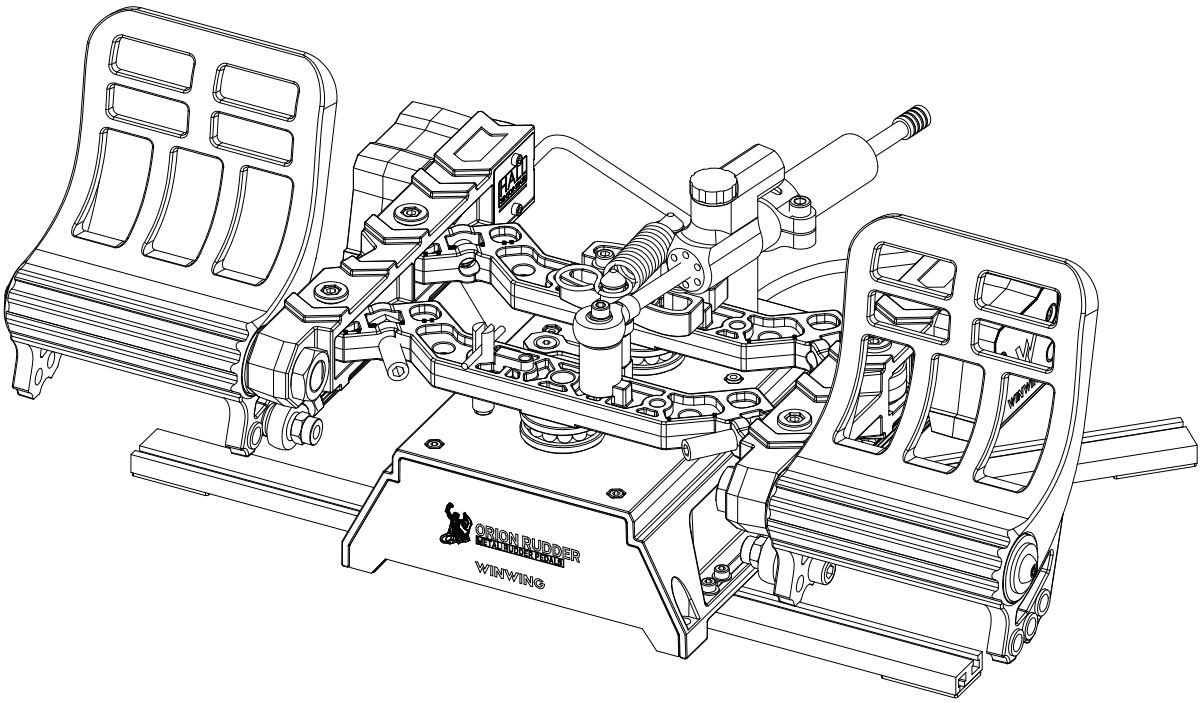
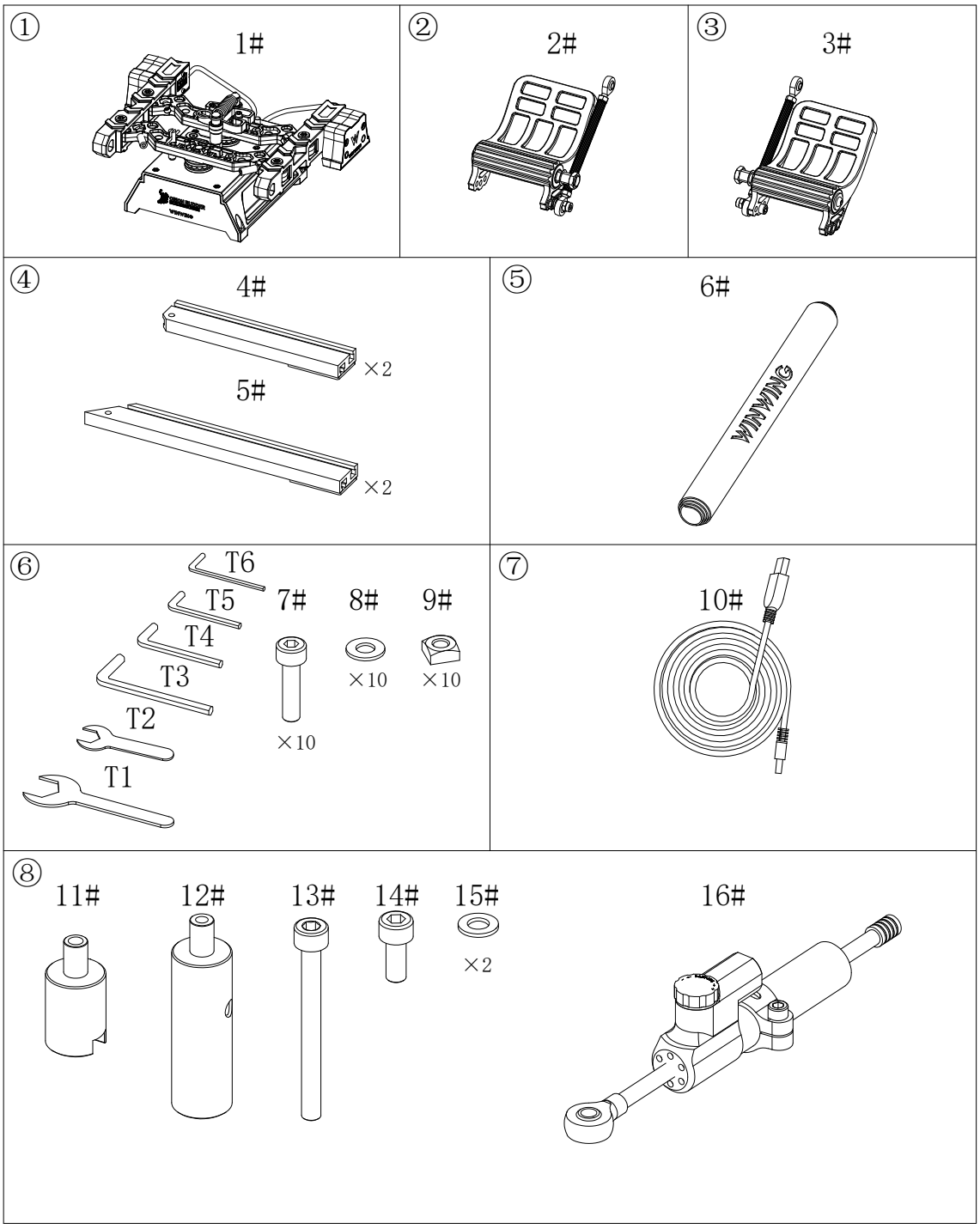
R1

User Manual V1.3 2024.07



Catalog

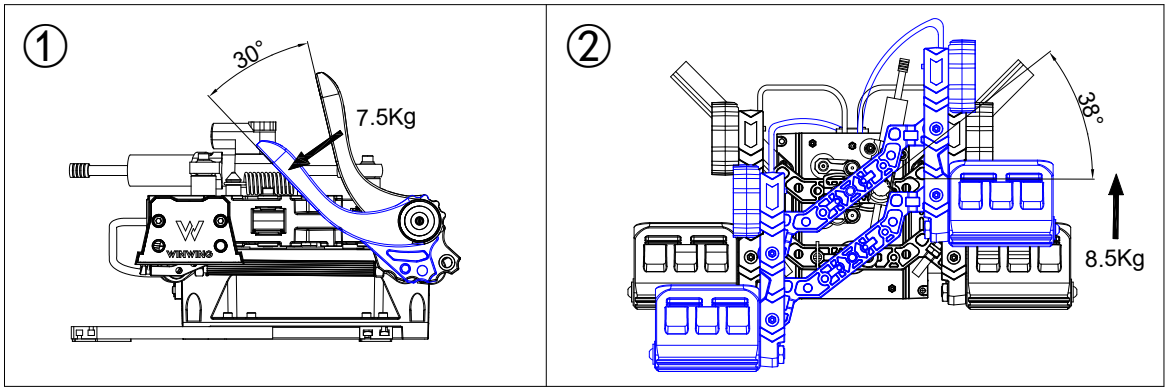
Contents in the box



1. R1-Footrest assembly 1
2. R1-Pedal assembly(left) 1
3. R1-Pedal assembly(right) 1
4. Support Bar assembly 1
*Please refer to the actual product, due to different production batches.
5. 防滑垫 Anti-slip Pad 1
6. 配件包 Accessories Kit 1
（Fasteners: M4*10 Square Nut, M4-9-1*10 Flat Washer, M4-16*10 Hexagon Socket Screw）
7. USB2.0-AM to straight head BM 1
8. Damper1(Optional: consumables are not covered by the warranty) 1
（Fasteners: 5-10-1*2 Flat Washer, M5-15*1 Hexagon Socket Screw, M5-55*1 Hexagon Socket Screw）

1. Parameters

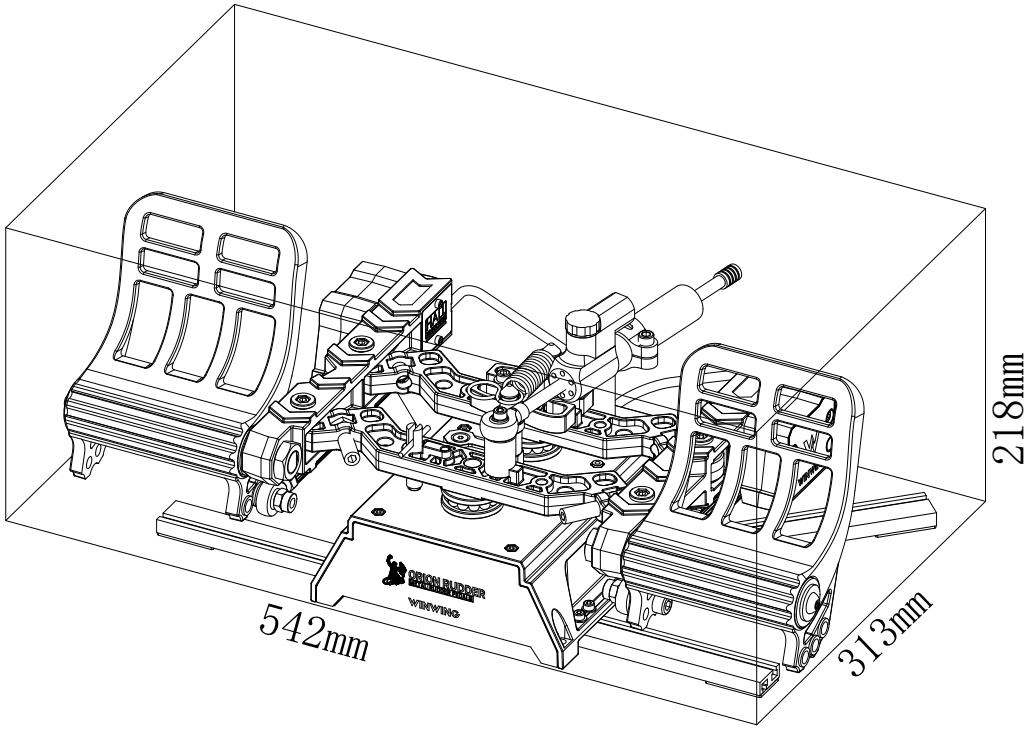
1.1. Performance Parameters



Motion Direction Rotation Angle Force	Motion Direction Rotation Angle Force	Motion Direction Rotation Angle Force
Pitch 30° 7.5Kg	Pitch 30° 7.5Kg	Pitch 30° 7.5Kg
Yaw 38°	Yaw 38°	Yaw 38°

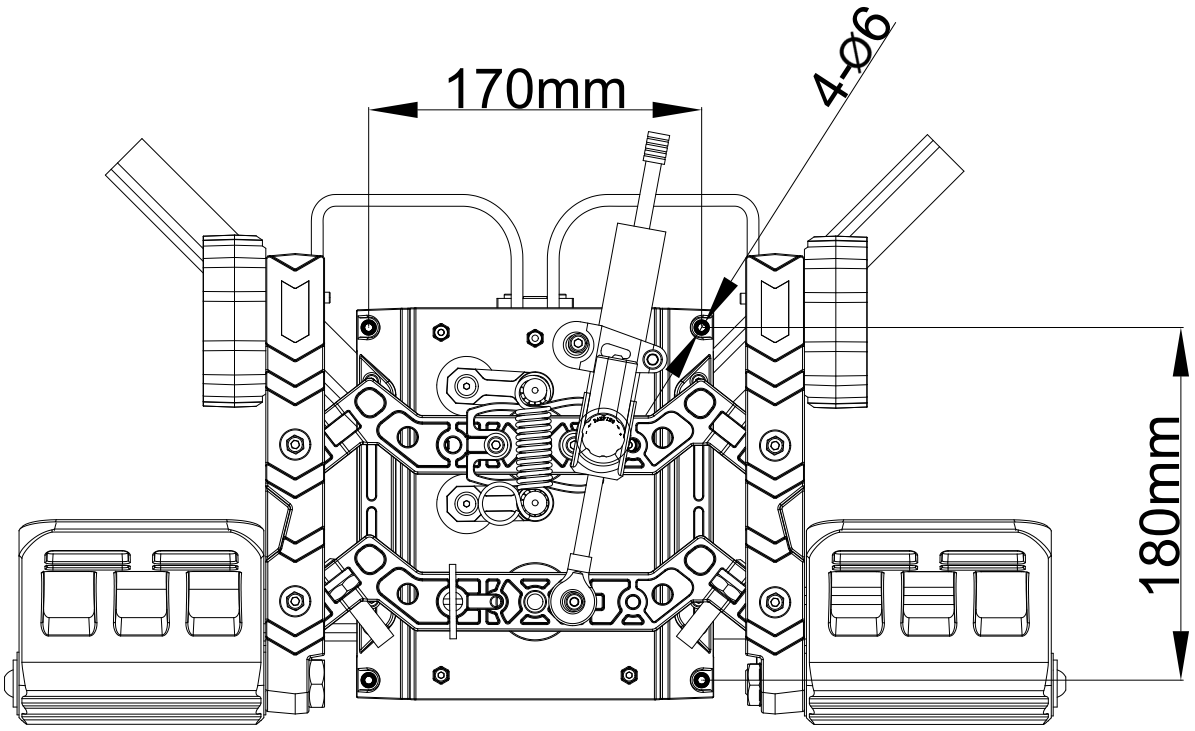
1.2. Dimensions

The product dimensions are as follows:
Length: 542mm, Width: 313mm, Height: 218mm; Weight: 6.6kg=14.55lb.



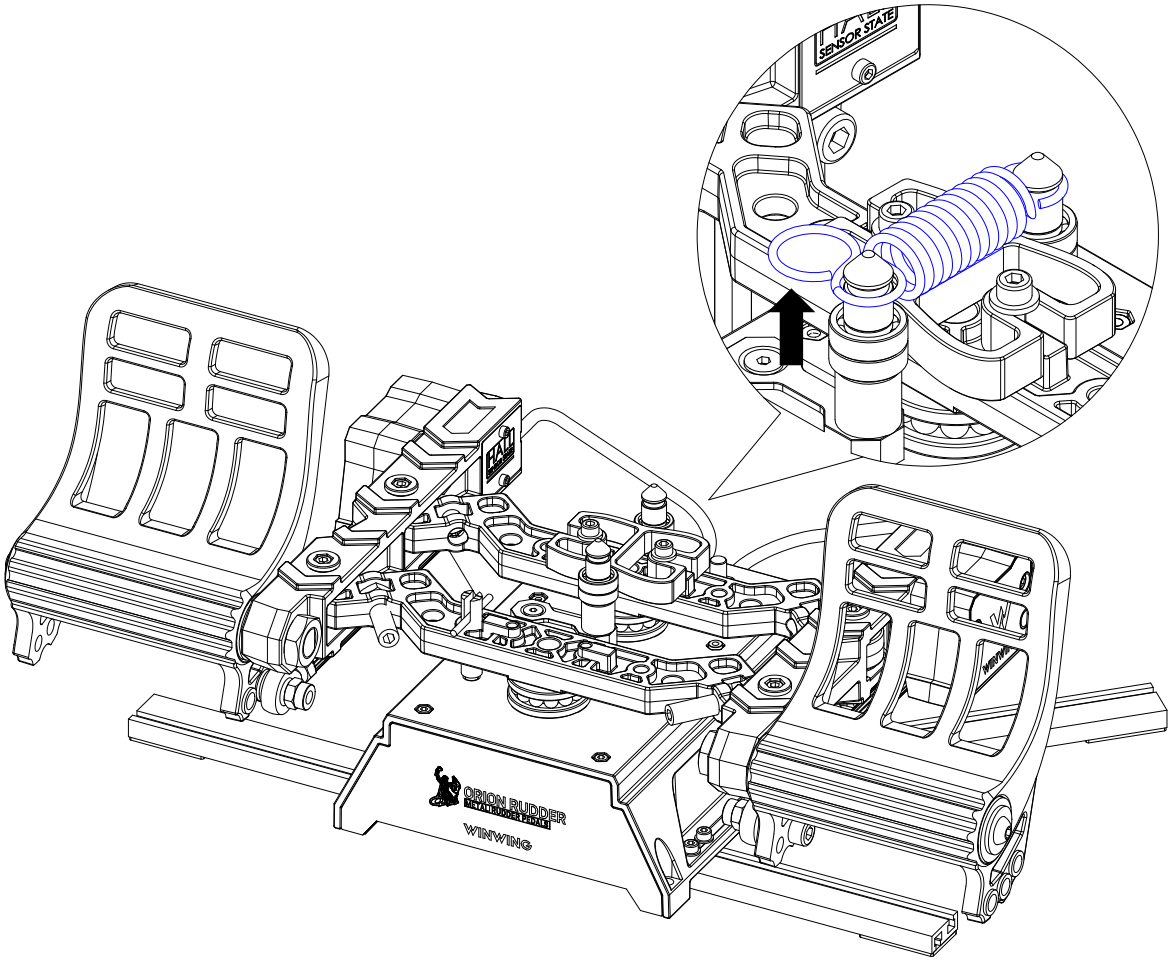
1.3. Extended Installation Dimensions

The mounting hole spacing for the base expansion is 180mm x 170mm, with a hole diameter of 6mm.



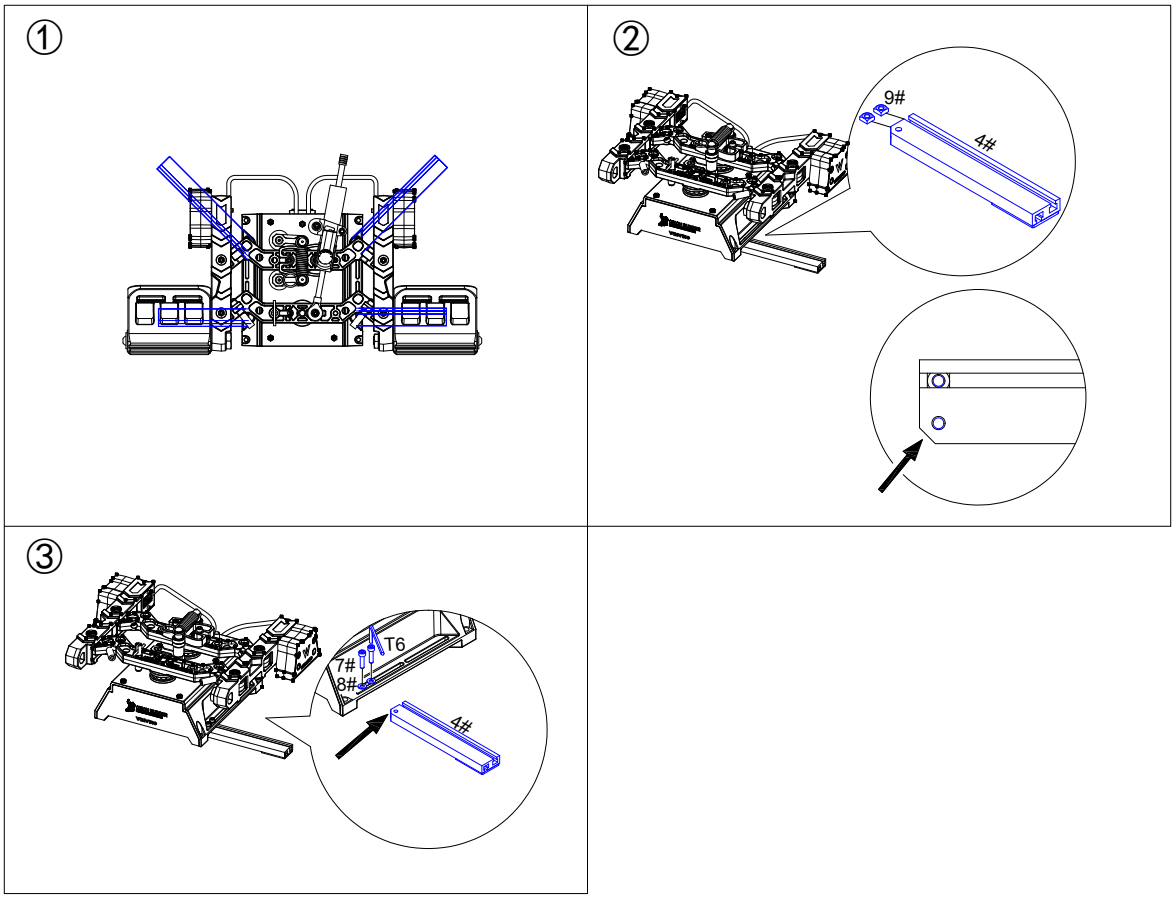
2. Assembly of Components

2.1. Method for disassembling and assembling the spring



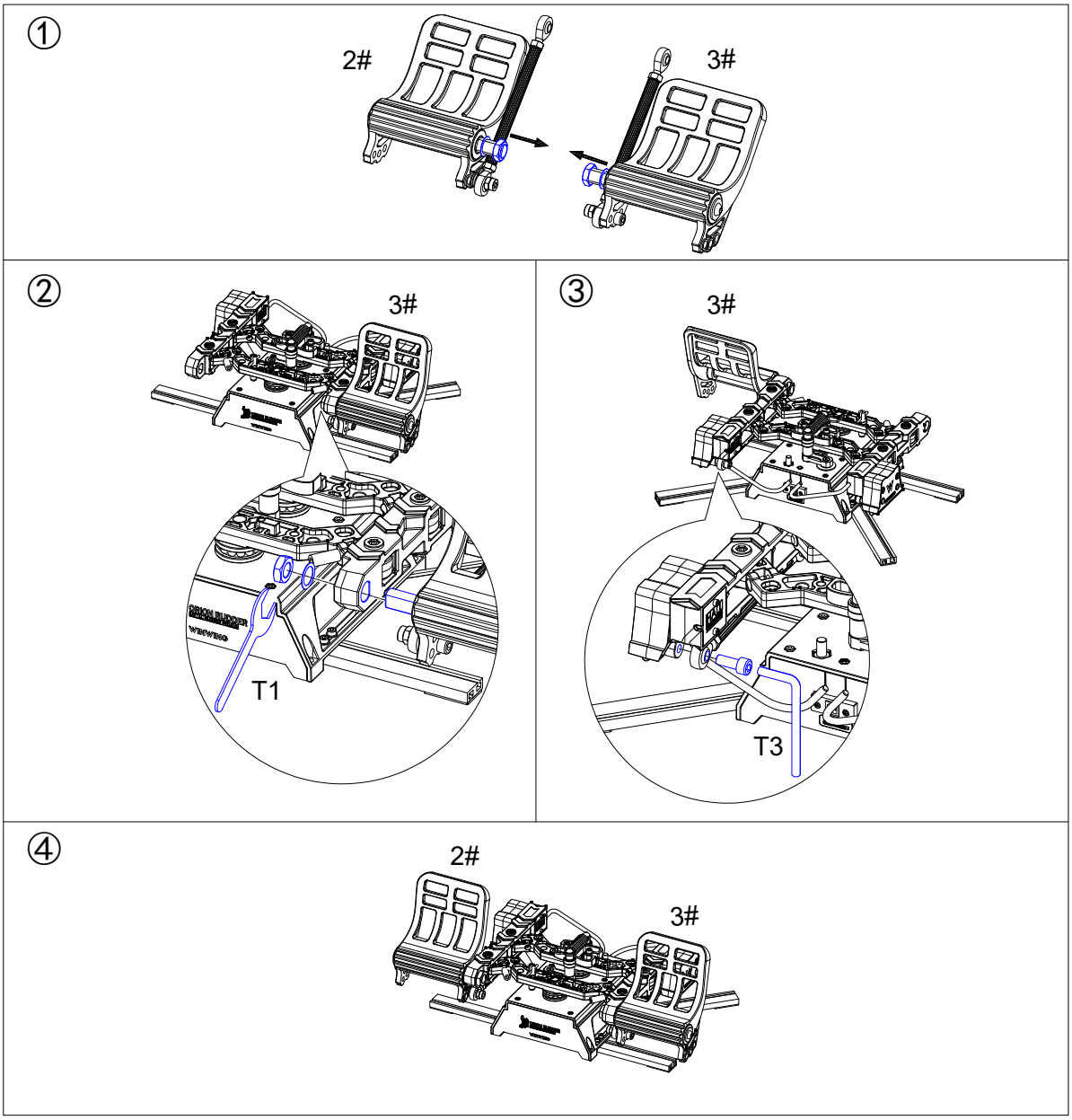
① Pull the spring ring upwards with force to remove it.
② To install the spring, pull the spring ring and place it onto the cone, then press downwards with force.

2.2. Installation method for support bars (4# and 5#)



① The effect after installing the support bars (4# and 5#).
② Insert the nut into the support bar (4#) as shown in the diagram, aligning the nut installation hole with the support bar installation hole.
③ After placing the support bar in the indicated position according to the diagram, tighten the screws with an Allen wrench (*with the pointed gap facing forward)
④ Repeat the same installation steps for the remaining support bars.

2.3. Installation method for pedal assembly (2# and 3#)



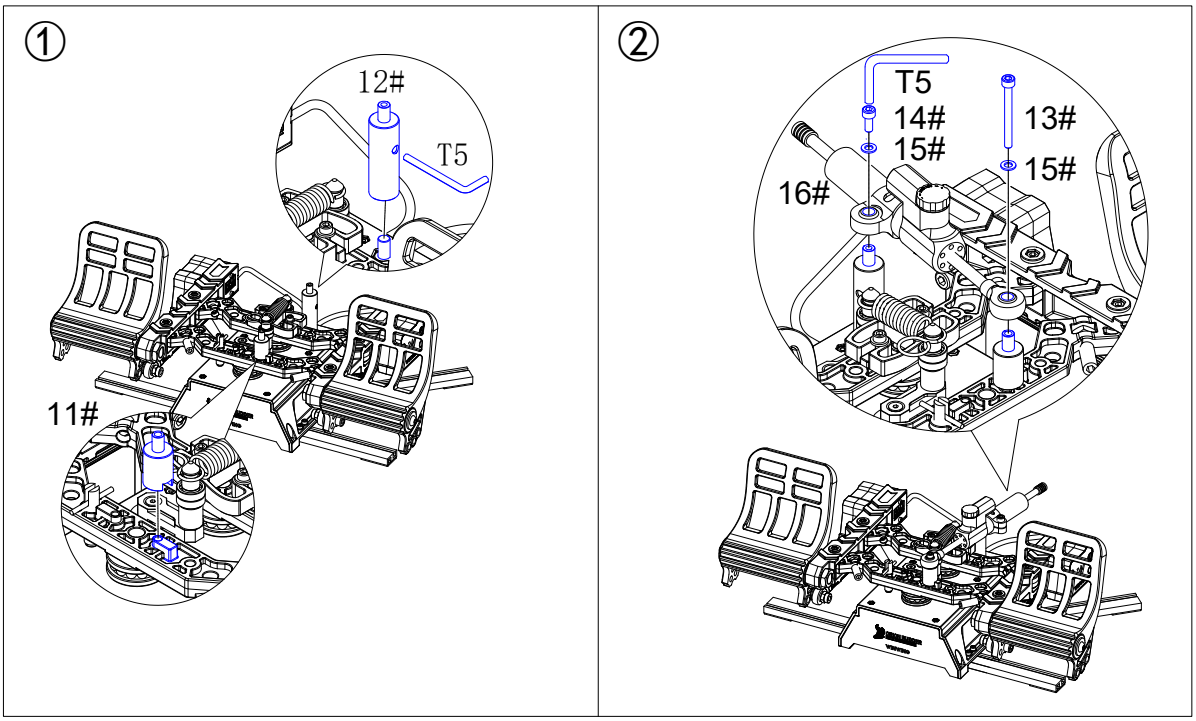
① Remove the pre-installed nuts and washers from the pedal assembly (2# and 3#);

② Align the installation shaft of the pedal assembly (3#) with the installation hole of the footrest assembly (1#) as shown in the diagram, and tighten the nut with an open-end wrench;

③ After rotating the footrest assembly, remove the pre-installed screws with an Allen wrench. Align the installation hole of the pedal assembly with the installation hole of the footrest assembly, and tighten the screws with an Allen wrench。

④ The steps on the left are the same as above。

2.4. Installation method for Damper1

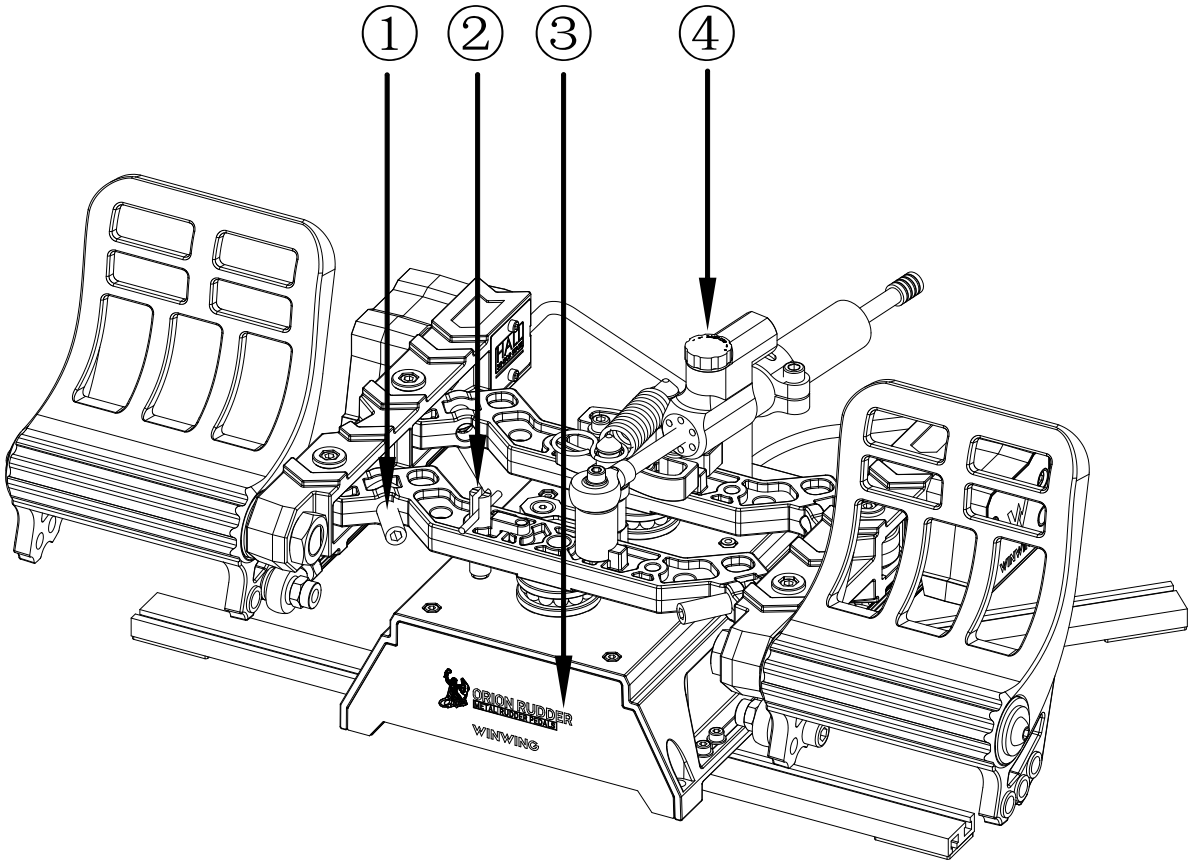


① Place support pillar 1 (11#) onto the protrusion of the footrest assembly (1#) as shown in the diagram. Screw support pillar 2 (12#) onto the screw of the footrest assembly and tighten it with an Allen wrench.

② Align the mounting hole of the damper (16#) with the installation shafts of support pillars 1 and 2, and tighten the screw with an Allen wrench.

3. Function

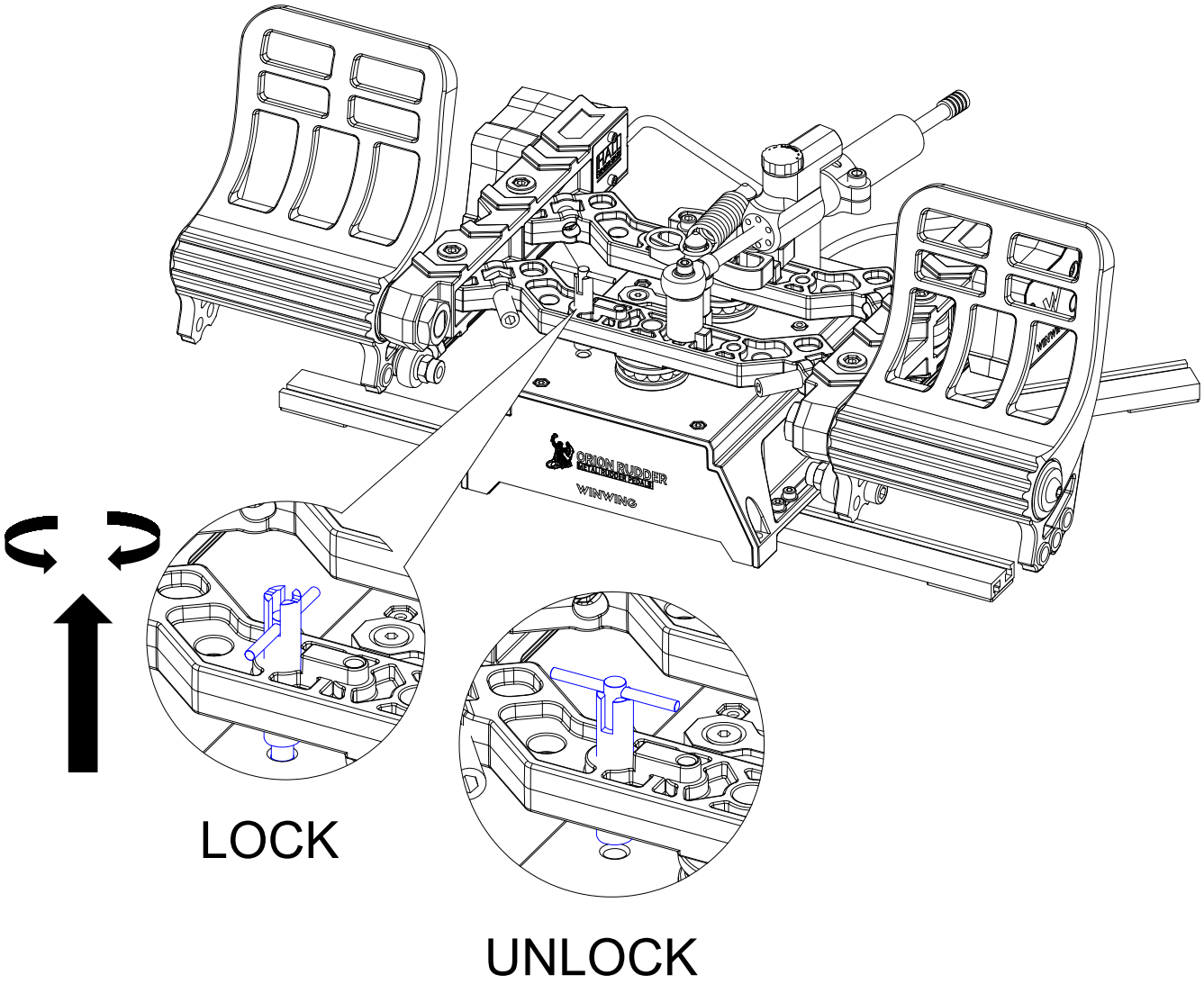
3.1. Buttons and Functions



① The Glue Jackscrew provides stepless adjustment, allowing control of the yaw axis with a stroke range of 0-38°
② The T-Handle pin is used to quickly lock the yaw axis.
③ LED
④ The damper (16#) is used to adjust the rebound damping, reducing oscillation frequency and increasing stability.

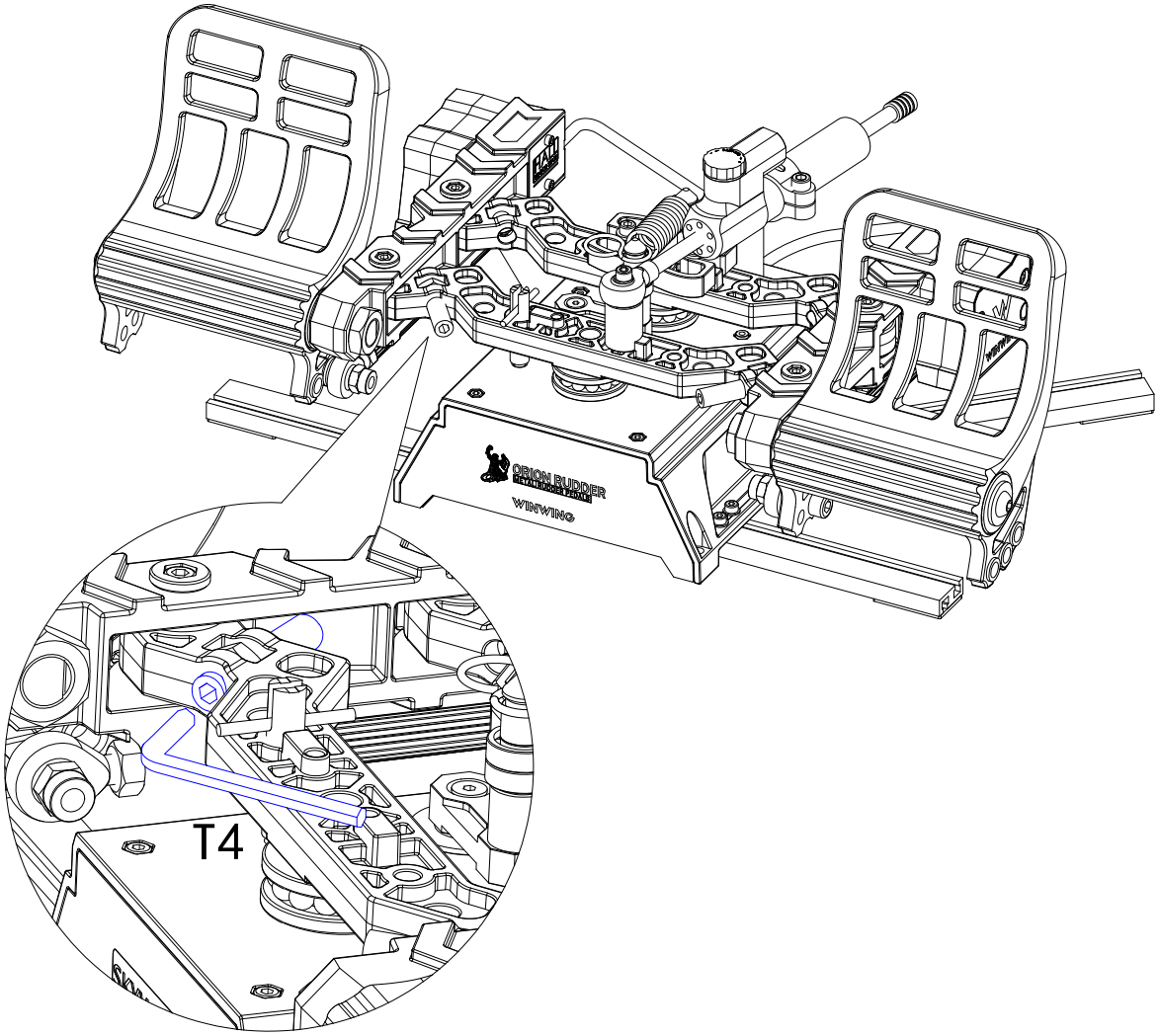
3.2. Adjustment Methods

3.2.1. Method for adjusting the T-Handle pin



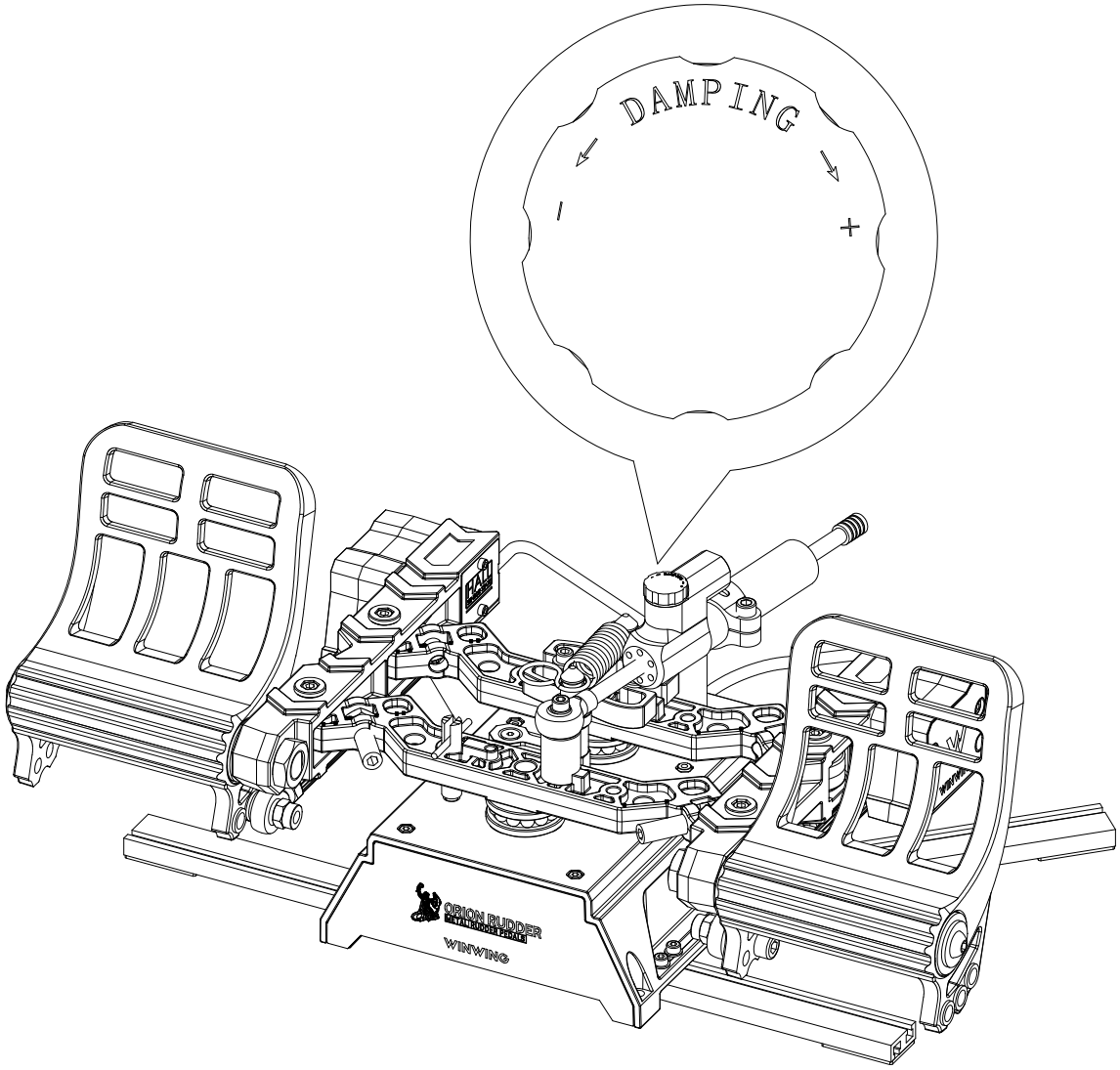
① Pull up the T-Handle pin as shown in the diagram and rotate it to the groove

3.2.2. Method for adjusting the Glue Jackscrew



① As shown in the diagram, the Glue Jackscrew can be adjusted on one side. Turning the Allen wrench counterclockwise unscrews it, while turning it clockwise screws it in

3.2.3. Damping Adjustment Method

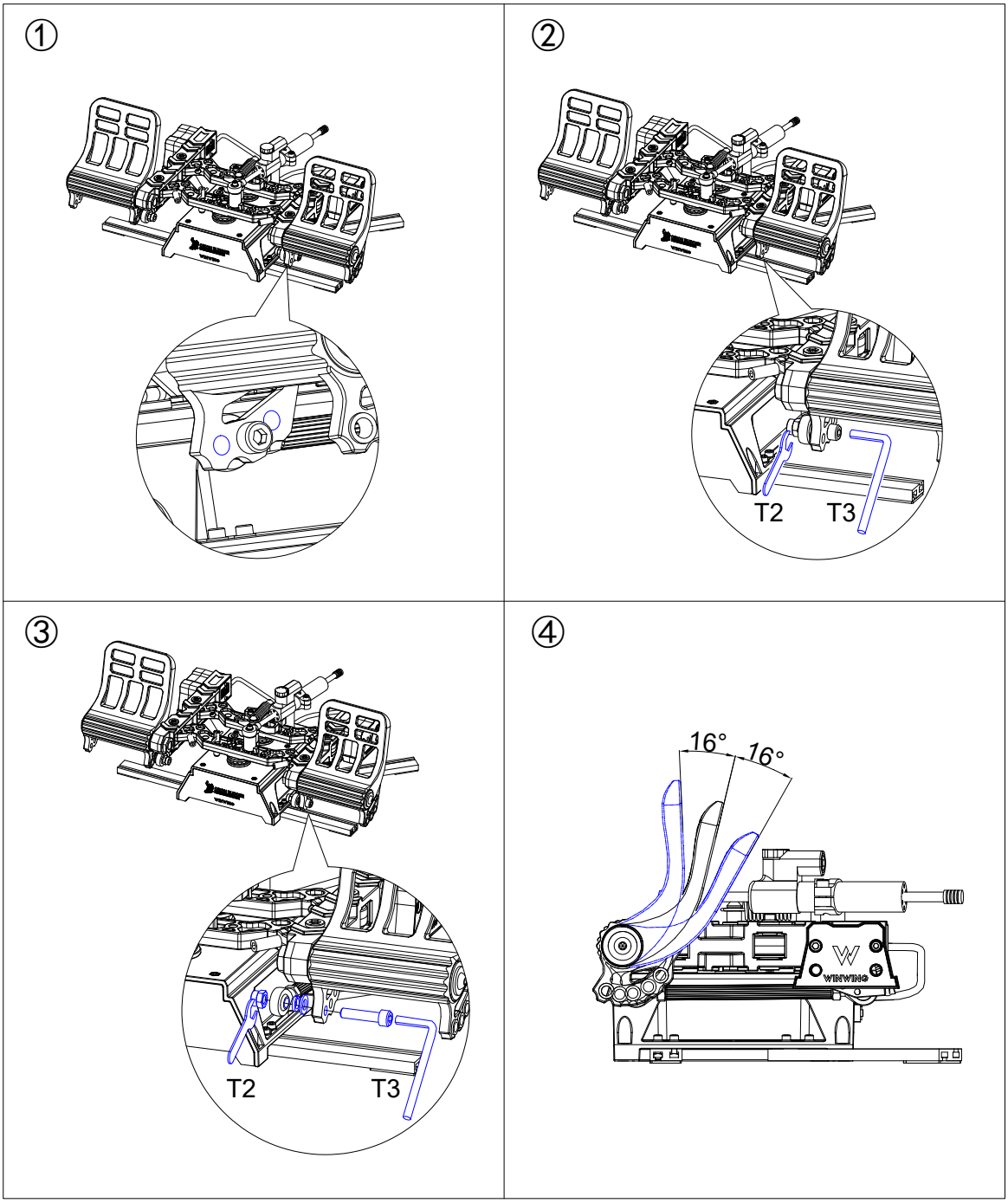


① The damping levels are adjustable, with different values for each level

Damping Levels Damper Performance Note	Damping Levels Damper Performance Note	Damping Levels Damper Performance Note
≤20 Optimal Usage Range Recommended to Select This Range	≤20 Optimal Usage Range Recommended to Select This Range	≤20 Optimal Usage Range Recommended to Select This Range
＞20	＞20	＞20

- Consumables are not covered by the warranty。

3.2.4. Adjustment method for pedal assembly (2# and 3#)



① As shown in the diagram, the pedal assembly (2# and 3#) has three adjustable gear.

② Remove the pre-installed screws, nuts, and other parts from the pedal assembly using an Allen wrench and an open-end wrench.

③ Install the removed parts into the adjustable holes.

④ Adjust the angle after selecting the desired gear.

*Content may be updated without prior notice.

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