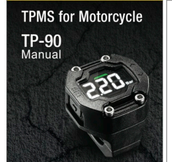
STEELMATE
Automotive

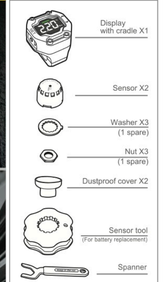
TPMS for Motorcycle

TP-90

Manual

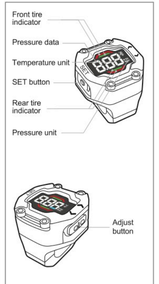


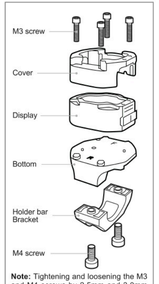
Includes



(Please keep it in motorcycle carefully)

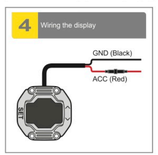
Brief look of display





Note: Tightening and loosening the M3 and M4 screws by 2.5mm and 3.0mm hex keys respectively.

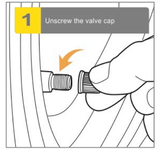
Display installation (clip on handle bar)

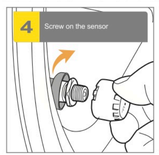


Display installation (stick on dash)

Functional test after installation

Sensor installation





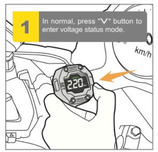
Sensor battery replacement

Different scenarios

Sensor programming (Reminder: All sensors are pre-programmed)

Parameter setting

Battery voltage checking



Specifications

Sensor:

Operating frequency:	433.92±0.05MHz
Operating voltage:	2.0V ~ 3.3V
Operating temperature:	-20°C ~ +60°C / -4°F ~ +140°F
Pressure range:	0~4.5Bar / 0~65PSI

Default:

Operating frequency:	433.92±0.05MHz
Operating voltage:	9V ~ 16V
Operating temperature:	-40°C ~ +70°C / -40°F ~ +140°F

Default:

Pressure unit:	Bar
Temperature unit:	°C
Low Voltage value:	12V
Threshold value:	2.5Bar/ 36PSI
High pressure alarm:	3.3Bar / 47PSI
Low pressure alarm:	1.7Bar / 25PSI
High temperature alarm:	+80°C / +176°F

Adjustable value range:

Low voltage:	11V~14V
Threshold pressure:	2.0~3.5Bar / 29~50PSI
High temperature:	+50°C~+80°C / +122°F~+176°F

Adjustable pressure range:

Pressure:	2~3.5Bar / 29~50PSI
Temperature:	+50°C~+80°C / +122°F~+176°F

Monitor:

Pressure range:	0~4.5Bar / 0~65PSI
Temperature range:	+30°C~+80°C / +22°F~+176°F

Precision:

Temperature:	±1°C / ±2°F
Pressure:	±0.1Bar/ ±2PSI

Air pressure unit:
1 Bar = 14.5 PSI = 100K Pa = 1.02 Kgf / cm²

Disclaimer

- Tire Pressure Monitoring System (TPMS) is designed for monitoring tire irregularities Driver has responsibility to maintain tires regularly
- Driver should react promptly once warning from this unit alerted
- Steelmate does not guarantee or assume liability for the loss of sensors

Notes:

1. This system is for 12V motorcycle with tire pressure within 4.5Bar/65PSI.
2. All sensors in this unit have been pre-set individually for each tire in the factory.
3. Whenever the location of tire changed, the sensors must be changed to the corresponding tire.
4. The display will turn off after the motorcycle flame out.
5. The brightness on the display will become dimmer after the first 30 seconds.
6. The sensor battery life depends on the driving mileage.
7. Pressure threshold value of front and rear tire can be adjusted separately.

Troubleshooting

1. **After sensor installation, air leakage happened**
   The tire values may not be universal standard, please check with the local workshop
2. **Once the installation is done, there is no tire data showed on display**
   Make sure ACC is on
   No as the weight of sensor is only 9.6g and it is located on the inner rim of wheel
3. **Sensor lost**
   Please buy a new sensor
4. **Sensor battery is low**
   Please replace the battery of CR1632
5. **Location of tire changed**
   Please reprogram the corresponding sensors

FCC warning statement

1. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
2. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
3. However, there is no guarantee that interference will not occur in a particular installation.
4. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
   - Reorient or relocate the receiving antenna
   - Increase the separation between the equipment and receiver
   - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
   - Consult the dealer or an experienced radio / TV technician for help

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