BLE SENSOR 4
BLE 胎壓感知器安裝說明

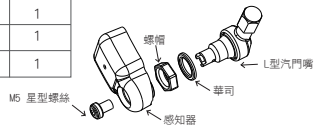
■ 適用車型：機車

■ 感知器規格：

項 目	規 格
操作電壓	3V
操作頻率	2.4GHz
工作溫度	-20°C to 105 °C
儲存溫度	-40°C to 125°C
胎壓監測範圍	0~92 psi ± 1.5 psi (0~637 kPa)
胎溫監測範圍	-40°C~85 °C ± 3°C
主體尺寸	43 x 24 x 16 mm
主體重量	21 g ±5%
電池使用年限	約2年(每日騎乘8小時推估)

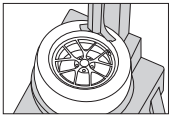
■ 產品配件清單

NO	配件名稱	數 量
1	胎壓監測感知器	1
2	氣門嘴包	1
3	安裝說明書	1

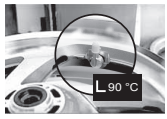


■ 輪胎拆卸與感知器安裝流程

1. 拆卸輪胎，拆卸工具需避開氣門嘴位置，以避免碰撞胎內既有的感知器(圖一)。
2. 將L型氣門嘴底部穿過在輪框的氣門嘴孔、充氣口朝外並與輪框面垂直(圖二)。
   依序套入華司、螺帽於輪框外側並使用14 ㎜的螺絲套筒，扭力值4.5 Nm的扭力扳手鎖緊(圖三)。



圖一



圖二

圖三

3. 安裝感知器，注意氣門嘴的防錯特徵。使用扭力值2 Nm的T20星型起子鎖緊。
   完成下方如圖

圖四

■ 產品保固

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1. 需將損壞的不良品提供至購買代理商，確認購買日期及發生原因。
2. 產品須依照本操作手冊指示正常操作及安裝。
3. 產品未經過自行拆解。
4. 產品損壞原因為本公司出廠的不良品。

■ 免責聲明

本產品僅作為預防警告及提供使用者方便的輔助安全配備，請依照標準程式或到合格供應商專業輪胎維修中心安裝，若車輛輪胎已有破損之狀況或使用者駕駛行為不當而導致交通事故的發生，本公司則不負民事與刑事上的責任。
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其它有關BLE TPMS最新訊息，可至我們的公司網站
（http://www.cubautoparts.com）瞭解最新訊息。

■ 警告事項

1.1 FCC與CE條例

此胎壓監測系統已遵守美國FCC法規第15條與歐盟CE低功率射頻法規要求但仍需注意以下兩點事項：

(1) 產品可能因其他有害的干擾，導致系統無法動作。
(2) 不正常的操作可能導致系統失敗。

1.2 NCC低功率電波輻射性電機管理辦法

第十二條：經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條：低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用
並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

1.3 產品警告

1.3.1 若是輪胎內的感知器的電池電量不足(電池可能因異常狀況持續發生，使感知器訊號持續發射來警告騎乘者，使電池壽命比正常使用年限短)請儘速前往指定安裝據點檢查、確認感知器是否需更換。

1.3.2 若感知器的電池沒電，請務必更換感知器，否則若因此造成胎壓監測系統無法正常運作及告警，您必須自行承擔所有的風險及責任。

1.3.3 使用任何藉由氣門嘴充填的(補)胎劑，將對感知器的運作產生不利影響本公司並不承擔因此造成之任何責任。

1.3.4 請勿將感知器與化學物品接觸，此舉會使感知器出現損壞而無法正常運作。

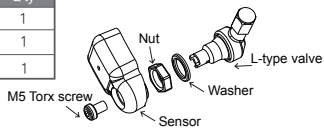
BLE SENSOR 4
BLE TPMS Sensor User Manual

■ Specification:

Item	Specification
Operating Voltage	3V
Operating Frequency	2.4GHz
Operating Temperature	-20°C to 105 °C
Storage Temperature	-40°C to 125°C
Monitored Tire Pressure Range	0~92 psi ± 1.5 psi (0~637 kPa)
Monitored Tire Temperature Range	-40°C~85 °C ± 3°C
Battery Life	2 Years
Size	77 x 26 x 8 mm
Weight	21g ±5%

■ Part List

NO	Item	Q'ty
1	Sensor	1
2	Valve	1
3	User manual	1



■ Process of wheel and sensor dismounting and installation

1. Take the tire away from the rim, avoid the unloading arm hitting the sensor inside (Figure 1).
2. Insert the L-type valve in the valve hole of the rim; the cap side must face outward and be perpendicular to the rim. Insert washer, nut onto the valve, tighten nut with 4.5 Nm torque by 14mm socket wrench (Figure 2,3).

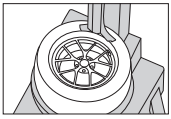


Figure 1

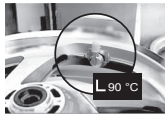


Figure 2


Figure 3

3. Place the sensor on the valve, please notice the fool-proof fitment. The loose end of the sensor body must point to the direction of wheel rotation (see picture below) and it must not contact the rim surface. Tighten the torx screw with 2 Nm by T20 torx screw driver.


Figure 4

1. Warning

1.1 FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. 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.

Note: 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. 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. However, there is no guarantee that interference will not occur in a particular installation. 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.

IC Warning:

This device complies with Industry Canada licence-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.

1.2 Product Warning

1.2.1 If the battery status of the TPMS sensor is low (if abnormal conditions exist, the battery may make the TPMS sensors continuously emit signals to warn the driver, so that the battery life will be shorter than expected), please go as soon as possible to the specified service station to confirm whether the TPMS sensor needs to be replaced.

1.2.2 Please change the sensor when the low sensor battery warning is displayed, it may cause the TPMS not working normally. You will take all risks and responsibilities for this!

1.2.3 Temporary resealing or re-inflation product injected through the valve hole may adversely affect the operation of the sensor. The company is exempt from all consequences

1.2.4 Do not place the TPMS sensor in contact with any chemicals,. They might damage the sensor and prevent it from functioning properly.