



# M'LinkX

## Front Wing Decoration Kit and Spot Light Installation Guide



## Installation and User Guide

# 01

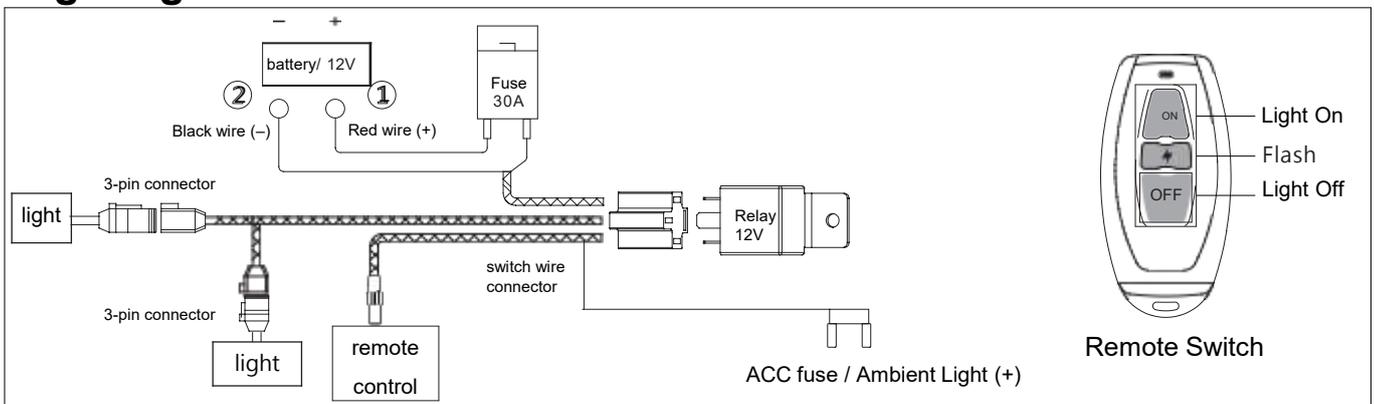
# IMPORTANT SAFETY NOTICE

To reduce risks, please read and follow this manual completely before installation and use.

## Precautions Before Use:

1. Read all instructions and wiring diagrams before installing auxiliary lights.
2. Consult an AW authorized installation shop or dealer for guidance.
3. Use the provided wiring harness to ensure safety.
4. Route wires away from moving or high-temperature components inside the vehicle.
5. Power line functions:
  - Red: High beam positive
  - White: Ambient light positive
  - Black: Common ground
6. Always use connectors between lights and harness; do not cut and connect directly to avoid fogging or water ingress.
7. Keep the vehicle ignition on during use to prevent battery drain.
8. Do not use the lights when following or approaching other vehicles for safety.
9. Check the vehicle body, roof, and glass for damage before installation.
10. Use a torque wrench when tightening mounting brackets.
11. Do not exceed the vehicle's maximum load capacity.

## Wiring Diagram



## Troubleshooting:

### 1. Light flickering or some LEDs not working:

- a. Check if the car battery voltage is too low or if the engine is on.
- b. Check the light connectors, wiring harness, relay, and fuse for loose connections or damage.

### 2. Condensation inside the light:

- a. Due to temperature differences between the inside and outside of the light, moisture may form on the lens while the light is on. It will disappear automatically 30–60 minutes after turning off the light. This is normal and requires no action.

## Warranty:

1. Free replacement of the light for non-human-caused defects within 2 years from installation.
2. Free repair for non-human-caused defects after 2 years.
3. Damage caused by accidents, collisions, or other external impacts is not covered under warranty.

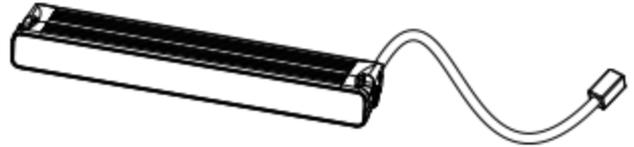
# Tools & Parts

Front Decoration Kit (Pre-installed)



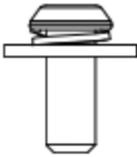
**A** X1

Spotlight



**B** X2

M6 × 15 Socket Head Screws Set



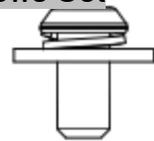
**C** X22

ST6 × 20 Button Head Hex Socket Screw



**D** X4

M6 × 12 Hex Socket Button Head Screws Set



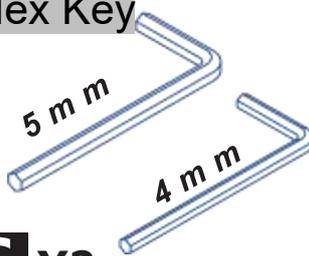
**E** X6

M6 × 16 × 20 × 4.5 Slide Channel Nut



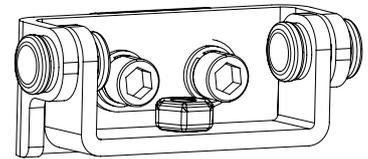
**F** X6

Hex Key



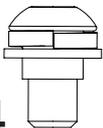
**G** X2

Spotlight Adjustment Kit



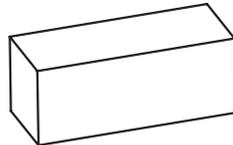
**H** X2

Front Spotlight Mounting Screws Set  
M8 × 16 Hex Socket Button Head Screws



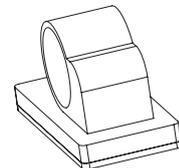
**X4**

Hex Key



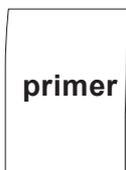
**K** X1

Wiring Harness Clip



**M** X10

Primer



**P** X2

Wiring Harness Zip Tie



**X10**

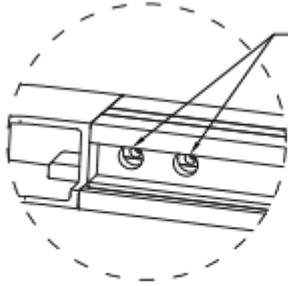
# 03 Installation

## Steps Guide

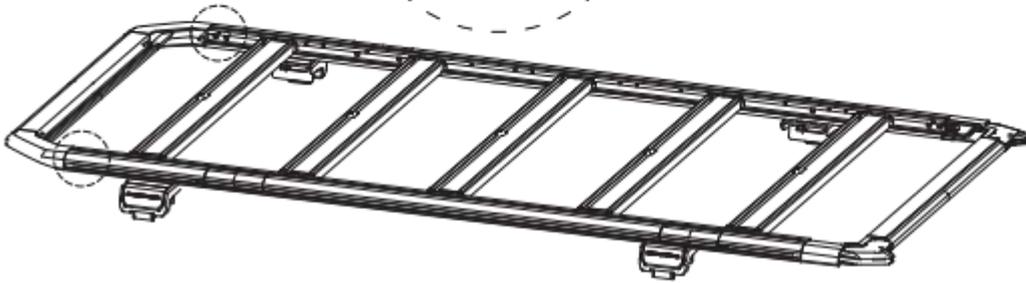


Scan QR for  
Installation Video

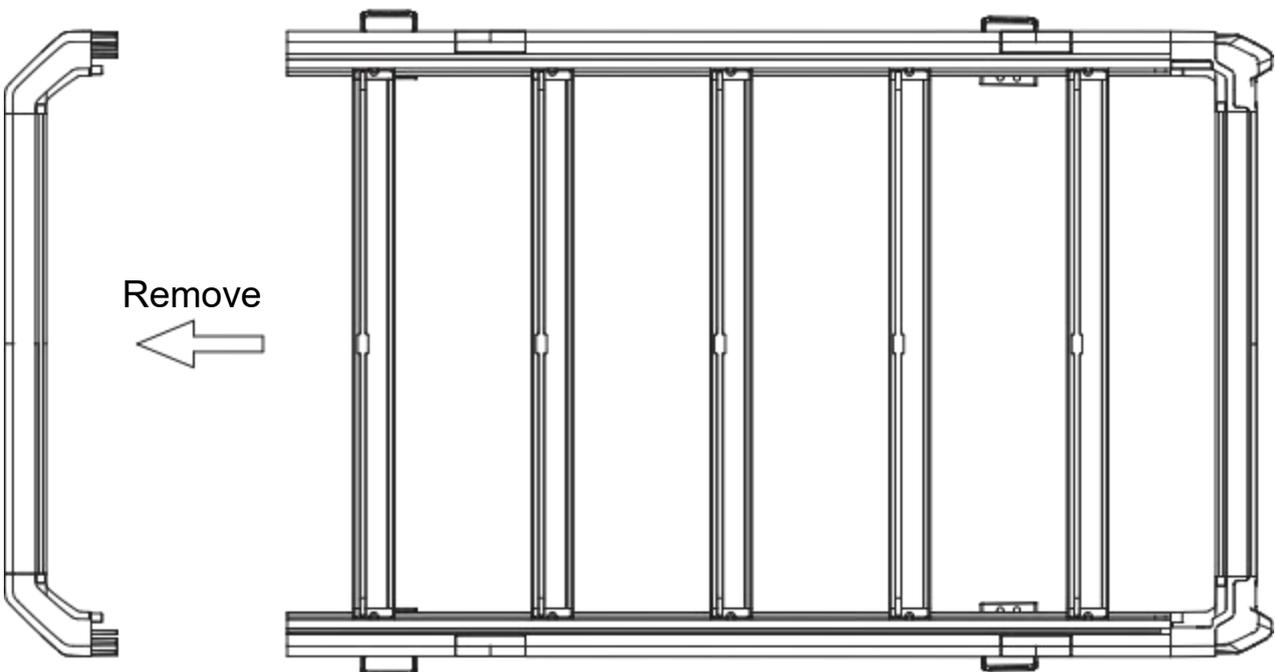
- 1** Remove Front Crossbar  
Unscrew the four M6 × 12 Hex Socket Flat Head Screws on the inner front corners. If the M'linkX Roof Rack is installed, work can be done on the roof.



Unscrew two M6 × 12 Hex  
Socket Flat Head Screws  
on each front corner



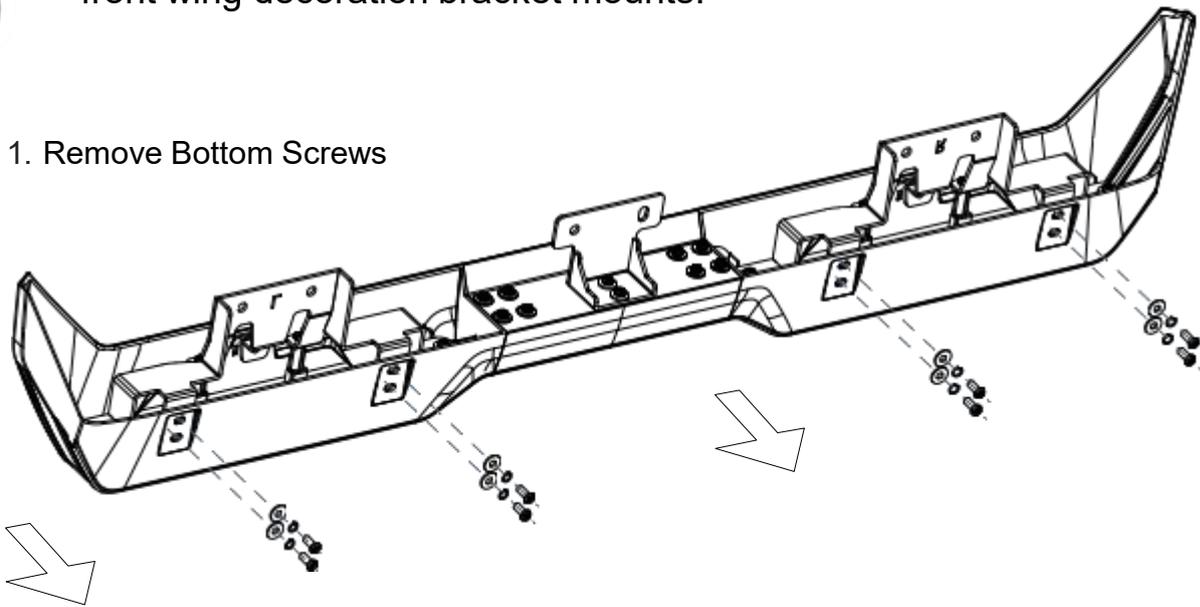
- 2** As shown, push the front crossbar forward. Two people should perform this from each side to avoid damage or injury.



# 3

As shown, remove and keep the screws, spring washers, and flat washers from the front wing decoration bracket. Take out the two front wing decoration bracket mounts.

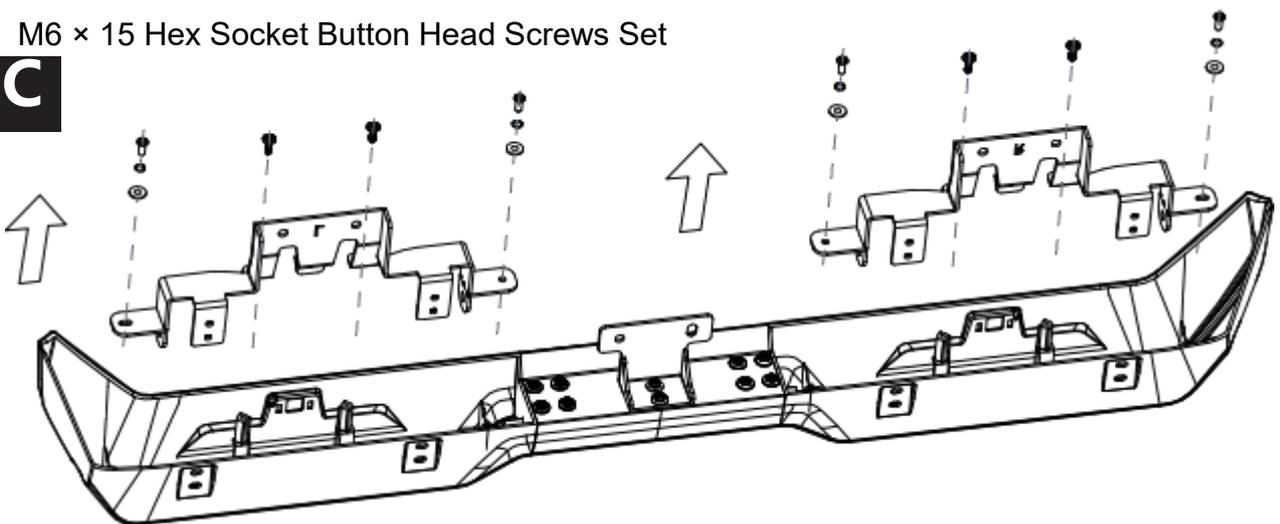
## 1. Remove Bottom Screws



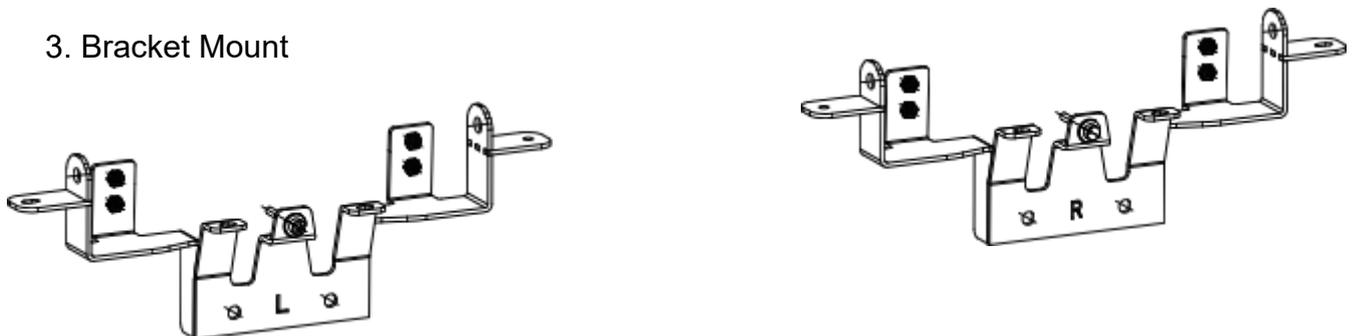
## 2. Remove Side Screws and Take Out Bracket

M6 × 15 Hex Socket Button Head Screws Set

**C**

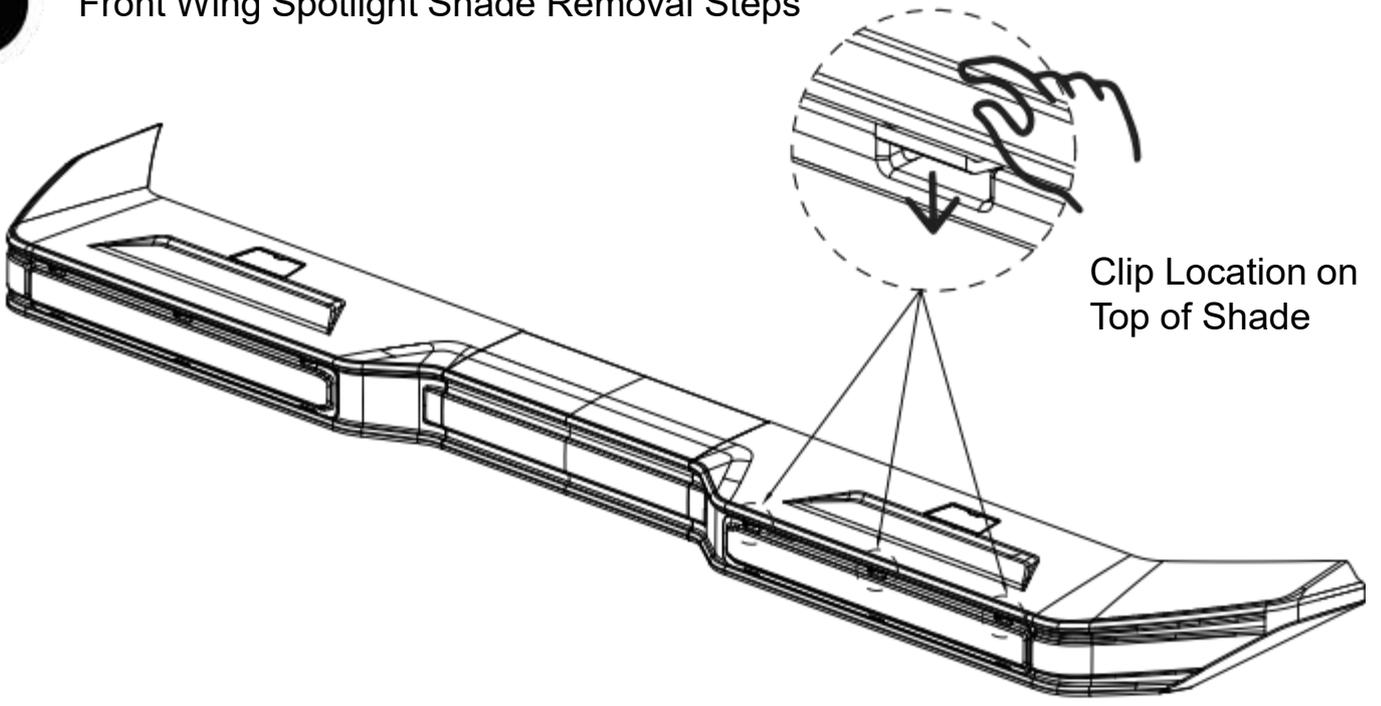


## 3. Bracket Mount

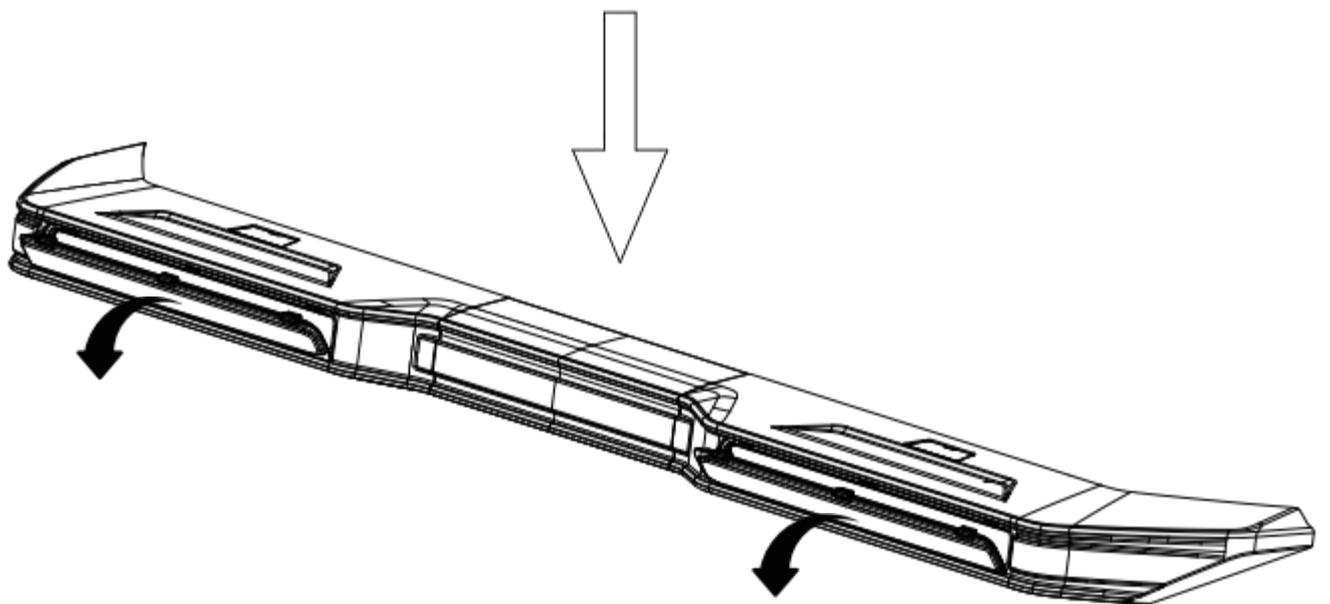


4

### Front Wing Spotlight Shade Removal Steps



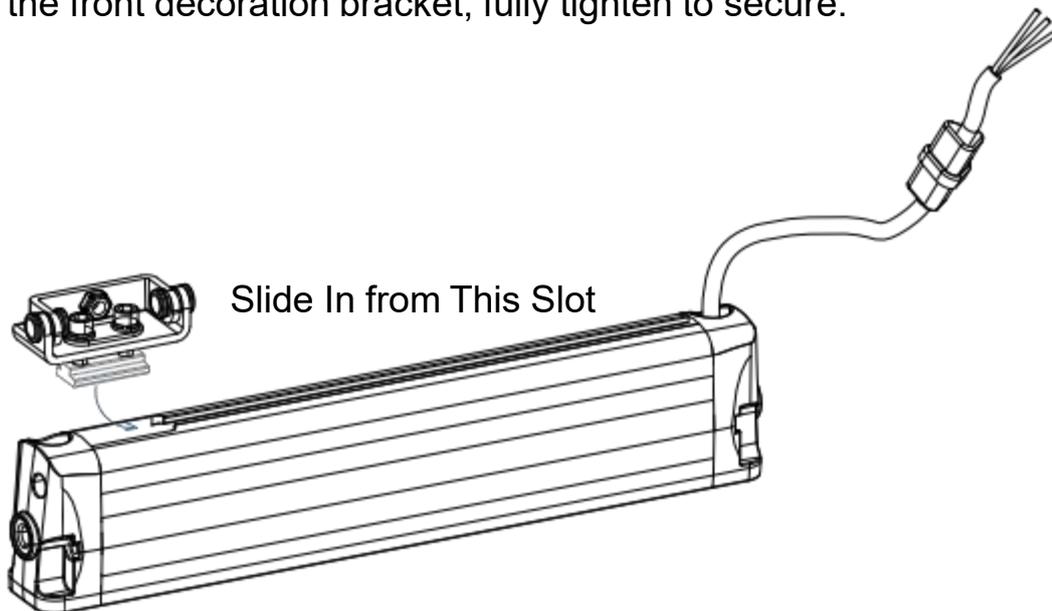
Unlock and Flip Out the Top Clips on Both Shade Panels



5

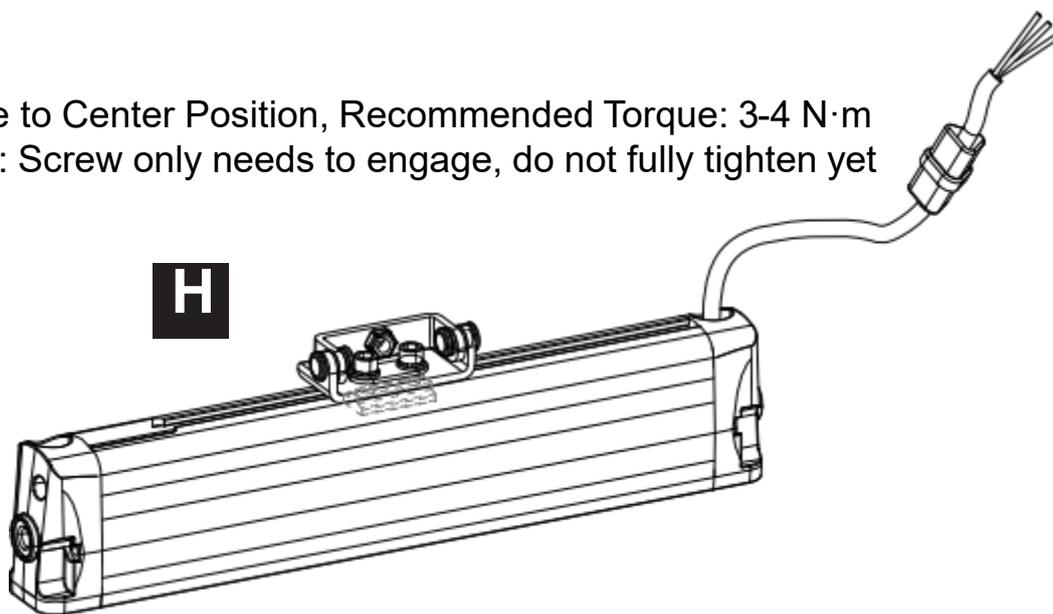
Position the spotlight adjustment kit and spotlight in the center and lightly tighten. Do not fully tighten. After connecting with the adjustment screws on the front decoration bracket, fully tighten to secure.

H



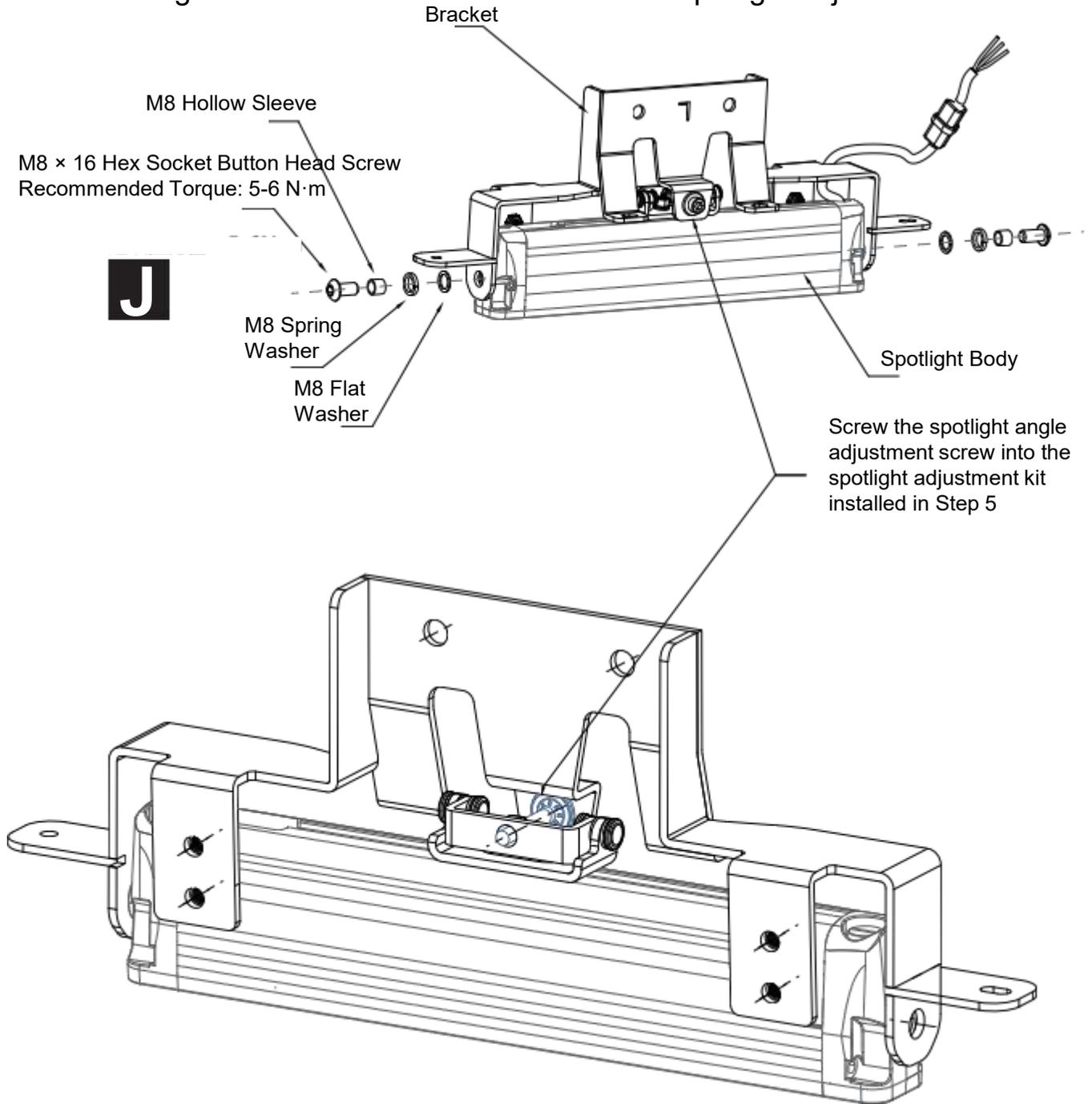
Move to Center Position, Recommended Torque: 3-4 N·m  
Note: Screw only needs to engage, do not fully tighten yet

H



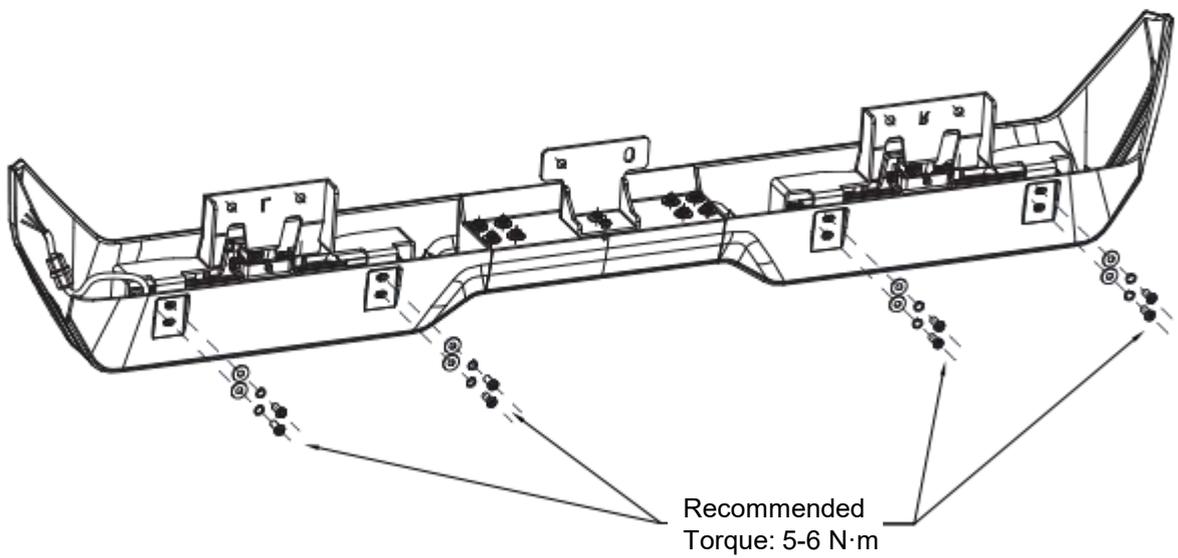
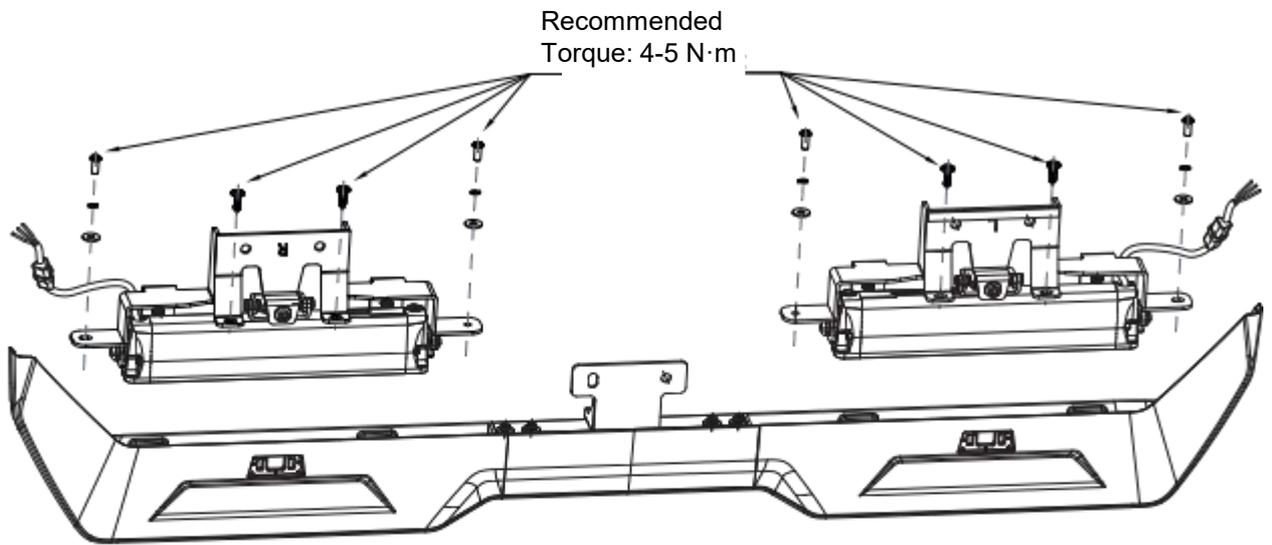
# 6

1. Pre-assemble the spotlight with the front wing decoration bracket. Fit screws on both sides without fully tightening.
2. Screw the spotlight angle adjustment screw into the installed spotlight adjustment kit from Step 5.
3. Tighten the screws on both sides of the spotlight adjustment kit.



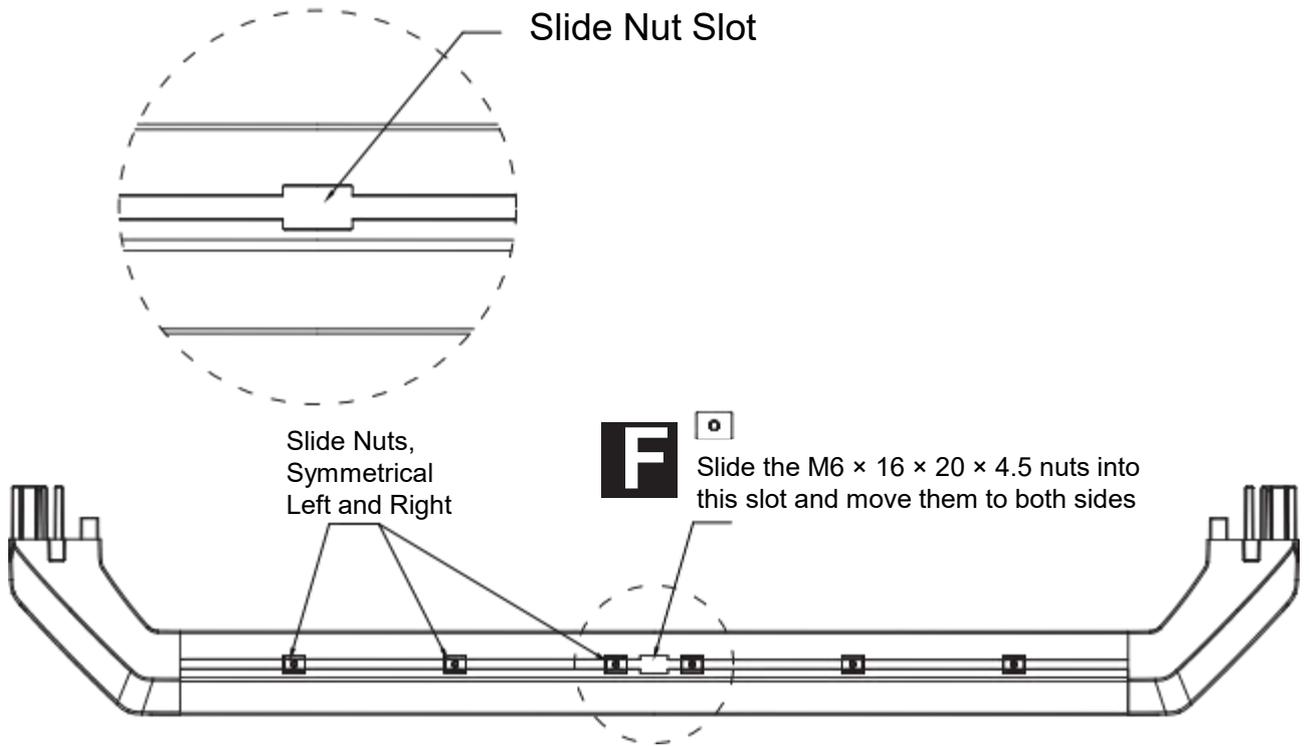
# 7

Reinstall the screws removed in Step 3 and fully tighten them



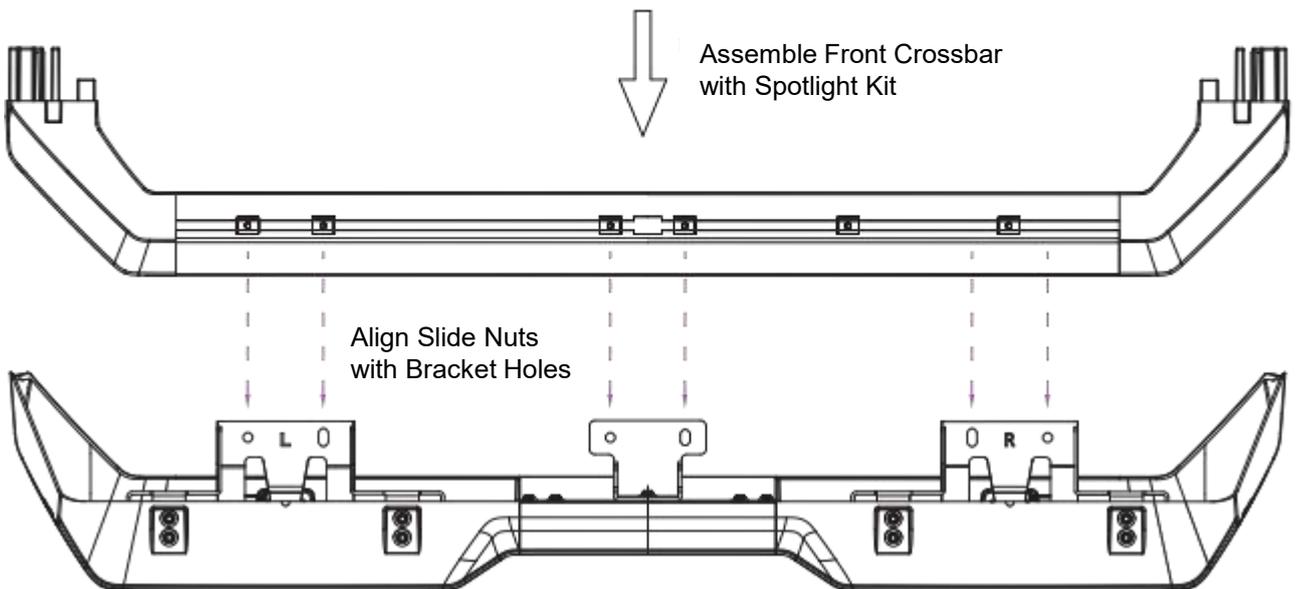
8

**F** Slide the M6 × 16 × 20 × 4.5 slide nuts into the slots under the front crossbar, three on each side



9

Align the front wing decoration kit with the front crossbar and slide the nuts into the corresponding bracket holes



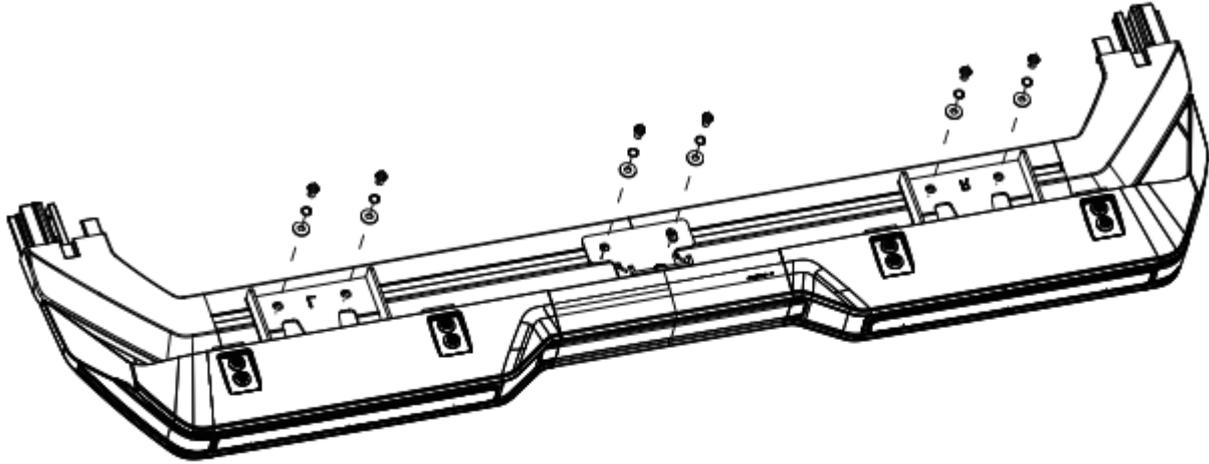
10

Tighten with M6 × 12 Hex Socket Button Head Screws and the slide nuts in the front crossbar slots. Installation complete. Recommended Torque: 5-6 N·m

E

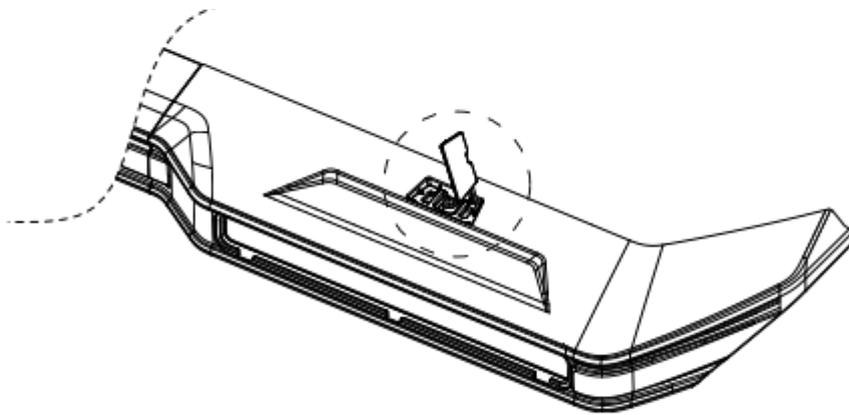


M6 × 12 Hex Socket Button Head Screws Set (Includes: M6 Screws, Flat Washers, Spring Washers)



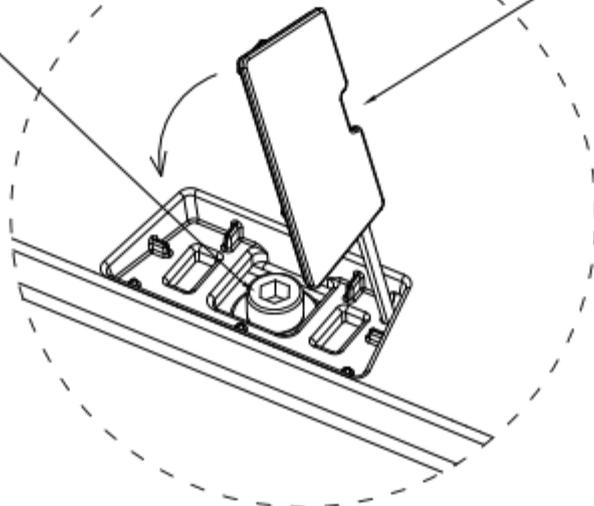
11

Pry open the dimmer cover at the edge notch and adjust the spotlight angle using a Phillips screwdriver



Pry Open the Dimmer Cover at the Edge Notch

Turn this screw to adjust the spotlight to the desired angle

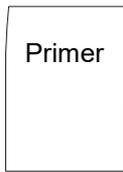


# 12

## Secure Wiring Locate the Following Parts



**M** X10



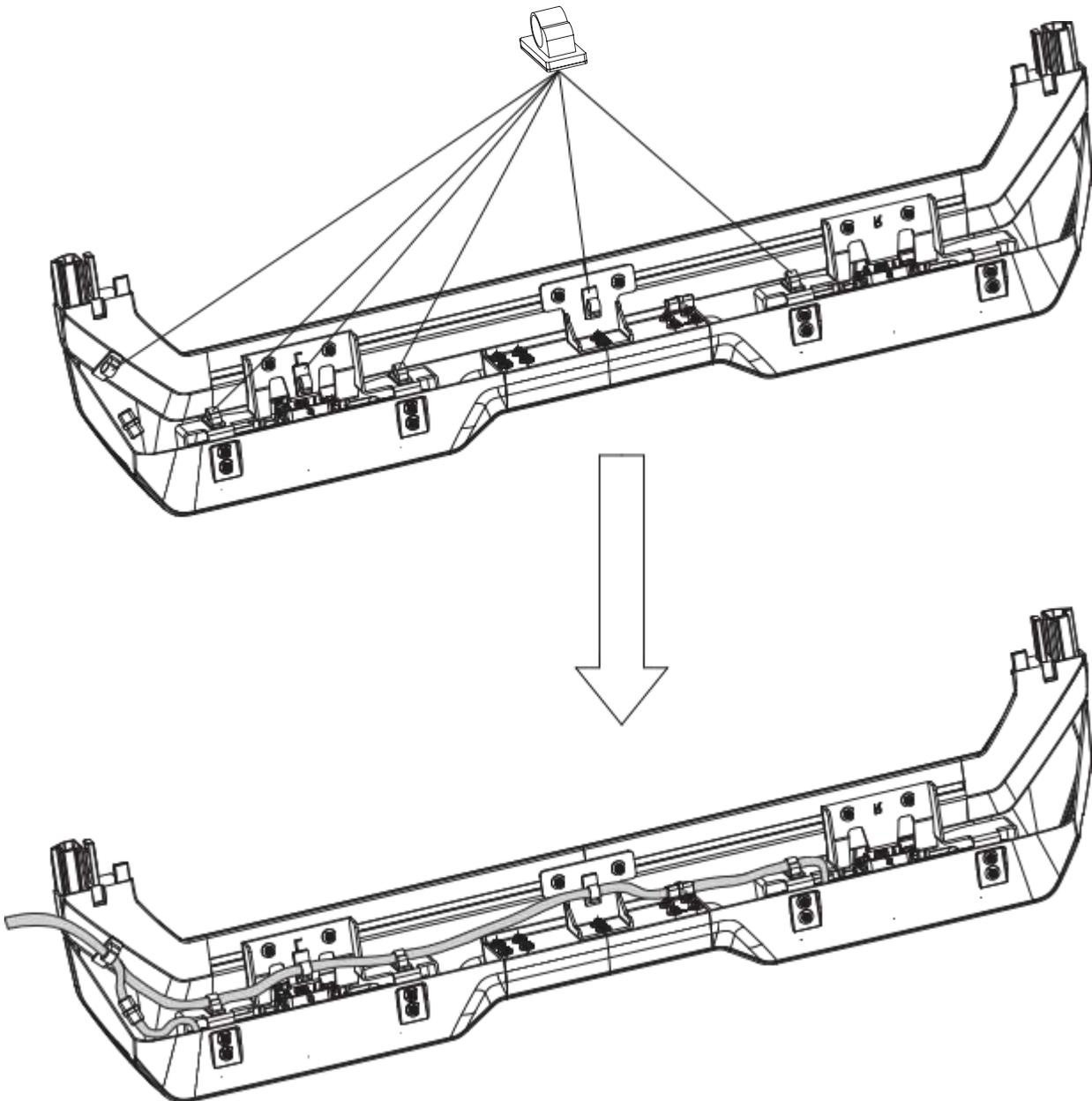
**P** X2



**Q** X10

### Installation Instructions

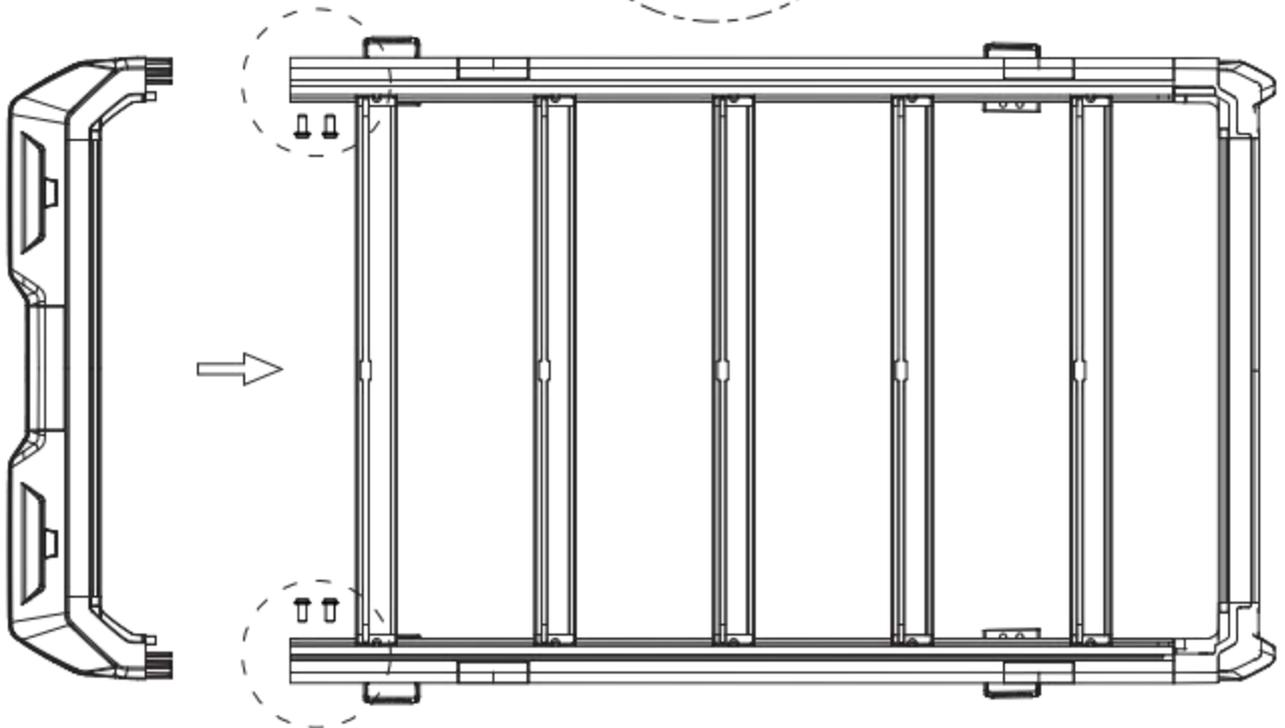
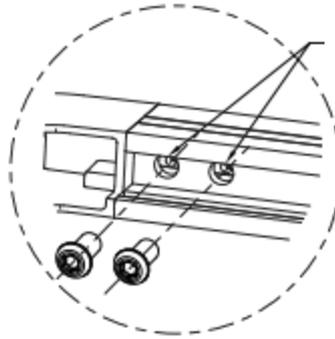
1. Identify the clip positions on the front spotlight and apply primer evenly to the adhesive areas.
2. Once the primer is slightly dry, firmly attach the clips to the spotlight.
3. After securing the clips, organize and secure the wiring.
4. Use zip ties to tidy and fasten the harness, ensuring neat and stable wiring.



13

Connect the assembled front crossbar and front wing decoration kit to the roof rack frame and secure with screws. Installation complete.

Tighten Two Screws on Each Front Corner  
Recommended Torque: 8-9 N·m



Installation Complete

