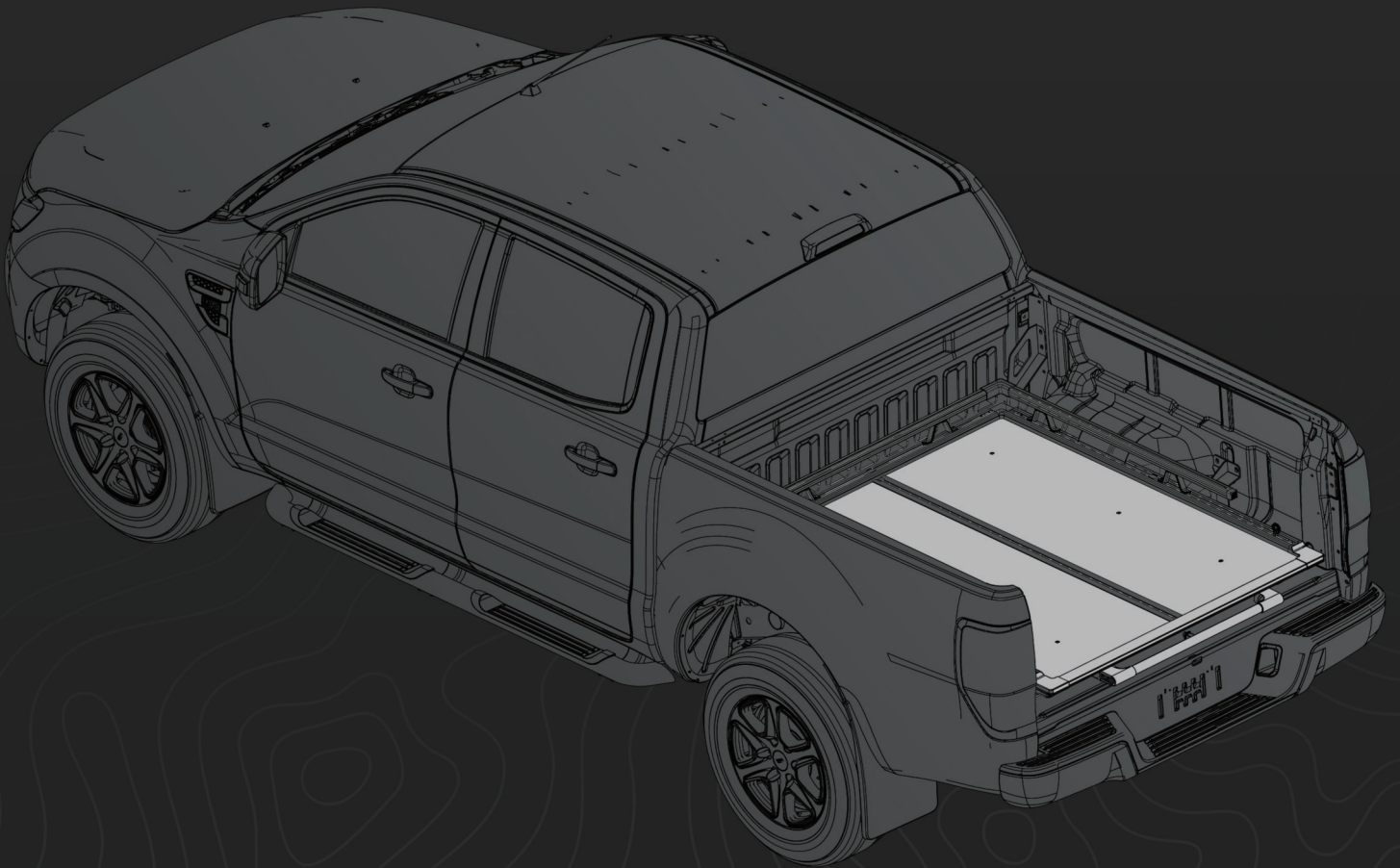


TRUCK BED SLIDE

(External Tactical Panel, Three-Door Design)

INSTRUCTION GUIDE ▶▶





- Prepare a clean working area.
- We recommend a minimum of 2 personnel for assembly, and a minimum of 4 personnel for installation.
- Ensure all required tools are available and all accessories have been inventoried.
- Never use acetone or thinners on painted components.
- Please read through this entire installation manual and strictly follow the procedures before starting operation.
- Perform the following steps with caution to avoid damage to components or the vehicle.

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01	Installation Instructions and Safety Precautions	01
02	Required Installation Tools	02
03	Parts List	02
04	Tray Assembly Procedures	05
05	Vehicle Installation Procedures	12
06	Post-Assembly Inspection & Maintenance	20
07	Troubleshooting of Common Faults	21

■ PACKAGING AND COMPONENT OVERVIEW

- This product adopts modular split packaging, with a total of 2 separate packages. After unpacking, please first check the integrity of the packaging, and then confirm that all components are complete and free of damage such as bumps, deformation, and scratches against the table below. If any parts are missing or damaged, please contact after-sales service immediately.
- Main Package: Tray lower rail, tray upper rail, panel assembly, railing assembly (core functional components, do not disassemble violently)
- Separate Accessory Package: Truck bed mounting brackets, complete set of standard fastener kit (including all screws, nuts, flat washers, spring washers and other small accessories)

■ CORE SAFETY RULES

- Prior to installation operations, the vehicle must be parked on a flat and solid ground, with the handbrake engaged, engine turned off and power disconnected, to avoid safety accidents caused by vehicle slippage.
- During installation, do not completely remove the original vehicle bolts; only loosen them to a gap that can accommodate the thickness of the bracket, to prevent the bolts from falling into the gap of the truck bed and getting lost or causing vehicle malfunctions.
- All fasteners must be installed according to their corresponding specifications. It is strictly prohibited to mix screws of different specifications, and forcibly tighten misaligned holes, so as to avoid thread slipping and component deformation or damage.
- Tray installation, removal, push and pull operations must be completed with 2 people cooperating. Violent operation by a single person is strictly prohibited, to prevent personal injury or product damage caused by tray tipping or falling.
- The bracket structure and mounting hole positions vary for different vehicle models. Please strictly follow the exclusive installation drawings for the corresponding vehicle model. Do not forcibly install on non-adapted vehicle models.

■ GENERAL INSTALLATION PRINCIPLES

- To avoid rework, the entire installation process shall follow the core principle of pre-tighten first, adjust second, and final lock at last.
- In a single operation, first lightly tighten all screws (allowing slight position adjustment). After the component position and clearance are adjusted in place, uniformly tighten all screws in a diagonal sequence. Do not fully tighten screws unilaterally at one time.

■ VEHICLE AND INSTALLATION ENVIRONMENT PREPARATION

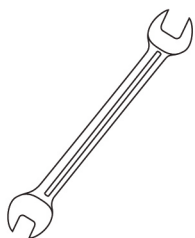
- Clear all debris inside the truck bed, ensure the truck bed floor is clean and free of raised foreign objects, and the original vehicle mounting holes are unobstructed and free of rust.
- Confirm that the original vehicle truck bed floor bolts are intact, free of thread slipping and deformation. If damaged, please replace the original vehicle bolts before installation.

■ POST-INSTALLATION INSPECTION

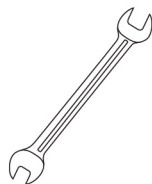
- After assembly, inspect fasteners, alignment clearance, sliding performance, and appearance item by item to ensure no looseness, jamming, or deformation.
- Regularly recheck and retighten fasteners, clean and lubricate sliding components, and provide good protection to prevent component rust, aging and failure.
- For faults such as tray jamming, looseness, and unlocking failure, priority shall be given to checking alignment, fastening, lubrication, and accessory specifications.

■ DISCLAIMER

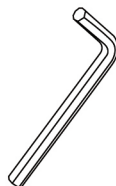
- The manufacturer shall not be liable for any damage, personal injury or property loss resulting from installation, use or maintenance that fails to comply with the provisions of this manual. This manual is subject to update without prior notice; please contact your local dealer for the latest updates.



13mm
External Hex Wrench



10mm
External Hex Wrench ×2



5mm
Hex Allen Wrench



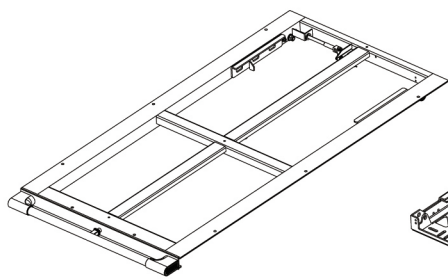
3mm
Hex Allen Wrench



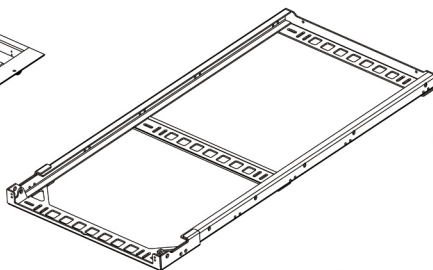
2mm
Hex Allen Wrench

■ Main Components

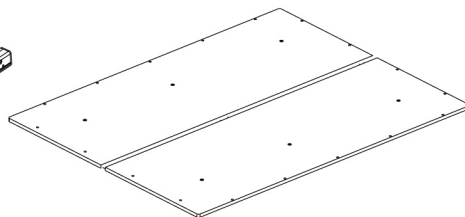
1 Upper Rail Assembly



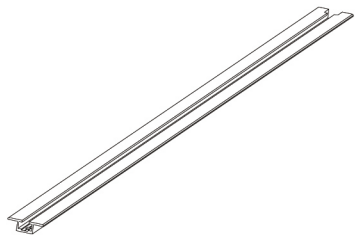
2 Lower Rail Assembly



3 Panel Assembly



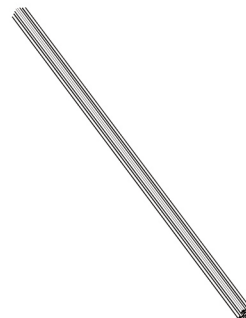
4 Panel Middle Seam Batten



5 Upper Crossbar Left & Right Profiles ×2



6 Railing Left & Right Connecting Profiles



7 Panel Front Edge Banding



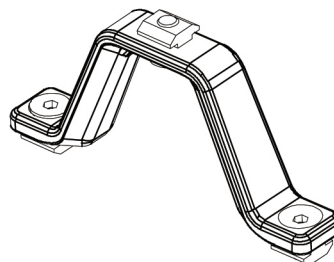
8 Panel Rear Rail



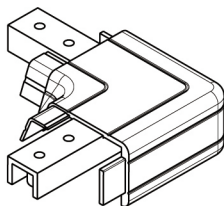
9 Panel Left & Right Profiles x2



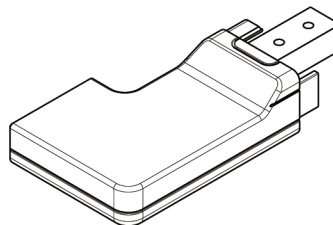
10 Railing Mounting Brackets x6



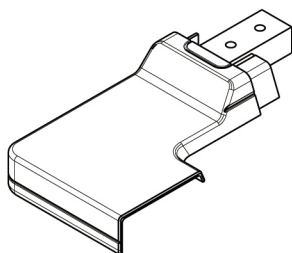
11 Panel Rear End Caps x2



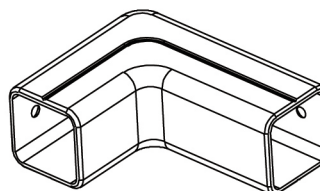
12 Panel Right End Cap



13 Panel Left End Cap



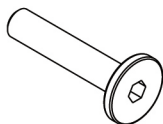
14 Upper Railing End Tips x2



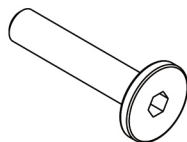
■ Fasteners & Accessories

M5*25

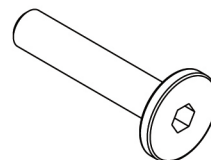
Pan Head Screws

**M6*30**

Pan Head Screws

**M8*30**

Pan Head Screws

**M5*25**

Hex Bolts

**M6*30**

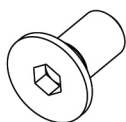
Hex Bolts

**M8*30**

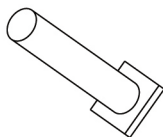
Hex Bolts

**M8*16**

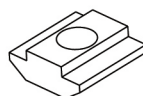
Screws

**M6**

Square Head Screws

**M8*16**

Slide Square Nuts

**M6**

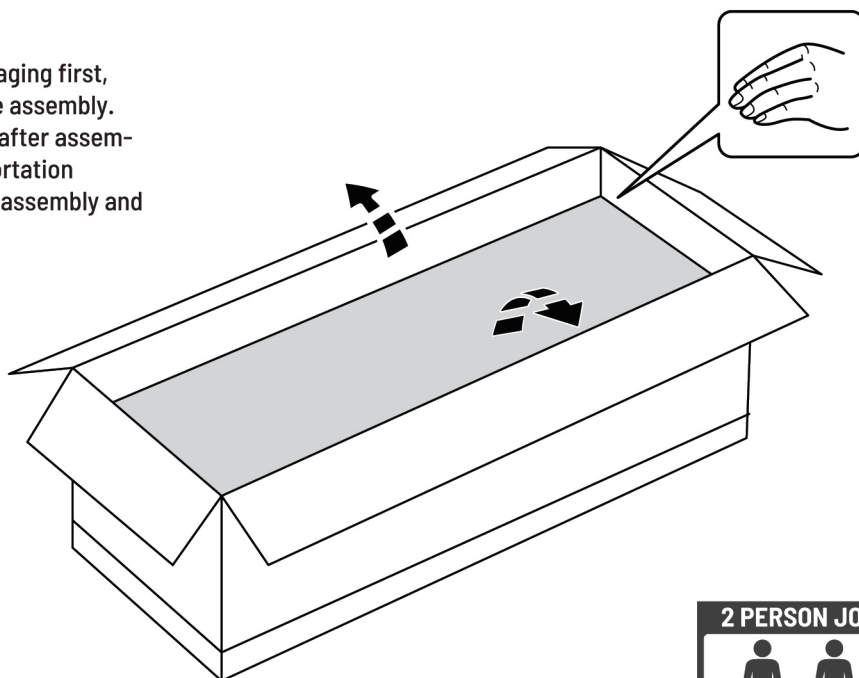
Sealing Rings



04 INSTALLATION STEPS

STEP 1

- Please remove all panels from the packaging first, and inspect the painted surfaces before assembly. We will not accept any warranty claims after assembly. If manufacturing defects or transportation damage are found, do not proceed with assembly and contact us immediately.

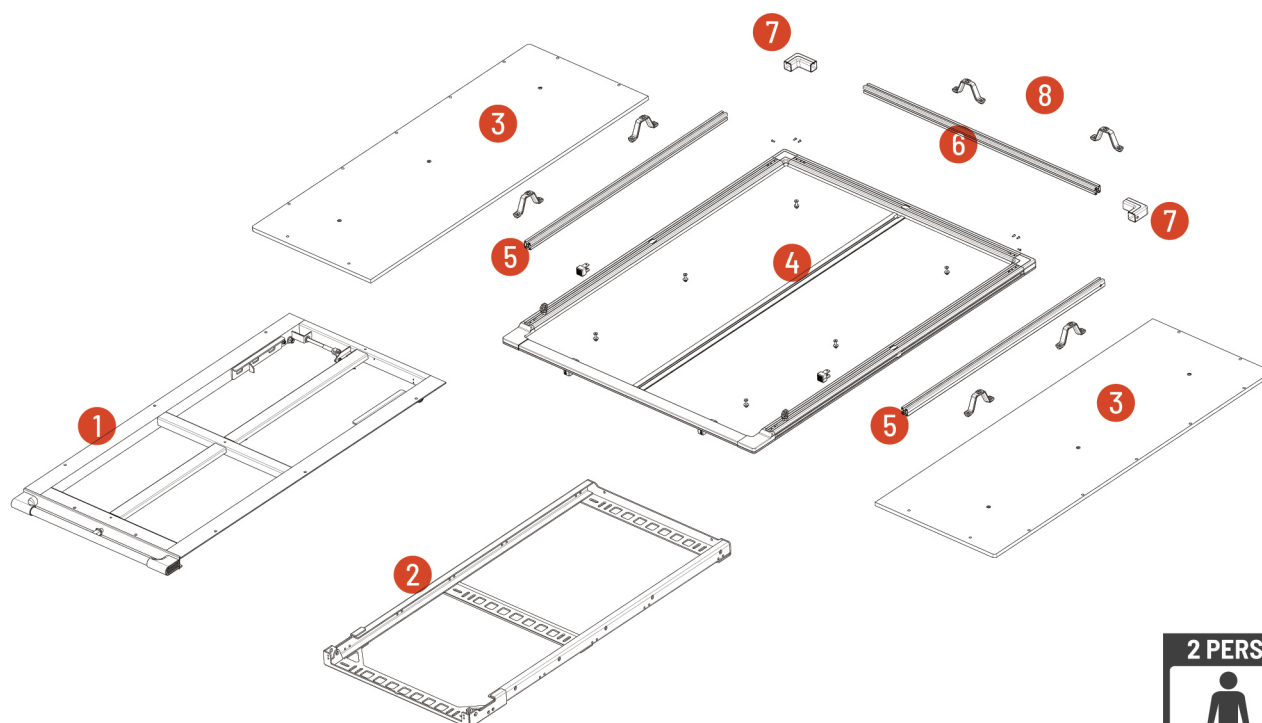


2 PERSON JOB



STEP 2

- Lay all components flat at the designated positions to prepare for installation.



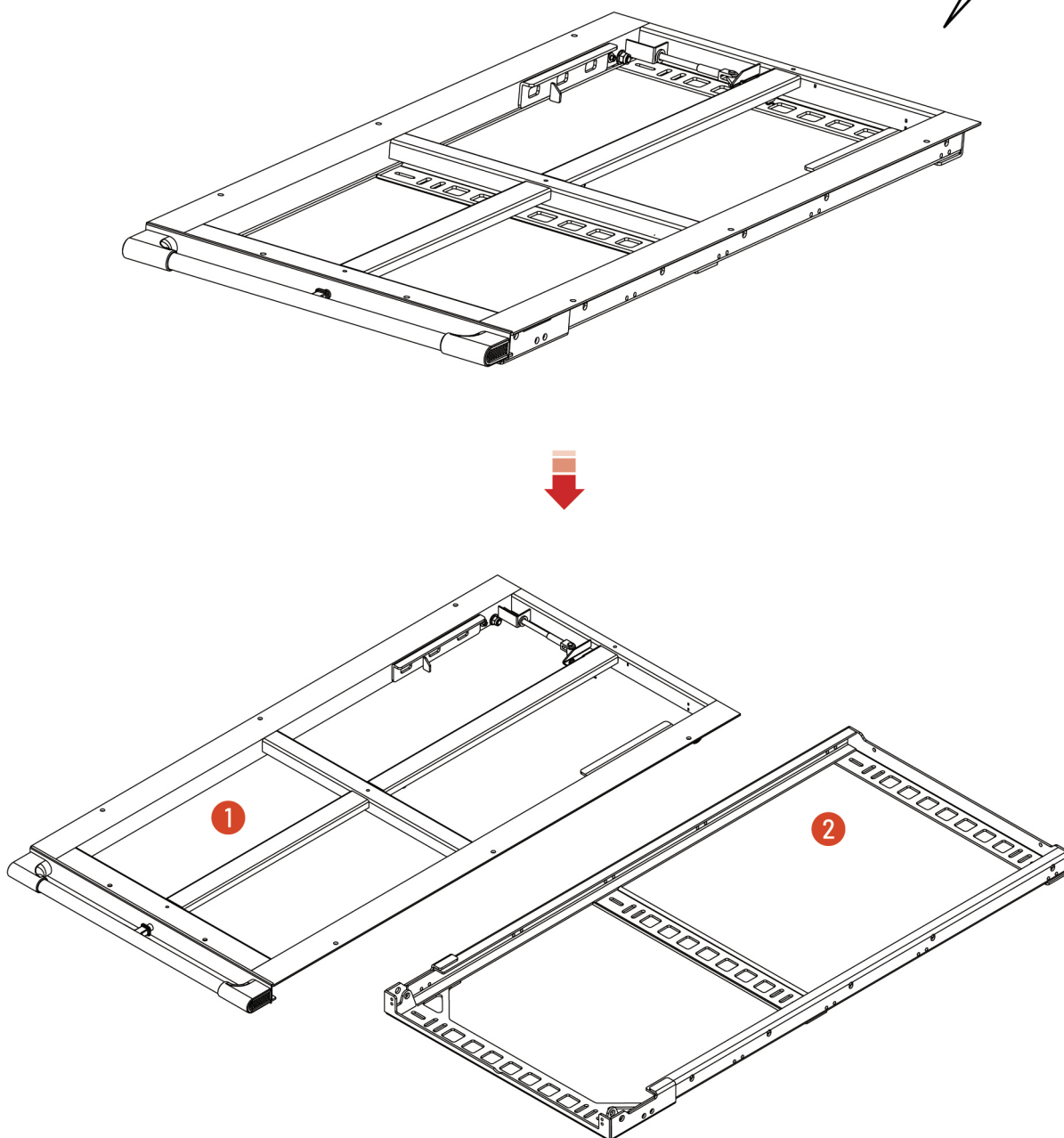
2 PERSON JOB



STEP 3

➤ Separate Upper and Lower Tray Rails

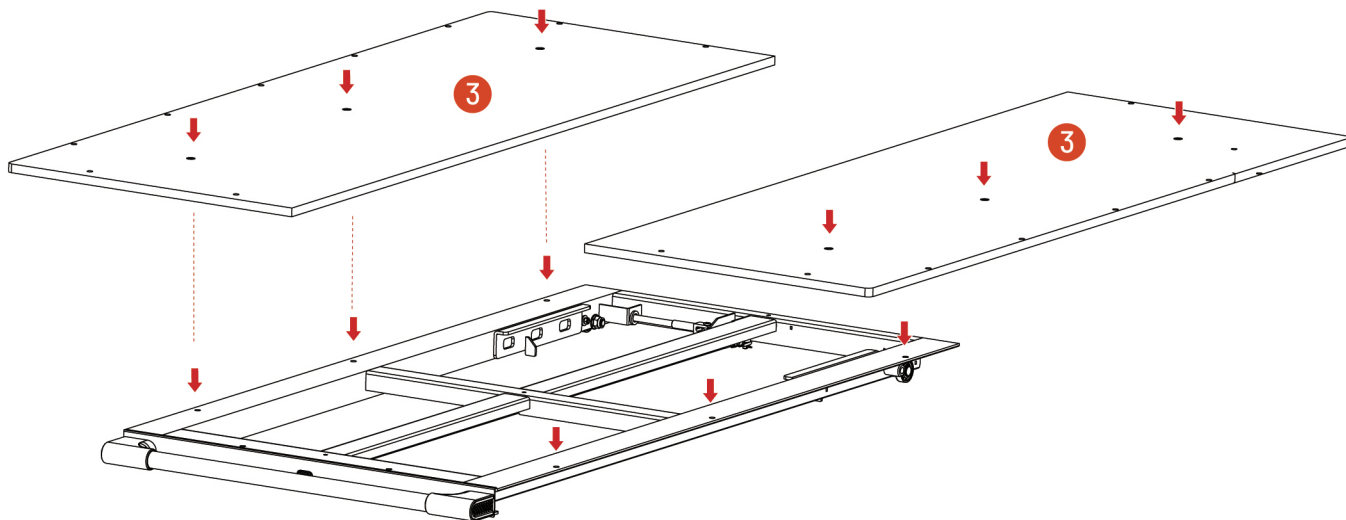
01 Separate the upper and lower rails to facilitate installation;



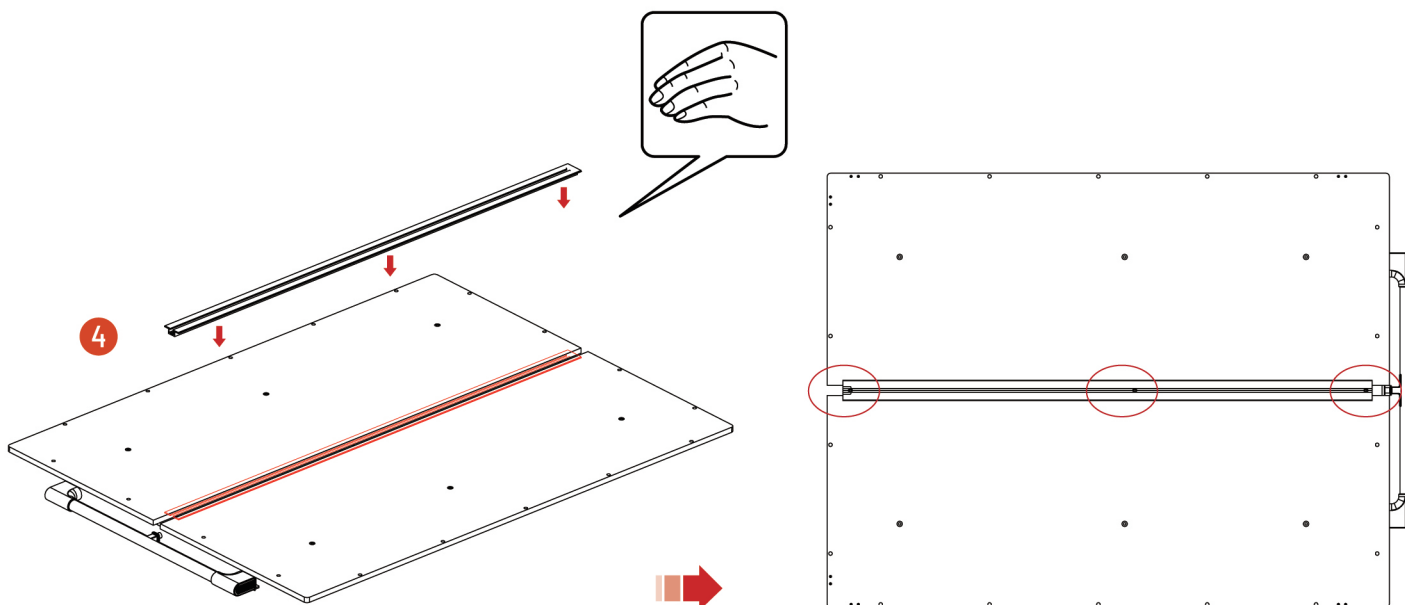
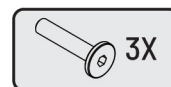
STEP 4

➤ Panel and Frame Assembly

01 Place Panel A and Panel B on the upper rail frame and align the hole positions;



02 Place the batten in the middle of the two panels, and pre-tighten the M5×16 button head hex socket screws for the profile batten;



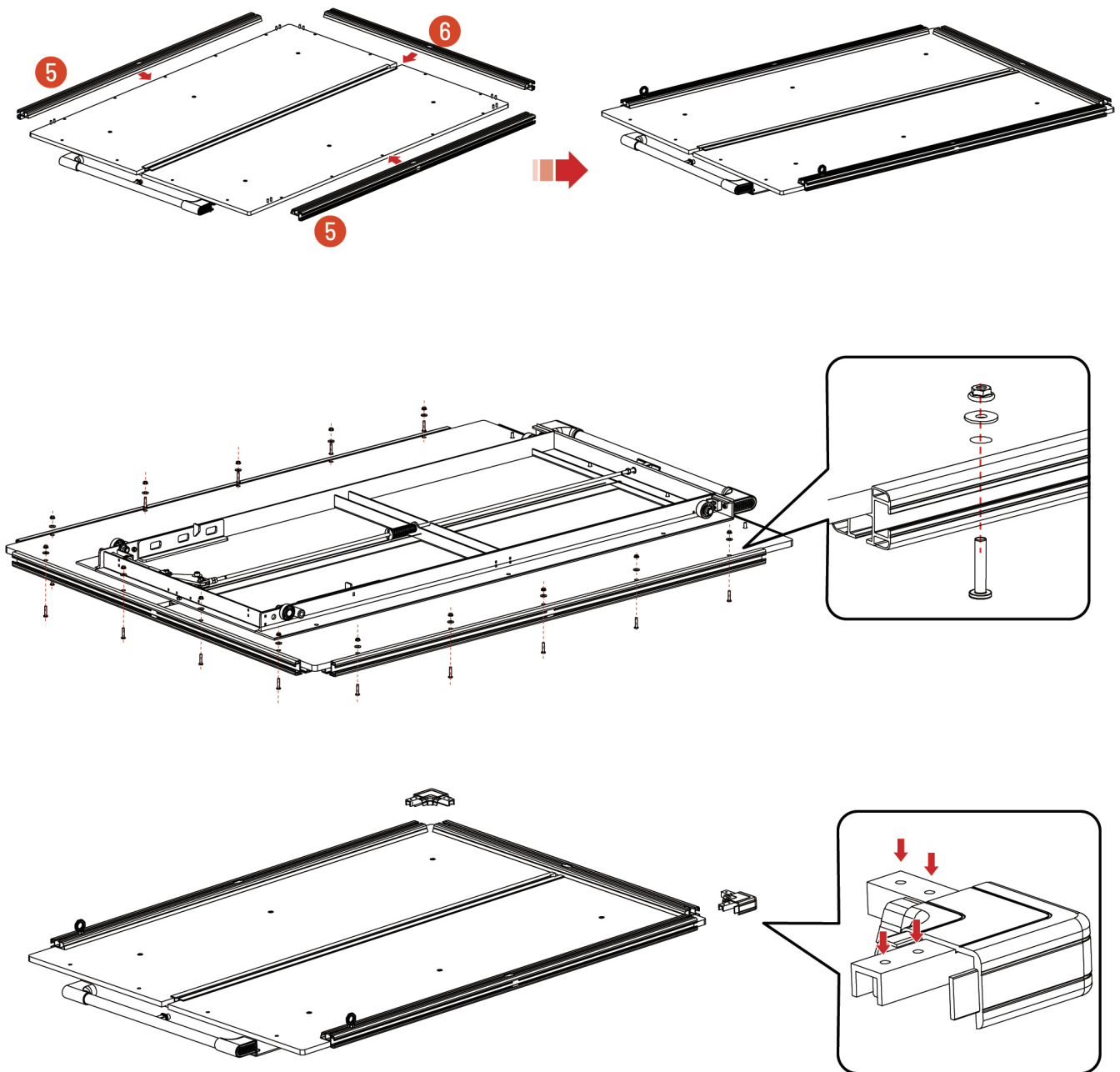
STEP 5



➤ Install Frame Profiles

01 Place the left, right and rear frame profiles on Panel A and Panel B, align the hole positions, pre-tighten and install M6×30 pan head screws and M6 nuts, with large gaskets on the panel side;

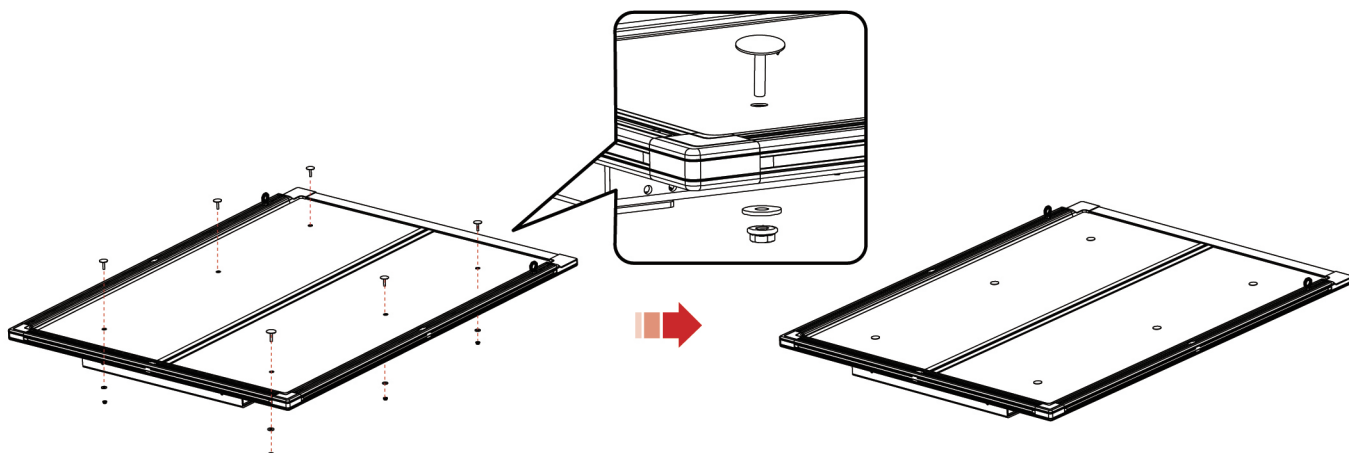
02 Loosen the corner screws, insert the 4 corners into the frame profiles, and then pre-tighten the screws on the corners;



STEP 6

➤ Secure the Panel

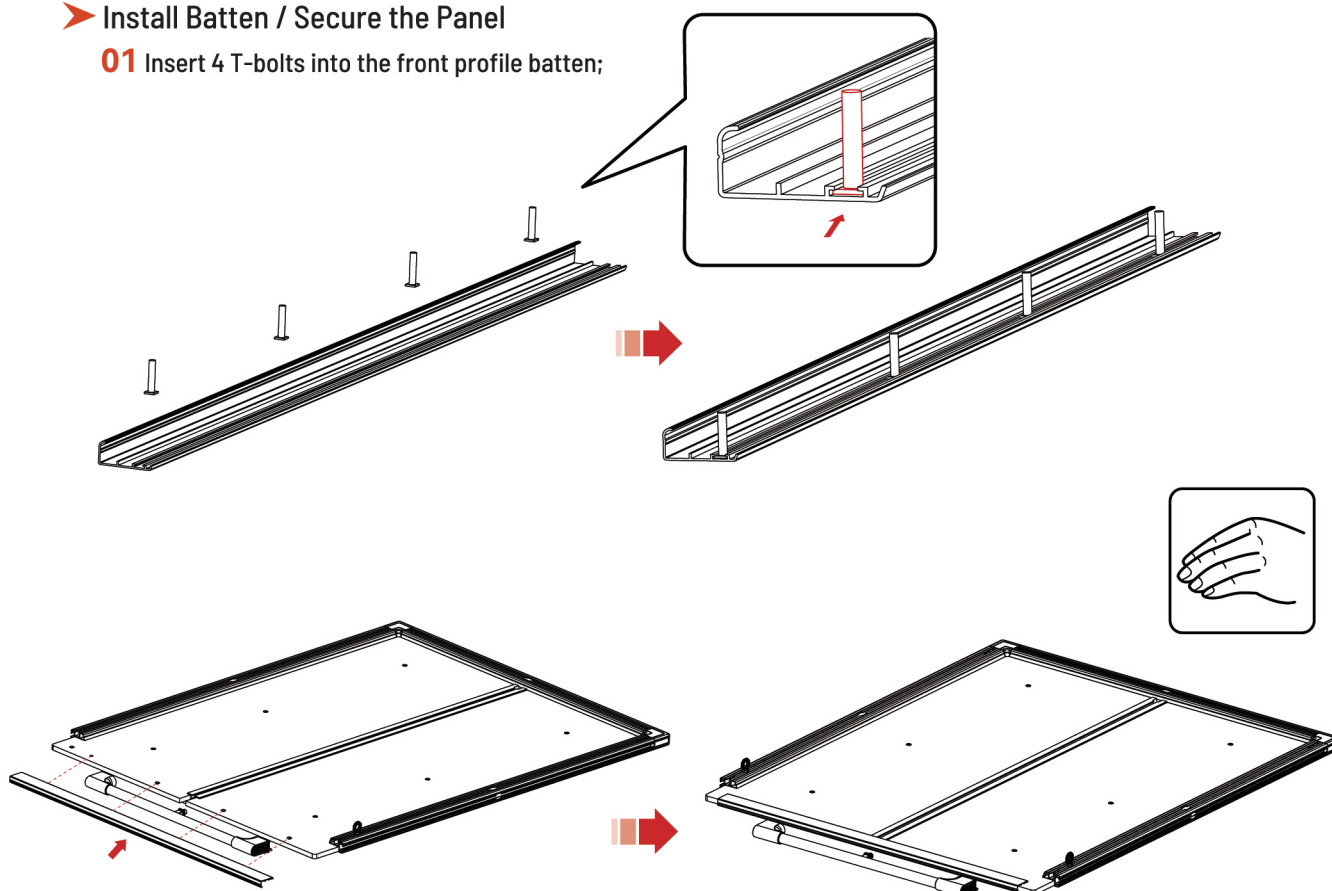
01 Install the panel with panel fixing bolts and pre-tighten.



STEP 7

➤ Install Batten / Secure the Panel

01 Insert 4 T-bolts into the front profile batten;



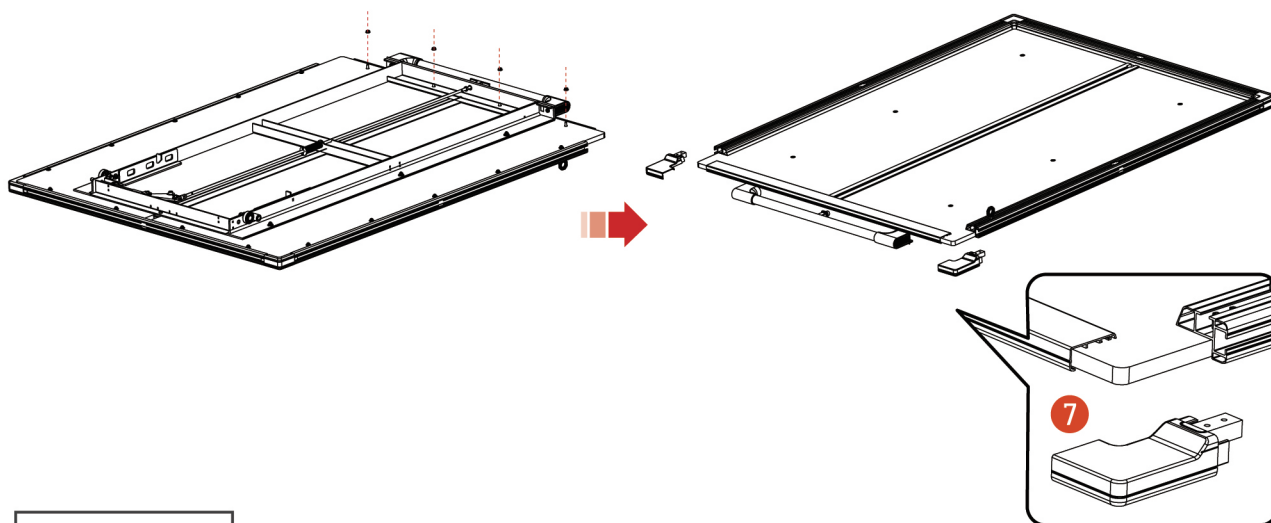
STEP 7

 4X

➤ Install Batten / Secure the Panel

02 Install the front profile batten with T-bolts inserted to the panel, and pre-tighten the mounting nuts;

03 Loosen the front left and right corner bolts, insert the front left and right corners, and pre-tighten the screws on the corners;



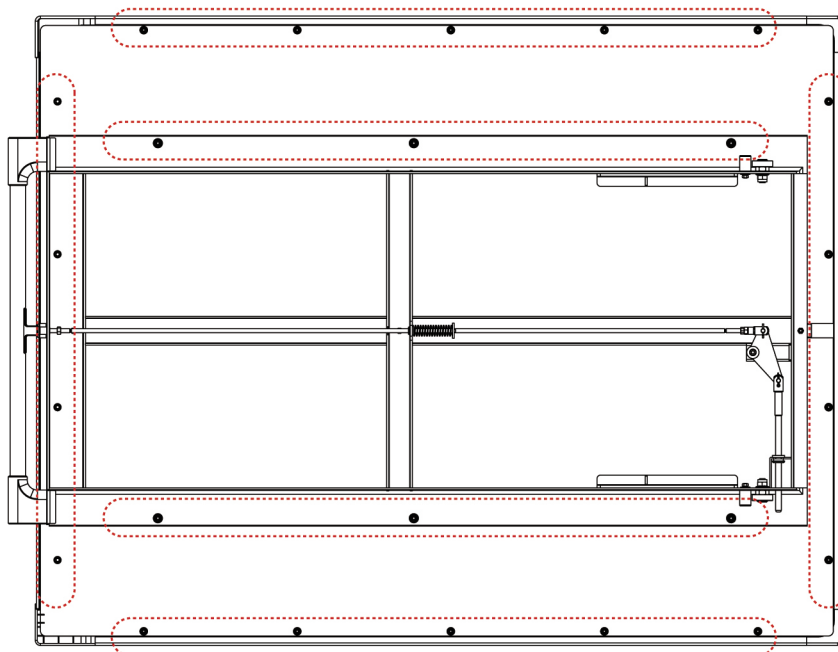
STEP 8

➤ Secure the Panel

01 Install the front profile batten with T-bolts inserted to the panel, and pre-tighten the mounting nuts;

02 Loosen the front left and right corner bolts, insert the front left and right corners, and pre-tighten the screws on the corners;

 26X  26X



STEP 9



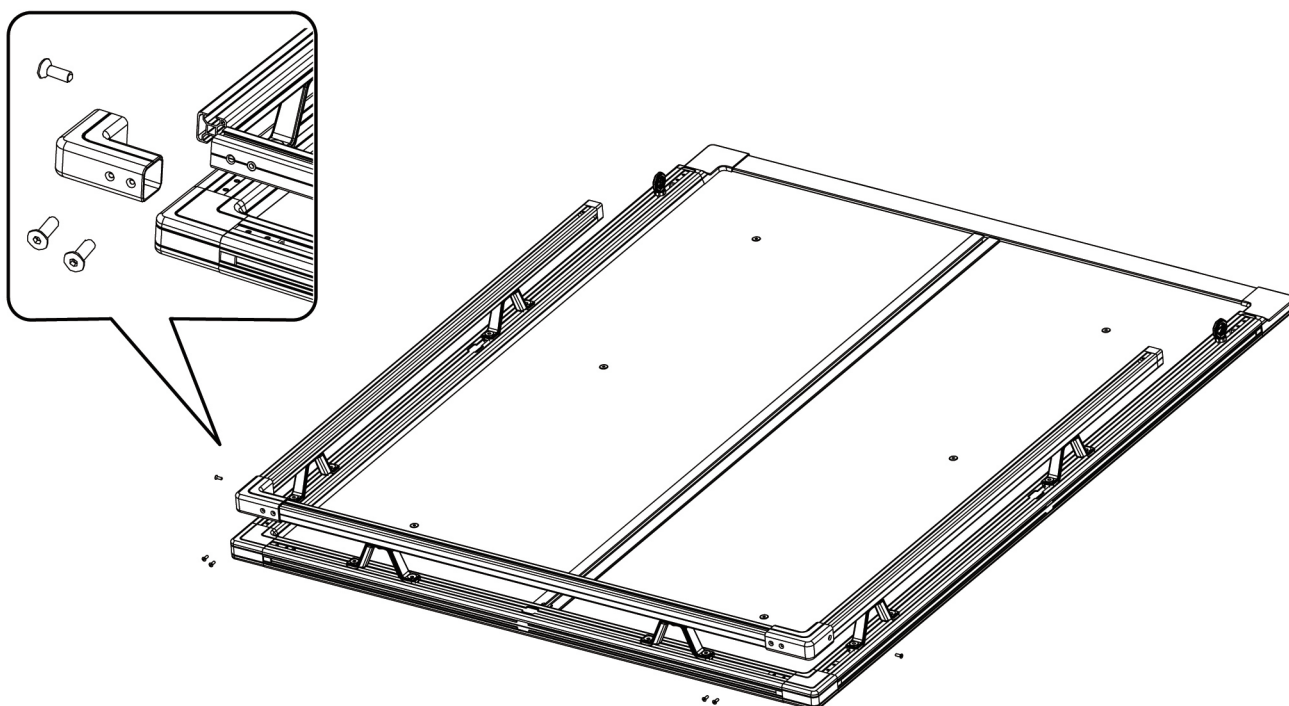
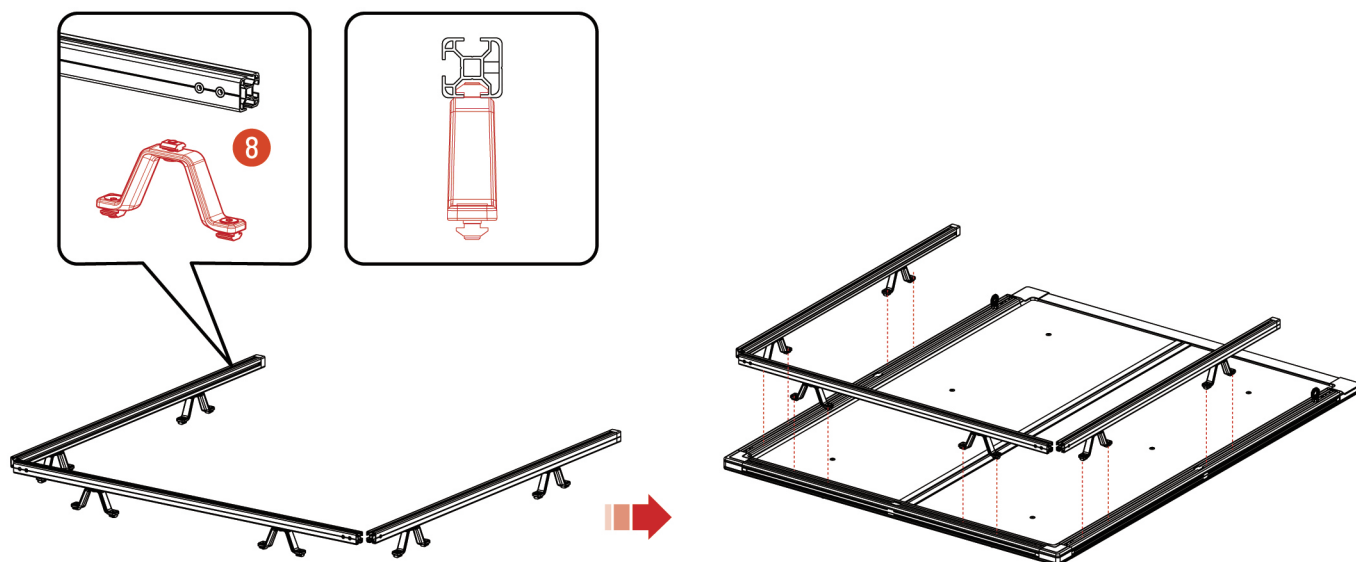
6X



6X

➤ Install the Upper Railing

- 01** Slide the upper part of the railing bracket into the three upper profiles;
- 02** Slide the lower part of the railing bracket into the lower left, right and rear profiles;
- 03** Install the upper profile corners: first loosen the corner screws, insert into the profiles, and then pre-tighten the corner screws;
- 04** Tighten all bolts on the brackets and corners;
- 05** Install the railing corner plastic parts with M4×12 countersunk hex socket screws;

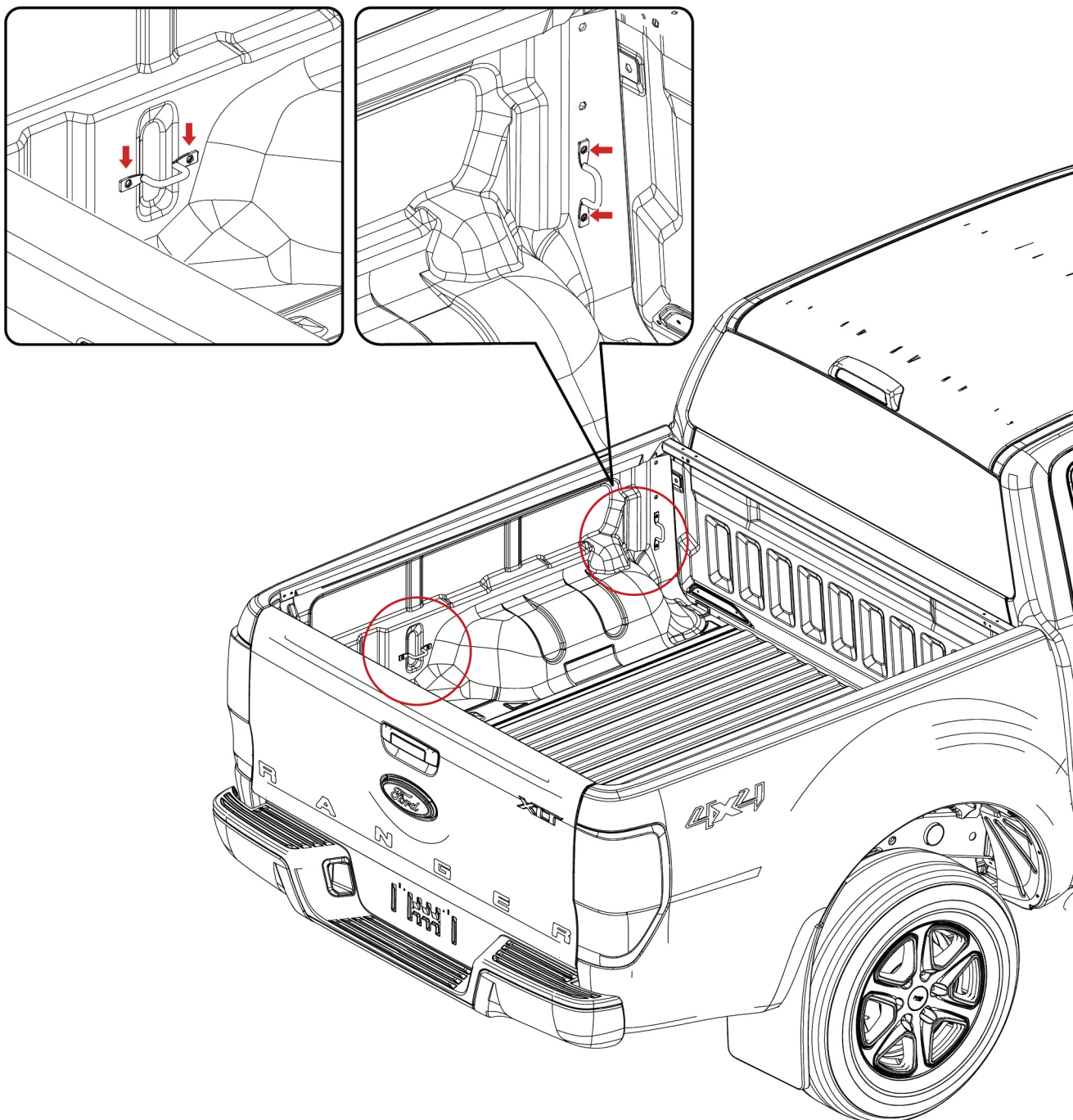


STEP 10



➤ Type A Truck Bed Assembly

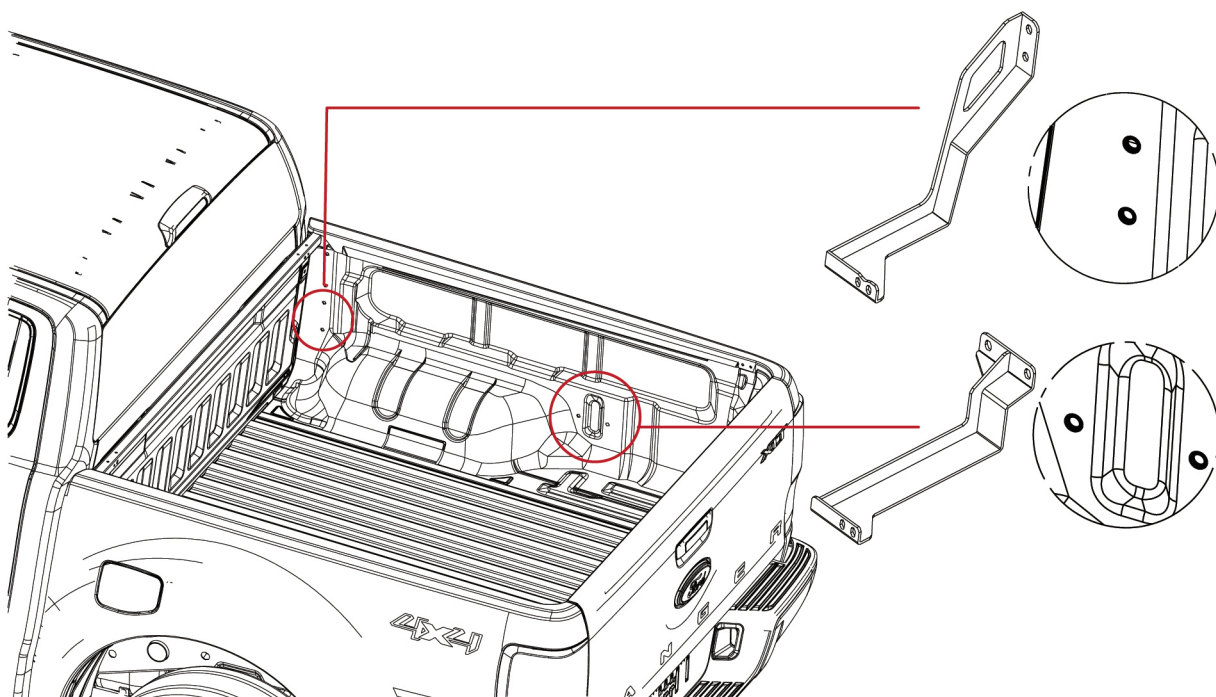
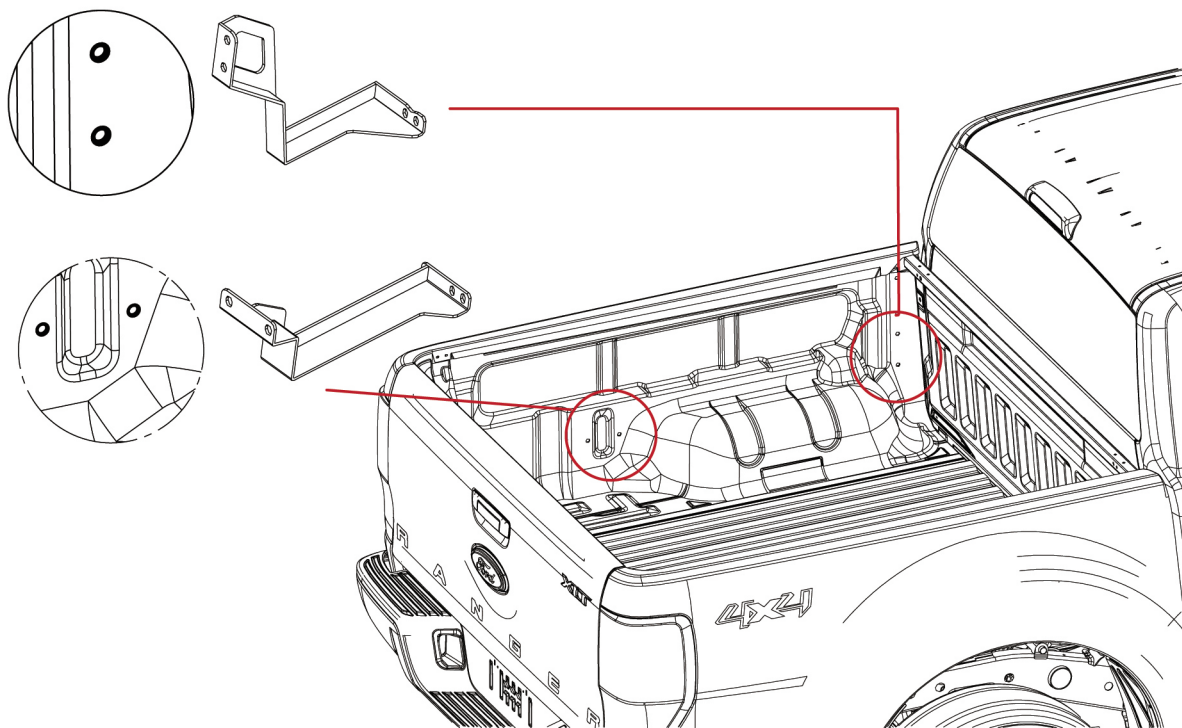
01 Loosen the original vehicle bracket bolts and remove the original vehicle brackets as shown in the figure.



STEP 10

➤ Type A Truck Bed Assembly

02 Install the lower rail connecting brackets to the corresponding positions of the truck bed with the original vehicle bolts, 4 positions on the left and right sides in total, as shown in the figure.

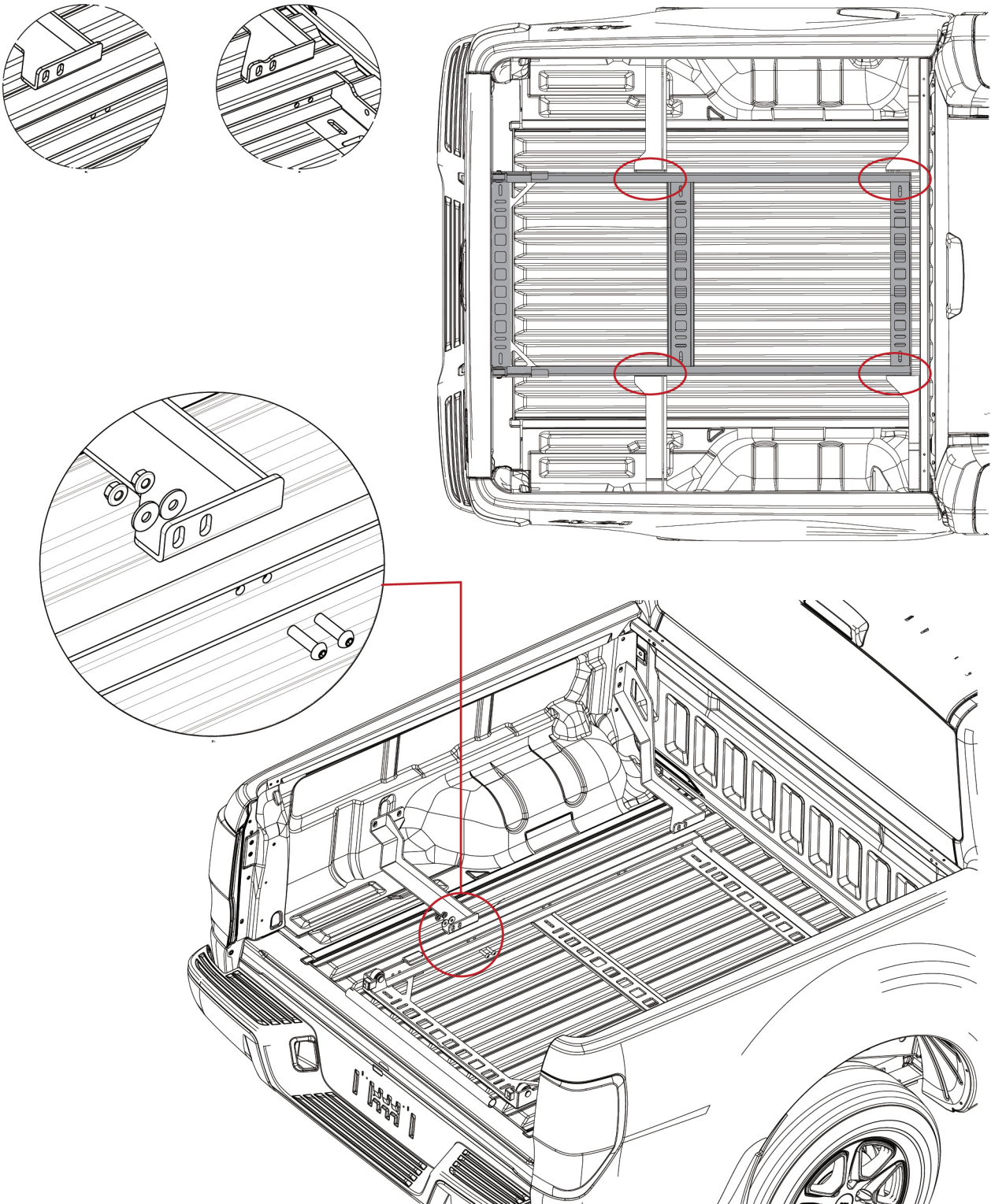


STEP 10

➤ Type A Truck Bed Assembly

03 Each bracket requires 2 sets of screws, and a total of 12 sets need to be prepared;

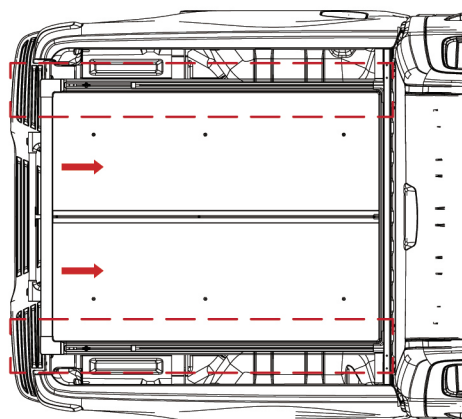
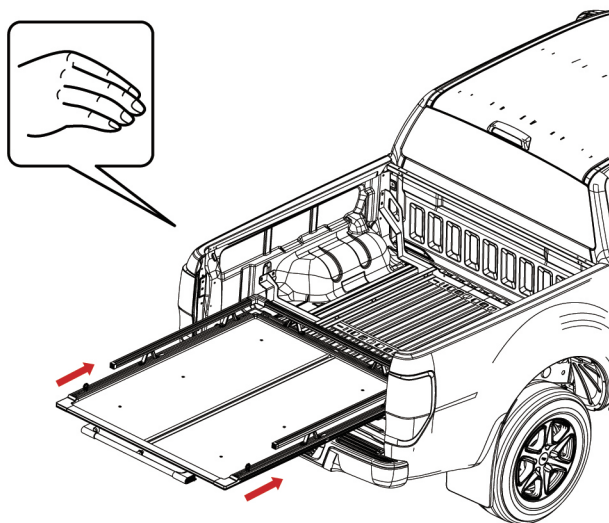
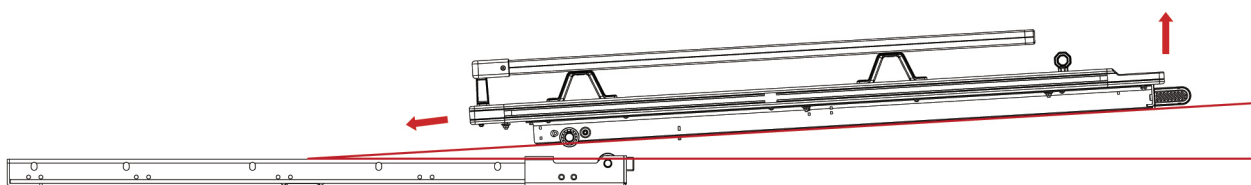
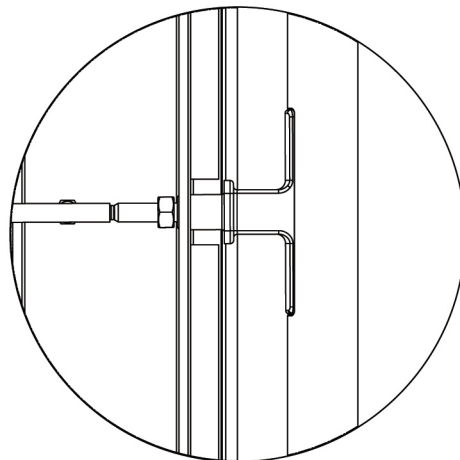
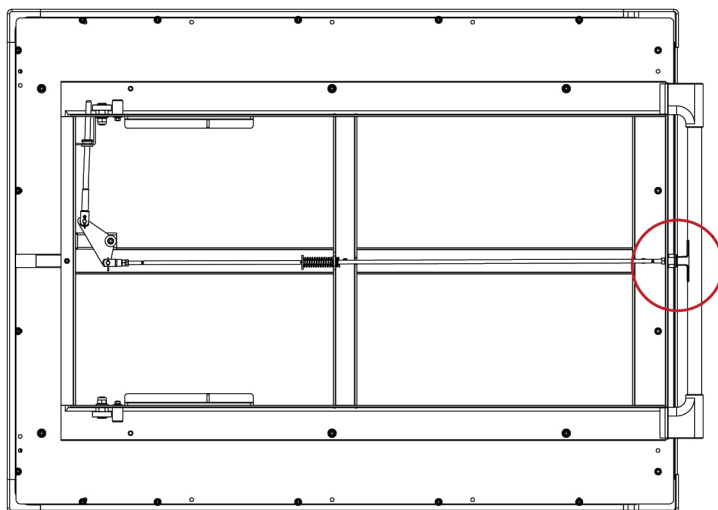
The brackets are connected to the tray lower rail with M8×30 pan head hex socket screws, and locked with large flat washers, spring washers and hex nuts.



STEP 10

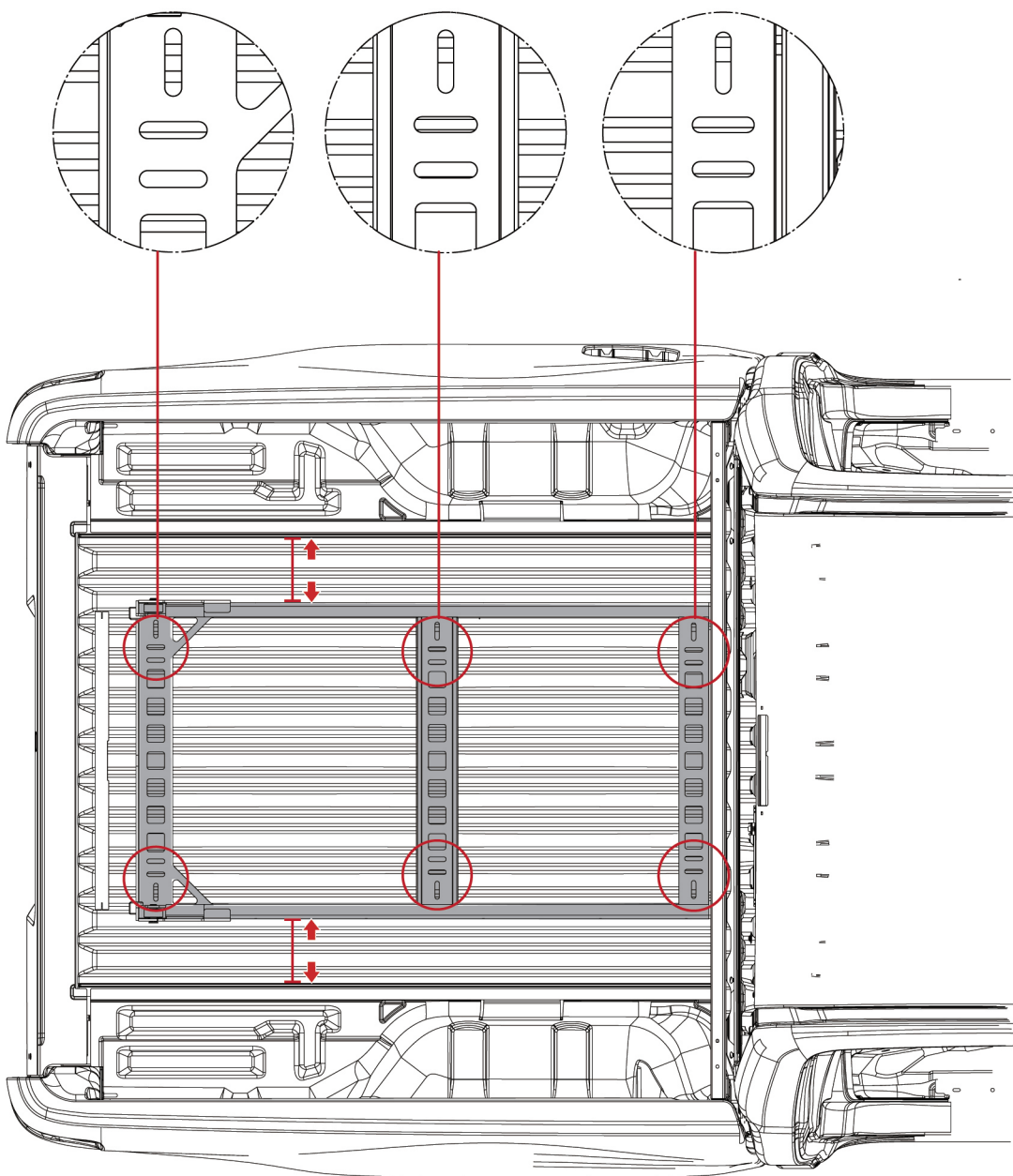
➤ Type A Truck Bed Assembly

04 Pull the handle of the upper rail assembly to the position shown in the figure, align the bearing with the mounting groove, install the upper rail assembly into the lower rail assembly at an angle, and the tray installation into the truck bed is completed.



STEP 10**➤ Type B Truck Bed Assembly**

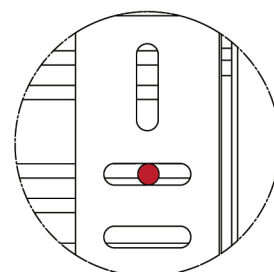
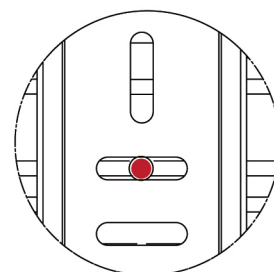
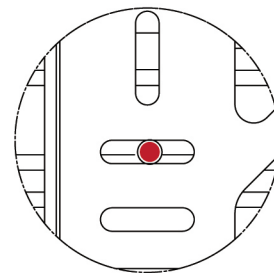
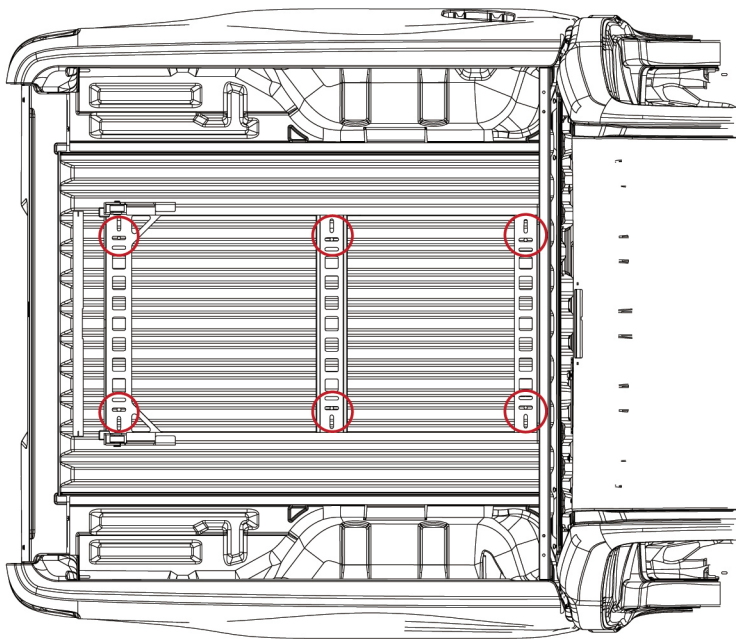
01 Place the lower rail at the suitable installation position of the truck bed, mark the center of the hole positions as shown in the figure, left-right symmetrical, 6 positions in total;



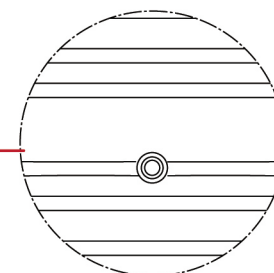
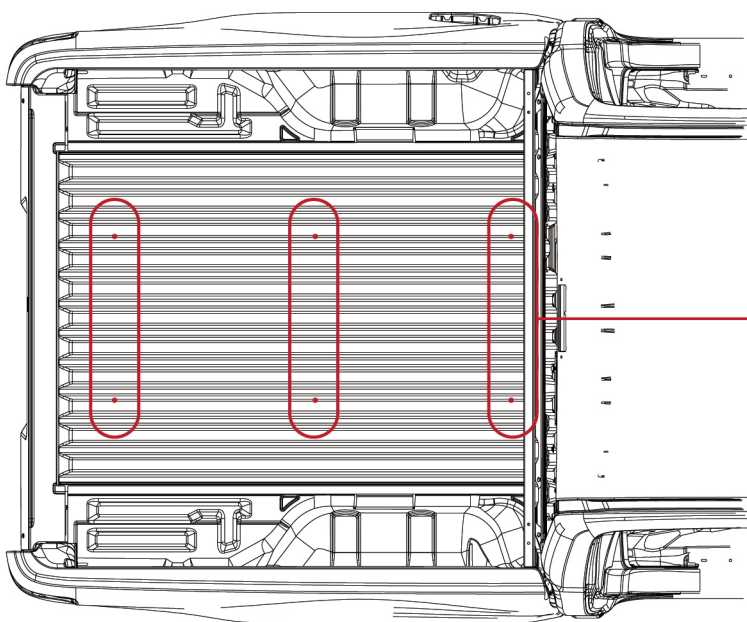
STEP 10

➤ Type B Truck Bed Assembly

02 Based on the marked positions, drill round holes with a diameter of 11mm, left-right symmetrical, 6 holes in total;



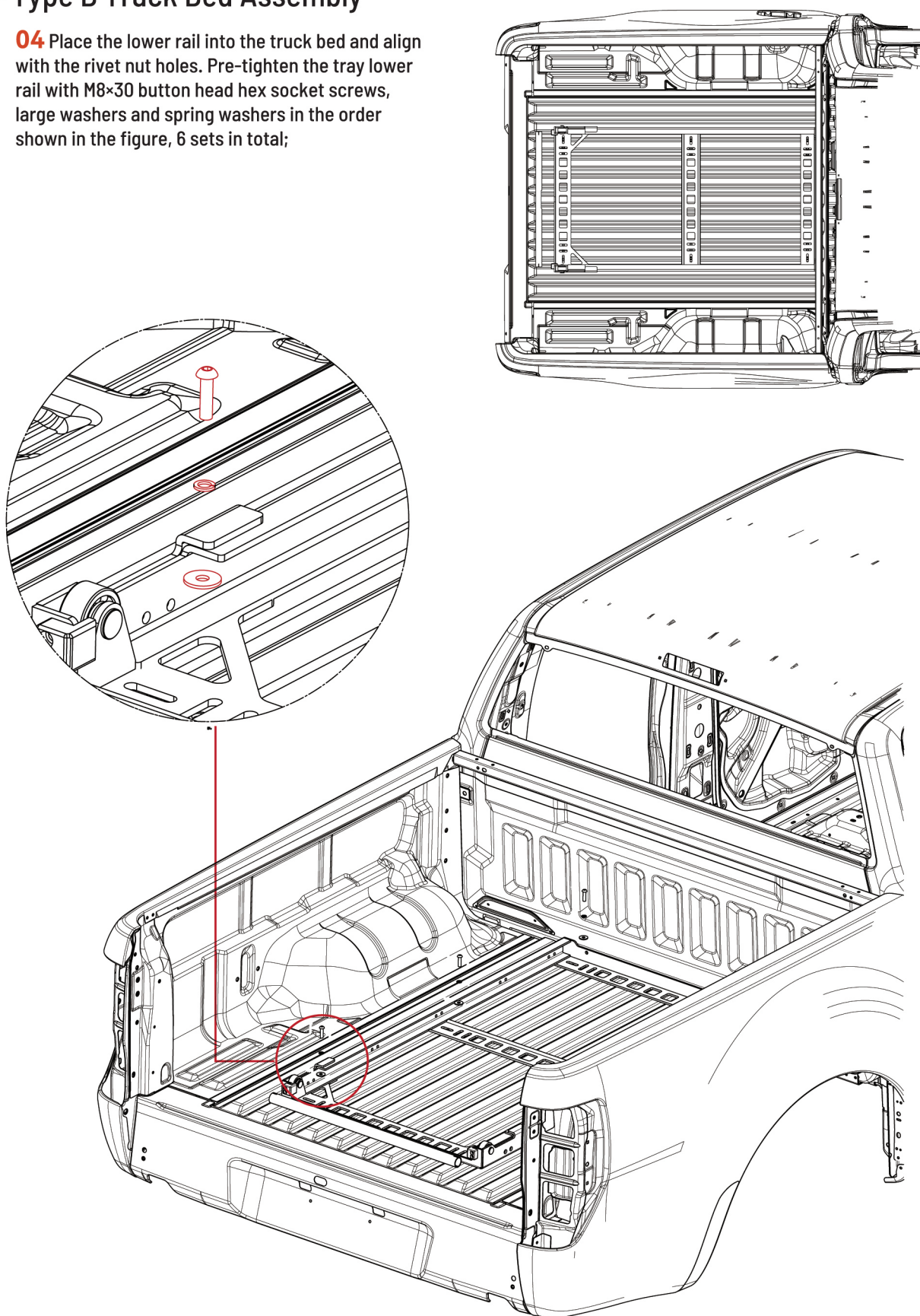
03 Take out the tray lower rail, and use riveting equipment to install M8×5 flat head hex rivet nuts at the drilled holes, as shown in the figure, left-right symmetrical, 18 in total;



STEP 10

➤ Type B Truck Bed Assembly

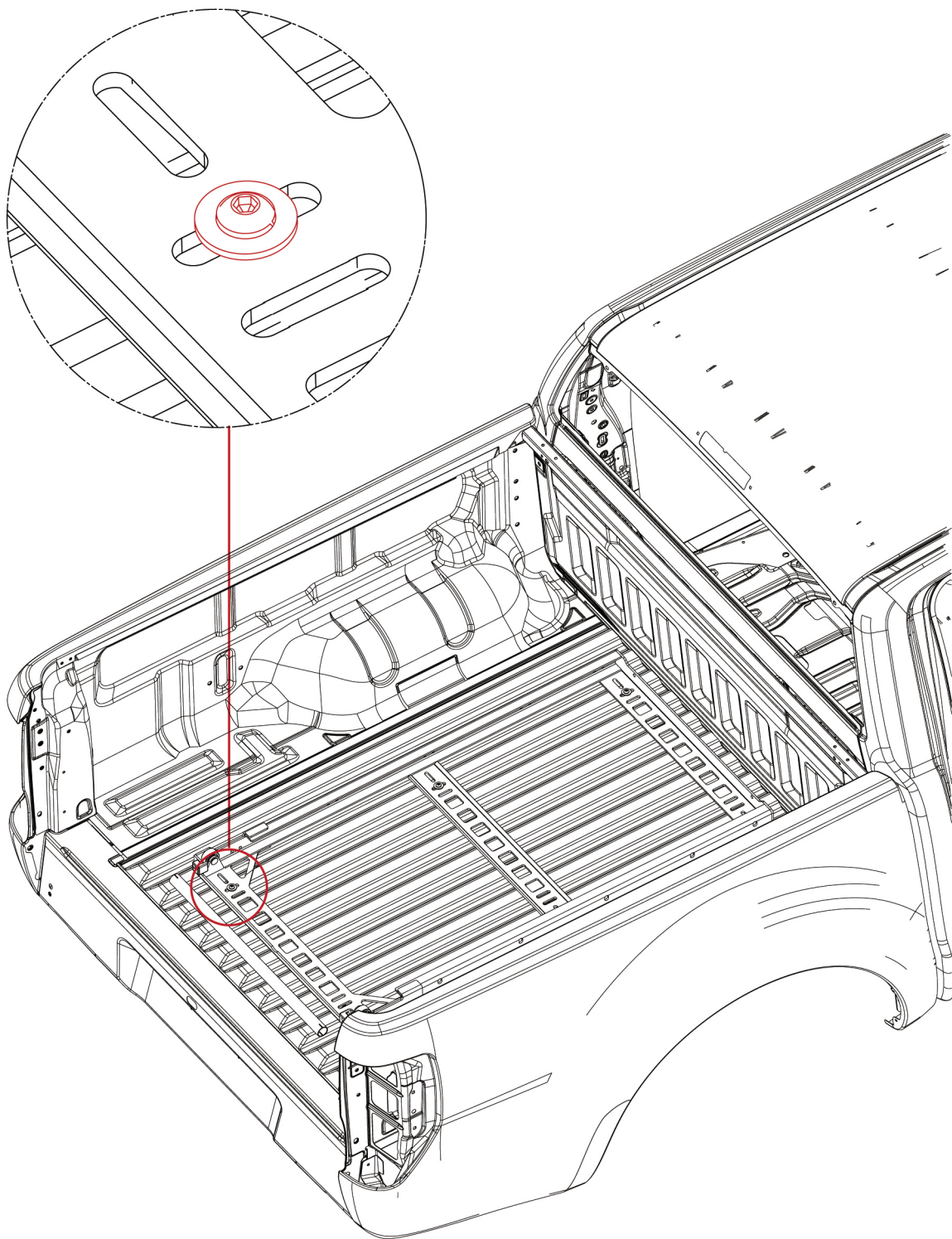
04 Place the lower rail into the truck bed and align with the rivet nut holes. Pre-tighten the tray lower rail with M8×30 button head hex socket screws, large washers and spring washers in the order shown in the figure, 6 sets in total;



STEP 10

➤ Type B Truck Bed Assembly

05 Tighten the 6 bolts to complete the installation of the lower rail.



■ Post-Assembly Inspection



Fastener Inspection: Confirm that all bolts and nuts are tightened according to the specified torque, without looseness, thread slipping or missing; focus on checking the key connection parts of M6/M8/M4: all fasteners including truck bed floor - mounting brackets, brackets - tray lower rail, panel - upper rail, aluminum profile rails, edge banding, railing brackets, etc.;



Alignment and Clearance Inspection: The front bearing of the tray upper rail is fully inserted into the base chute, with uniform clearance on both sides; the upper rail limiting device matches the height of the front sheet metal flange of the base; the clearance between the panel plastic parts and the profile is uniform and consistent; the lock latch is in the correct position without offset;



Function Inspection: Test that the tray pushes and pulls smoothly without jamming; the upper rail limiting device opens and closes normally; the T-handle is flexible to operate, and the lock latch can be retracted/extended smoothly; the railing is stable without shaking or abnormal noise;

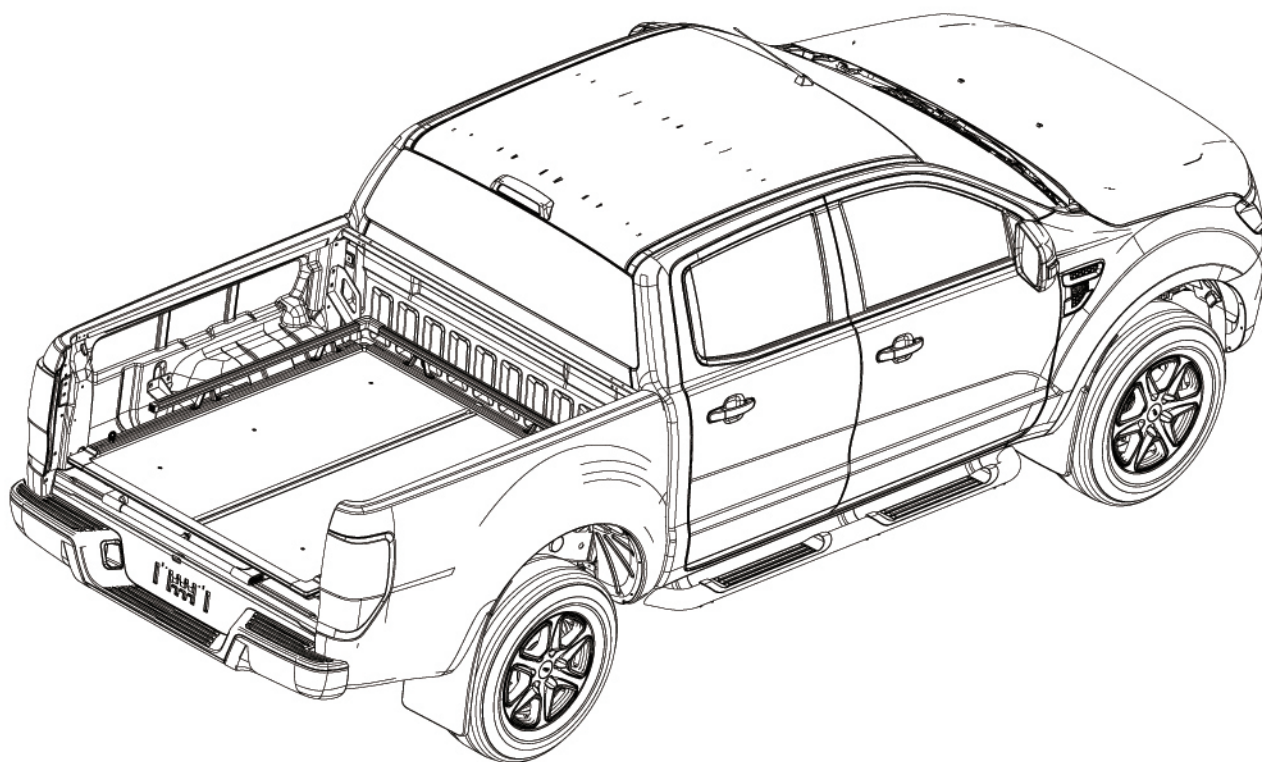


Appearance Inspection: The surfaces of the panel, rails and railing are free of scratches, deformation and bumps; all components are installed in the correct positions; the edge banding and profiles are free of warping and misalignment.

■ Maintenance Recommendations

- **Regular Inspection:** Conduct a full inspection of the tightness of all fasteners every 3 months, focusing on retightening the key M6/M8 connections; check the wear and alignment of the rail chute, bearings, limiting device and lock latch every 6 months.
- **Fastener Maintenance:** Tighten loose screws in a timely manner, and replace rusted, deformed and thread-stripped fasteners; strictly use original factory specification accessories (M8×30, M6×30, M6×16, M4×12, etc.), and do not mix specifications.
- **Cleaning and Lubrication:** Regularly clean the sediment and debris in the rail chute, bearings and lock latch; regularly apply grease to the sliding parts (bearings, limiting device, lock latch) to ensure smooth movement; do not use corrosive cleaners to avoid damaging the surfaces of metal and plastic parts.
- **Storage Protection:** For long-term parking of the vehicle, place it in a dry and ventilated environment; push the tray to the installation position and lock it, cover the rails and limiting device for protection; avoid long-term exposure to the sun and rain to prevent component aging and rust.

Fault Phenomenon	Possible Causes	Solutions
Tray push and pull is stuck or not smooth	The bearing is not correctly inserted into the chute; the rail clearance is uneven; there is foreign matter in the chute; the limiting device is not in place	Reapply sealant after cleaning; replace the wrinkled sealing gasket
Loose connections at rail/panel/railing	Insufficient tightening torque; wrong fastener specifications; missing flat washers/spring washers	Retighten according to the specified torque; replace mismatched fasteners
Railing shaking or loosening	Bracket screws are not locked; slide nut slips off; insufficient number of brackets installed	Lock the M8×16 countersunk screws; reset the slide nut; supplement installation according to 6 brackets per group
Lock latch cannot expand or contract, unlocking failure	T-handle failure; lock latch is stuck; installation alignment deviation	Inspect and repair the T-handle; clean and lubricate the lock latch; disassemble and re-align for installation
Uneven panel clearance and edge warping	Uneven screw pre-tightening; edge banding is not fixed; plastic parts are not leveled	Lock all panel screws evenly; fix the edge banding with M6×30 square head screws; readjust the clearance between plastic parts and profiles
Limiting device cannot match the sheet metal flange	The upper rail handle is not lifted up; the limiting part is deformed; the installation height is wrong	Lift up the upper rail handle; calibrate the limiting device; adjust the height according to the installation drawing
Loose connection between lower rail and bracket	M8×30 screws are not locked; nuts slip off; washers are missing	Retighten 12 sets of M8 connection pairs; replace the slipped nuts; supplement the missing D8 flat washers and spring washers



TRUCK BED

THANKS FOR YOUR PURCHASE

PLEASE LET US KNOW IF YOU HAVE ANY QUESTIONS