



PICKUP MATE-Wingman X Tent

VMS-PM-WMX

Contents

Please follow the instruction manual to ensure proper use before using.

1.Product Introduction: -----	P1-2
2.Daily Operating Guidance:-----	P3-5
3.Bluetooth Function Description -----	P6
4.Fault code and voice prompt content-----	P8
5.Instructions for Emergency Lift Connection Cables Operation----	P9
6.Product List-----	P10-11
7.Installing the Bracket-----	P12-14
8.Installation and Operation-----	P15-19
9.Electric Double-Layer Tent Operation-----	P20-21
10.Wingman Tail Cover and Balancer-----	P22
11.Square expansion board-----	P23
12.Closing the Electric Double-Layer Tent-----	P24-25
13.Manual descent operation-----	P26-27
14.Product maintenance and care-----	P28
15.Warning-----	P29

Product Introduction:

1.Product Features and Applications

- A. Wingman X is a camping module installed on the rear bed of a pickup truck. It features a wireless remote control for opening and closing the tent. It remains functional and enjoyable for outdoor camping even in challenging environments such as muddy, uneven terrain, or wet and humid conditions.
- B. Modular Design which is designed into two modules: Wingman X Base and Wingman X Electric Double-Layer Tent. Installation and removal are recommended by 4-5 people under the professional guidance.

2.Materials and Specifications

- A. Mainframe : Aluminum alloy Partial components: Iron Joints : Plastic(Nylon)
Top cover : Aluminum+Plastic Tent Bottom : Quilted soft mat
- B. Tent Closed dimensions: 187*158*70.5 cm Inner tent dimensions: 225*146*106cm
Net Weight Approx. Tent(≈279kg)

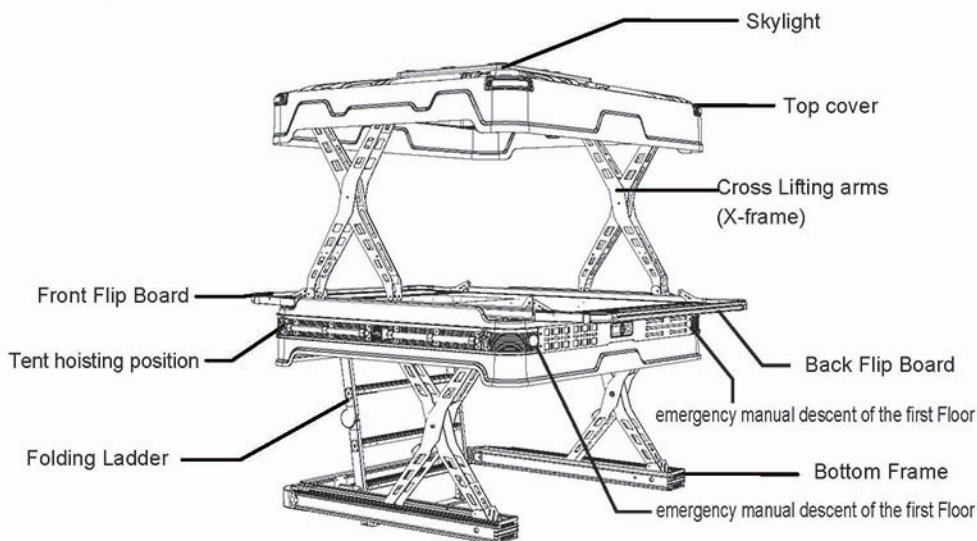
3.Wind and Rain Resistance

- A. Fully closed equivalent to the original vehicle level, fully extended up to 11-14 m/s (level 6)
- B. Second layer: 100% waterproof, The connection between Wingman's first layer and the truck bed is not fully sealed, so it cannot guarantee complete waterproofing.

- ① In extreme weather conditions such as heavy wind or rain, it is not recommended to use Wingman;

② After installation, slight water seepage may occur in the truck bed during rain or snow. Use waterproof covers for items if needed. Optimize the truck bed sealing for specific requirements.

4.Component Names



Product Introduction:

5. Transmission System Features:

- ①. Supported by crossing-lifting arms for opening and closing;
- ②. Controlled remotely for extending and retracting the X-frame;
- ③. Entire operation of tent is managed by the remote control;
- ④. Automatic motor power cutoff when X-frame are fully retracted.



6. Electrical Control Parameters:

- ①. Battery Capacity: 18650 21.6V 4000mAh 86.4Wh
- ②. Output: 21.6V 8A
- ③. Remote Control: 433MHz Wireless Remote Control
- ④. Second-Layer USB Charging Ports: 2 USB + 2 Type-C Port Output, Output: 5V/3A, 9V/2A, 12V/2A
The charging ports can only be used after the second layer is fully opened.
- ⑤. First-Layer Long Auxiliary Lights: DC5V 1Ax2; Second-Layer Light Strips: DC5V 1Wx2; Second-Layer Spotlights: DC5V 1.5Wx2

- When the first layer is raised to the highest position, the first-layer lights turn on automatically; when the first layer is lowered to the lowest position, the first-layer lights turn off automatically.

- When the second layer is raised to the highest position and the second-layer flip panel is opened, the second-layer lights turn on automatically; when the second layer is lowered to the lowest position, the second-layer lights turn off automatically.

- When the product is connected to a 12V power supply and the power switch is turned on: it automatically supplies power to the first layer and the second layer, and charges the battery at the same time. When the product's power supply is turned off, it stops supplying power to the first layer and the second layer.

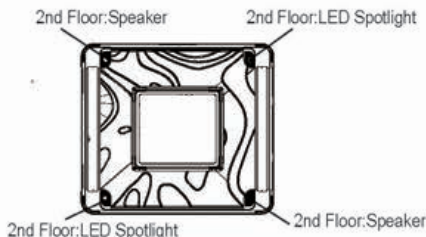
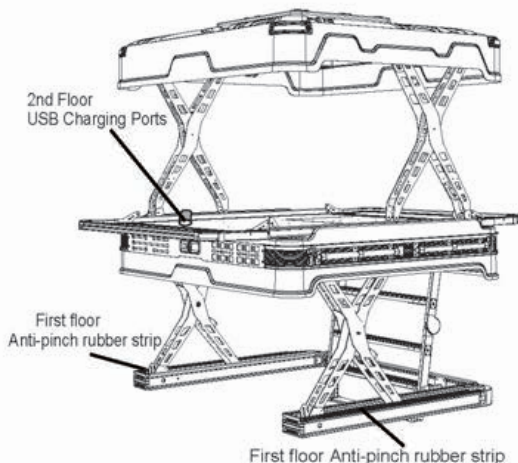
- ⑥. First-Layer Anti-Pinch Rubber Strips: Black, 1100x15mm, 2 pieces

When the first layer is not in the lifting/lowering state and not in the lowest position, pressing the first-layer anti-pinch rubber strip can switch the state of the first-layer lights.

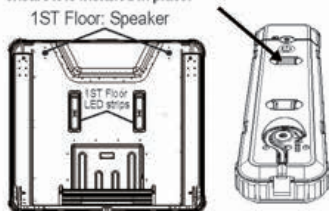
- ⑦. Second-Layer Speakers: DC9V 3Wx2; First-Layer Speakers: DC9V 3Wx2

- ⑧. External Power Supply: $\geq 12V$ 5A, DC5521 Male/Female Connectors

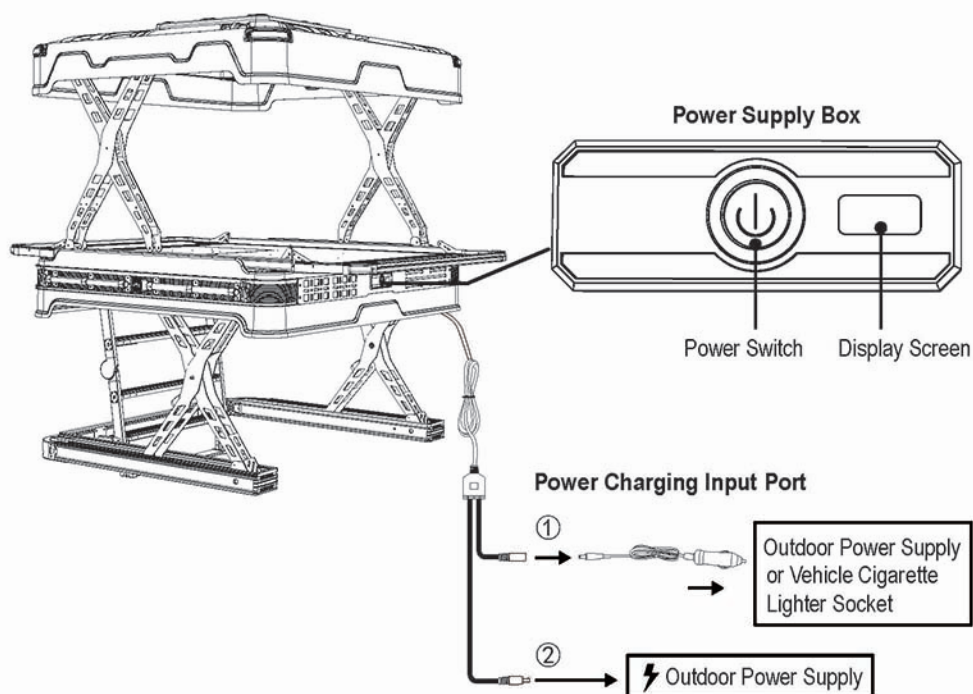
Note: The battery only supplies power to the lifting electric push rods, and does not supply power to other electrical appliances in the product (such as lights, audio systems, USB ports, etc.).



The LED strips can be removed and charged separately. When installing, pay attention to align the bayonet to ensure it is installed in place!



Daily Operating Guidance:



Wingman X's electronic control system is powered by a power supply box. The power supply box is located at the middle frame of Wingman X's rear door. When it runs out of power, you need to charge it. The specific operations are as follows:

I. Power Level Display

Press the power button, the power indicator light will turn on, and the product will be powered on. When turned on, the power level will display "000", and the actual power level will be shown after approximately 5 seconds. (Note: If the power level is less than 30%, the tent cannot be raised. Please charge it in a timely manner.)

II. When the Power is Low

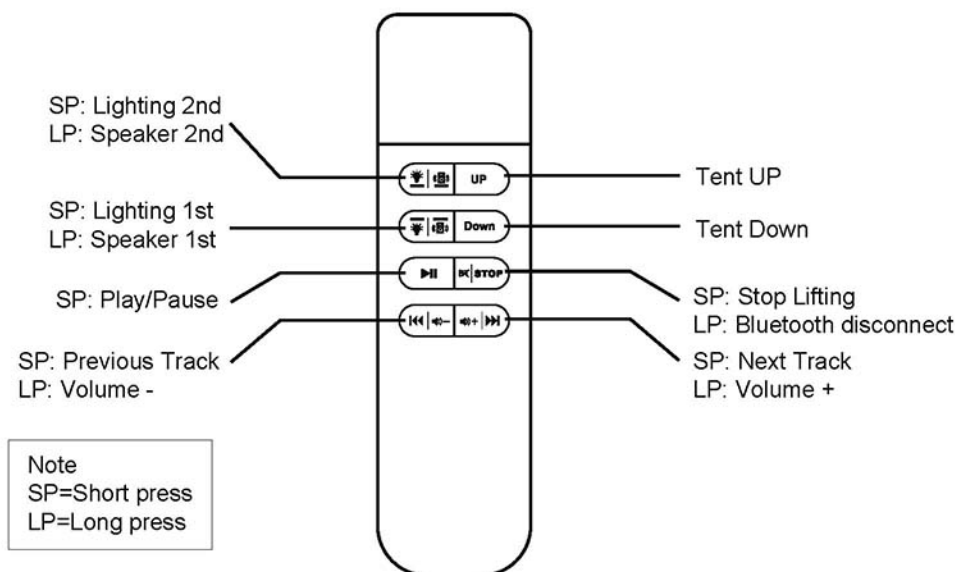
Take out the power cord with a cigarette lighter to charge the power supply box directly. The operation steps are as follows:

Option 1: Locate the power charging input port. Connect one end to the cigarette lighter and the other end to an outdoor power supply (or a vehicle cigarette lighter socket);

Option 2: Connect directly to an outdoor power supply.

Note: The power cord can be routed to either the left or right side of the vehicle as required.

Daily Operating Guidance-Remote Control:



Remote Control Pairing:

1. Turn off the product power and hold the remote control's stop button.
2. Turn on the product power and wait for the system to announce: "Remote control pairing succeeded" (approximately 3S).
3. The remote control is paired while you hear the announcement;
4. If the pairing announcement is not heard within 5 seconds, repeat the steps above process one more time again.

Note: Each Wingman can pair with two remotes. Pairing a third remote will replace the first one.

Remote Control Function Description:

1. Ascend Button Raising: Turn on the product, press the 'UP' button to automatically raise the first layer to its maximum height.
2. Descend Button Lowering:
 - ① After the product is turned on, press the "Down" key. The second floor will start to lower and automatically stop when it is approximately 50cm above the lowest position. The system will broadcast a voice prompt: "Please ensure no one is inside or around product, close the plate, unlock ladder, then press down button to close it." Then press the "Down" key to retract the product. After checking the tent according to the voice instructions, press the "Down" key again, and the system will lower the second floor to the lowest position."
 - ② Once the second layer is fully lowered, press the 'Down' button again. The system will issue another voice prompt: "Please ensure no one is inside or around product, close plate, unlock ladder, then press the down button to close it."
 - ③ Press the 'Down' button again to lower the first layer to approximately 20cm from its lowest position. The system will prompt: "Please ensure no one is around product, then press down button to close it."

Daily Operating Guidance-Remote Control:

After following the voice prompts to check the tent, press the 'Down' button key. And the system will automatically lower the first layer to its lowest position.

Note: ① After the first layer is fully lowered, the system will broadcast a voice prompt: "Please power off"

② If the product is powered on and the system startup is not yet complete, press the 'UP/Down' button will trigger the voice prompts: "Starting, please wait".

③ After the voice prompt: "Starting, please wait," wait approximately 3 seconds before operating the 'UP/Down' button for normal lifting and lowering function.

3. Stop/Disconnect Bluetooth Button:

① After the product is powered on, short press the  **STOP** button to stop the current lifting and lowering operation;

② When a mobile device is connected to the product, long press the  **STOP** button to disconnect the Bluetooth connection. At this point, the product will emit a "Ding-dong" sound.

4. Second-Layer Lighting/Audio Button:

① If the second layer of the tent is not in its lowest position, short press the   button to cycle through the second-layer lighting modes: Ambient Light Level 1 → Ambient Light Level 2 → Spotlight → Ambient Light Level 2 + Spotlight → Off.

② Long press the   button to turn the second layer's audio on or off.

5. First-Layer Lighting/Audio Button

① If the first layer of the tent is not in its lowest position, short press the   button to cycle through the first-layer lighting modes: Ambient Light Level 1 → Ambient Light Level 2 → Spotlight → Ambient Light Level 2 + Spotlight → off.

② Long press the   button, to turn the first layer's audio on or off.

6. Music Play/Pause

① Short press the  button to play or pause music.

7. Previous Track/Volume-Button

① Short press the   to switch to the previous track.

② Long press the   to decrease the volume.

8. Next Track/Volume+Button

① Short press the   to switch to the next track.

② Long press the   to increase the volume.

9. If the product shows obvious imbalance when descending or fails to descend to the bottom, a reset operation can be performed:

① Turn on the power. When "000" is displayed, quickly complete the following operations;

② Press the descending button on the remote control three times in quick succession;

③ Press and hold the second-floor lighting button for more than 1 second. The reset operation will be successfully initiated. Wait for the reset to complete.

If the product does not descend after 5 seconds, repeat the above operations;

Reset process: The second floor descends to the bottom → The first floor descends to the bottom → A prompt will indicate to turn off the power, and the reset is completed.

Daily Operation Guidance-BT Connection:

- ① Open your mobile device and search for "Wingman X". Select the BT name "Wingman X" to connect. (you can switch the language to English in the upper-right corner after connecting).
- ② Open WeChat and search for "Wild land". Enter the "Wild Land Intelligent Control" mini-program, make sure your phone's Bluetooth is turned on, search for devices and select to connect to "Wingman-Control".

1. Enter password

The initial password is . After entering the password, there is no need to enter it again next time.

2. Change the password

Attention: Only 4 - digit numerical passwords are supported.

Reset password

0000

1234

1234

OK

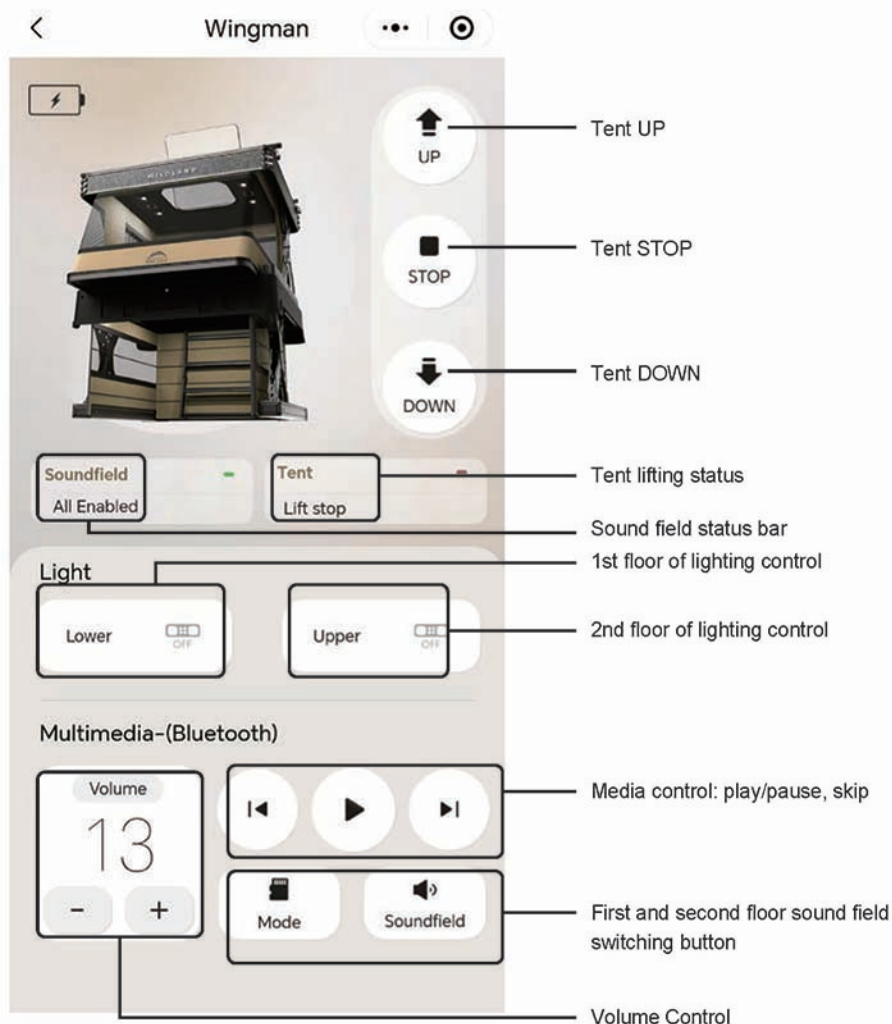
3. Restore the factory - set password

- ① Turn on the power button and perform the following operations when "000" is displayed:
 - A. Quickly press the power button three times.
 - B. Hold down the power button until "Lxx" (xx could be 00, 01, 02, etc.) appears flashing.
Note: If "Lxx" does not appear and "000" is no longer displayed, turn off the power and repeat the above operations.
- ② Release the power button.
- ③ Hold down the power button until the "Lxx" display stops flashing and wait for the device to shut down automatically.
- ④ Turn on the device again and connect to the mini - program/App. The password will be restored to 0000.

4. Setting for Broadcast Language Selection

- ① Turn on the power button and perform the following operations when "000" is displayed:
 - A. Quickly press the power button three times.
 - B. Hold down the power button until "Lxx" (xx could be 00, 01, 02, etc.) appears flashing.
Note: If "Lxx" does not appear and "000" is no longer displayed, turn off the power and repeat the above operations.
- ② Release the power button.
- ③ Press the power button to select different broadcast languages (L00/L01.....). Note: L00 --- English, L01 --- Chinese.
- ④ Hold down the power button until the "Lxx" display stops flashing, and wait for automatic shutdown.
- ⑤ The broadcast language selection setting is successful.

Daily Operation Guidance-Bluetooth Connection:



Fault code and voice prompt content

Code	English voice	Remarks
E01	Lifting overload, please check if mechanism is blocked.	First floor overloaded
E02	Lifting overload, please check if mechanism is blocked.	Second floor overloaded
E03	Motor is abnormal, please contact after service	First floor Left Motor Hall sensor malfunction
E04	Motor is abnormal, please contact after service	First floor Right Motor Hall sensor malfunction
E05	Motor is abnormal, please contact after service	Second floor Left Motor Hall sensor malfunction
E06	Motor is abnormal, please contact after service	Second floor Right Motor Hall sensor malfunction
E07	No approaching or intrusion, please stay away	First floor anti-pinch action
E08	No approaching or intrusion, please stay away	First floor anti-pinch action
E09	No approaching or intrusion, please stay away	Second floor anti-pinch action
E10	Flip plate not closed, please close	The flip Panel did not close during the descent process
E11	Ladder is locked, please unlock	The ladder did not unlock during the descent process
E12	Flip plate not closed, please close; Ladder is locked, please unlock	The Flip panel did not close and ladder did not unlock during the descent process.
E13	Battery is low, please charge	Low Battery Prompt
E14	Motor is abnormal, please contact after service	First floor Motor synchronization failure
E15	Motor is abnormal, please contact after service	Second floor Motor synchronization failure
E16	Electronic control box not connected	The connection between the electronic control box and the power box is abnormal. Note: There is no voice prompt, and it will only be displayed on the mini-program/App.
E80	Motor is abnormal, please contact after service	Abnormal speed measurement signal of the upper-left (1st left) push rod
E81		Abnormal speed measurement signal of the lower-left (2nd left) push rod
E82		Abnormal speed measurement signal of the upper-right (1st right) push rod
E83		Abnormal speed measurement signal of the lower-right (2nd right) push rod
E84	Lifting overload, please check if mechanism is blocked	Overload Protection for the Upper-Left (1st Left) Push Rod
E85		Overload Protection for the Lower-Left (2nd Left) Push Rod
E86		Overload Protection for the Upper-Right (1st Right) Push Rod
E87		Overload Protection for the Lower-Right (2nd Right) Push Rod
E88	Motor is abnormal, please contact after service	The Quick-Mount Kit is out of sync Supplementary Explanations
E90	Actuator not grounded. Abnormal current.	The actual push rod has not touched the ground, but the software judges that it has touched the ground.
√	Remote control pairing succeeded	Wireless remote control pairing successful
√	Please ensure no one is inside or around product, close plate, unlock ladder, then press down button to close it.	Voice prompt before the descent of the first and second floor
√	Please ensure no one is around product, then press down button to close it.	Voice prompt before the last 20 cm of the first-floor descent
√	Starting, please wait	System starting notification
√	Please power off	Power off prompt when the first and second floor are fully retracted
√	Please charge	"Please charge the battery when its power level is below 50%/45%/40%/35%" Supplementary Explanations
√	Start trip reset	Prompt for Entering Stroke Reset
√	Enter engineering mode	Prompt for Entering Engineering Mode
√	The platform is going up/down. Just a second.	The Quick-Mount Kit is in the process of rising/lowering; please stop the main body from lifting/lowering.
√	The platform is fully raised. Now, press the 'Lower Tent' button to retract the tent completely. Once down, check if there's enough clearance under the tent for your car to fit. If there isn't, please find a more level spot to set up.	

If the above problems can not be solved, please contact the after-sale to check the abnormalities immediately. Email: sales@iwildland.com www.iwildland.com

Instructions for Emergency Ascending and Descending Connection Cables

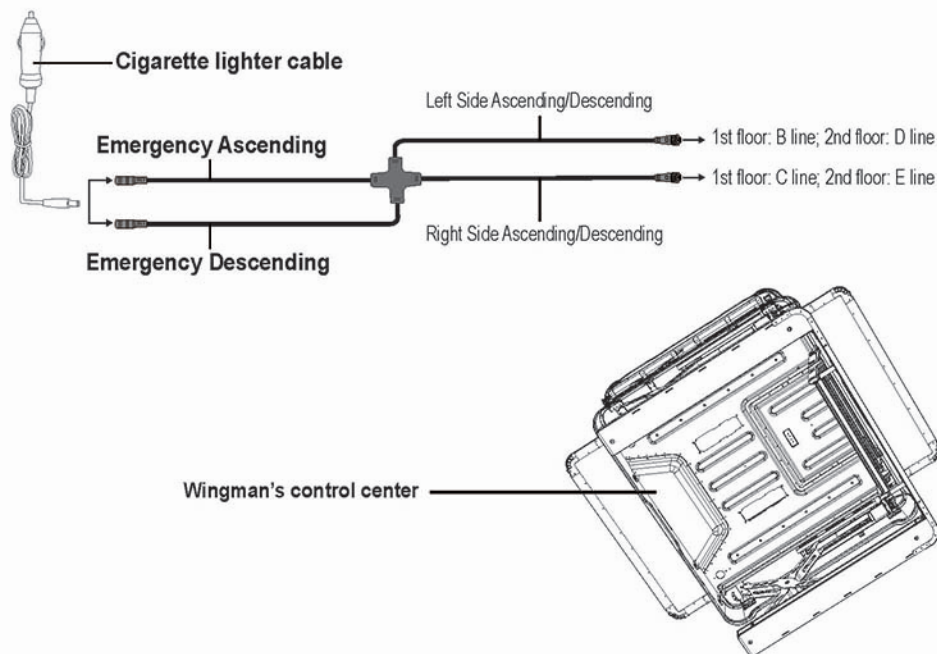
1. Emergency Ascending for 1st/2nd Floor

- ① Open the Wingman's control center protective cover and disconnect cables B, C, D and F.
- ② Start the vehicle and insert the cigarette lighter connector into the vehicle's cigarette lighter socket.
- ③ Plug the cigarette lighter cable connector into the corresponding emergency cable port of 1st/2nd Floor emergency ascending.
- ④ Connect the other end of the emergency connection cable to cable B/ cable D (1st floor: B cable; 2nd floor: D cable). After the left side of the tent lifts for about 5 seconds, disconnect the port.
- ⑤ Connect the emergency connection cable to cable C/ cable E (1st floor: C cable; 2nd floor: E cable) After the right side of the tent ascend for about 5 seconds, disconnect the port. Repeat steps ④--⑤ to ensure the left and right sides maintain balance during ascending until the first floor reaches the top.

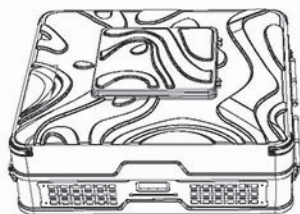
2. Emergency Descending for 1st/2nd Floor

- ① Open the Wingman's control center protective cover and disconnect cables B, C, D and F.
- ② Start the vehicle and insert the cigarette lighter connector into the vehicle's cigarette lighter socket.
- ③ Plug the cigarette lighter cable connector into the corresponding emergency cable port of 1st/2nd Floor Descending.
- ④ Connect the other end of the emergency connection cable to cable B/ cable D (1st floor: B cable; 2nd floor: D cable). After the left side of the tent descending for about 5 seconds, disconnect the port.
- ⑤ Connect the emergency connection cable to cable C/ cable E (1st floor: C cable; 2nd floor: E cable) After the right side of the tent descending for about 5 seconds, disconnect the port. Repeat steps ④--⑤ to ensure the left and right sides maintain balance during descending until the tent fully stops at the bottom.

Note: Only one wire can be connected eachtime during ascending or descending. about 5Sdisconnect the port and switch to the other sideto ensure balanced ascending /descending.



Product List:

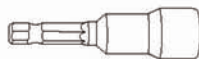


Wingman X

Maintenance installation kit:



Manual crank (2pcs)
φ 25*L1162mm



Strong magnetic wrench
M8*100mm (2pcs)



Socket wrench (2pcs)
6.35*117mm



Socket wrench (2pcs)
12*150mm



Wingman Tail Cover



M10*25MM
Hexagonal screw
4pcs



M10 Arc Washer
4pcs



M10 Large flat Washer
4pcs



Self-locking webbing buckle (1pc)
M8*100mm



High-torque 90-degree
angle driver (2pcs)
152*31mm 6*9mm



Remote Control
2pcs



Cross Screwdriver (1pc)



Ring Spanner (1pc)

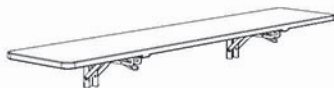


Emergency Lift Connection Cables (1pc)



Car power conversion line
(1pc)

Square expansion board:



T-sliders
4pcs



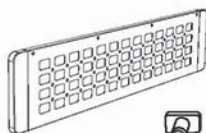
M8 spring washer
4pcs



M8 15mm
Flat washer
4pcs



M8 Flat washer
4pcs



x 4pcs



Flat washer
M8x24mm
4pcs



Eye bolts
4pcs



M8 spring washer
4pcs

Others:



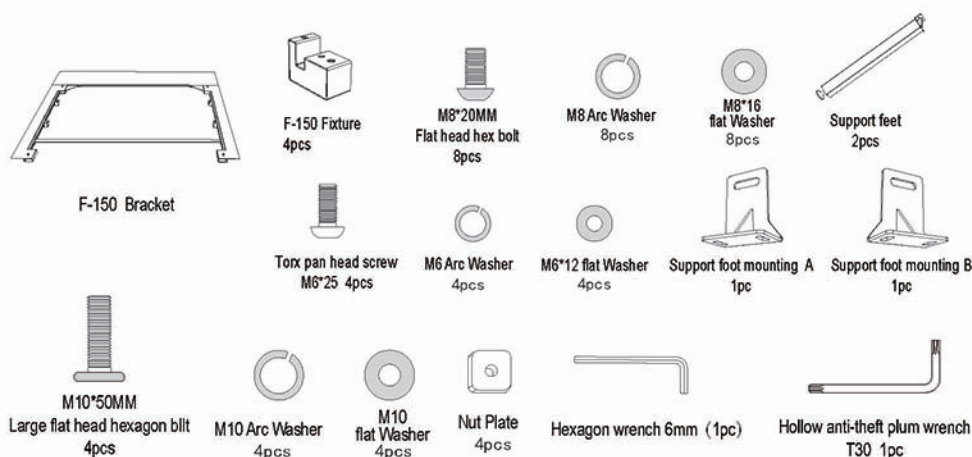
Two-step ladder



Balancer for Wingman X

Product List (Bracket-Individual packaging):

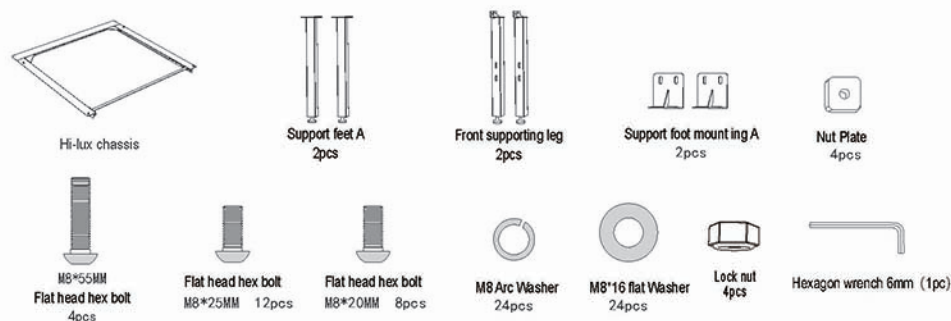
Bracket for FORD F-150:



Bracket for Ranger:



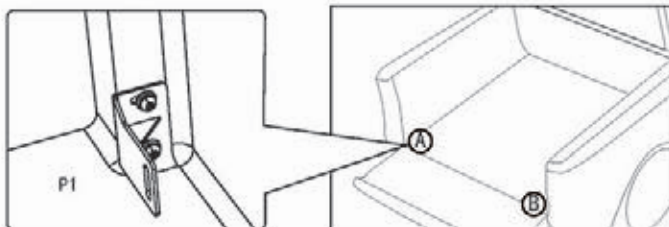
Bracket for Hi-lux:



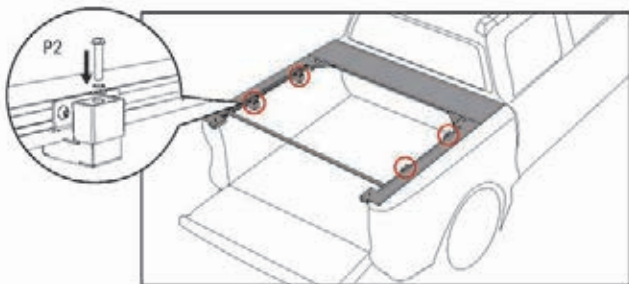
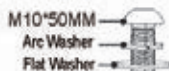
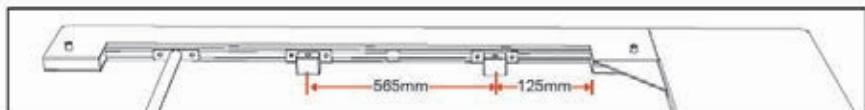
Installing the Bracket:

Installation of the Bracket for FORD-F150:

- ①. Lock the support foot mounting parts A and B on the left and right sides of the rear bucket door with M6*25mm plum head screws + M6 spring washers + M6 flat washers. (As P1)

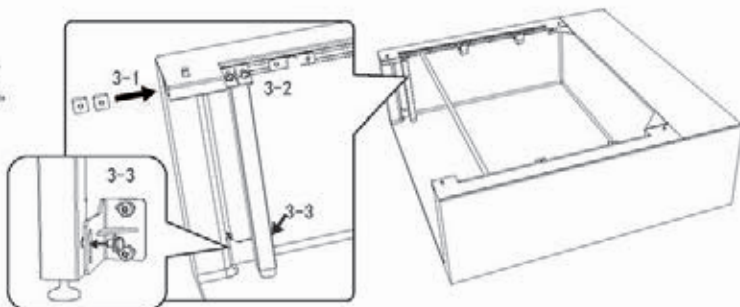
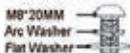


- ②. Take out the Ford F150 special base, fix it on the back of the pickup truck, adjust the fixed base bracket according to the distance, and lock the base fixing parts. (As P2)



- ③. Slide the nut plates into the base slots (as shown in Figure 3-1), take out the support foot locks and tighten them up and down (as shown in Figure 3), check to ensure that each screw is tightened, and the base is installed firmly without deformation. The base installation is completed.

3-2 / 3-3

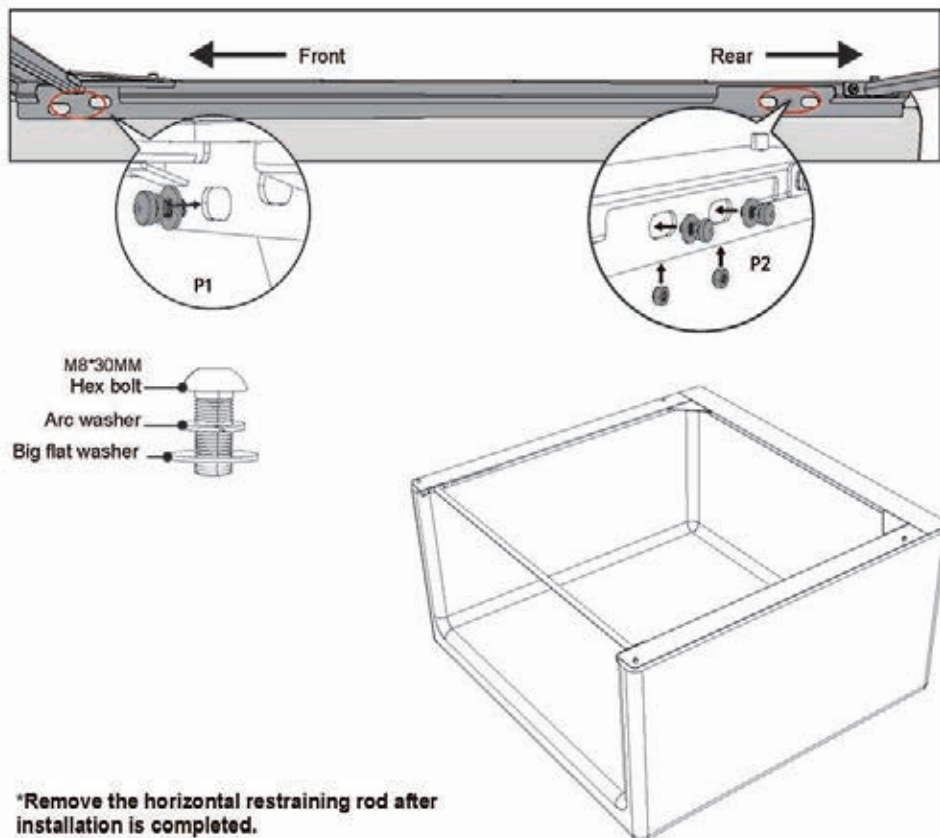


***Remove the horizontal restraining rod after installation is completed.**

Installing the Bracket:

Installation of the Bracket for FORD-RANGER:

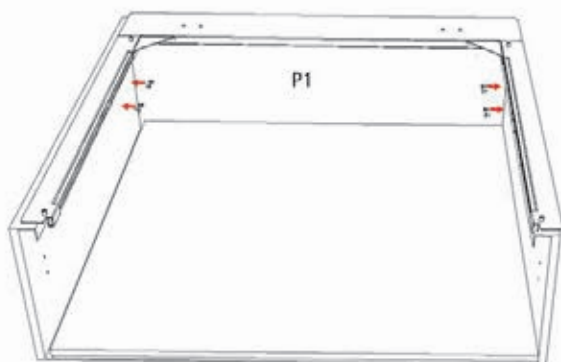
- ① Take out the chassis for RANGER, fix it on the bed of the pick up truck, then screw the M8*30MM bolts together with arc washers and big flat washers tightly to the hole in the rear of the truck by locknuts. screw the M8*30MM bolts together with arc washers and big flat washers tightly to the front of the truck. Make sure each bolt is tightly and properly locked into position, and check that the chassis is installed firmly and not distorted, then the installation is finished.



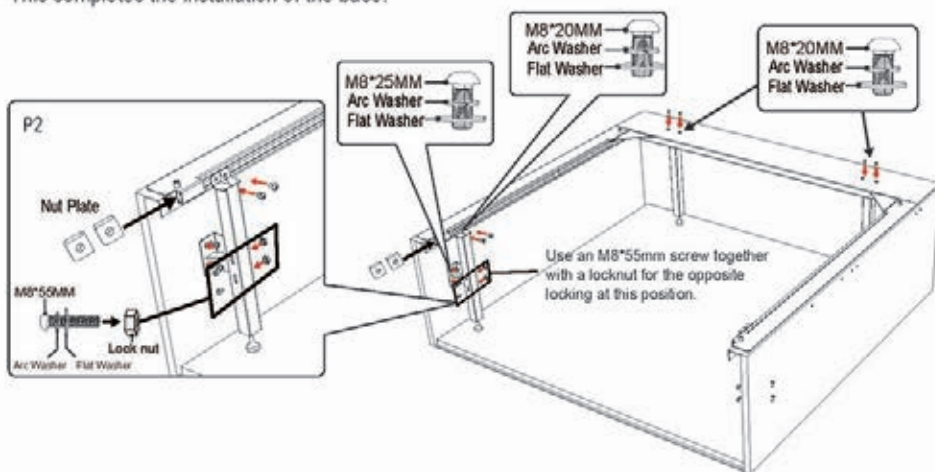
Installing the Bracket :

Installation of the Bracket for Hi-lux:

- ①. Take out the Hi-lux base, fix it on the rear cargo bed of the pickup truck, and tighten all the screws on both the left and right sides (As P1).



- ②. Lock the front and rear support legs as shown in the diagram (as P2), adjust the height of the support legs, check to ensure that each screw is tightened, and the base is installed firmly without deformation. This completes the installation of the base.



Installation and Operation:

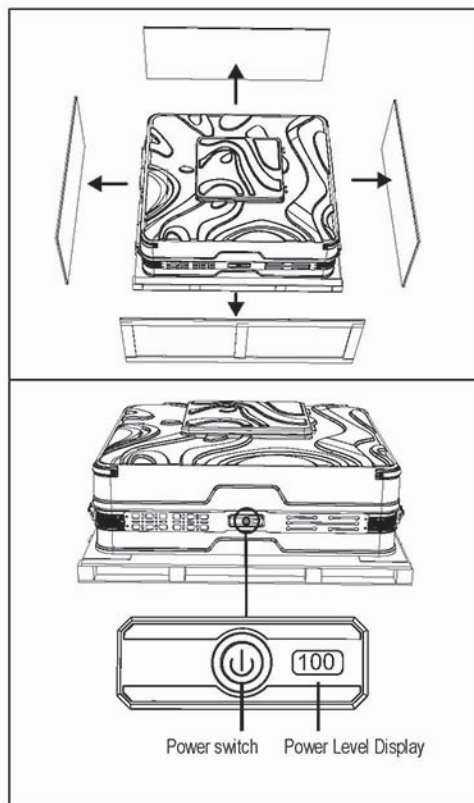
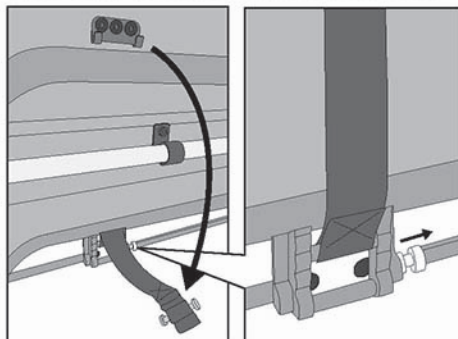
I. Quick-Mount Kit for Wingman X

Note: Only one of the tent lifting/lowering and the lifting installation platform can perform lifting/lowering actions at the same time. (If both are in operation, the system will automatically stop the tent from lifting/lowering.)

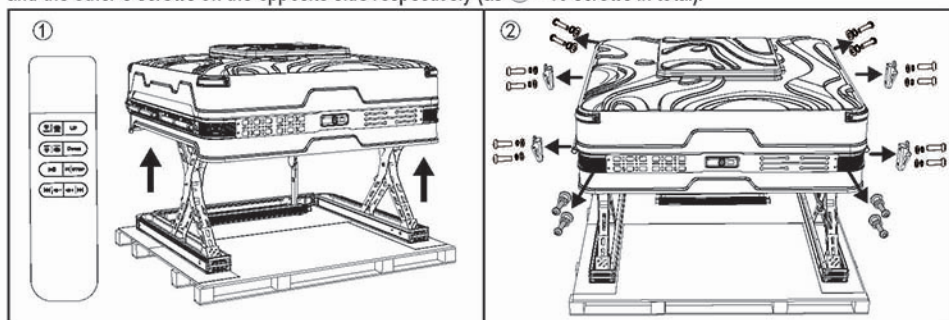
1. Open the four side panels of the wooden packing crate, and you will see the complete tent.

2. Turn on the power supply and ensure that the power box has more than 30% of its battery remaining.

Note: The four webbing buckles on both sides of the tent must be unfastened first!



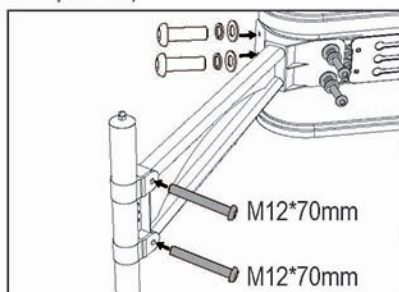
3. Take out the remote control and press the UP button; the system will automatically lift the first layer of the tent to the highest position (as ①). Then, remove the 8 screws from the four hanging rings at the four corners of the tent and the other 8 screws on the opposite side respectively (as ② - 16 screws in total).



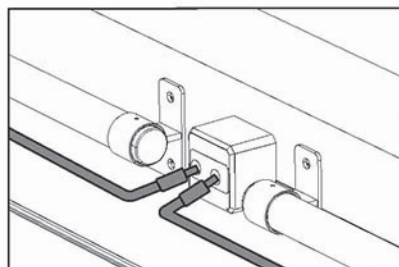
During the tent lifting/lowering process (whether rising, lowering, or closing), a safe distance must be maintained. It is strictly prohibited for personnel to enter the tent for operation. Only after the lifting/lowering is completed and no abnormalities are confirmed can the tent be used normally.

Installation and Operation:

4. Take out the four Quick-Mount Kit and assemble them as shown in the figure below (connect and fasten the push rods and brackets with M12*70mm screws). Then install them at the four corners of the Wingman X tent; (fasten four screw+ spring washers+flat washers for each platform, and ensure they are securely fastened).



5. Connect the power cords of the four Quick-Mount Kits to both sides of the tent respectively.



Note: After installing the four push rods, you can first perform a reset operation for the four push rods to ensure they are all in the initial position:

A. Turn off the power button.

B. Turn on the power button (complete the following operations within 5 seconds after turning on the button):

① Press the "stop" button briefly three times

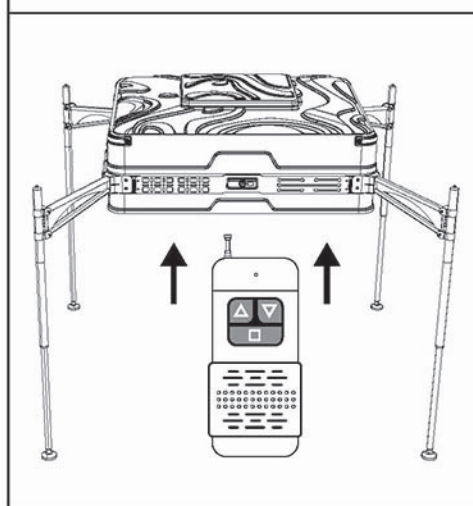
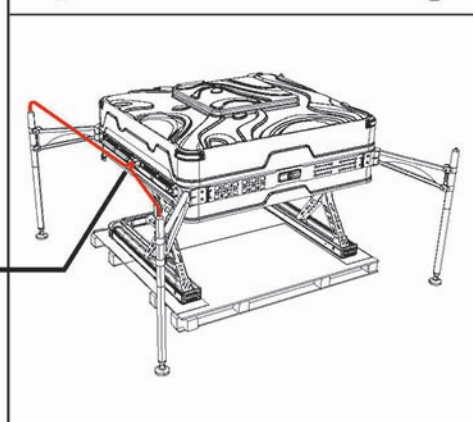
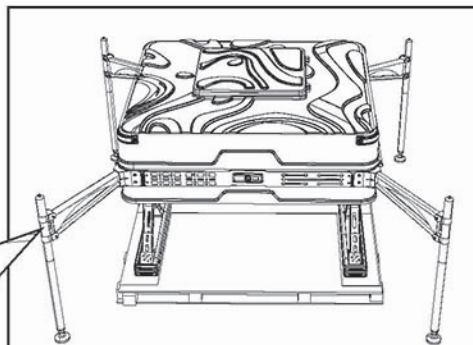
(Note: Leave an interval of about 0.5 seconds between each press.)

② Press and hold the "Down" button for more than 1 second. (If the push rods do not extend within approximately 10 seconds after startup, please turn off the power and repeat the above operations.)

Reset movement mode: All push rods extend for a certain distance — all push rods retract to the bottom — the push rods extend a short distance — stop (reset completed).

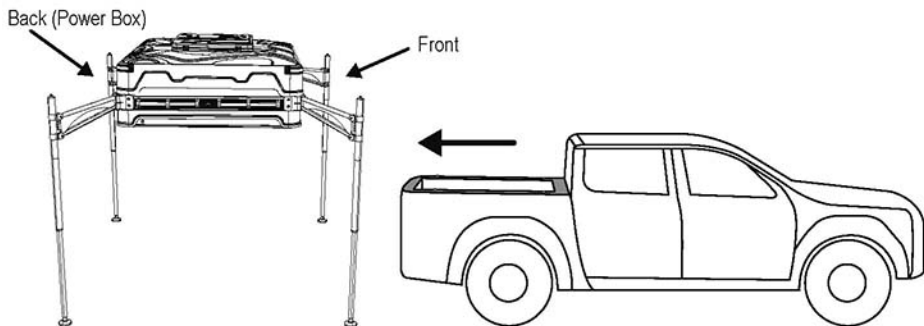
6. Press the "UP ▲" button on the Quick-Mount Kit remote control; use the push rods of the four Quick-Mount Kit to raise the tent. The Quick-Mount Kit will stop automatically after reaching the highest position.

Then press the "Down" button on the tent remote control; the first layer of the tent will be folded automatically. Finally, remove the pallet at the bottom of the tent.



Installation and Operation:

7. Slowly reverse the pickup truck with the installed dedicated base from the front of the Wingman X Tent to a proper position.

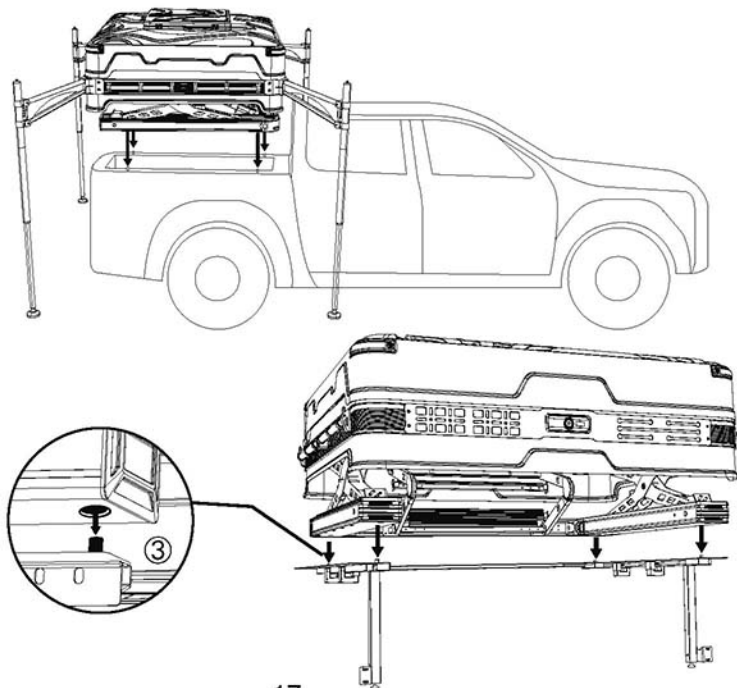


8. Press the "UP" button on the tent remote control. Wait until the first layer of the tent slowly descends by approximately 10–20 cm, then press the "STOP" button.

Next, press the "DOWN ▼" button on the Quick-Mount Kit. As the platform descends, gently push the tent to align the circular holes at the bottom with the four cylindrical pins on the base, and complete the docking and locking (as ③).

(Note: You can gently push the tent to move it left or right for better alignment. After the tent is aligned and connected to the base, follow the steps below to remove and store the Quick-Mount Kit.)

- (1) Press the "▼ Down" button on the Quick-Mount Kit remote control; the Quick-Mount Kit will retract to its shortest length and stop.
- (2) Remove the four Quick-Mount Kit one by one, then disassemble the push rods and brackets, and place them into the storage bag for packing and storage.
- (3) Finally, re-fasten the four hanging rings and the side screws back onto the Wingman X tent, and the process is completed.

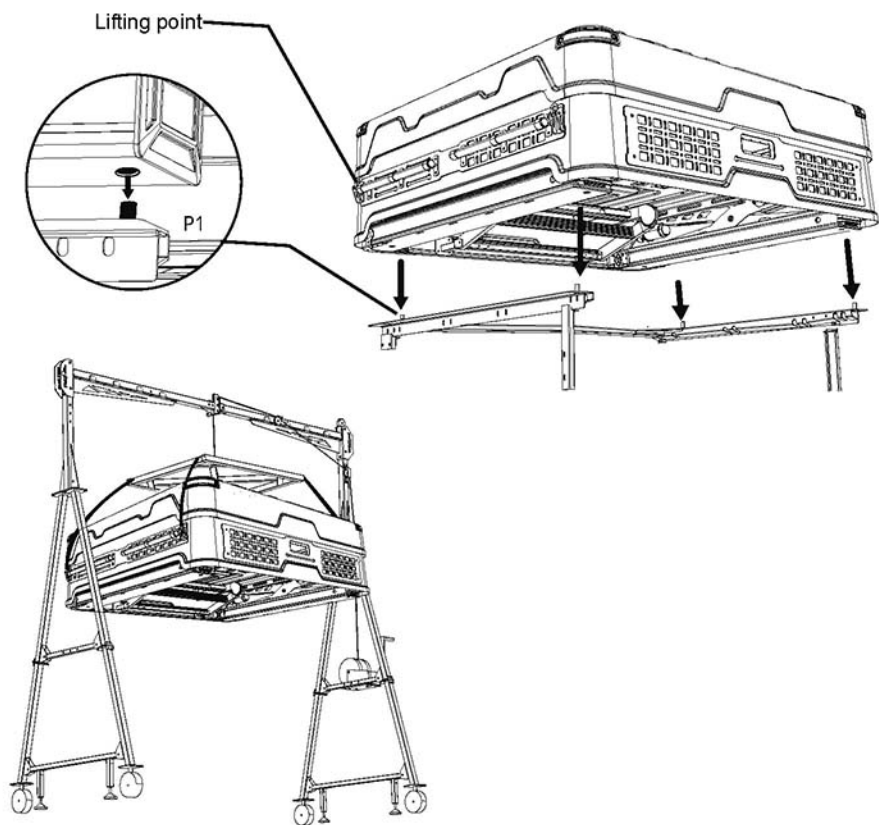


Installation and Operation :

II . Installation using hoisting method:

1. Use a crane to lift the tent onto the truck bed and align the holes with the base(P1).

(Note: It is recommended to visit a store and perform the installation under the guidance of a professional.)



2. After the tent is aligned and connected to the base, remove the hoisting equipment.

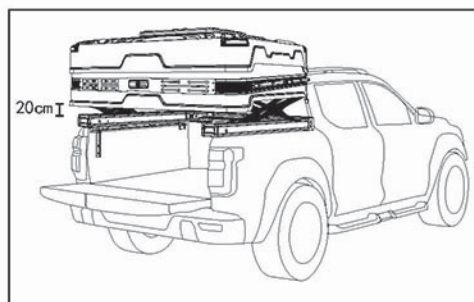
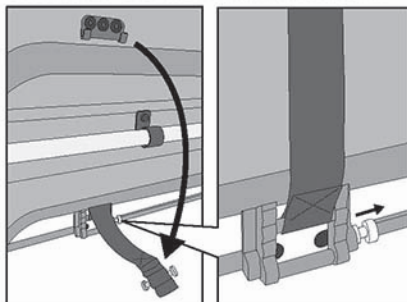
Installation and Operation:

After completing either of the two installation methods above, you can proceed to the next step.

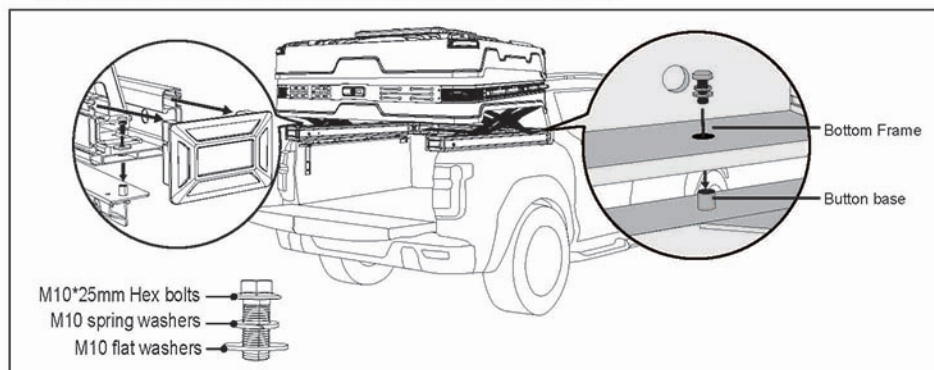
1. Turn on the power switch, take out the remote control, and use the remote control to lift the tent to a height of approximately 20 cm. The remote control has been successfully paired at the factory.

Press the UP button to raise the tent, and press the Stop button to halt the tent's ascent.

Note: The four webbing buckles on both sides of the tent must be unfastened first!



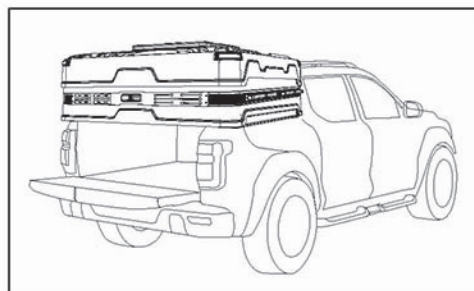
2. Remove the side covers of the base frame. Insert M10x25mm hex bolts, spring washers, and flat washers into the four corner holes and tighten them with a wrench.



3. Use the remote to lower the tent. Ensure all bolts are tightened, parts are not deformed, and installation is complete.

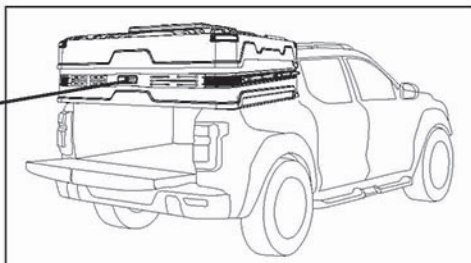
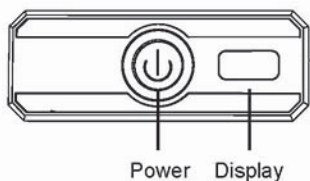


After connecting the tent to the base, double-check that all bolts are secure and the base and rooftop tent are stable before proceeding.



Electric Double-Layer Tent Operation:

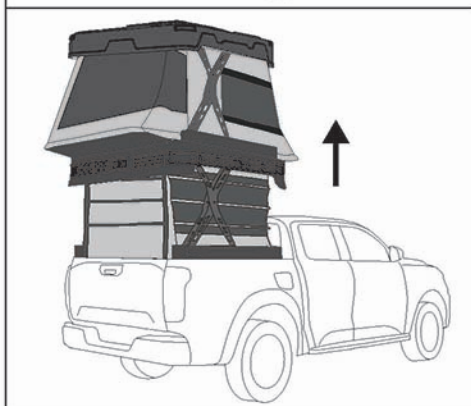
1. Turn on the Power.



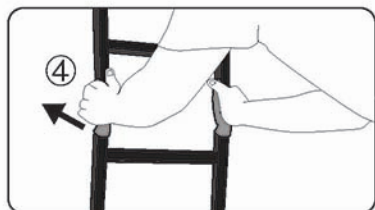
2. Press the "UP" button to automatically raise the first layer of the tent to its maximum height. Once fully raised, press the "UP" button again to raise the second layer to its maximum height.



Maintain a safe distance during the tent's raising or lowering process. Confirm there are no abnormalities before normal use.



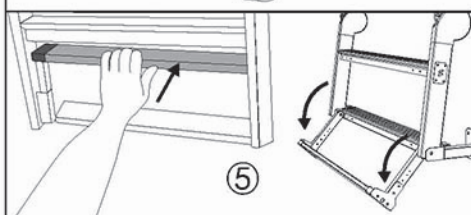
3. Accessing the Tent: After both layers are fully raised, roll up the rear door of the tent. Enter the truck bed and locate the ladder on the first layer of the tent. Press both sides inward to secure the ladder (as ④).



(Note: Ensure the ladder is locked.)



4. Push the bottom pedal of the ladder inward to unlock it, then lower the ladder (as ⑤).



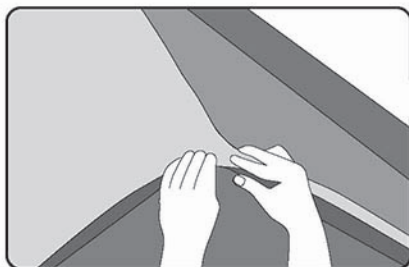
Electric Double-Layer Tent Operation:

Skylight Operation:

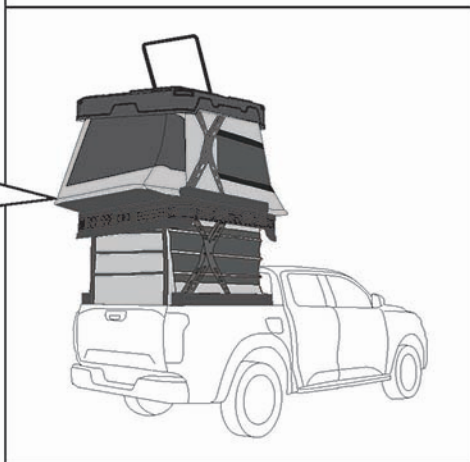
Rotate the handle to unlock, then gently push outward to open.



Note: After opening the tent, turn off the power switch to prevent power loss or accidental remote control activation.



Waterproof Tip: Pull down the fabric to ensure it covers the folding panels for better waterproofing.



Emergency Braking Methods: You can either press the "STOP" button briefly immediately, or cut off the power supply, or open the second-floor flap.

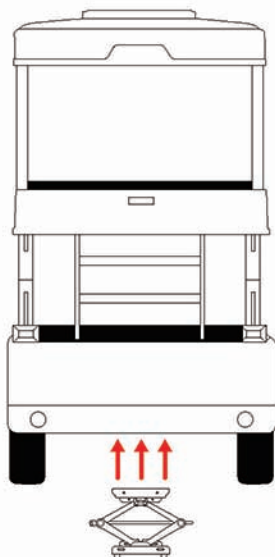
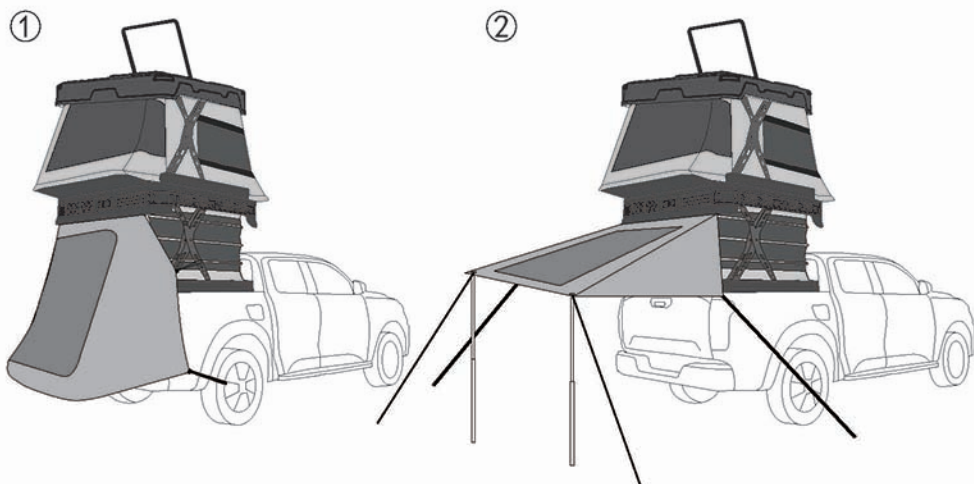
Wingman Tail Cover and Wingman Stabilizer:

Usage of the Tail Cover:

Connect the top of the tail cover to the rear curtain door, fix the middle part to the scissor arms, and secure the bottom to the wheel hub (as ①).

Removable Awning:

With the cooperation of support poles and wind ropes, the tail cover can be expanded into a removable awning for use (as ②).



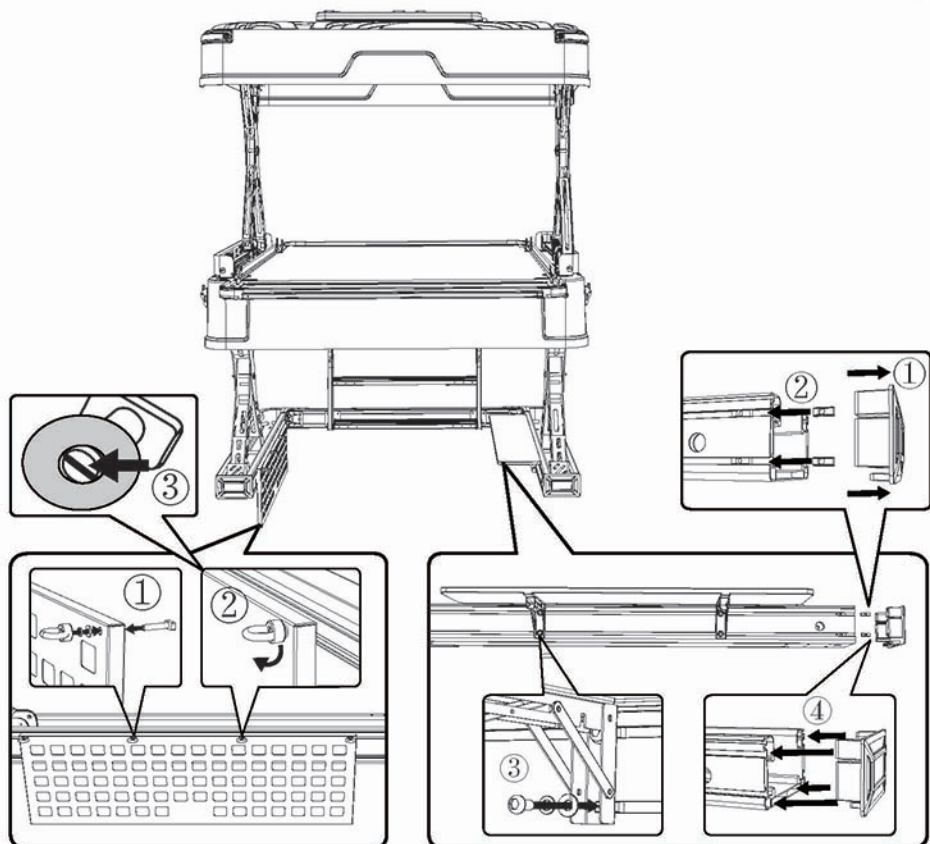
Wingman Stabilizer

Installation Instructions for the Wingman Stabilizer:
When Wingman reaches its highest, place this Stabilizer in the middle position under the truck bed of the pickup. Gently lift the underside of the truck to Stabilizer the vehicle.



Do not lift the Stabilizer too high to raise the vehicle body. Before driving, ensure the Stabilizer is removed and properly stored!

Square expansion board



Extension Board Installation:

1. Insert the four T-shaped bolts through the top holes of the extension board, then attach an M8*24 large flat washer and a spring washer on the other end. Secure with the eye bolts (see Fig. ①).

Note: Only pre-tighten at this stage, do not fully tighten yet.

2. Align the pre-assembled T-shaped bolts with the side slot of the Wingman, then fully tighten the eye nuts to secure (see Fig. ②).

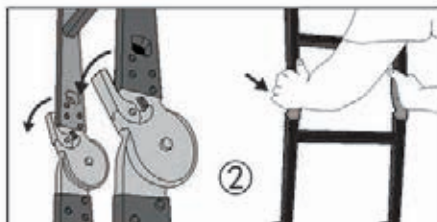
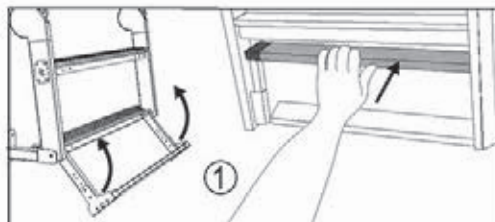
Note: After tightening, the horizontal bar on the front of the T-shaped screw should be diagonal (Figure ③).

Folding Table Installation:

1. Remove the rear cover of the Wingman (see Fig. ①), and slide four T-sliders into the slots (Two into the upper slot and two into the lower slot. see Fig. ②).
2. Align the folding brackets with the T-sliders. Place a flat washer and a spring washer on each, then fasten with M8*15 screws (see Fig. ③).
3. Make sure all the screws are tightened securely, and then just put on the rear cover (see Fig. ④).

Closing the Electric Double-Layer Tent:

1. Enter the truck bed, locate the ladder for the first floor of the tent. Fold up the bottom pedal of the ladder (as ①), then unlock the ladder. Grasp the ladder with both hands and pull it gently outward until the ladder bends slightly (as ②).

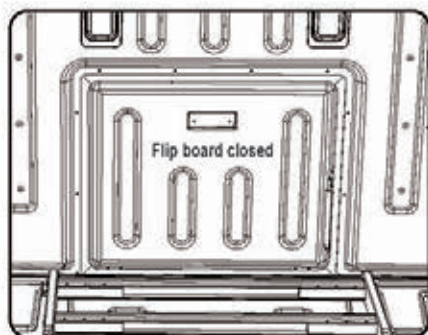


Note: Before lowering the tent, close the skylight, turn off ambient lights, and ensure no people or items are inside. Lay sleeping bags and pillows flat, and do not exceed the original truck bed height with items.

2. Close the Second Layer: Fold down the second layer and secure the rear door fabric.



Note: Ensure the flip board was closed; otherwise, the system will not operate and will issue a voice prompt: "Flip board not closed, please close."



Closing the Electric Double-Layer Tent:

3. After the product is turned on, press the "Down" button, and the second floor will start to lower. The second floor will automatically stop when it is approximately 50 cm above the lowest position, and the system will broadcast a voice prompt:

"Please ensure no one is inside or around product, close plate, unlock ladder, then press down button to close it." After checking the tent according to the voice prompt, press the "Down" button again, and the system will lower the second floor to the lowest position.



Note: After closing the tent, turn off the power switch to prevent power loss or accidental activation.

4. After lowering the second floor of the tent to the lowest position, press the "Down" button on the remote control. The system will then broadcast a voice prompt:

"Please ensure no one is inside or around product, close plate, unlock ladder, then press down button to close it." After ensuring there are no abnormalities inside the tent as instructed by the voice prompt, press the "Down" button again. The system will lower the first floor of Yumeng to the 20 cm position.

5. At this point, the system will broadcast a voice prompt: "Please ensure no one is around product, then press down button to close it." After checking the tent according to the voice prompt, press the "Down" button again, and the system will automatically lower the first floor to the lowest position.

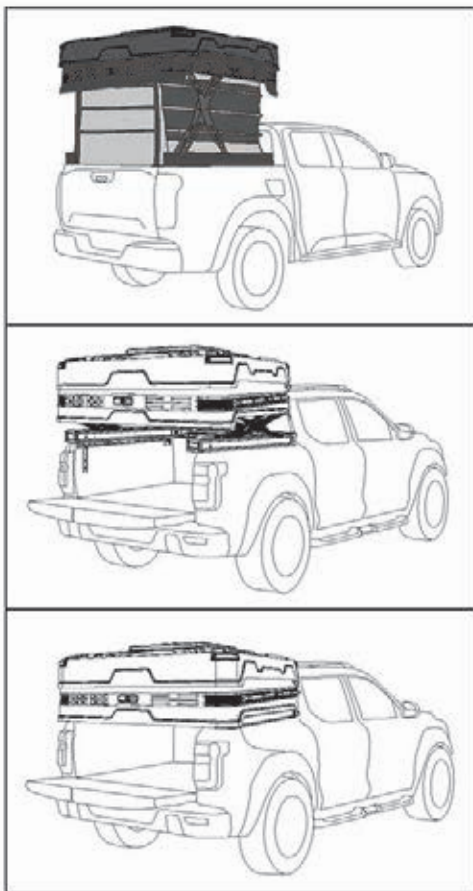
6. After the tent is fully retracted and comes to a stop, turn off the power and close the truck bed. This completes the retraction of the tent.

After folding the tent, cut off power immediately to avoid accidental operation of the remote control!

- ① If the first or second floor lowers to the bottom and then automatically bounces back a short distance, this is the product's automatic adjustment process and is a normal phenomenon.
- ② If the product has obvious imbalance or fails to lower to the bottom, perform a reset operation as follows:
 - (1) Turn on the power; when displaying "000", quickly perform the following steps:
 - (2) Press the "Down" button on the remote control three times in quick succession;
 - (3) Press and hold the second-floor lighting button for more than 1 second — the reset operation will be activated successfully

Wait for the reset to complete.

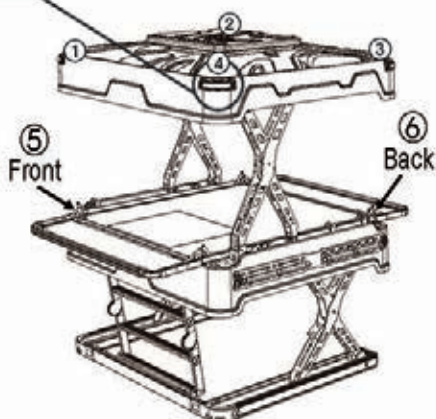
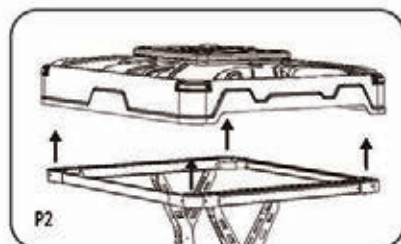
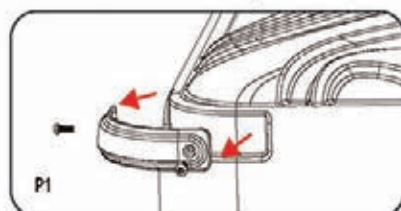
If the product does not lower after 5 seconds, repeat the above operations. Reset process: Second floor lowers to the bottom → First floor lowers to the bottom → Prompt to turn off the power; reset is complete.



Manual descent operation:

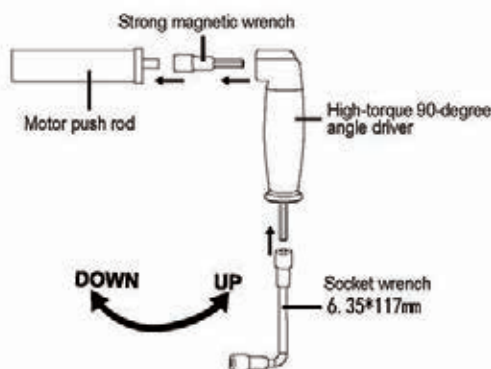
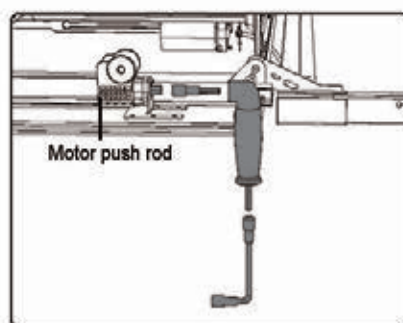
Instructions for emergency manual descent of the second Floor

Use an Allen wrench to unscrew the two self-tapping screws, and remove the screws together with the corner guard (P1) at the same time. Then, remove the self-tapping screws and corner guards at the other three corners in the same way. After that, lift the entire top cover (P2).



Fit the M8x100mm magnetic socket wrench over the protruding hexagon heads of the electric push rods ⑤ and ⑥ at the bottom of the scissor lift, near the second floor. Connect the high-torque 90-degree angle adapter to the magnetic socket wrench. Then, use a 6.35*117mm socket wrench to rotate clockwise, which will allow the second floor to be lowered in an emergency.

Note: Two people must operate simultaneously on both sides during the lowering process to ensure that both sides descend at the same time.

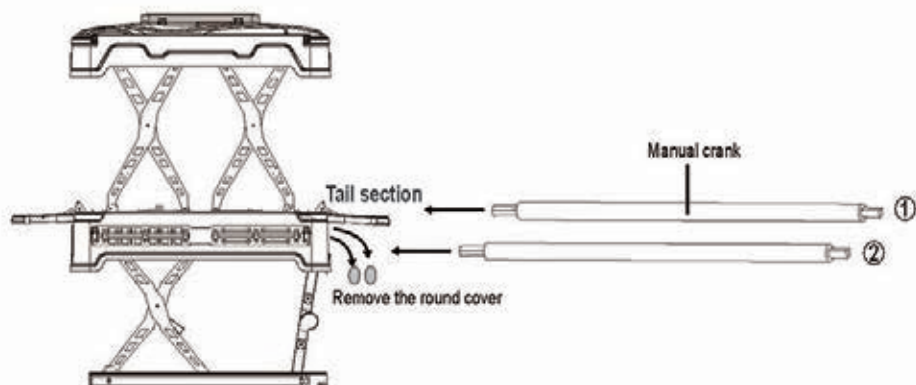


Warning: Manual lowering is for emergency use only. After turning off the power and ensuring the ladder is unlocked, lower the second section first, then the first section. This operation requires two people to perform simultaneously to ensure both sides lower at the same time.

Manual descent operation:

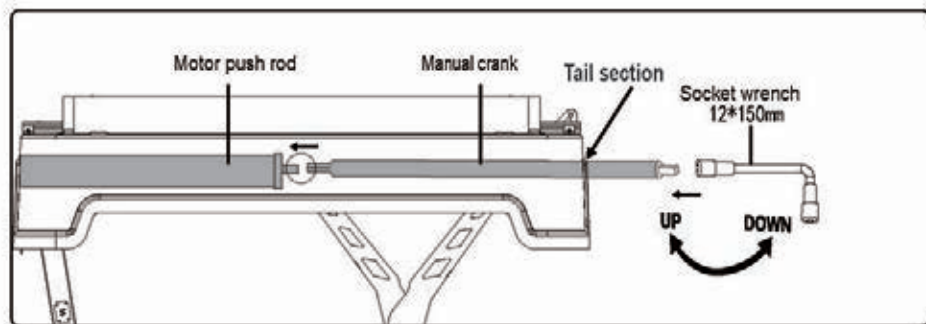
Instructions for emergency manual descent of the first Floor

Remove the round covers at the rear section of the central frame and the middle sections on both sides. Insert the two manual cranks through the holes on the left and right sides at the rear, and fit them onto the protruding outer hexagonal area of the electric push rod at the top of the first-floor scissor jack.



Use 12*150 socket wrench at the end of the manual crank. Rotate it counterclockwise to manually lower the first floor in an emergency.

Warning: During the descent, two people must operate simultaneously to ensure that both sides descend at the same time.



Warning: Manual lowering is for emergency use only. After turning off the power and ensuring the ladder is unlocked, lower the second section first, then the first section. This operation requires two people to perform simultaneously to ensure both sides lower at the same time.

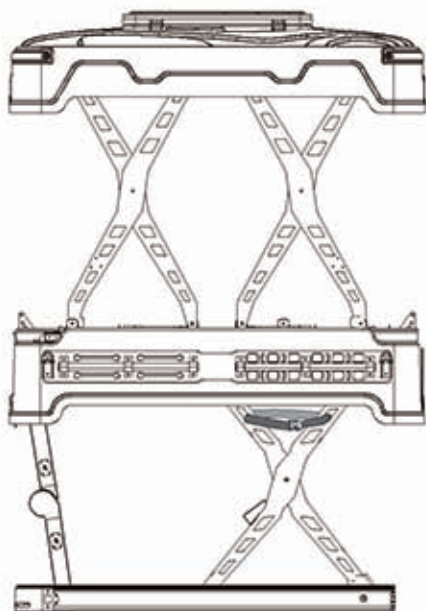
Product maintenance and care:

Maintenance Instructions:

1. Remove any debris from the chassis before each use.
2. Dry the tent fabric promptly after it gets wet.
3. If there is accumulated water inside the aluminum pipe, please clean it up in a timely manner.
4. Keep electric motor mechanism area clean.

Note:

When the product needs maintenance, such as replacing the electric push rod or motor, please use the self-locking webbing buckle to fix the cross shears before operation.



Self-locking webbing buckle (1pc)
M8*100mm





Warning

1. Check the product fasteners before traveling to ensure that all are firm and strong.
2. Vehicles loaded with the product are prohibited from speeding on roads and highways, and the fastest speed can not exceed 100 km / h. (The product must be fully folded in place before it can be driven).
3. When passing rough roads such as blades and deserts, the speed should be kept below 30km / h.
4. When installing the product, ensure that the product is installed firmly.
5. After installing the product, the height of the vehicle is about 206 cm (excluding the top luggage) . Please pay attention to the limit height of the high-speed and underground garage to ensure that the car with the product can pass smoothly.
6. When the product is not in use, please disassemble it and put it in the warehouse.
7. When the wind force exceeds scale 6(12m/s), it is forbidden to open the product for use.
8. Pay attention to safety when going up and down the second floor. No playing on the second floor. Children must use the product under the supervision of adults and take protective measures.
9. The maximum weight of the second floor is 260KG, and overweight is prohibited.
10. When people are on the second floor, they must pay attention to safety and are prohibited from leaning on the four edges of the second floor.
11. People are strictly prohibited from going on top of the tent.
12. When the tent is being raised or lowered, it is strictly forbidden to approach or touch the cross arms. If you really need to tidy up the tent cloth, you must first press the "Stop" button and wait until the tent stops completely and is confirmed to be safe before tidying it up.
13. During tent rising or lowering, a safe distance must be maintained, and people are strictly prohibited from entering the tent to operate anything, and it can be used normally after the lifting or closing is completed and confirmed that there is no abnormality.
14. In case of emergency, you can cut off the power supply and force the tent to stop.
15. Before the tent is lowered and closed, please check whether the second floor is tidied up (sleeping bags and pillows must be laid out).Ensure that no other items and persons, the first floor's loading items can not exceed the height of the original rear bucket of the car.

Before use, please carefully read the instructions and warnings, the operation of the product steps must be strictly in accordance with the requirements of the instructions. If you fail to comply, the consequences caused by the parties themselves, our company will not bear any responsibilities.

FCC Warning

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.**
- Increase the separation between the device and receiver.**
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.**
- Consult the dealer or an experienced radio/TV technician for help**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment



www.iwildland.com

WILD LAND OUTDOOR GEAR LTD.

📍 : No.9 Dongfu West 2nd Road, Haicang, Xiamen, China 361027

☎ : + 86-592-3133399

☎ : +86-592-3332833

✉ : sales@iwildland.com

🌐 : www.iwildland.com