

1

Fitting Guide



Ischial corresponds to
blue point

1. The blue area is the correct ischial contact point.

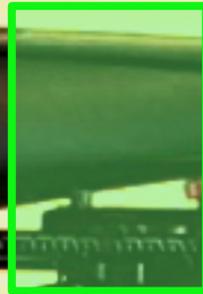
2



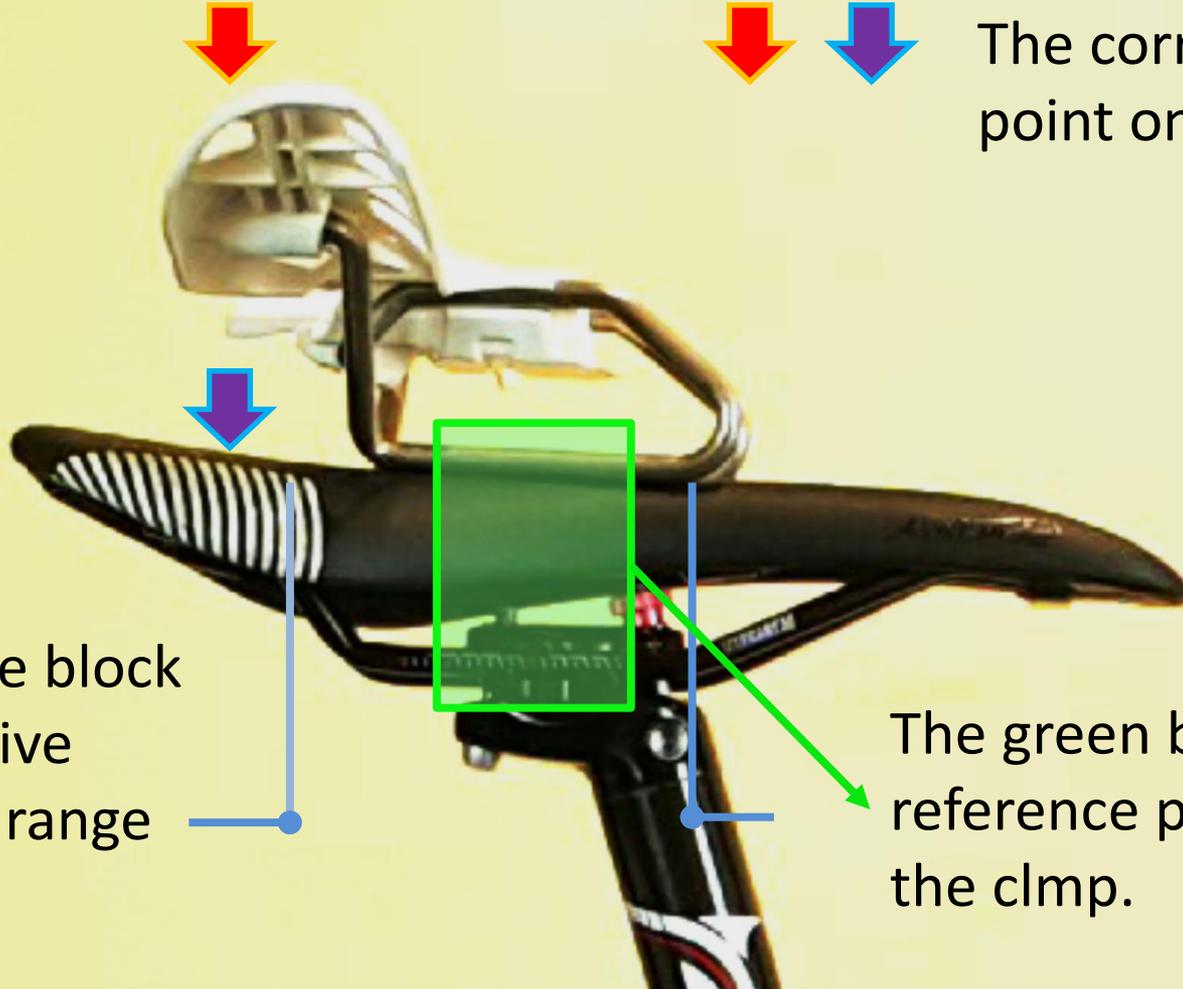
The corresponding point on the saddle



The blue line block is the effective adjustment range of the rail.



The green block is the reference position of the clamp.



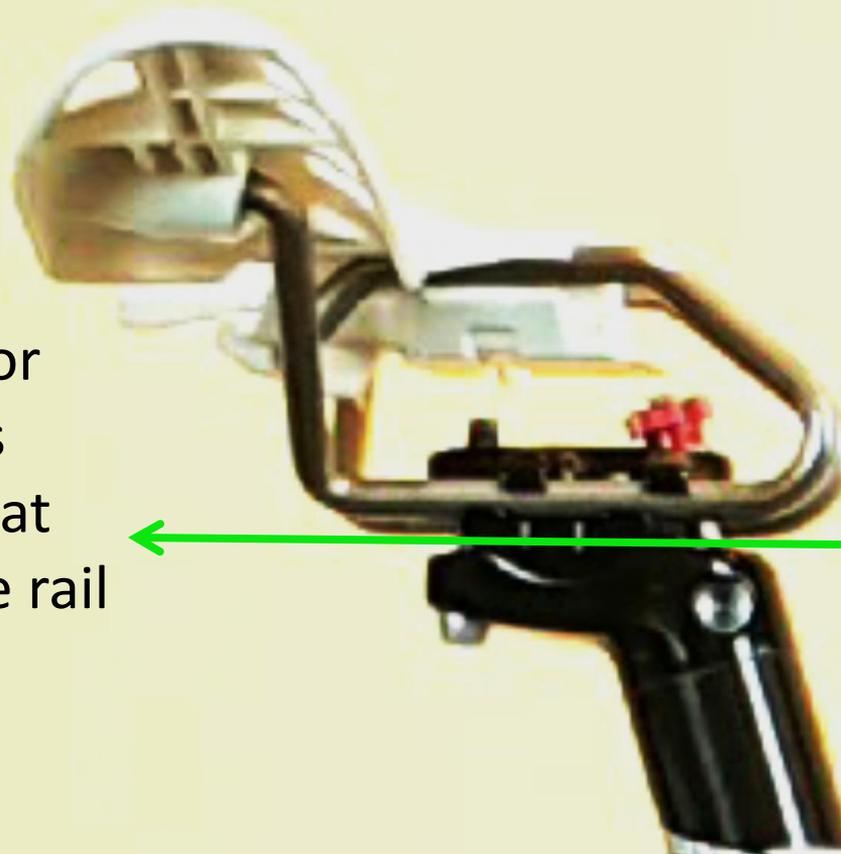
2. All-wings saddle compared with traditional one, their effective adjustment range of seat rail are overlapped completely.

The corresponding points of the ischial bones of the two kinds of saddle are also overlapping.

Before removing the original saddle, it is recommended to initially compare the installation location.

3

When installing for the first time, it is recommended that the bottom of the rail be the subject... horizontal angle.



0°

3. When installing for the first time, it is recommended that the bottom of the rail is to be set at an horizontal angle.

4

Full leg straight.



The apex of the yellow triangle is the axis of the pedal.



4. Saddle height setting

After the cyclist seat on the correct position of the All-wings saddle, the heel is stepped on the center axis of the pedal, pedaling to the bottom dead position, and the thigh and the calf are fully extended.

This height of the saddle is the ideal height.

We recommend the cyclists who use All-wings saddle for the first time to lower this ideal height by 1 to 2 cm, which will make it easier for you to adapt to All-wings saddle in the early stages.

After each 50 km riding, fine-tune the height upwards. Adjust 0.5 to 1 cm each time.

5



5. After stepping on the correct position of the pedal, the thigh and calf appear slightly curved.

6



6. Saddle forward or backward position setting

After the cyclist sit on correct point of the All-wings saddle, the heel is stepped on the pedal axis, and the pedal is held at the 3 o'clock position. The calf bone area should be perpendicular to the ground. The position of the saddle is the ideal position.

We suggest that you can fine-tune the saddle position based on your personal riding habits and feelings.

7



Slight bend

7. The straight line between the front edge of the knee and the ankle when stepping on the correct position of the pedal, It should be at an angle of about 15° to the vertical line of the leading edge of the knee.

After completing step 7.

The geometry setting below the waist is almost complete.

After completing the setting of step 7... If the elbow is slightly bent and your hands cannot be easily gripped on the top of the crowbar, the upper body tube is too long.

It is necessary to replace the shorter length stem.

Otherwise... this will cause numbness in both hands during long rides , or cause your body to bouncing when you pedal on high frequencies.

Q & A

Notice

All-wings saddle

type-Falcon installation and adjustment Q&A

When users found the following scenario while riding

Q1. Body slipping forward easily, can not main stable positions while cycling.

A:

1. adjust saddle tilt angle slightly backward.
2. lower the seatpost.
3. Move saddle forward.

Q2. Shoulders and arms being stressed and feel hard.

A:

1. adjust saddle tilt angle slightly backward.
2. lower the seatpost .
3. Move saddle forward.

Q3. Genitals or inner side of legs rubbing saddle surfaces

A:

1. lower saddle fixture position.
2. It could be backwards seated. Move the body forwards.

Q4. Uncomfortable feeling of legs during paddling

A:

1. lower the seatpost.
2. It could be backwards seated. Move the body forwards.
3. adjust saddle tilt angle slightly forwards.

Q5. After riding for a while, your hands will be numb...

A:

1. This condition may usually be the result of straightening your arms while riding, and it is recommended that your arms should be slightly bent when riding.

2. The distance from the saddle to the brake hooks of the handle is too long. This is usually caused by the length of the top tube. It is recommended to use a short stem to solve the problem.

All-wings bike saddle design was improved from conventional one. Bikers must try to adjust best positions repeatedly to obtain best experiences.

☆☆☆ Precautions for usages under cold and dry weather conditions

This saddle was made of nylon, it shows tough and flexible physical properties under common humidity environment since nylon was good absorbers of water particles.

However, when moisture under 40% or temperature under 0 degree conditions disappeared, nylon could be becoming hard and fragile. This symptom could be found when saddle exposed to cold and dry air conditions for long time.

An easy way to examine the saddle condition is to press the saddle surface by hands. In consideration of safety, please do not use the saddle if fragile feeling appears on hands, especially when knowing if the saddle stayed under cold and dry air conditions for long periods of time.

An easy solution is to soak the saddle in warm water (temperature between 40 °C ~ 50 °C) for 30 min ~ 1 hours ... thereby the saddle could recover it's initial conditions.

☆☆☆ Do not use boiling water. ☆☆☆