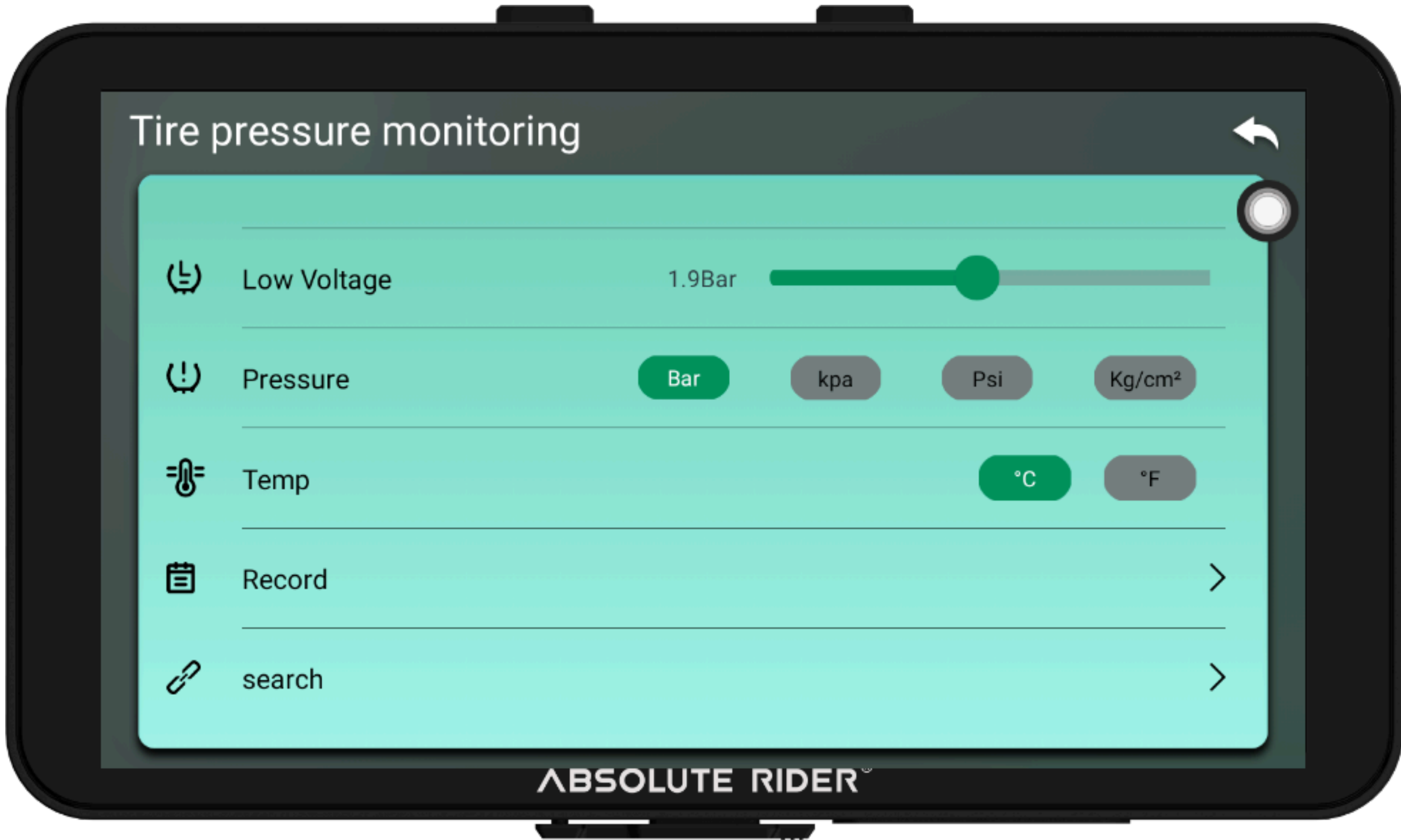
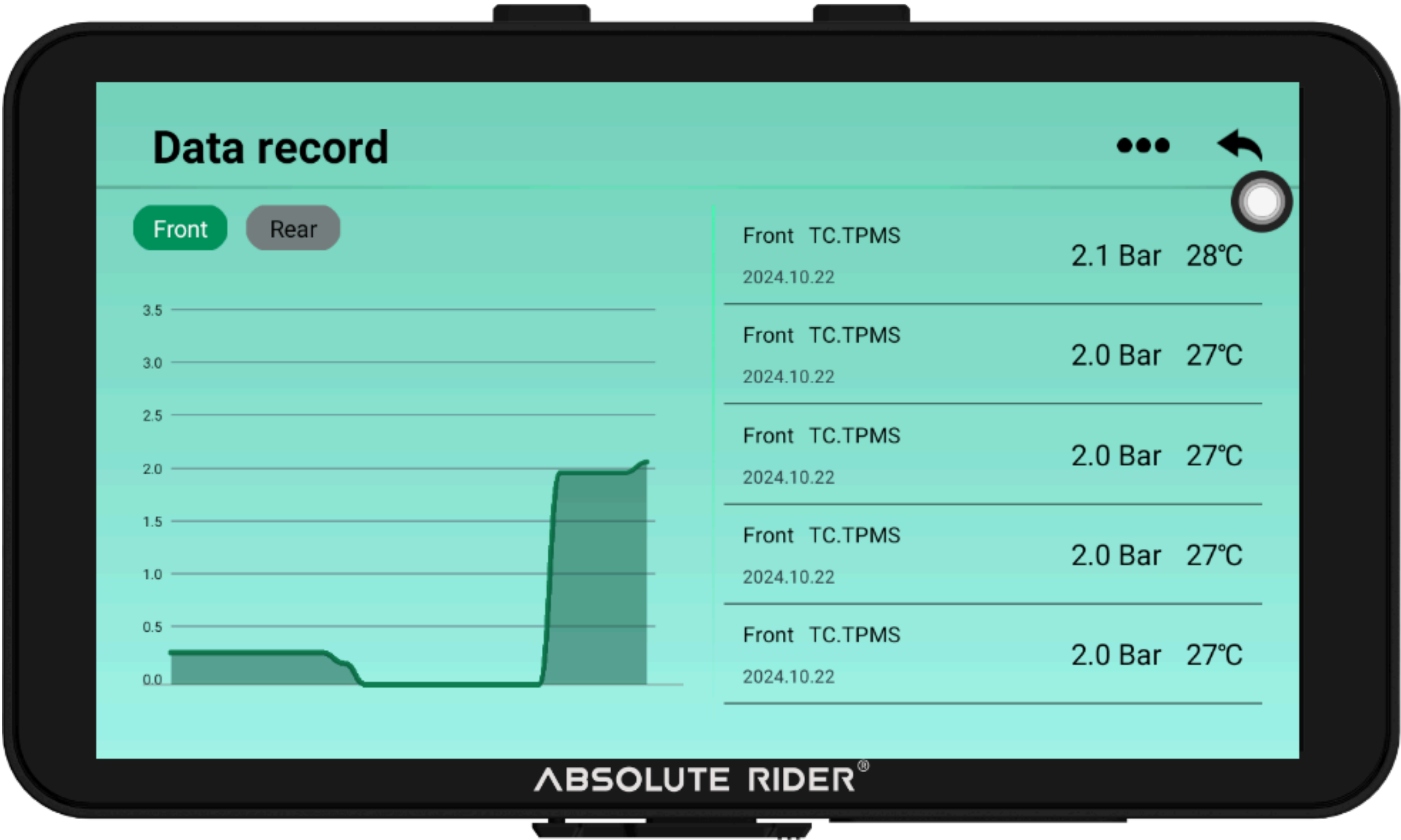


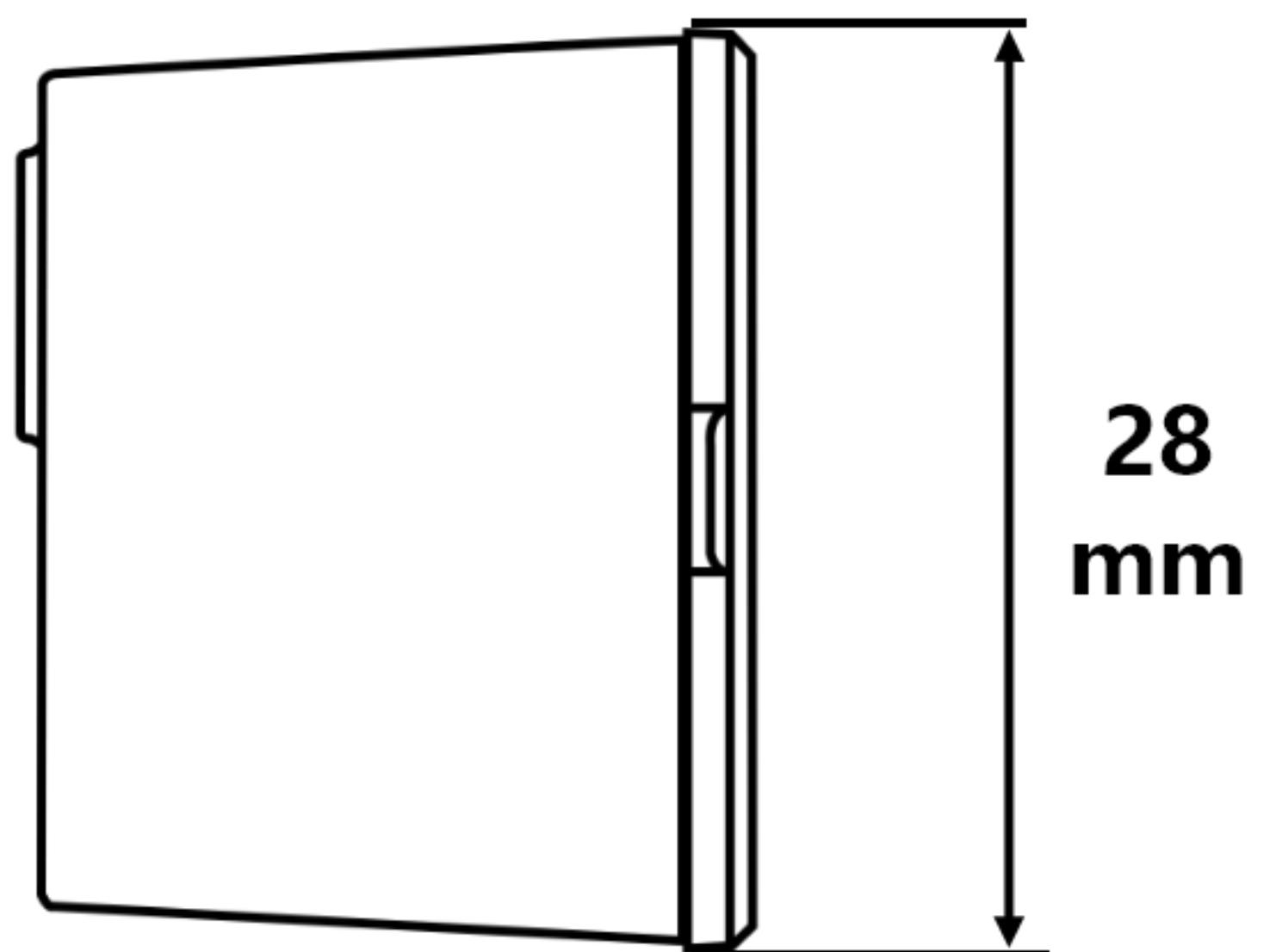
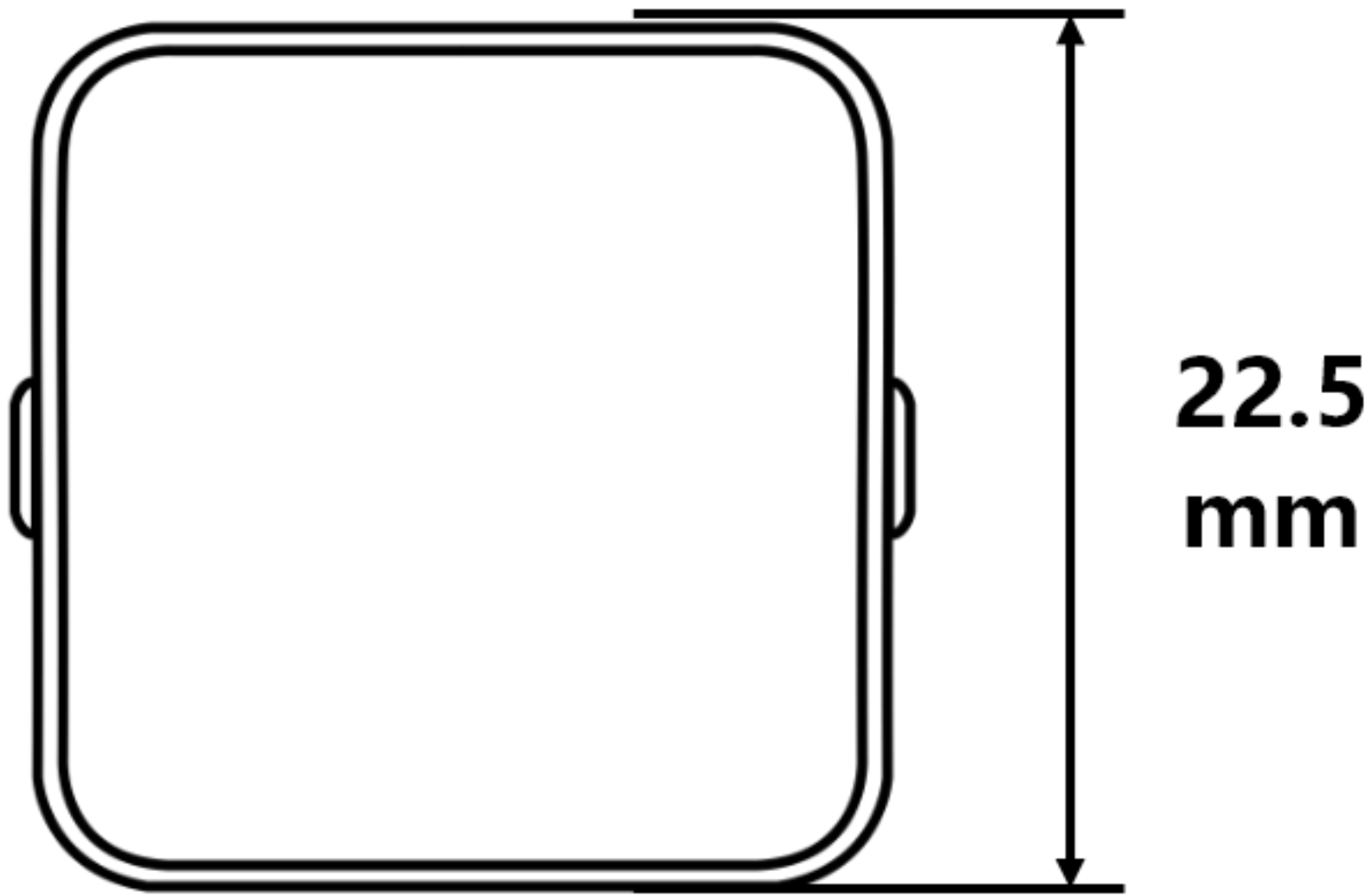
Tire Pressure Operation Instructions

- 4 Follow the same method to pair the front - wheel and rear - wheel external modules in turn. After the pairing is completed, the riding status of the tires can be checked at any time.



Millimeter - Wave Radar Operation

Function characteristics



1. The system uses millimeter - wave radar to monitor the blind areas behind and on both sides of the vehicle, providing early warnings when driving or changing lanes.
2. Monitoring range: 4.4 meters on each side (± 0.5 meters in the center is free from interference), and a 10 - meter blind area at the rear.
3. It gives warnings to vehicles moving into the blind areas. At this time, the display on the same side flashes red, and the earphones on the same side give audio warnings.

Millimeter - Wave Radar Operation

BSD

- Vehicle speed for system startup: $V \geq 10 \text{ Km/h}$
- Lateral range of early warning: $0.5 \text{ m} \leq X \leq 4.4 \text{ m}$,
 $-4.4 \text{ m} \leq X \leq -0.5 \text{ m}$
- Longitudinal range of early warning: $0 \text{ m} \leq Y \leq 10 \text{ m}$
- Early - warning strategy: Alarm for moving targets within the alarm area
 - Including both active and passive overtaking and following at the same speed.
 - Trigger conditions for visual alarm: When the system detects a target within the early - warning range, the warning light in the corresponding direction will be immediately activated.
 - Trigger conditions for audio alarm: Similarly, if a target is detected within the early - warning range, the system will automatically start the audio system in the corresponding direction and broadcast through sound.

Function: When the longitudinal distance between the vehicle behind in the adjacent lane and the host vehicle is relatively close, the driver needs to be reminded not to change lanes regardless of whether the TTC condition is met, in order to avoid possible dangers.

Note: The center of the alarm range is the rear of the vehicle. The lateral distance is X , and the longitudinal distance is Y . The lateral distance to the left of the center is negative, and the lateral distance to the right of the center is positive.

Millimeter - Wave Radar Operation

LCA

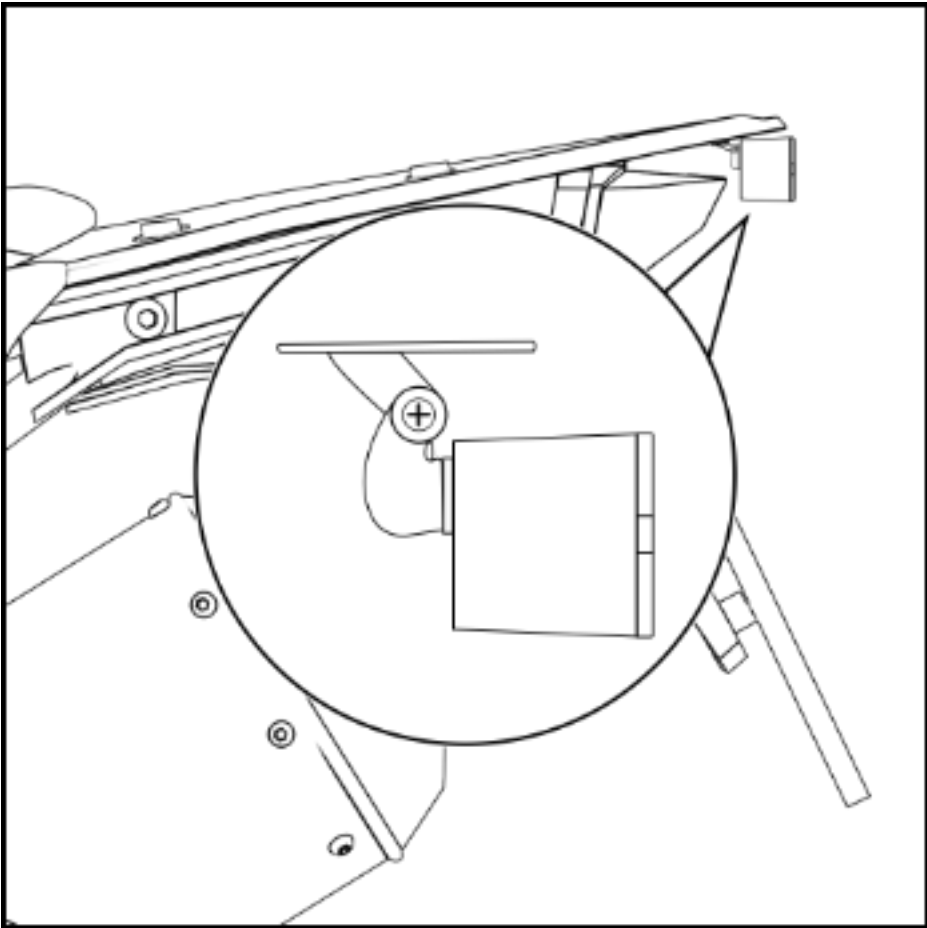
- Lateral range of early warning: $0.5\text{m} \leq X \leq 4.4\text{m}$, $-4.4\text{m} \leq X \leq -0.5\text{m}$.
- Longitudinal range of early warning: $0\text{m} < Y \leq 50\text{m}$.
- Early warning strategy: $\text{TTC} \leq 5.0\text{s}$.
- Trigger conditions for visual alarm: When the system detects a target within the early warning range, the warning light in the corresponding direction will be immediately activated.
- Trigger conditions for audio alarm: If a target is detected within the early warning range, the system will automatically start the audio system in the corresponding direction and broadcast through sound.

Function: When the vehicle behind in the adjacent lane is approaching the host vehicle rapidly, it reminds the driver not to change lanes to avoid possible dangers.

Note: The center of the alarm range is the rear of the vehicle. The lateral distance is X , and the longitudinal distance is Y . The lateral distance to the left of the center is negative, and the lateral distance to the right of the center is positive.

Millimeter - Wave Radar Operation

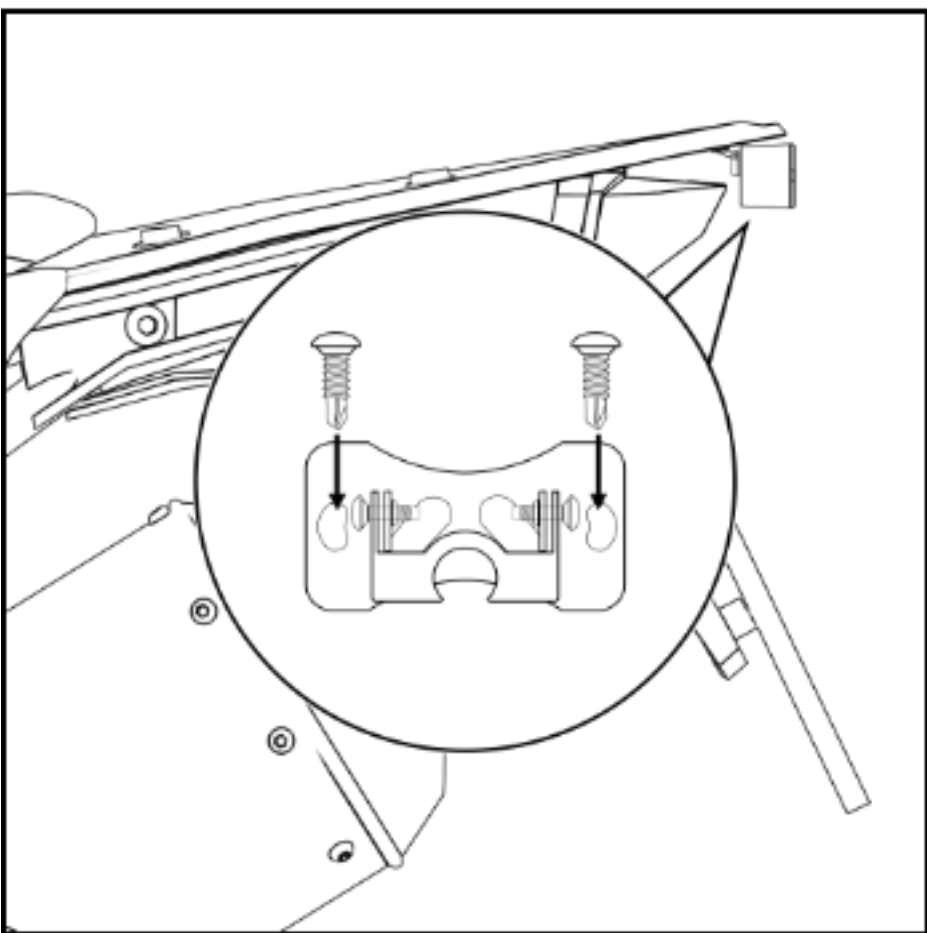
Installation steps



01. Step One

Determine the installation angle

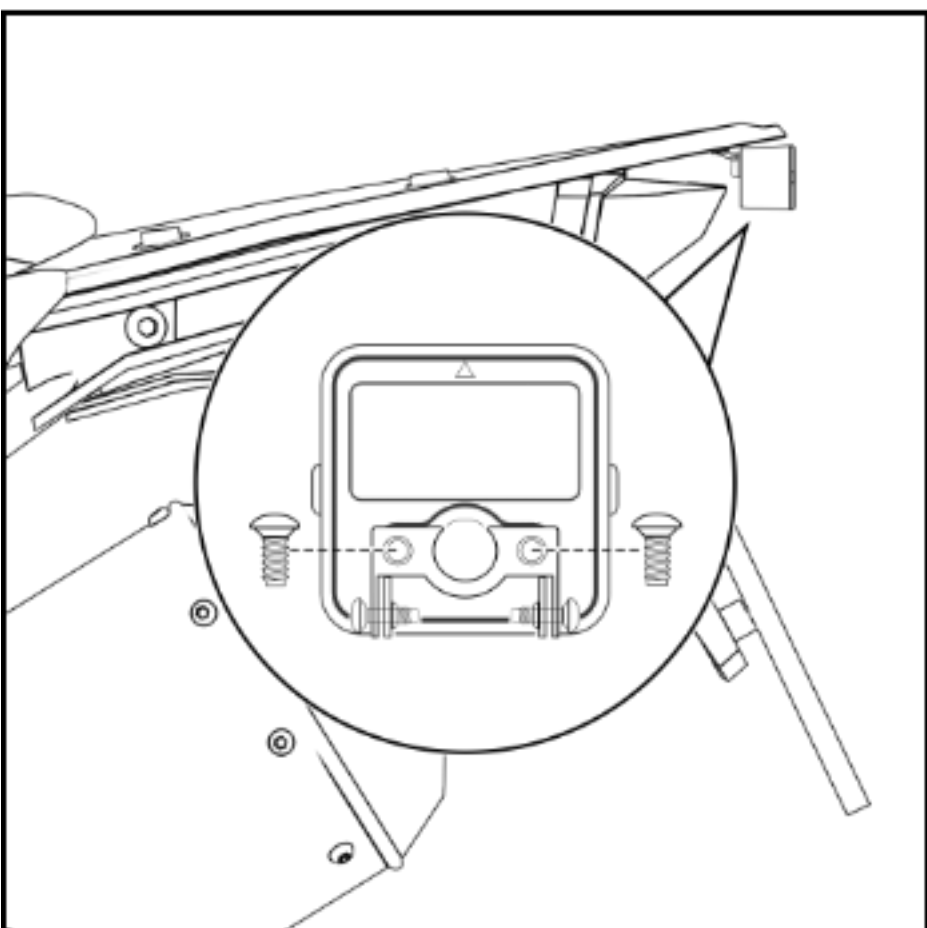
The radar should be installed parallel to the ground, with a vertical angle of 5° - 10° upward



02. Step Two

Install screws to fix the bracket

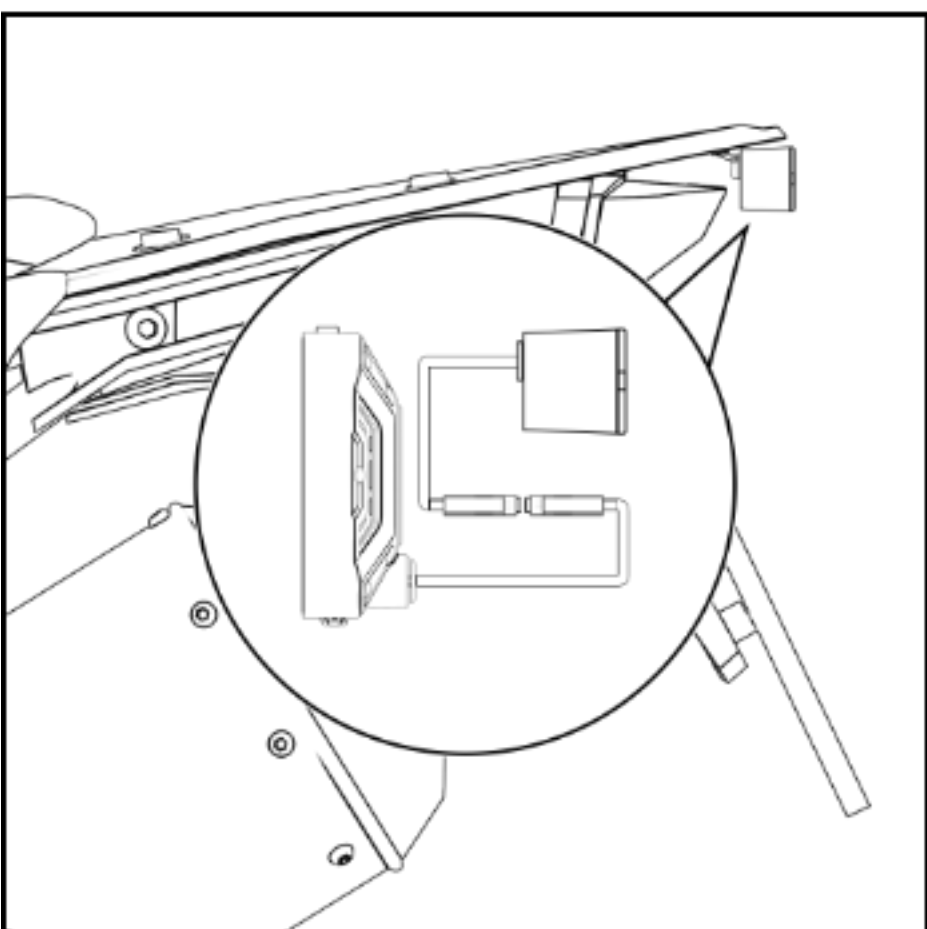
Use self-tapping screws to install the bracket in the required position



03. Step Three

Fix the millimeter - wave radar

Use machine screws to fix the millimeter - wave radar onto the bracket



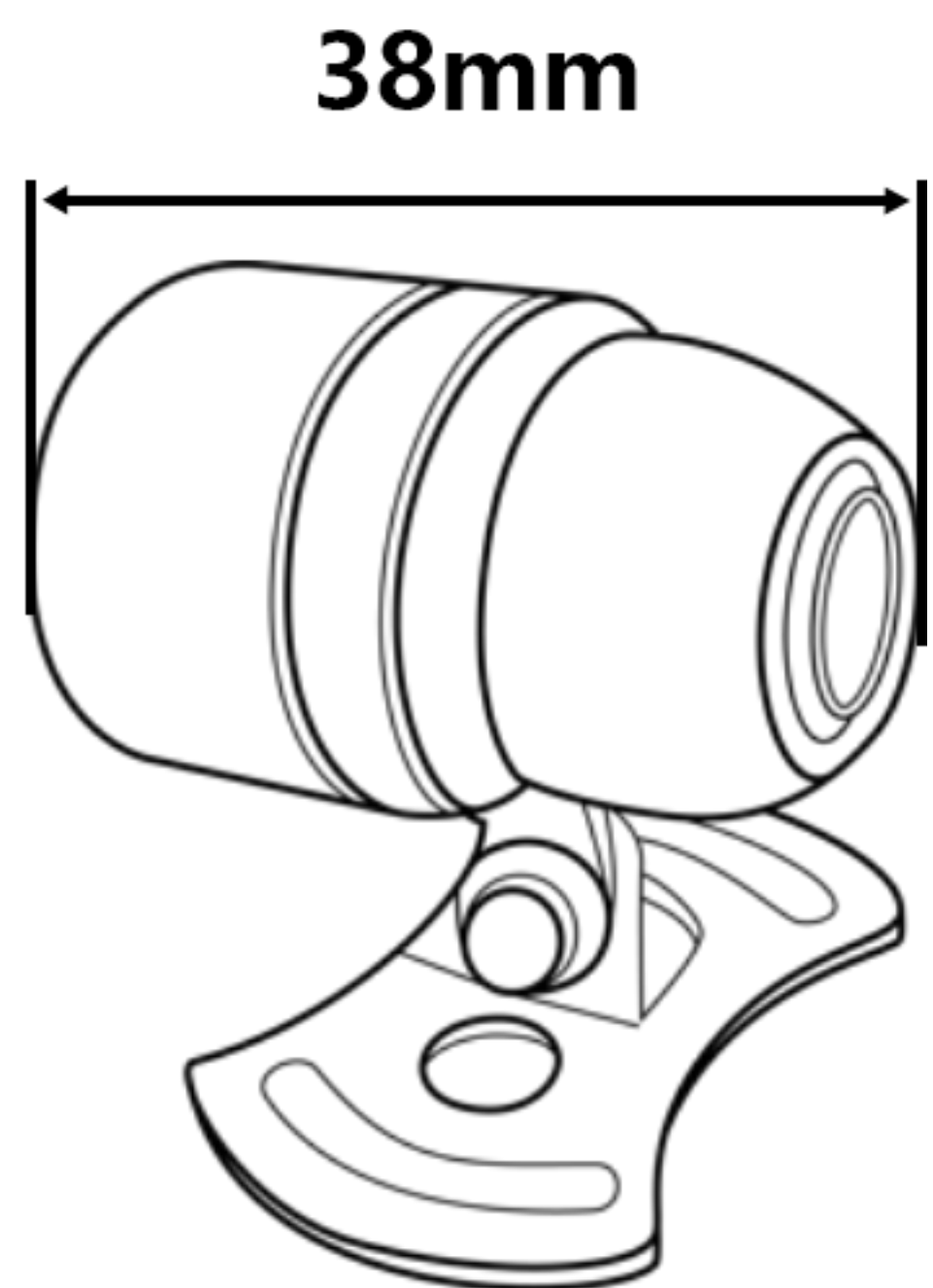
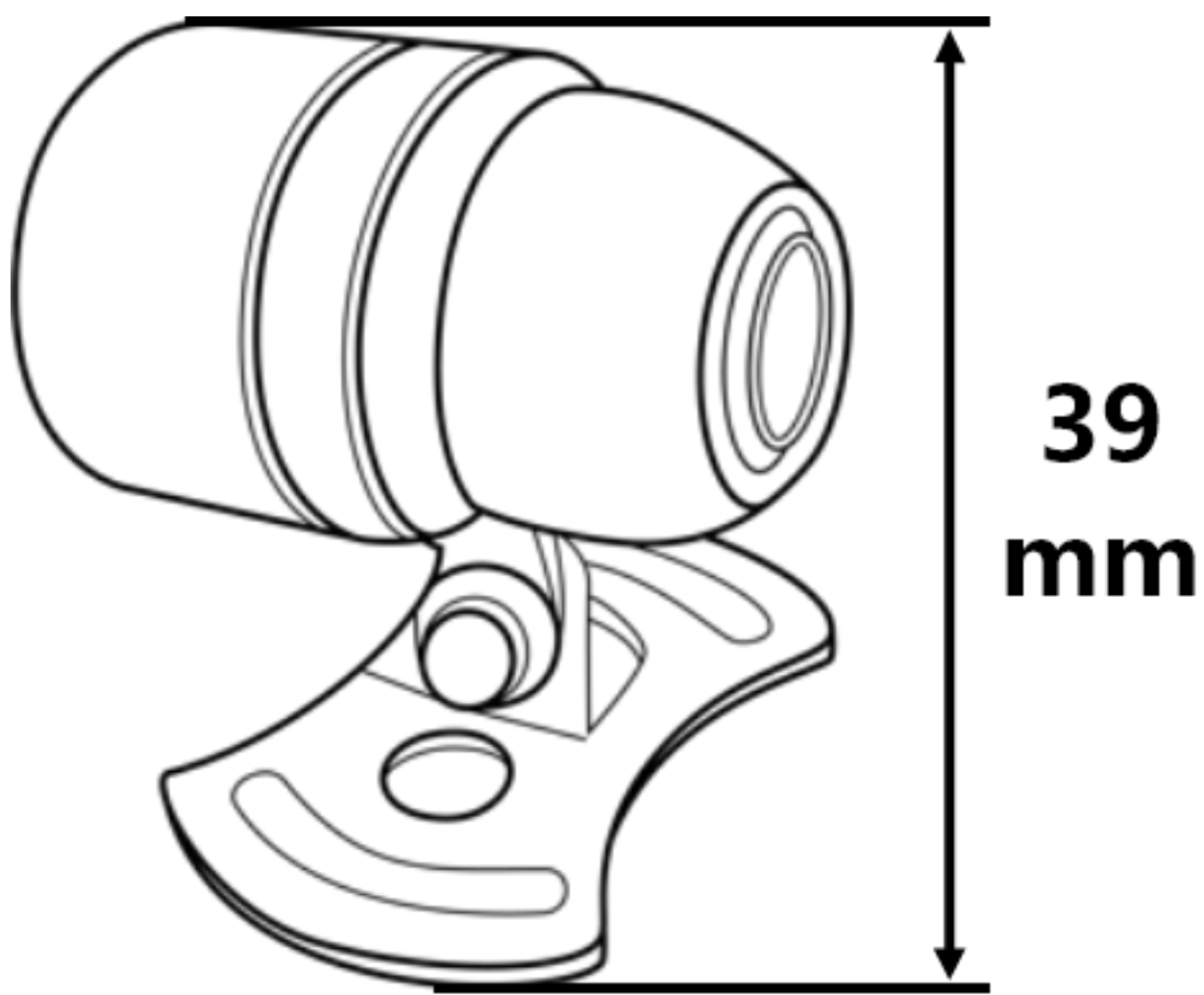
04. Step Four

Connect the wire harness and connect to the main unit

After installation, connect the millimeter - wave radar wire harness to the vehicle's millimeter - wave radar interface

Camera Operation

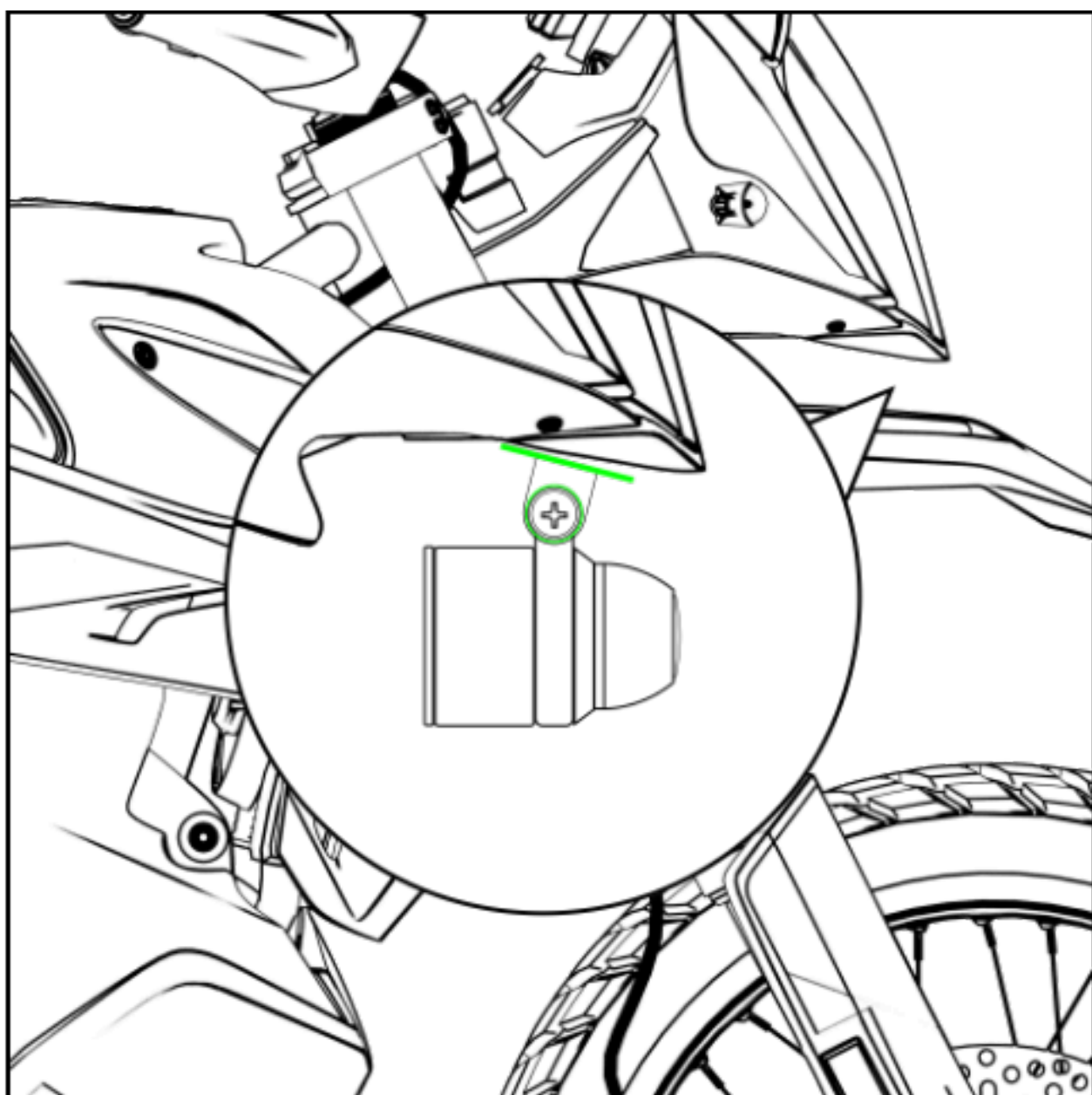
Function characteristics



1. High sensitivity and low-light environment performance: It can still capture clear images in nighttime or low-light environments.
2. Wide dynamic range: Intelligently adjust exposure to balance the light and dark contrast in the picture and retain more details.
3. High resolution: Provide full HD resolution of 1280*720 pixels to ensure that the image is real and delicate.
4. High frame rate video capture: Support high frame rate video recording to reduce motion blur and improve the clarity of dynamic scenes.

Camera Operation

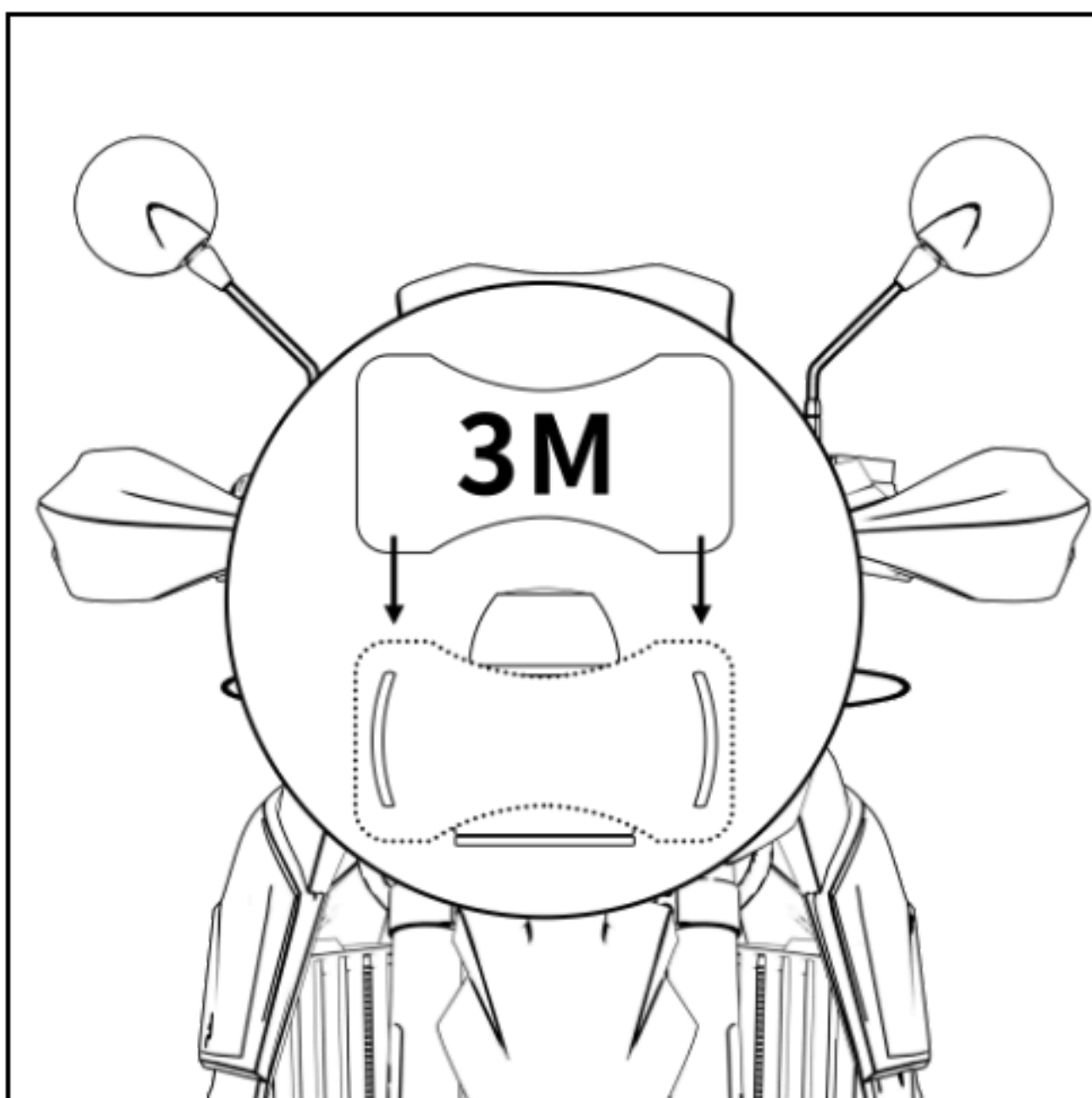
Installation steps



01. Step One

Choose a proper installation position

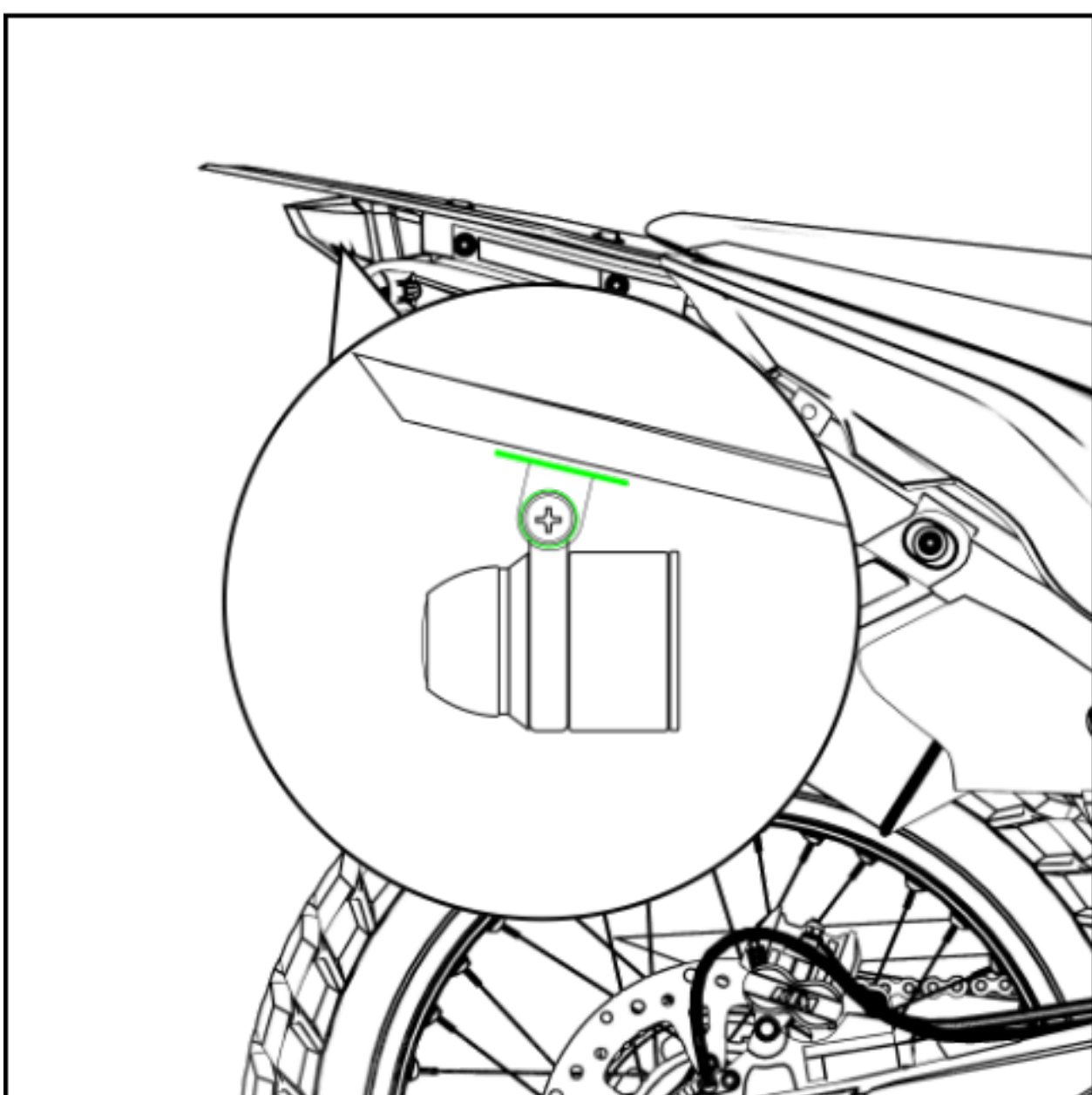
Ensure that the camera's field of view is unobstructed, and the height and angle are appropriate



02. Step Two

Select the position and stick the 3M adhesive

Firmly stick the 3M adhesive at the selected position to ensure the stable installation of the camera



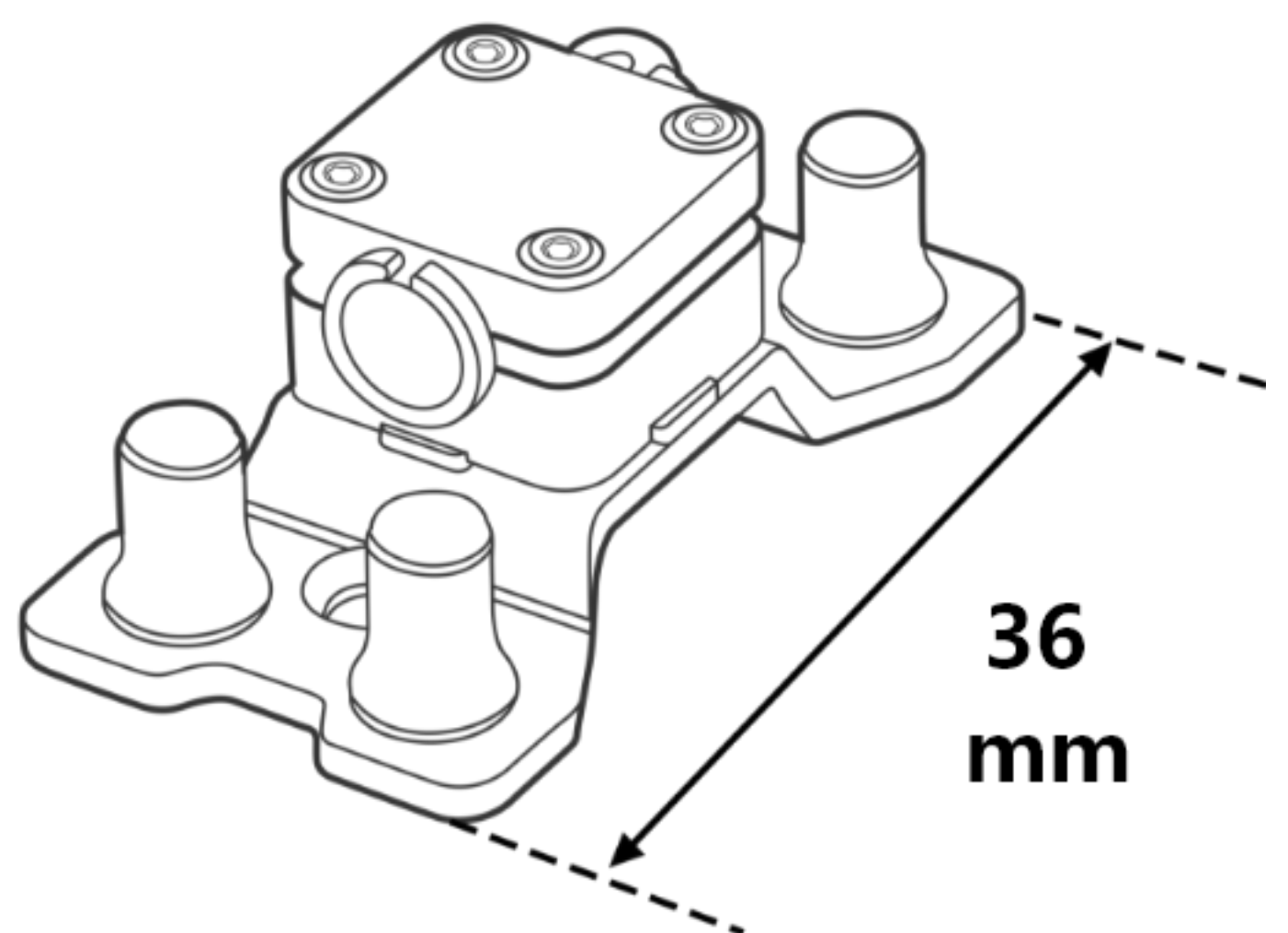
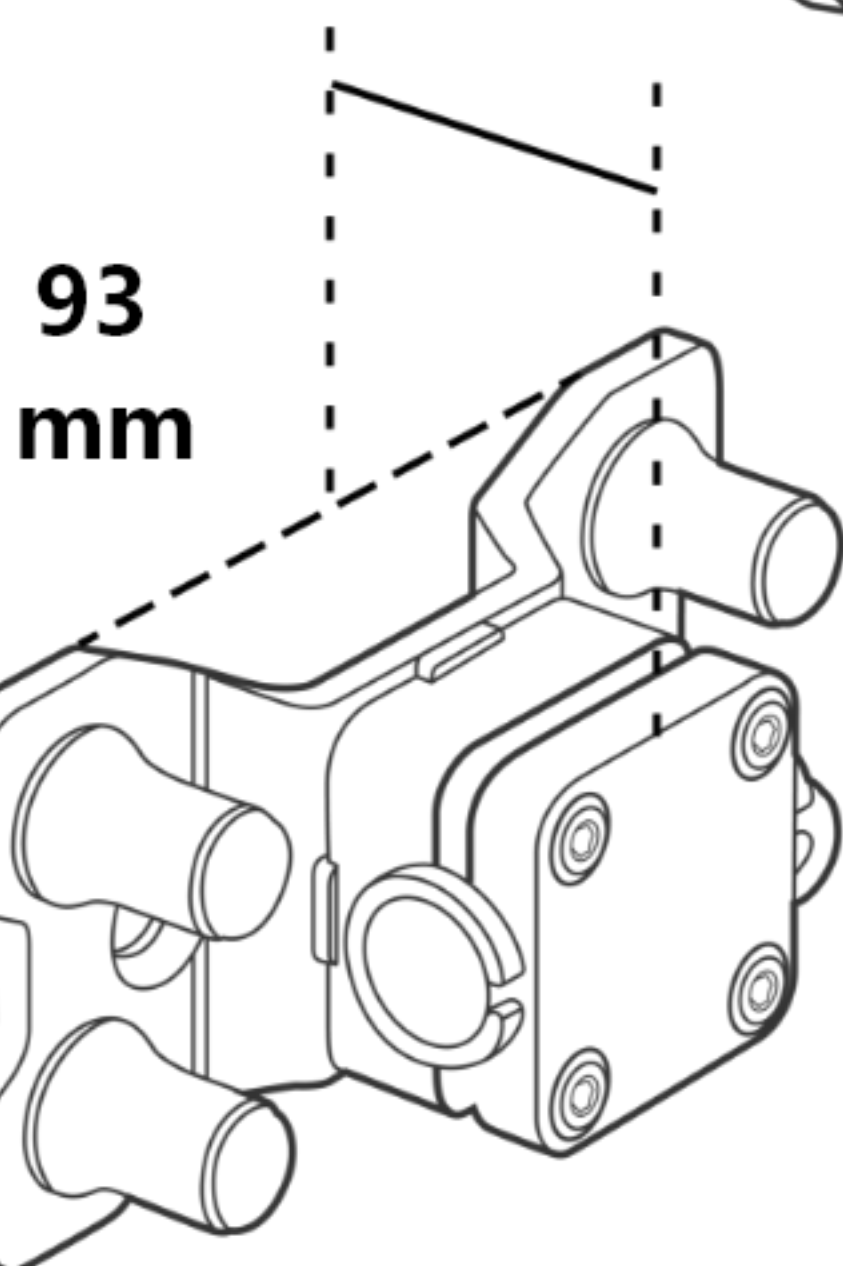
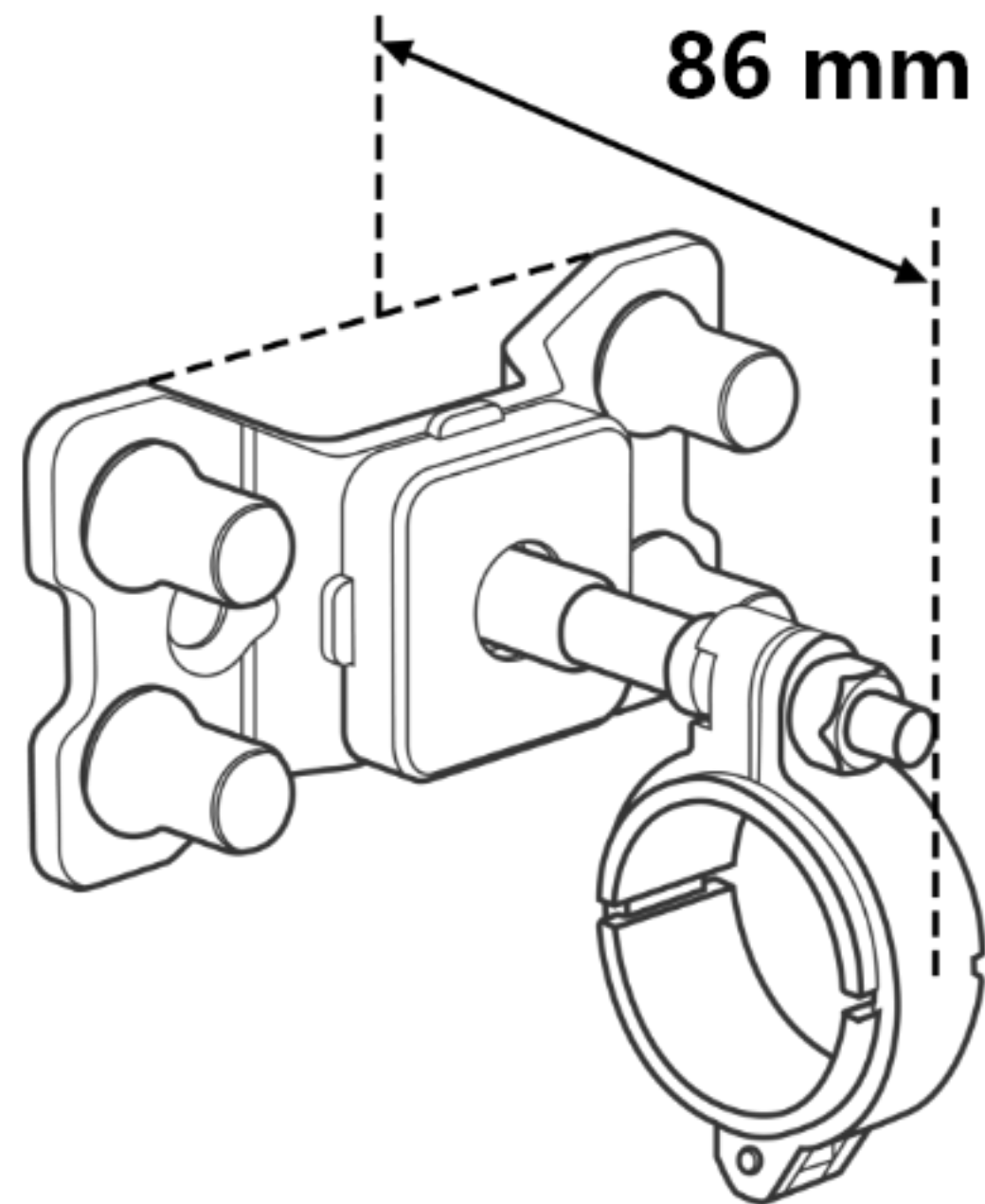
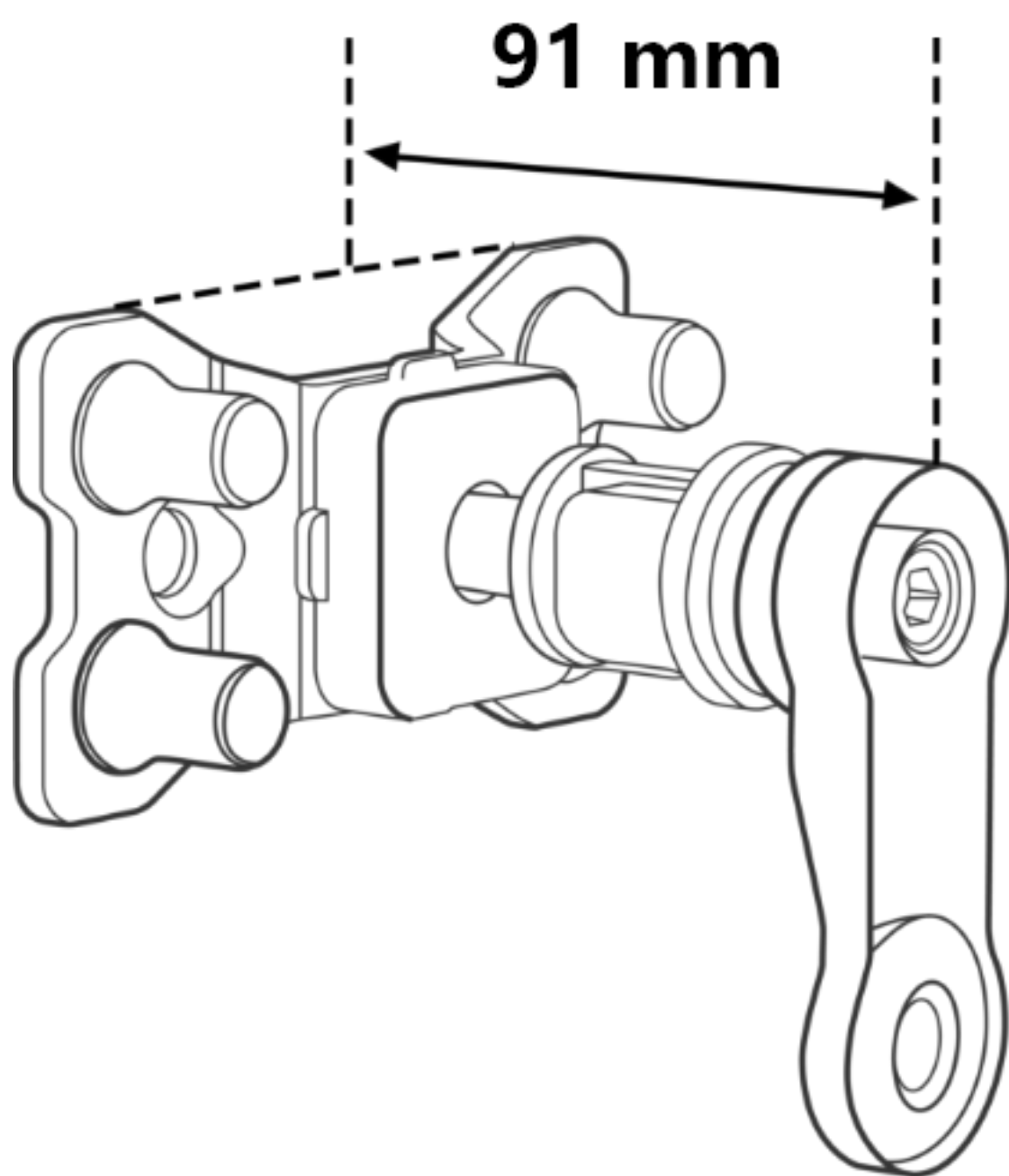
03. Step Three

Install the camera

Align the camera with the position of the 3M adhesive, install it stably, and adjust it to the best viewing angle

Installation Bracket Operation

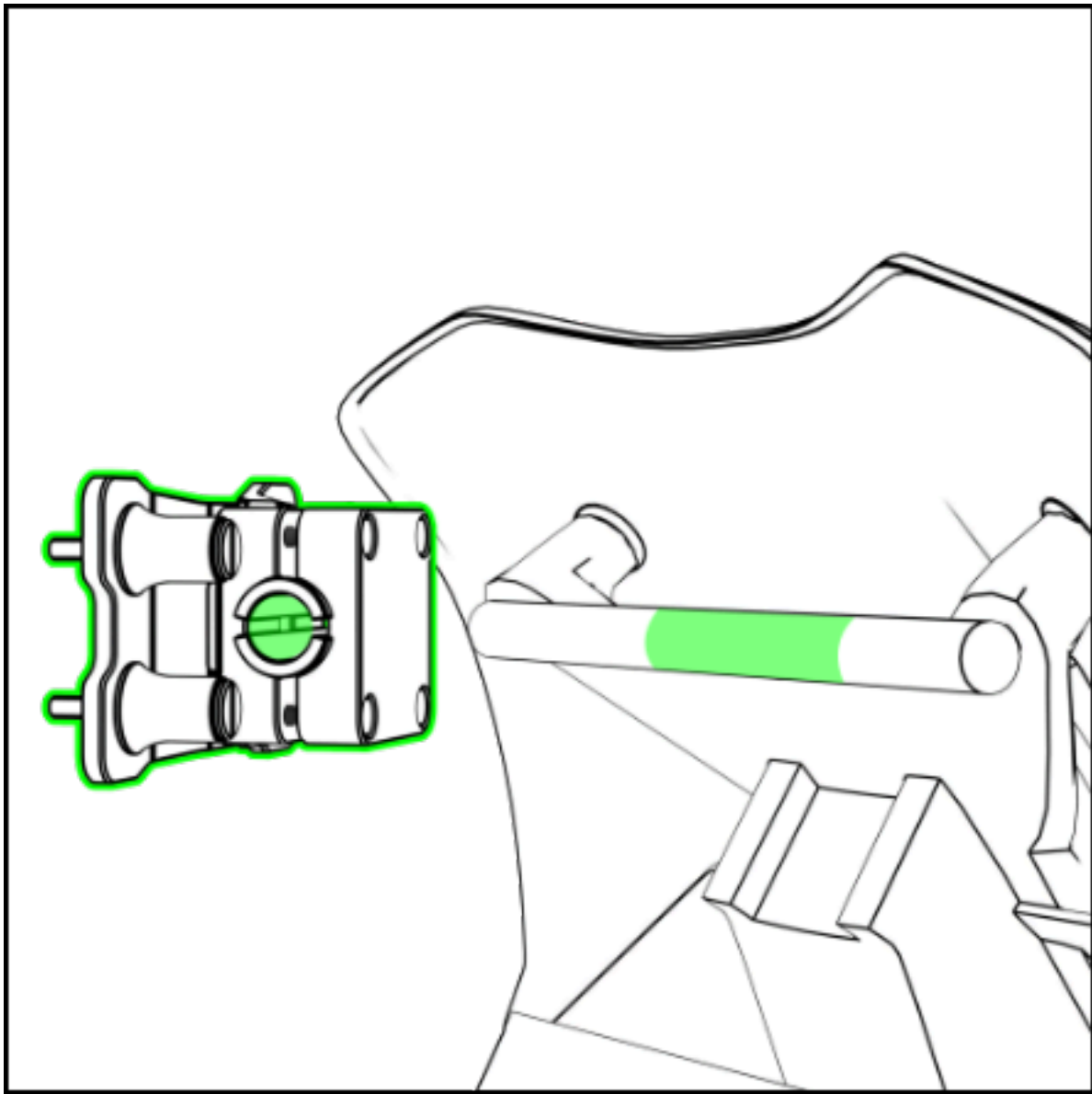
Function characteristics



1. The mounting bracket is made of high - strength CNC aluminum alloy, ensuring that the bracket can withstand high - intensity riding impacts and loads and is durable.
2. It is built - in with highly elastic shock - absorbing materials, which can effectively absorb vibrations during riding.
3. The surface has been specially treated, with excellent anti - corrosion and anti - oxidation properties, adapting to various severe weather conditions.

Installation Bracket Operation

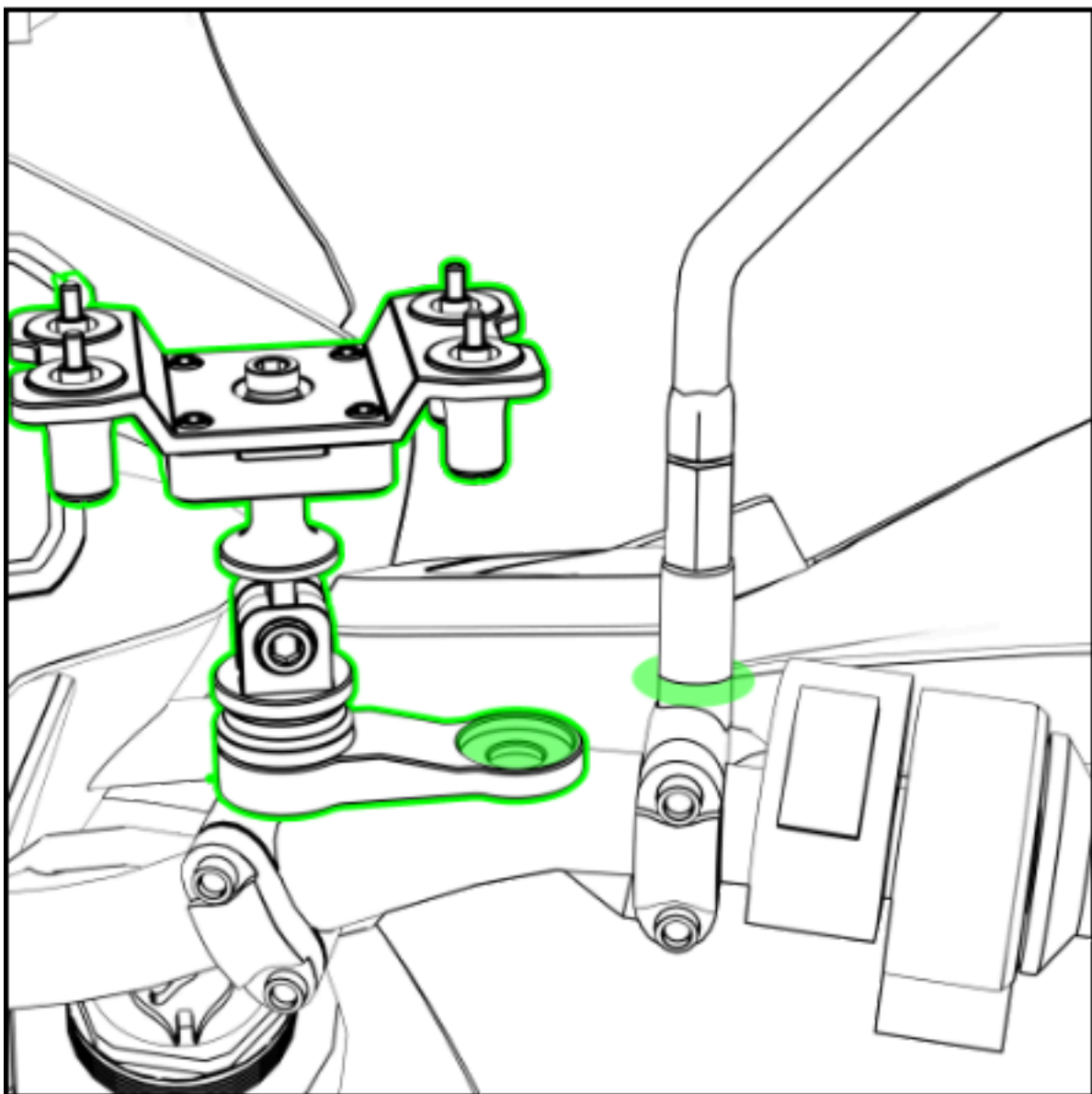
Installation steps



01. ^{Step} One

Crossbar Mount

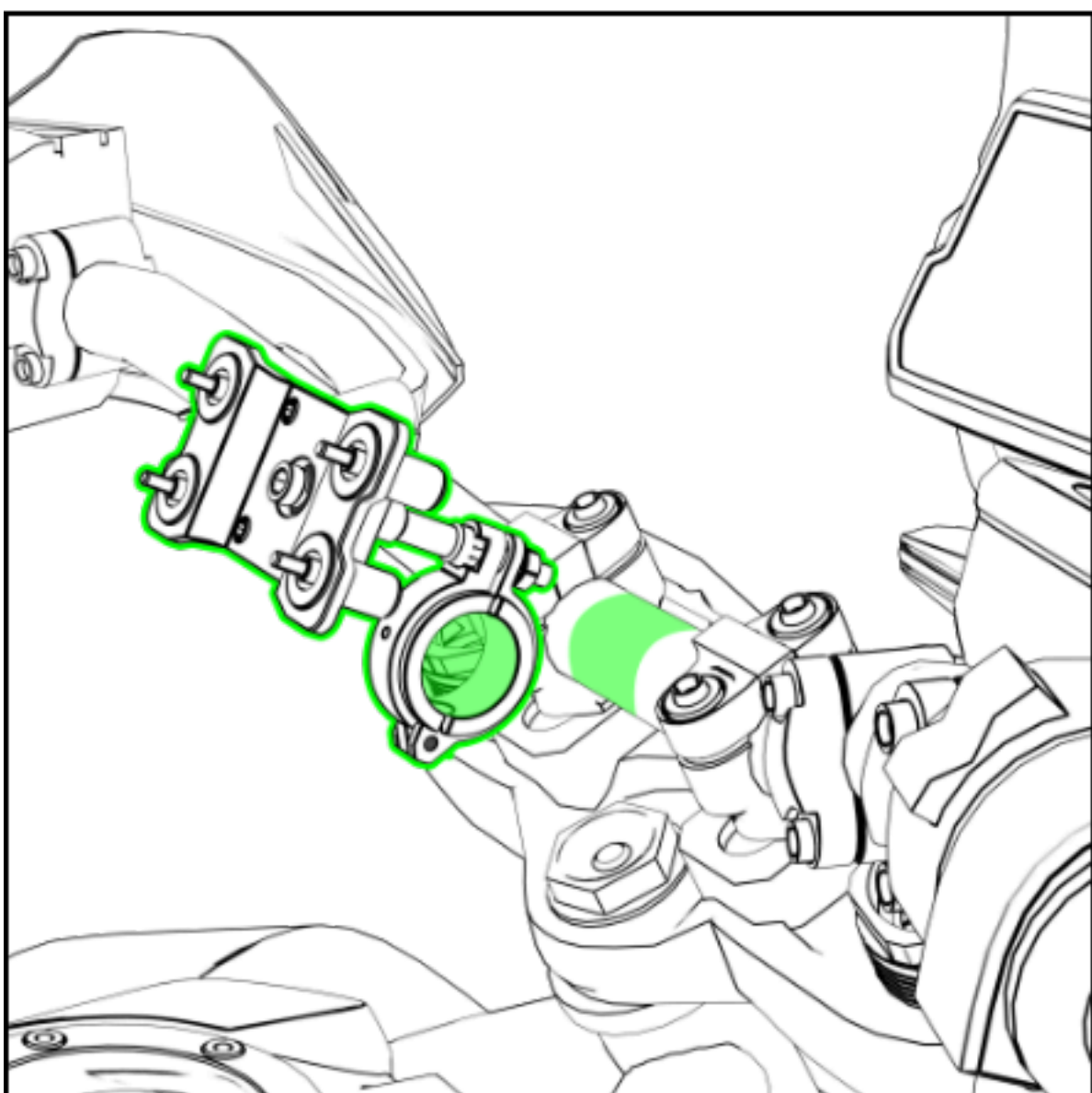
Align the mounting holes of the bracket with the crossbar below the motorcycle windshield, and tighten the fixing screws of the bracket with a screwdriver or wrench.



02. ^{Step} Two

Rearview Mirror Mount

Align the mounting holes at the bottom of the bracket with the rearview mirror bracket, and tighten the fixing screws of the bracket with a screwdriver or wrench.



03. ^{Step} Three

Handlebar Mount

Align the mounting holes at the end of the bracket with the mounting points of the handlebar, and tighten the fixing screws of the bracket with a screwdriver or wrench.

INTRODUCTION TO THE FUNCTIONS OF THE ABSOLUTE RIDER APP

In order to better assist riding, Absolute Rider has designed a professional APP, which is compatible with Android and IOS systems and provides users with all - round services.

- High - precision GPS positioning system:

It can track the user's riding trajectory, speed, and distance in real - time.

The travel records can be checked at any time.

- Rich cycling data analysis:

It provides comprehensive and in - depth cycling data analysis.

It allows users to fully understand their riding status.

- Real - time two - way video live streaming of the front and rear:

It can comprehensively monitor the surrounding environment during riding.

Users can share their riding information with family and friends.

- Advanced anti - theft function:

The APP can check the vehicle's location information in real - time.

It provides strong protection for users' riding safety.