

hubsmith®



Product manual
產品使用手冊



Hand-Built Wheels

hubsmith

MADE IN TAIWAN

#起駕你的跑魂型格

#hubsmith



Hi！親愛的 Hubsmith 跑粉一員！

提醒您，商品售出前請務必再次確認並詳細檢查所購買之商品完整性，若購買當下對產品使用上有疑慮請務必向您所購買的店家反應，以避免後續再成您的不便。當商品完成結帳流程後，請確實妥善保留本保卡，以確保您日後的售服權益。

保固權益須知：

自授權店舖售出戳印日算起為期一年保固，如產品經判定為非人為使用因素之瑕疵，請持購買證明與保固卡至原購買處進行補修與零件替換。如有下列情勢，則恕不列在退換貨、本售後服務與安全保障範疇內：

1. 該產品並非本公司予以授權經銷售出之公司貨。
2. 無法出示商品保固卡及無附上原廠鋼印、授權經銷店之戳印、售出日期、相符合之產品型號。
3. 保固卡遭翻印、塗改。
4. 輪組內含之產品序號遭人為移除損毀或無法辨識。
5. 產品經過自行加工、拆卸、組裝再造而導致機構不良情形。
6. 商品無配合原廠的輔件做組裝使用導致損壞不良。
7. 產品暴露在極端溫度、溶劑、酸、火、水等造成的損壞。
8. 未依產品說明書的建議而不當安裝拆卸與維修。
9. 消耗品（零組件）經判定為非人為瑕疵因素於保固內可免費更換。過保品項如需更換、保養等將酌收人工、耗材等相關費用。相關諮詢服務逕向銷售店家洽詢。（耗材項目詳產品說明書）。
10. 前、後花鼓所產生不影響一般機能的聲音或振動。
11. 不可抗拒天災之地變。
12. 產品未依照正常規定使用導致輪組損毀、故障。
13. 產品皆為金屬加工製程均有 5%~10% 加工痕跡屬正常現象，故不適用退、換貨理由範疇內。

請接續下頁圖文敘述

感謝您購買Hubsmith®輪組系列產品，所有保固規範事項都包含在下列條文中，敬請翻閱以下規章：

本產品手冊僅適用於選購Hubsmith®輪組的用戶，內文包含輪組組裝，處理、保養以及維護等保修規定。請用戶在使用前詳閱產品使用手冊與保固卡內含之相關規定，以保障自身權益。

▲ 操作安裝以及保養說明

(注意！如操作不當或錯誤安裝或缺乏保養將導致嚴重事故產生)

- 輪組的安裝保養如有任何疑慮，逕向原廠授權零售店洽詢。
- 需依照原廠規定用途來使用輪組，否則用使用者需承擔相關責任。
- 輪組需與自行車零件規格相容始得安裝。
- 碳纖框輪組僅限使用Hubsmith®出廠附的輔件做搭配使用。
- 不得擅自改裝、拆卸、破壞輪組出廠時原先結構。
- 每次騎乘前請先檢查是否依使用說明書之規定鎖固輪組，以確保騎乘安全性。
- 每次騎乘前請先檢查輪組運行是否正常。
- 保固期間內定期至原購處檢測輪組的輻條張力、輪組偏擺以及耗材損耗。
- 因應輪組輕量化設計，建議總乘載重量為100公斤以內。

請接續下頁圖文敘述

▲ 碳纖框體及鋁合金框體使用說明

(注意！如操作不當或錯誤安裝或缺乏保養將導致嚴重事故產生)

- 若您購買Hubsmith®碳纖系列輪組，僅能使用隨附的原廠碳纖專用煞車塊，如使用非原廠提供煞車塊導致輪組表面損壞而產生嚴重事故，後果須自行負責。
- 鋁合金框用煞車塊不能與碳纖框用煞車塊交互使用，以免騎乘產生危險，後果須自行負責。操作煞車時，應左右兩個煞車同時作動。
- 碳纖框體操作煞車時，只能短暫點放，中間停頓，不宜長時間壓制煞車;長時間壓制煞車會導致碳纖框體煞車面嚴重耗損(如燒框等)或爆框等安全上的疑慮，後果須自行負責。

▲ 正確選擇零配件工具

(注意！如操作不當或錯誤安裝或缺乏保養將導致嚴重事故產生)

- 輪組胎壓須符合產品說明胎壓標準值。
- 僅只能使用符合該輪組相對應的襯帶、內胎、輪胎。
- 碳纖框不可與乳膠內胎一起使用。

▲ 安裝含內胎輪胎說明

(注意！如操作不當或錯誤安裝或缺乏保養將導致嚴重事故產生)

- 上緊輪緣襯帶。
- 以最大標準壓力值為輪胎充氣。
- 檢查輪胎位置是否擺正。
- 輪胎整圈圓周必須均勻的位於輪緣上。
- 輪胎安裝位置如有疑慮請向專業技師或經銷店家洽詢。

請接續下頁圖文敘述

▲ 飛輪安裝說明

(注意！如操作不當或錯誤安裝或缺乏保養將導致嚴重事故產生)

- 請依據各廠出產飛輪使用說明做安裝動作。

▲ 鋁框安裝煞車塊

(注意！如操作不當或錯誤安裝或缺乏保養將導致嚴重事故產生)

- 依據煞車塊方向性安裝。
- 螺絲鎖固固定位置。
- 請確保煞車塊固定不滑動。

▲ QUICK RELEASE 快拆安裝說明

(注意！如操作不當或錯誤安裝或缺乏保養將導致嚴重事故產生)

- (步驟1) 在脫落溝爪位置定位輪組。
- (步驟2) 將快拆螺帽卸除，並將快拆軸心直穿溝爪與花鼓軸心。
- (步驟3) 將已卸除的螺帽重新鎖固。



步驟 1



步驟 2



步驟 3



步驟 4



步驟 5

- (步驟4) 將快拆手把頭扳至與快拆軸心呈垂直角度。
- (步驟5) 確認輪組快拆手把方向為朝上或平行，前輪快拆手把方向務必安裝在非碟煞端。
- (步驟6) 立即測試：將已安裝好的輪組舉起，從上方輕敲輪組，輪組不可鬆動搖晃。騎乘前務必再次重複確認輪組是否穩妥安裝在前叉或車框架內。

[**請確實檢查輪組安裝位置是否正確**]

▲ HUB CINCH 安裝說明 (僅適用Bumbee系列)

(注意！如操作不當或錯誤安裝及缺乏保養將導致嚴重事故產生)

- (步驟1) 在脫落溝爪位置定位輪組。
- (步驟2) 使用14mm開口扳手鎖緊於前叉及車架上的防鬆螺帽(請確實鎖緊)。
- (步驟3) 再使用2.5mm六角扳手鎖緊螺帽上方的小螺絲。

請接續下頁圖文敘述



步驟 1



步驟 2



步驟 3



步驟 4

▲ CINCH RELEASE安裝說明 (僅適用小徑輪組)

(注意！如操作不當或錯誤安裝及缺乏保養將導致嚴重事故產生)

- (步驟 1) 在脫落溝爪位置定位輪組。
- (步驟 2) 將單邊防鬆螺帽卸除，將軸心直穿溝爪與花鼓軸心。
- (步驟 3) 使用開口扳手順時針重新鎖固已卸除的螺帽。
- (步驟 4) 最後使用2.5mm六角扳手順時針鎖緊小螺帽。



步驟 1



步驟 2



步驟 3

▲ 保養與維護

(注意！如操作不當或錯誤安裝及缺乏保養將導致嚴重事故產生)

- 檢查輪組是否損耗(如框體、鋼絲、鋁/銅頭、花鼓等)。
- 使用柔軟的海綿與專用清潔劑清潔輪組。
- 檢查是否正確固定輪組。
- 確認輪組充氣壓力(需依據原廠設定值)。
- 清除煞車邊表面的髒污。
- 檢查煞車塊的磨損狀況以利更換。
- 清除殘餘異物雜質(如泥沙，碎石塊等)。

▲ 輪組零件消耗品項目

(注意！如操作不當或錯誤安裝或缺乏保養將導致嚴重事故產生)

棘輪座	煞車塊	標紙	襯帶	培林
彈片	銅頭	輻條	棘爪	墊片

請接續下頁圖文敘述

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Hi, Dear Hubsmith Rider Fan!

Remind you that you must double check and check the integrity of the wheel set product before purchasing it.

If you have any questions about the product during your purchase, you must respond to the store staff to avoid subsequent inconvenience for you.

After your purchasing product is checked out, please keep the warranty card properly to ensure your after service within the warranty time.

Notes on warranty rights:

The warranty period is one year from the date of stamped at the authorized store. If the product is judged to be defective due to non-human use, please bring the purchase invoice and warranty card to the original store of purchase for repair and replacement of parts.

In the following situations, they will not be listed in the scope of return, exchange, and after-sales service and security:

1. This product is not an original company product that is authorized for sale by our company.
2. The customer cannot show the product warranty card or the warranty card does not have the imprint from Hubsmith's steel stamp, the stamp of the authorized dealer, either the product model is not with the same date of sale.
3. Warranty card has been altered.
4. The serial number of the product code labeled on the rim of the wheel set was damaged or unrecognizable by human removal.

[Please continue on the next page]

5. The product undergoes self-processing, disassembly, assembly and reconstruction, resulting in a defective situation of the mechanism.

6. The product is not assembled with the original accessories to cause damage.

7. Product damage caused by exposure to extreme temperatures, solvents, acids, fire, water, etc.

8. Improper installation, disassembly and maintenance without following the recommendations in the product manual.

9. Consumable items (components) which are judged to be non-man-made defects can be replaced free of charge under the warranty. If the warranty items need to be replaced and maintained, labor and consumable items will be charged. For related consulting services, please contact the sales store. (Please read the product manual for consumable items).

10. The sound or vibration produced by the front and rear hubs does not affect the general function.

11. Irresistible changes in natural disasters.

12. The wheel is damaged if the product is not used in accordance with normal regulations.

13. All products are metal processing. It is normal to have 5% ~ 10% processing marks, so it is not applicable to the reason of return and exchange.

[Please continue on the next page]

Thank you for purchasing the Hubsmith® wheel set. All warranty specifications are included in the following provisions, please read the following regulations:

This product manual is only for users who purchase Hubsmith® wheels, which contains warranty regulations for wheel assembly, handling, maintenance and repair.

Users are advised to read the product manual and the relevant provisions contained in the warranty card before use to protect your own rights.

▲ Operation, Installation and Maintenance Instructions

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

-If you have any concerns about the installation and maintenance of the wheel set, please contact the original authorized retail store.

-The wheel set must be used according to the purpose specified by Hubsmith®, otherwise the user must bear the relevant responsibilities.

-The wheel set must be compatible with the specifications of the bicycle parts before installation.

-The carbon frame wheel set can only be used with Hubsmith® cycle parts and cycle accessories.

- Do not modify, disassemble or destroy the original structure of the wheel set.

-Before each ride, please check whether the wheels are securely fitted on forks according to the instructions in the operation manual to ensure the riding safety.

-Before each ride, check that the wheels are running properly.

[Please continue on the next page]

-During the warranty period, regularly check the spoke tension, cinch(quick) release and consumable components of the wheel set at the original purchase place.

-According to the lightweight design of the wheel set, it is recommended that the total load weight is less than 100 kg.

▲ Carbon-fiber Frame Wheels and Aluminum Frame Wheels Instruction

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

-If you buy Hubsmith® carbon fiber wheels, you can only use the original carbon fiber brake pads provided from Hubsmith®. If you use the brake pads provided from the third party or other brand pads to cause serious damage to the wheel surface, you will be responsible for the consequences.

-The brake pads for aluminum alloy frame cannot be used interchangeably with the brake pads for carbon fiber frame, in order to avoid danger caused by riding, and you must be responsible for the consequences. When pressing the brakes, the left and right brakes should be activated simultaneously.

-When the brake is pressed and touched on the surface of the carbon fiber frame, it can only be placed briefly, release the brake in the middle and then press the brake again briefly. It is not suitable to press the brake for a long time. Pressing the brakes for a long time will cause serious wear and tear on the braking surface of the carbon fiber frame (such as burning the frame) or bursting the frame, and you will be responsible for the consequences.

▲ Choosing the Right Tools

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

-The tire pressure of the wheel set must comply with the standard tire pressure in the product description.

-Only use rim tapes, inner tubes, and wheel tires that match the wheel set.

-Carbon-fiber frames cannot be used with latex tubes.

▲ Instruction for Inner Tube Installation

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

-Fit the rim tape.

-Inflate the tire with the maximum standard pressure value.

-Check that the tires are positioned correctly.

-The entire circumference of the tire must be evenly located on the rim.

-If you have any concerns about the tire installation position, please consult a professional technician or dealer.

▲ Instruction for Freewheels Installation

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

Please follow the instructions of the freewheels that is provided by the third party for installation.

▲ Installation of Brake Pads for Aluminum Frame

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

-Install brake pads according to their direction.

-Screw locks in place.

[Please continue on the next page]

-Make sure that the brake pads are not sliding.

▲ Instruction for Quick Release Installation

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

-(Step 1) Position the wheel set at the claw part of the bike fork/frame.

-(Step 2) Remove the quick-release nut and pass the quick-release axle straight through the axle of the hub.

-(Step 3) Retighten the removed nut.

-(Step 4) Turn the head of the quick release handle to a vertical angle with the quick release axle.

-(Step 5) Make sure the direction of the quick release handle of the wheel set is upward and parallel with your bike fork, and the direction of the handle side of the quick release of the front wheel must be installed at the non-disc brake end.



Step 1



Step 2



Step 3



Step 4



Step 5

****Check if the installation position of the wheel set is correct****

Test immediately: lift the installed wheel set, and tap the wheel set from the top. The wheel set cannot be shaken. Before riding, be sure to repeat the previous steps to confirm whether the wheel set is securely installed in the fork and the frame of your bike.

▲ Instruction for Hub Cinch Installation (only for Bumble series mini wheelsets)

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

-(Step 1) Position the wheel set at the position of claw part of the bike fork/frame.

-(Step 2) Use a 14mm open wrench to lock the lock nut on the fork and the frame.

-(Step 3) Use a 2.5mm hexagon wrench to tighten the small screw above the nut.

[Please continue on the next page]



Step 1



Step 2



Step 3



Step 4

▲ Instruction for Cinch Release Installation

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

- (Step 1) Position the wheel set at the position of claw part of the bike fork/frame.
- (Step 2) Remove the one-side lock nut and pass the cinch release axle straight through the axle of the hub.
- (Step 3) Use the open-end wrench to re-lock the loosened nut clockwise.
- (Step 4) Finally use a 2.5mm hexagon wrench to lock the small nut clockwise.



Step 1



Step 2



Step 3

▲ Maintenance and Repair

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

- Check whether the wheel set is worn (such as frame, spokes, aluminum / copper nipples, hub, etc.).
- Clean the wheels with a soft sponge and a special cleaner.
- Check whether the wheel set is properly fixed.
- Check the tire inflation pressure (based on the Hubsmith setting).
- Remove dirt on the brake pads.
- Check the wear and tear situation of brake pads to facilitate replacement.
- Remove residual impurities (such as sand, gravel, etc.).

[Please continue on the next page]

▲ Consumable Items of Wheelsets

(Caution! Improper operation or incorrect installation or irregular maintenance will cause serious accidents)

freehub body	brake pad	nipples	water-decal	spokes
spring	rim tape	pawls	bearings	washer

Hubsmith® reserves the right of final interpretation of this document without prior notice. For the latest news, please check www.hubsmith.com or contact with Hubsmith authorized dealers.

