Temperature Accuracy:  $\pm 3^\circ\text{C}$  /  $\pm 5^\circ\text{F}$  (at 0°C~50°C)

$\pm 5^\circ\text{C}$  /  $\pm 9^\circ\text{F}$  (at -40°C~0°C and 50°C~85°C)

Battery Life: 5 years

Maximum Range: 12.8Bar (185PSI)

Frequency: 433.92MHz

## Part IX TROUBLE SHOOTING

Problems	Possible Reasons	Solutions
Both pressure value and temperature value of all tyres are "000" shown on the display	Problems of antenna connection	Check antenna connection
	The antenna is damaged (if all transmitters are well)	Replace antenna
	Display malfunction	Use a pair of transmitter & ID module and TPMS Smart Tool to confirm. If it doesn't work, replace it
The pressure and temperature values are "000" at some transmitter positions (After start the display)	Problem of transmitter	Use TPMS Smart Tool to check it
	Problems of ID module	Pull out the ID module and re-plug in, then restart the display. If problem still exist, pull out the ID module and plug in other ID module position, then restart the display. If problem still exist, replace the ID module, then restart the display
The pressure value is "000", but temperature value is normal.	Transmitter is damaged	Replace the transmitter
No values shown on the display and all icon indicators don't shine	Display is turned off	Turn on <b>Switch</b> on the back of display
	Power cord is not properly installed	Check power cord connection
	The display is damaged	Replace display
"no id" show on display	ID modules not plugged in	Plug in ID module
Dash "- - -"shows on the display (When the data transmission was interrupted)	System failure	Restart the system
	Surrounding interference	Move to another place
	Problem of transmitter	Use TPMS Smart Tool to check it
	Problems of ID module	Pull out the ID module and re-plug in, then restart the system. If problem still exist, pull out the ID module and plug in other ID module position, then restart the system. If problem still exist, replace the ID module
000 shown on the display after a transmitter replacement.	The ID number for the new transmitter is not programmed into the display	Replace the old ID module with a new one. Restart the system and set baseline pressure
	Baseline pressure not set	Set baseline pressure
(High or low) Pressure Warning at more or all transmitter positions after installation	Baseline pressure not set	Set up the baseline pressure for each axle
The buzzer is continuously beeping and nothing shown on the display	The display does not work	Replace the display
After the trailer is disconnected with the tractor, the trailer's data still shows on the display.		Wait for 10 minutes
The trailer's data cannot be shown on display	Display does not match with Vehicle ID Box	Make sure Display and Vehicle ID Box has the same ID number
	Trailer registration failed	Do trailer registration again
	Trailer Box malfunction	Replace Trailer Box, and do registration again
	Vehicle ID Box malfunction	Replace Vehicle ID Box and Display, and do registration again

## Part X CERTIFICATES

### 10.1 FCC and IC's Authentication Announcement

This device has been tested and found compliance with applicable the technical standards of FCC Rules: 1) FCC PART 15C; 2) ANSI C63.4:2003; and also those of IC rules: 1) RSS210 Issue 8; 2) RSSGEN Issue 3; 3) ANSI C63.4:2003. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The applicable standards of FCC and IC rules are designed to provide reasonable protection against harmful interference in a residential installation. This equipment, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. You can test that if this equipment does cause harmful interference to radio or television reception by turning the equipment off and on.

Caution content: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### ISED Statement

- English: This device complies with Industry Canada license - exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. The digital apparatus complies with Canadian CAN I CES - 3 (B)/NMB - 3(B).

- French: Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils

radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This radio transmitter (ISED certification number: 11852A-TPMSIDBOX) has been approved by Industry Canada to operate with the antenna types listed with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device. Le présent émetteur radio (ISED certification number: 11852A-TPMSIDBOX) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

### Radiation Exposure Statement

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

## **Déclaration d'exposition aux radiations**

Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé.

## **10.2 European Regulations Announcement**

This device complies with all European Electromagnetic compatibility regulations (2009/19/EC). The equipment has been tested and found to comply with the above regulations, and in addition it meets the requirements for low powered transmitters / receivers as defined by the relevant radio approval authority. The regulations are designed to provide reasonable protection against harmful interference or susceptibility.

## **10.3 CE Directive Announcement**

This device complies with the essential protection requirements of Council Directive 89/336/EEC on the approximation of the law of the Member states relating to electromagnetic compatibility. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device can accept any interference received, including interference that may cause undesired operation.

# **Part XI WARRANTY POLICY**

## **Warranty Statement**

Shanghai Baolong Automotive Corporation ("BAOLONG") warrants to end user of its products specified below that its products are free from defects in material and workmanship under normal use and service for the applicable warranty period as described in the Warranty Period section of this Policy. Subject to the conditions and limitations set forth below, BAOLONG will, at its option, either repair or replace any part of its products that proved defective by reason of improper workmanship or materials. Repaired parts or replacement products will be either new or refurbished to be functionally equivalent to new. If BAOLONG is unable to repair or replace the product, it will refund the current value of the product at the time the warranty claim is made.

## **Limitation of Liability**

It does not cover any damage to this product that results from improper installation, accident, abuse, misuse, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions, or any unauthorized disassembly, repair, or modification. This limited warranty also does not apply to any product on which the original identification information has been altered, obliterated or removed, has been sold as second-hand.

Products are considered to be monitoring devices and are not to be considered as safety



devices. This limited warranty covers only repair, replacement or refund for defective BAOLONG products. All other express or implied warranties, liability for incidental, special, consequential or any other damages including but not limited to, economic loss, lost revenue, lost profits, or loss of use or damage to other property, hereby are expressly disclaimed regardless of whether they were reasonably foreseeable, or whether seller had knowledge that they could occur.

## **Responsibility**

The end user will provide the dealer with dated proof of purchase and access to claimed parts for return. BAOLONG warranty will be honored by the authorized distributor or dealer from which the Product was purchased. Authorized dealers are to contact their regional BAOLONG distributor with warranty claims and questions. Dealers will provide distributor with dated proof of purchase, claimed parts for return upon request, and a completed Warranty Claim Form (Appendix 1). The distributor will be responsible for administering the warranty as per the claims procedure.

**NOTE: Any product returned for warranty without a completed Warranty Claim Form (Appendix 1) will be excluded without consideration.**

## **Exclusive Agreement**

This Limited Warranty is a complete and exclusive statement which applies to the BAOLONG TPMS. There are no express or implied warranties beyond those expressly stated above. No employee, agent, distributor, dealer or other person is authorized to give any warranties on behalf of BAOLONG, except as authorized just in writing.

**Warranty Scope:** Display, transmitter and strap, vehicle ID box, trailer box and ID module.

## **Warranty Period**

The term of BAOLONG warranty for its products is warranted against defects in material or workmanship that result in a product failure under normal use during a period of 12 months following the date of purchase by the end user and unlimited mileage. Dated proof of purchase is required. If you do not have a valid proof of purchase, the warranty period will be measured from the date of sale from BAOLONG to the authorized BAOLONG Distributor from whom you purchase.

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## **Remedy**

The exclusive remedy for retail system determined by BAOLONG to be defective within such period shall, at the sole option of BAOLONG, be

- (1) The repair or replacement of such defective product, OR
- (2) The refund of the current value (not more than the purchase value) of the product at the time the warranty claim is made.

Products replaced under warranty are covered hereunder by the remaining portion of the original warranty period or 12 months, whichever is greater.

BAOLONG obligation to satisfy a warranty claim is subject to the following conditions:

- (1) Dated proof of purchase is provided
- (2) All such claims must be submitted to BAOLONG no later than sixty (60) days from the date of the failure (the date BAOLONG receives the complaint), and must be accompanied by a Warranty Claim Form (Appendix 1). No product will be accepted for warranty unless accompanied by a completed Warranty Claim Form (Appendix 1).
- (3) Some pictures of defective product/part are helpful for remedy.
- (4) If requested by BAOLONG, the product involved shall be returned, freight prepaid, to BAOLONG for examination; and
- (5) Products shipped to BAOLONG must be properly packaged to prevent damage in transit.

## **Claims Procedure**

Warranty claims will only be accepted from an authorized BAOLONG distributor. The following procedure must be followed when making a warranty claim:

1. If you suspect a product defect, contact BAOLONG distributor for assistance in verifying the problem.
2. If a defect is found, provide BAOLONG distributor with Warranty Claim Form along with some pictures of defective parts if possible prior to removing suspected warranty parts.
3. BAOLONG distributor will transform the material above by fax or email to BAOLONG customer service.
4. BAOLONG customer service will gather information and refer the claim to technical service as required.
5. Technical service will assist in troubleshooting, and subsequently determine whether a warranty claim is required.
6. If the warranty claim is approved, customer service will issue return authorization to distributor, who will return the defective products or parts.
7. Product shall be returned, freight prepaid, to BAOLONG along with dated proof of purchase, some pictures and a completed Warranty Claim Form (Appendix 1) to the following location:

**Shanghai Baolong Automotive Corporation**

**5500 Shenzhuan Road, Songjiang, Shanghai, 201619, China**

8. BAOLONG will ship distributor repaired or new product/part without any charge.

All claims submitted must include:

- (1) Dated proof of purchase is provided
- (2) All such claims must be submitted to BAOLONG no later than sixty (60) days from the date of the failure (the date BAOLONG receives the complaint),
- (3) A Warranty Claim Form (Appendix 1)
- (4) Some pictures of defective product/part are helpful for remedy.
- (5) If requested by BAOLONG, the product involved shall be returned, freight prepaid, to BAOLONG for examination;

BAOLONG reserves the right to reject a warranty claim for any or all of the following reasons:

- (1) Dated proof of purchase is not provided;

- (2) Claims is submitted to BAOLONG over sixty (60) days from the date of the failure (the date BAOLONG receives the complaint);
- (3) No or incomplete Warranty Claim Form (Appendix 1)
- (4) Product was not returned for inspection as requested
- (5) Product inspection does not indicate a failure
- (6) Failure occurred beyond warranty period
- (7) Product damage in transit.

## Return Requirements of Defective Parts

Be sure the parts are properly identified and packed

- (1) Each part must be accompanied by a completed Warranty Claim Form (Appendix

**1). No product will be accepted for warranty without a completed Warranty**

**Claim Form (Appendix 1).**

- (2) When shipping parts for several different claims together, do not mix the parts in the same container, box, etc. This could cause confusion in performing a failure analysis, a delay in claim processing, and possible rejection of the claim.

- (3) Pack the parts carefully to avoid shipping damage which could distort or mask the true cause of the failure. Parts lost from broken boxes, damaged shipping containers, or negligence in packaging may result in rejection of the claim.

- (4) Corrosion or rust that prevents proper inspection, or prevents identification of the primary failure, may result in rejection of the claim.

- (5) Rejected parts will be returned to distributor at distributor's expense if the distributor wishes the parts returned.

- (6) Return all parts prepaid to the correct designated location.

This warranty supersedes all past warranties expressed by BAOLONG and may not be changed, altered or modified in any way except in writing by BAOLONG.

Appendix 1 Warranty Claim Form			
Customer:		Distributor:	
Product Information			
S/N(on top of the display):			
Date of Purchase:		Date of Claim:	
Vehicle Information			
Year:	Brand:	Model:	Mileage:
The Standard Cold Inflation Pressure			
Tyres Layout (how many axles, how many tyres on each axle):			
Length of Vehicle:			
Usage information			
Power connection		Cigarette plug	Hardwire/battery

Did you accelerate the speed from 0 to 25km/h fastly	Yes	No
Did you ever change the original transmitter?	Yes	No
Did you do tyre repair recently?	Yes	No
Detailed Description of Defective Part		
What problems happen when driving or stopping? What shows on display? (pressure, temperature backlight, icon, buzzer)		
Frequency of Problem	Rare	Very often
Other Description:		
Distributor Signature:		
Parts Needed to be Replaced (Must be returned to Baolong)		
Part Name and S/N Number	Quantity	

Important

Claim must be submitted within 60 days after failure

Fill out one claim form for each claim

Dated proof of purchase is provided

Some pictures of defective product/part are helpful for remedy.

Shanghai Baolong Automotive Corporation  
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E-mail: sbic@chinabaolong.net sbic@baolong.biz  
Web: www.baolong.biz