

All-wings

Leads you to a beautiful new world



www.all-wings.com.tw



100公里僅只是熱身, 500 公里才是終極目標

我們將人體與自行車重新配置，創造出全新的自行車座墊及騎乘力學，致力於創新與研發，設計並製造新世紀自行車座墊。徹底解決長久以來傳統座墊所造成的問題。它將守護你的健康、提升你的極限、使你更強大。

我們在一些國家已有了經銷商或獨家代理商，我們也正積極地尋找世界各國的代理商。**All-wings** 將引領大家前進美麗新世界。

All-wings saddle Taiwan

All-wings

材質



淨重: 207g 最大載重 : 100kg



極具韌性與彈性





鷗翼以全新的座墊設計概念以及創新的騎乘力學、人體工學，大幅增進踩踏效率，座墊中央完全鏤空，使用卡鞋後拉上提時的反作用力是完全落在另一側坐骨，而不是陰部，無論是連續24小時騎乘或500公里長途挑戰，會陰部的壓力永遠是零，大幅降低雙腿負擔，讓您騎得更快、更久、更遠。

壓力轉移

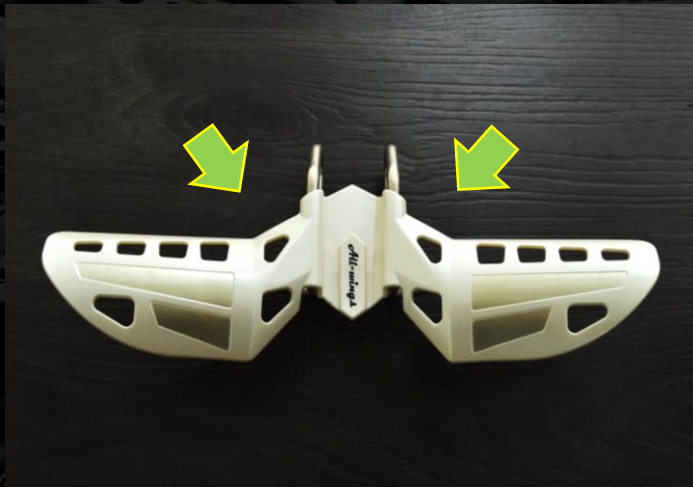
All-wings 的坐墊設計是將傳統座墊集中於會陰部的壓力完全轉移至兩側坐骨，而坐骨正是整個骨盆腔最能承受衝擊力的部位。即使在騎乘時坐點隨著地形及騎乘姿勢的變化而前後移動，中央區域也完全懸空無任何壓力，所有的壓力很明顯地落在兩側坐骨。

由於所有的車友長期習慣了傳統座墊的乘坐感，All-wings 沒有了鼻頭所以初學者在剛開始時或許會因為胯下沒有了任何壓力或依靠而感到不安，這對部份的車友而言這需要些許時間去適應。

All-wings

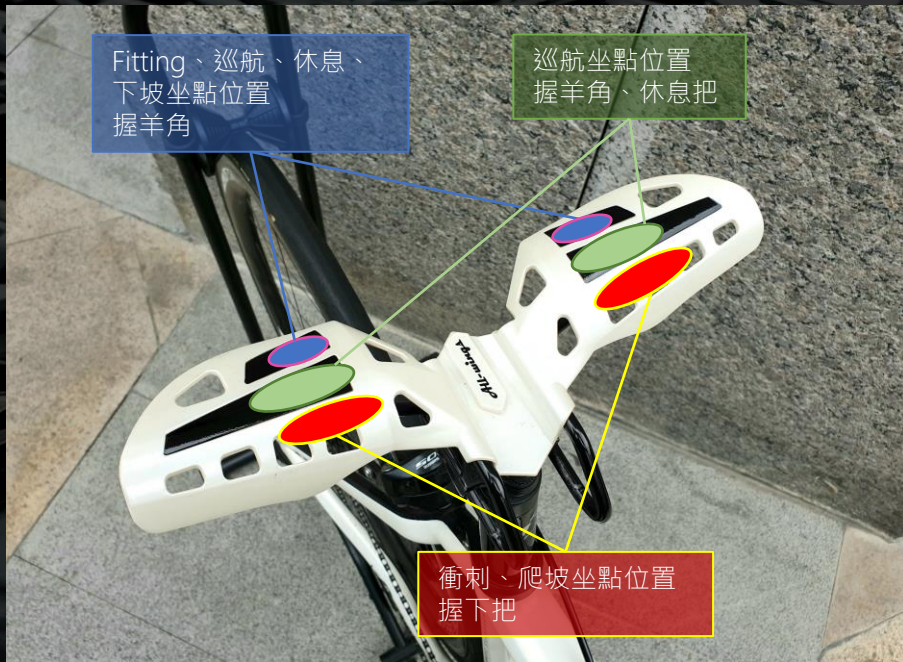


左右定位



往前並向下延伸的座弓與翼片形成約 90° 夾角，在騎乘時座弓完全不會勘擾到腿部的踩踏動作，而在向下踩踏時大腿刻意向內靠攏時座弓即起了明顯的定位作用，提供了腿部所需要的依靠。

坐點變換



使用傳統座墊時許多人的共同經驗是...一開始騎車時臀部確實是左右平均地坐在座墊上，但在一段時間後 為了減輕會陰的壓迫就都是坐歪一邊，如此地...一路上都是左右坐骨輪流交換、歪著身體騎車。

使用鷗翼座墊則是讓你全程四平八穩的坐著，兩個坐骨是平均受力。隨著騎乘姿勢的變換而坐點的前後移動就能同時達到減輕坐骨壓力的目的。

用握下把衝刺的姿勢時在會陰及臀部坐骨的壓力反而是最輕的，這也是鷗翼最大的特點之一。

踩踏輸出



右腳腿從 12 點鐘位置提早開始發力輸出至 5 點鐘位置，因翼片抵住左大腿根部防止身體後移，所以踩踏動能不減損；左腿輸出時也一樣。施力的動作則類似跑步時的肌肉運用。



功能與技巧



拉卡

許多車友表示：使用傳統座墊時只有起身抽車時才會真的拉卡，而坐著時幾乎不會拉卡，因為坐著時拉卡的力道與會陰的壓力成正比，所以...大家都不可能自虐。而站起來抽車用力拉卡時也確實常造成後輪抬離的空轉情形發生。

所以請你坐著拉卡，右腿後拉上提時反作用力落在左臀坐骨，完全避免了會陰的壓迫，左腿拉卡時也一樣。體重透過座墊確實地壓住了車身，所以再怎麼用力拉卡也不會造成後輪抬離地面而造成動能輸出的減損。你的股二頭肌還有很大的鍛鍊空間，甚至你將可以坐著拉卡騎長上坡。



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上坡



上坡騎乘時翼片抵住大腿後方，身體完全不會往後滑動，雙手不需時時緊握把手，上半身完全無壓力，即使是上坡也可放開雙手騎乘。踩踏動能從大腿根部開始至腳部完全灌入踏板，動能也完全不減損，使得上坡更輕鬆。

請將車架在訓練台上並用矮凳將前輪抬高，模擬上坡角度並試著完全放鬆上半身並練習踩踏及拉卡，節省不必要的體力支出。



即使上坡全程握下把，會陰也不會有任何壓力。

T2 騎跑轉換

三鐵競賽時在T2騎跑轉換點之前的適當距離開始，就以拉卡輸出取代踩踏輸出，讓股四頭肌能有充裕的休息時間直到抵達轉換區，下車轉換跑步時將不再軟腳，不再需要別人攙扶。
這是鷗翼座墊運用於鐵人三項競賽時最大的優點。



Installing & Fitting Guide

1

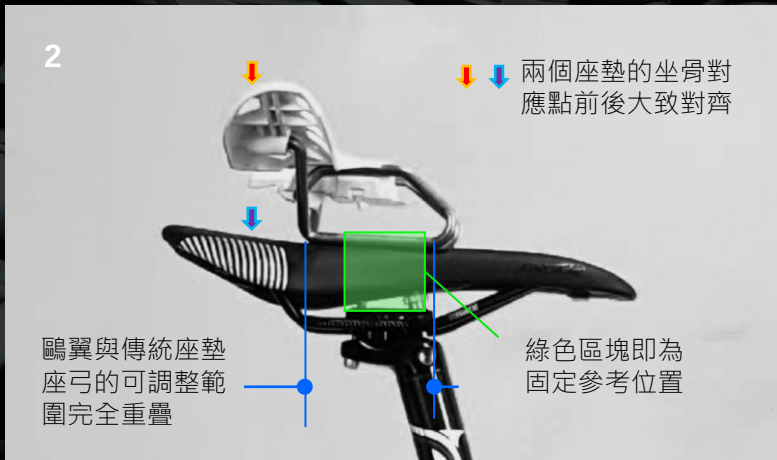


1. 藍色區塊是正確的坐骨對應點

2. 鷗翼的坐骨對應點與傳統座墊的坐骨對應點重疊時，鷗翼座墊的座弓與傳統座墊的座弓的有效調整範圍是完全重疊的。

拆除原車座墊前，建議先行初步比對安裝的前後參考位置（綠色區塊）。

2



3



初次安裝時建議以座弓底部為準而呈水平角度

4

腿部完全伸展 →



騎士的坐骨對應在正確的對應位置後，腳跟部位踩在踏板軸心，踏至下死點位置，腿部伸直並卻能確實地踏在踏板的軸心上，此時座墊的高度即為理想高度。

座墊高度設定



▲ 踏板軸心

初次使用鷗翼者...建議以此點高度為準再降 1~2公分，可以讓你在初期更容易適應鷗翼，爾後每騎50公里再往上進行微調，每次調整 0.5~1公分

5



上卡後大腿與小腿呈現微彎角度。

座墊高度設定

▲ 踏板軸心



6



騎士坐在座墊的正確置後，腳跟踩在踏板中軸，踏板保持在3點鐘位置，小腿骨前緣部位應與地面呈現垂直角度，此時座墊的前後位置即為理想的位置。

座墊前後位置設定



可依據個人感受及騎乘習慣可再進行往前或往後大約2公分以內的微調。

7



座墊前後位置設定



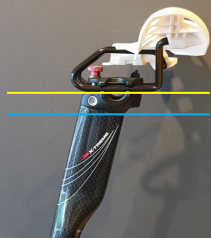
上卡後膝蓋前緣至腳踝之直線，應與膝蓋前緣之鉛垂線大約呈 15° 夾角，到此步驟...腰部以下的幾何設定就已經大致完成。



完成步驟7的設定之後...假如手肘微彎，雙手無法輕鬆握在羊角位置時，或是雙手握在羊角位置，手肘微彎並踩踏時臀部坐骨會抬離椅面...即代表車身上管太長、車架太大，必須更換長度較短的龍頭。否則...這將會造成你在長時間騎乘時雙手發麻，或是在高頻踩踏時造成身體跳動。

角度設定

A



A. 初次安裝時建議以座弓底部為準呈水平安裝。

B



B. 騎乘時若身體容易往前滑動，請調整成約略後傾角度，帶完全適應後再調回水平角度。

C. 前傾角度是最適合競速型公路車及三鐵計時車的設定，初使用鷗翼者勿急著做此設定。

C



—— 座弓底部
—— 水平線

Q & A

騎乘時若有以下情形.....

Q1. 身體容易往前滑移，坐不住

A:

1. 調整座墊傾斜角度往後傾斜 $2^{\circ}\sim 5^{\circ}$ 以座墊最底下座弓 為準
2. 或降低座墊管高度。
3. 或座墊位置往前移。

在適應鷗翼座墊後，若身體已不再會容易往前滑移時，就可漸漸將座墊調成水平，這可以使踩踏動作會更順暢。

Q2. 感覺肩膀、手臂很吃力、會痠。

A:

1. 調整座墊傾斜角度往後傾斜 $2^{\circ}\sim 5^{\circ}$ 以座墊最底下座弓 為準
2. 或降低座墊管高度。
3. 或座墊位置往前移。

Q3. 陰部或大腿內側會摩擦到座弓

A:

1. 降低座管高度。
2. 可能是乘坐點坐太後面，需將坐骨乘坐點稍微往前移。
3. 減少座墊後傾斜角度。

Q4. 踩踏時感覺大腿後方有阻礙

A:

1. 降低座墊高度。
2. 可能是乘坐點坐太後面，需將坐骨乘坐點稍微往前移。
3. 調整座墊傾斜，減少後傾角度、或是在完全適應鷗翼後將座墊調成微向前傾斜。

Q5. 騎乘一段時間後，雙手會發麻...

A:

1. 此狀況通常可能是個人在騎乘時，有手臂撐直的習慣，建議在騎乘時手臂應微彎。
2. 座墊上的座點到把手羊角的距離這過長，這通常是上管過長所造成，建議更換成較短龍頭，即可改善此問題。

一公分的高度變化及前後移動，一度的傾斜角度變化均會有完全不同的騎乘感受，這也是鷗翼座墊與傳統座墊差別最大的地方，必須多次實際上路測試再調整，才能找到符合個人的最佳安裝狀態。

CAUTION

★★★★ 寒冷/乾燥氣候地區注意事項 ★★★★★

座墊椅面的尼龍材質吸收水份後，即可呈現非常強韌有彈性的物理特性。但在寒冷乾燥氣候地區...座墊長時間處於低氣溫 接近0度或以下/相對濕度 40%以下 的環境中，尼龍本體會逐漸失去水份後或結冰會變成堅硬並且容易斷裂，當你用手輕壓座墊翼片並發現座墊變堅硬無彈性時，切勿騎乘座墊，以免造成斷裂而發生危險。

使用者可以將座墊浸泡於40度~50度熱水中，30分鐘~1小時，座墊即可恢復柔韌有彈性的狀態。

★★★★ 嚴禁使用高溫開水 ★★★★★

★★★★ 嚴禁浸泡溫熱水超過2小時 ★★★★★

座弓表面均有防鏽處理層，而對於流汗量大的使用者須注意，汗水是有侵蝕性的，建議經常使用防鏽油做清潔擦拭保養。

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Total sale | Skiing | Bicycles | Clothes | Helmets, glasses and protectors | Shoes and shoes | Add-ons | Service and components

What do our customers think of the All-wings saddle?

A saddler stuck right up your ass? Oh, no. Pioneer

You're going to need time, patience and an embus in your pocket over the visual impression to others that your seat is stuck right installation of the saddle, you will receive a set of practical advice. Humidity and subsequently gradually lower the seat. And I'm faster dividing line between "I'm going to throw it in the river" and "gru

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"The all-wings saddle is a pioneering concept that I believe is remarkable not only for me."

I don't advertise to anyone. I like my favorite brand of watches, clothes. The all-wings saddle is a pioneering concept that I believe is remarkable



Tomáš Šebek, a surgeon
at
The Iva Františka Hospital, participated in the Doctors Without Borders



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"Personally, I am very satisfied with the saddle, I myself recommended the saddle to patients..."

I think the saddle is especially great for recreational riders and could also be used for e-bikes. Personally, I'm very happy with the saddle... I've convinced myself that he doesn't really hurt his ass, as they say. And from a professional health point of view, I would say that people who have problems around the anus, prostate or dam can be helped by this saddle and it can be of great importance to them. I myself have recommended the saddle to patients who I know could once again allow them to run the sport painlessly.



Prof. Jan Pirk, DrSc. cardiologist

"Hello, sometime in 1986 or 1987 during my studies at the Technical University of Liberec within the framework of machine and equipment design, we also addressed the issue of ergonomics, the relationship of man to the device and its operation, the user-friendliness of the design solution. At the time, the professor showed us a short film of how someone went to work and invented the ideal bike seat to perfectly suit a person's body and why they have huge buttock muscles to sit on. And the result of this research more than 30 years ago was a saddle in the form of two small buns on which the cyclist sat. A hundred kilometers wasn't a problem. It looked strange, but it was definitely a revolutionary solution and a paradigm shift in the concept of a bike and a bike saddle. I didn't know anyone would come back to the idea. Patent protection may have expired, but I'm very surprised. When I saw the saddle in your commercial, I got it right away on my mountain, and I have to say, that's it. The saddle design is a long way from the 2 padded buns I saw some 30 years ago. It's great. And to congratulations on the courage to break the paradigms that are around us. When a few other cyclists try it, they'll understand. Yes, my sporty slender saddle looks very elegant, but ask me about the feelings along the longer route in the field the next day and why on longer routes I get up from time to time and let blood into places where men are particularly delicate... May you and your colleagues tread well on this new journey..."

Jan Brázda

Highly recommended
by Czech physicians

LINK





All-wings saddle community

← All-wings saddle Co... 🔍 ⚙️

Romel Detuya Casaña
2019年10月22日03:47 · 🌐

I am a new cyclist in Muscat, Oman. I purchased a road bike for the purpose to join a triathlon. Within 3 months of using my bike, I felt pain in my genital area due to the pressure of the saddle in the middle part during cycling. The longer the time I do cycling, the more pain I feel in the genital area. So I decided to look for an alternative saddle in YouTube in order to have comfort while cycling. I found a lot of saddles similar to mine. One saddle that caught my attention was the All-Wings Saddle Taiwan (which had a different style/design). I found it on Amazon and decided to purchase it. During my first use, I didn't experience any pain on my genital area not like my previous original saddle. This was because in the saddle, there was an empty space on the genital area, so it did not cause any pressure. The pain that I experienced is due to the direct contact of the saddle wing. It took

以粉絲專頁的身分互動

← All-wings saddle Co... 🔍 ⚙️

adjustment so that you will not slip and fall. Patience is needed during adjustment in order to get the proper angle of the saddle. It took me 1 month to fully appreciate this saddle and become comfortable with it. Now I'm enjoying cycling with this new saddle. The longest time I used it is 3 hours straight without pain. My focus now is on improving my speed because I'm new to cycling.

#OMANTRIATHLON
#PHILIPPINESTRIATHLON

以粉絲專頁的身分互動

← All-wings saddle Co... 🔍 ⚙️

Darryl McNeal
6月15日08:33 · 🌐

Man I love the Hayabusa! Most riders say you have to ride your seat for a while before you get used to the pain but with this seat there wasn't any pain to worry about after riding. So far I've done two hundred miles on the seat without the pain! Changing to this seat was the best decision I could have made.

以粉絲專頁的身分互動

← All-wings saddle Co... 🔍 ⚙️

百萬吉伯
2019年7月20日14:16 · 🌐

Hello! Guys I would like to share my first ride experience with All-wings saddle Taiwan 🇹🇼. Biking is the best hobbits exercise for me, and other people likely too. Exploring the world from the saddle can be one of the best experiences for me. What are you waiting for? Buy and experience for those in love with biking, explore your lands or where nation you are. Rides with All-wings is a great experience.

以粉絲專頁的身分互動

← All-wings saddle Co... 🔍 ⚙️

Eli Abrosimov
2019年11月9日21:16 · 🌐

Cold Russian autumn with All-wings saddle. 🍁
Kaliningrad, Russia.

國外網購

你、曾詩王和其他72人

以粉絲專頁的身分互動





得獎：

- 1. 2017 台北國際發明暨技術交易展
鉑金獎
- 2. 2018 國家發明創作獎
發明組 銀牌獎
- 3. 2019 由國家永久蒐藏並陳列於
國立科學工藝博物館



Patent no.

Taiwan

M442310 M451293 I 429553

M522890 D176818 I 486277

CHINA

ZL 2013 2 0047201.8 ZL 2013 1 0146864.X

ZL 2013 1 0184826.3 ZL 2013 1 0146967.6

USA

US 8,944,501 B2

JAPAN

1560611

EU

13161852.2-1760 < on patent >



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