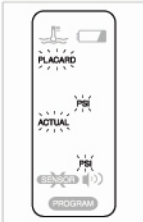

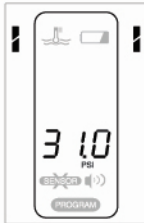



STEP	Description	LCD
STEP 1	Press Mode Key for one second to enter the menu. After check that a unit blinks, press SEL KEY and then enter the Dimension View Edit. See a right figure.	
STEP 2	Press SEL KEY and select a unit you want.	
STEP 3	Press SEL KEY and select a value you want. When saved correctly, LCD screen is changed to driving mode after unit blinks twice.	

4-2. Set Placard Pressure



Receiver of PMS-2000 sets up placard pressure of each of tire by same line. At each tire, if placard pressure value is lower by 8% and 25(Alarm)% than set value, receiver warning to driver by level. A pressure set range of tire is from 20PSI (137.9KPa) to 130PSI (896.3KPa).

STEP	Description	LCD
STEP 1	Press Mode Key for one second to enter the menu. Press mode key to find a right figure. After check that a unit blink, press SEL key and enter the Placard Pressure Edit.	
STEP 2	Press SEL Key and input value you want.	

STEP	Description	LCD
STEP 3	<p>Press SEL Key and select Placard Pressure. When saved correctly, pressure value selected blinks twice and pass a next tire like a right figure. And then repeat step2.</p> <p>Set up Placard Pressure of all tires then exit driving mode automatically.</p>	



4-3. Set High Temperature

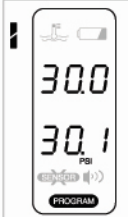
PMS-2000 receiver sets up high temperature threshold of tire. If receiver receives higher temperature data than set value, it warning to you. A temperature range is 80° C (176° F) ~120° C (248° F).

STEP	Description	LCD
STEP 1	<p>Press Mode Key for one second to enter the menu. Press mode key to find a right figure. After check that a unit blink, press SEL key and enter the High Temperature Edit.</p>	
STEP 2	<p>Press SEL Key and input value you want.</p>	
STEP 3	<p>Press SEL Key and select high temperature. When saved correctly, LCD screen is changed to driving mode after unit blinks twice.</p>	

4-4. Register Tire's ID


PMS-2000 receiver register ID of each tire. In the state of the motor stop, pull out the air of tire that you want to register and then let the transmission send data to receiver to register. In the case of the ID Program, when the transmission is reduced from other wheels as possible you can register rapidly.

STEP	Description	LCD
STEP 1	Press Mode Key for one second to enter the menu. Press Mode Key. After check that "SET" and PROGRAM blinks like right figure, press SEL Key and enter the ID Program Mode.	
STEP 2	Press SEL Key and search a tire you want to register. (Tire icon and Program icon blink at this time) Press SEL Key and select. (Tire icon stops blinking and Program icon blinks and shows "---" at this time) Wait to register ID.	

STEP	Description	LCD
STEP 3	When registered, buzzer sounds one time and save ID. Buzzer sounds 3 times, relative tire Pressure reaches Placard Pressure value or more. Repeat Step2. Press MODE KEY, can exit.	

4-5. Display

In driving mode, it show the data which is sent from each tire according to the dimension.

Section	Description	LCD
MODE 1	Rotation Mode Show data of each tire for 4seconds.	
MODE 2	Rotate Stop Mode Show data of only one tire. When press SEL Key, enter this mode.	

* Value shown is for reference only.

Tire Pressure Monitoring System

TirePulse
PMS-2000

Chapter 05

Sensor Alert Function

5-1. Alert Operation Condition

Pressure and temperature information are transmitted to receiver from sensor and displayed by LCD. If low pressure or high temperature detected, receiver makes sound of buzzer, light up LED, and show the position of a relative tire on LCD. The warning is decided by set pressure and temperature value. (In forwarding, basic value)

1. When an alert or warning conditions is detected, reduce vehicle speed to an appropriate safe level and proceed to a safe stopping location or facility where the tire can be inspected and serviced.
2. The pressure deviation alert indicates that the pressure has dropped a set amount below the required pressure.
3. The low pressure alert occurring shortly after a pressure status alert indicates that a rapid pressure loss is taking place.

4. The low pressure warning indicates that the pressure has dropped to a level considered critical to the tire's ability to support and/or provide directional control to the vehicle.

5. The high temperature warning indicates that the contained air temperature has exceeded the selected maximum. A tire temperature buildup can be caused by a number of factors including severe under inflation, hard sustained braking, vehicle overload and sustained high speeds.

5-2. Reacting to Alerts

If a caution or abnormal situation happens in tire, the receiver will perform following actions.

- ▶ Audible warning sounds the alarm by warning level (Alert, warning) immediately.
- ▶ When the tire pressure becomes lower than set point, icon of relative LCD tire would sign a half, light up LED, and sound alarm.
- ▶ When the tire becomes high temperature, low voltage or correspondence fails between sensors, sign warning icon of relative tire on LCD and light up LED.
- ▶ According to the warning level the LED would sign red and green.