

BOOMRACING



HARD BODY KIT

FOR

BRX02

DI30

**LAND ROVER DEFENDER 130 HIGH CAPACITY PICKUP
1/10 SCALE 4WD RC KIT**



www.EnjoyBeingABadass.com

PRODUCT CODE: BRX027028 INSTRUCTION MANUAL V1.1

Congratulations!

First of all, congratulations on your Boom Racing Land Rover Defender 130 Hi-Cap.

The truth is, the fact that you're building one of these means you're already part of a minority.

On the surface, this is an RC vehicle. The body. The engineering. The rugged character. But beneath all of that, it represents something more: the preservation of identity, history, and values.

Our goal was never simply to create another RC product. It was to capture the soul of the original vehicle and bring that spirit into a scale RC experience, giving you a glimpse of what it means to be part of its heritage.

People often say that Land Rovers are more than vehicles. They are working companions, family heirlooms, and expressions of craftsmanship. They carry stories across generations, bringing people together and creating memories that endure far beyond the vehicle itself.

The crew cab D130 was never meant to be a garage queen. It was built as an ultra-heavy-duty, extended-wheelbase workhorse for military, industrial, and emergency services. The dents, scratches, repairs, and patina were not flaws - they were proof of a vehicle that had spent its life working.

At Boom Racing, we believe scale RC should capture more than appearance alone. Like the full-size vehicle that inspired it, the BRX02 was engineered to be modular, serviceable, adaptable, and built to evolve over time. The experience is not only in driving it, but also in building it, understanding it, maintaining it, tuning it, and making it your own.

You do not merely own a Land Rover. You become a steward of a story that continues across generations. And now, with this Defender 130 High Capacity Pickup before you, you become part of that story too.

Welcome to the heritage.

Welcome to the journey.

Jason Patrick Tsang
Founder and Director





Apply Double Sided Tape



Pay Attention



Apply Glue



Drill Hole



Apply Model Filler

Tools Included



+ Phillips Head Screwdriver (Small)



Ø0.8mm Drill Bit



Ø1.2mm Drill Bit

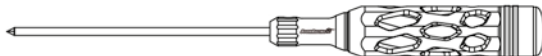


Double Sided Tape 60mm x 12mm (Thin)

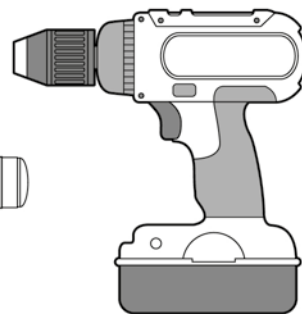


Double Sided Tape 100mm x 10mm (Thick)

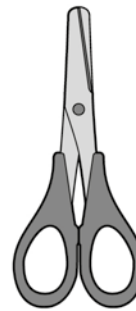
Tools Required



+ Phillips Head Screwdriver (Large)



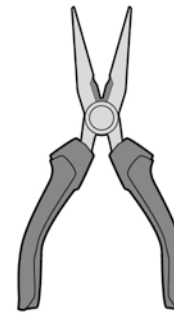
Drill



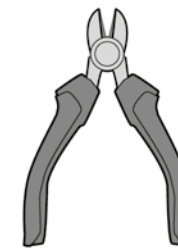
Scissors



Hobby Knife



Long Nose Pliers



Side Cutter

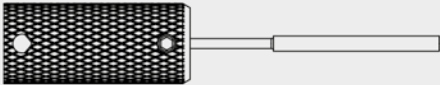


Model Filler

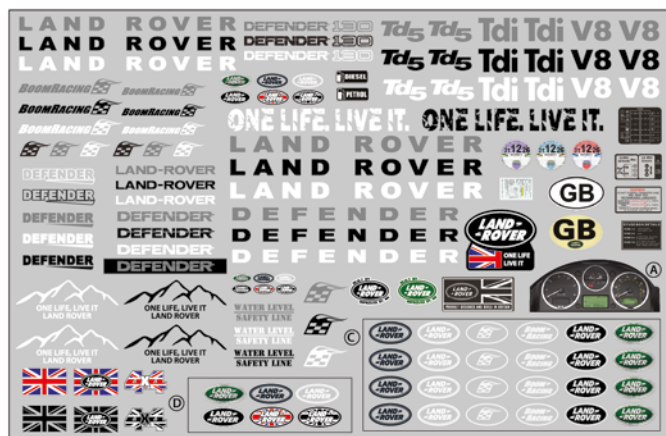


Glue

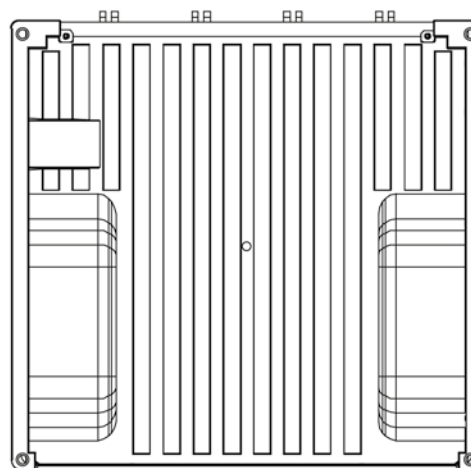
All screw indicators in this manual are 1:1 size (extra screws included).

 ST1x4 Phillips Head Self-Tapping Screw (24) #ST1x4 RS	 M1.6x5 Socket Cap Screw (4) #M1.6x5 SC	 M3 Nut - Nyloc x 2 #BRASNUTM3
 ST1x6 Phillips Head Self-Tapping Screw (12) #ST1x6 RS	 M2x5 Socket Cap Screw (8) #M2x5 SC	 OST3x1.5 Magnet (8)
 ST1.2x4 Phillips Head Self-Tapping Screw (12) #ST1.2x4 RS	 M2x6 Scale Screw (2) #M2x6 BS	 OST8x4 Magnet (2)
 ST1.5x3 Phillips Head Self-Tapping Screw (4) #ST1.5x3 RS	 M3x8 Phillips Head Screw (2) #M3x8 RS	 D3x4 Spring Plunger (10)
 ST1.5x4 Phillips Head Self-Tapping Screw (20) #ST1.5x4 RS	 M3x14 Phillips Head Screw (2) #M3x14 RS	 1x10 Pin (2)
 ST1.5x5 Phillips Head Self-Tapping Screw (10) #ST1.5x5 RS	 M3x6 Counter Sunk Phillips Head Screw (2) #M3x6 CSS	 2x8 Pin (4)
 ST2x4 Phillips Head Self-Tapping Screw (30) #ST2x4 RS		
 ST2x5 RS Phillips Head Self-Tapping Screw (8) #ST2x5 RS		
 ST2x6 RS Phillips Head Self-Tapping Screw (8) #ST2x6 RS		

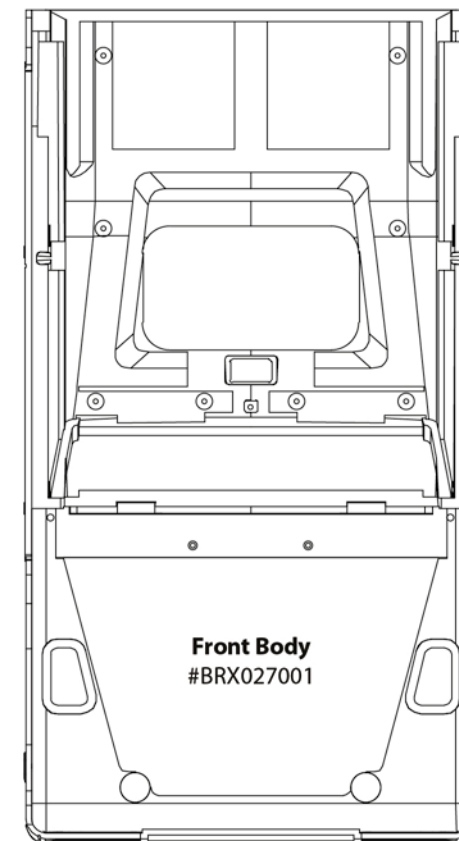
Screw Set for D130 Body
#BRX027026



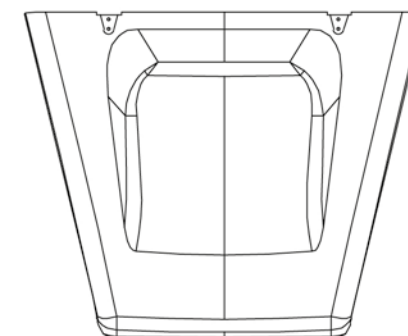
Decal Sticker D130
#BRX027025



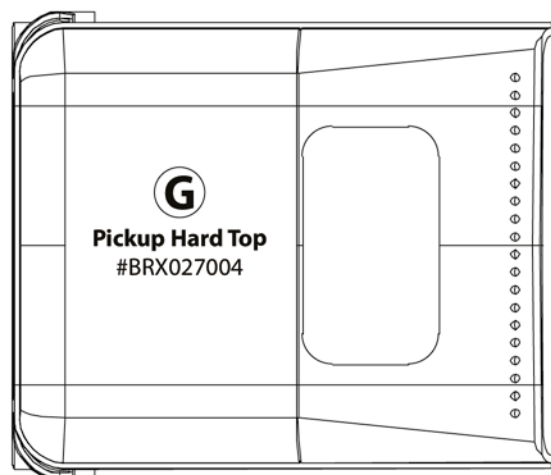
A D130 HCPU Rear Bed
#BRX027002



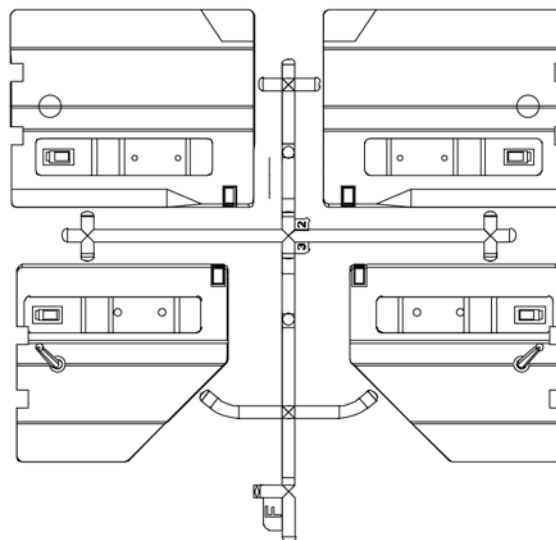
Front Body
#BRX027001



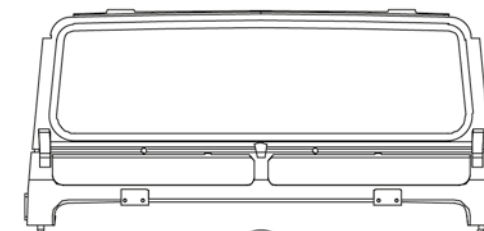
P Front Puma Bonnet
#BRX027003



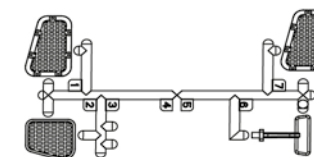
G
Pickup Hard Top
#BRX027004



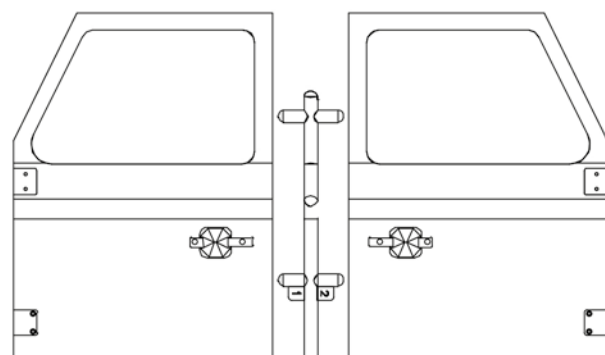
F
Front and Rear Door Cards
#BRX027006



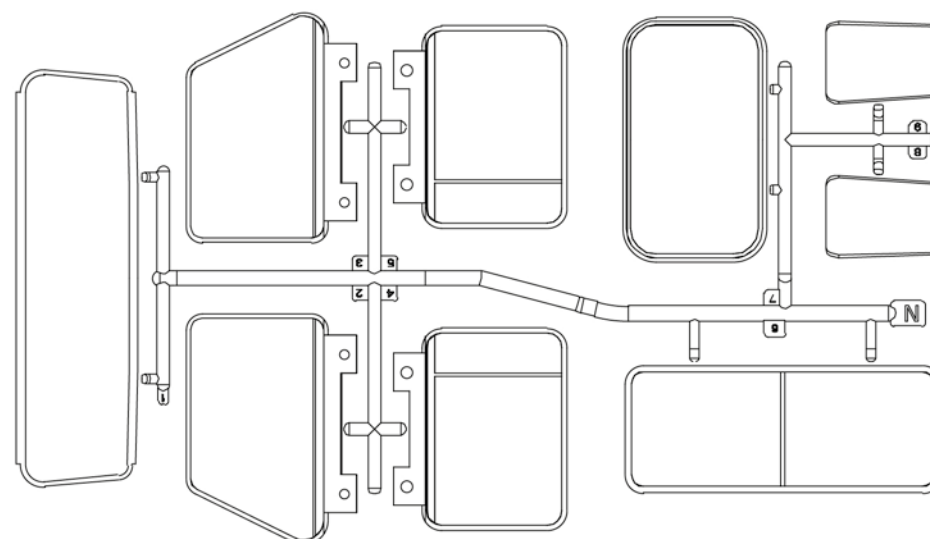
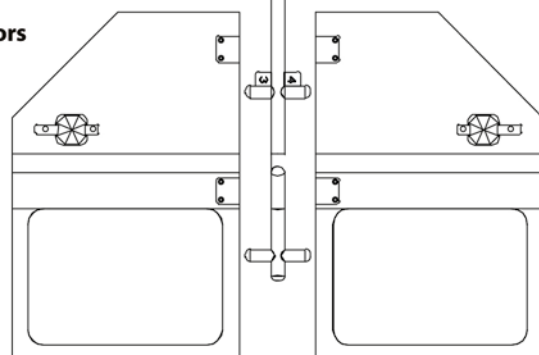
I
Windscreen Frame
#BRX027008



M
Rear View Mirror & Air Vent Covers Set
#BRX027009

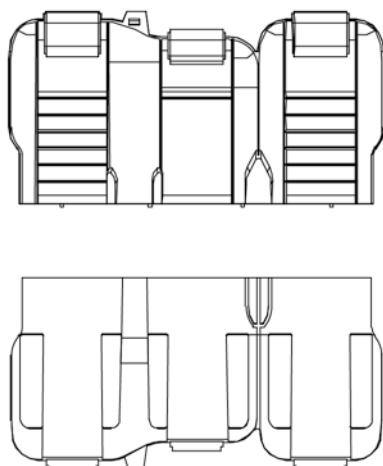


R
Front and Rear Doors
#BRX027005

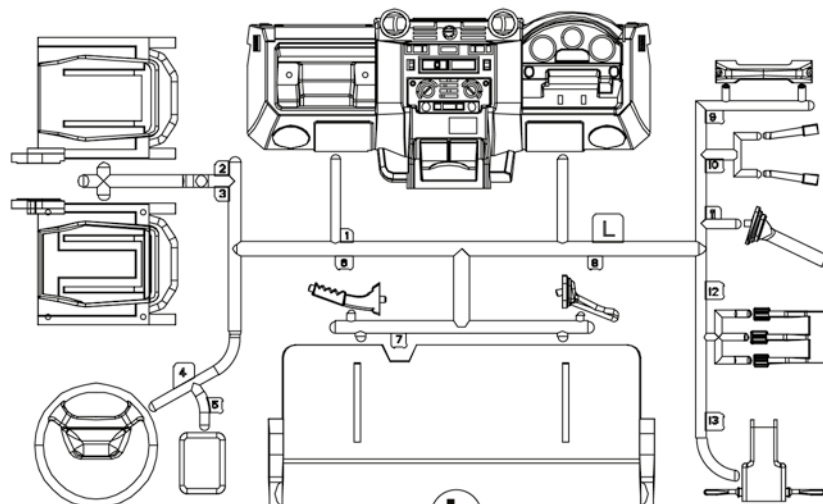
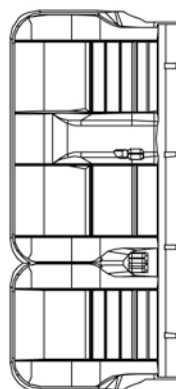


N
Clear Window Set
#BRX027010

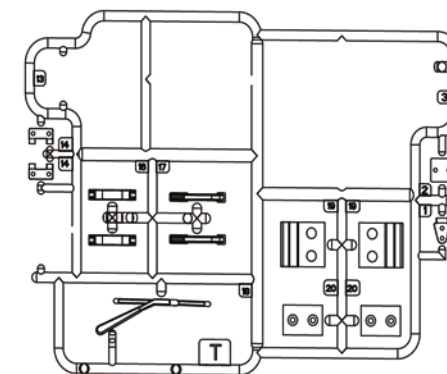
Note: some parts are not attached to the part trees for packaging reasons.



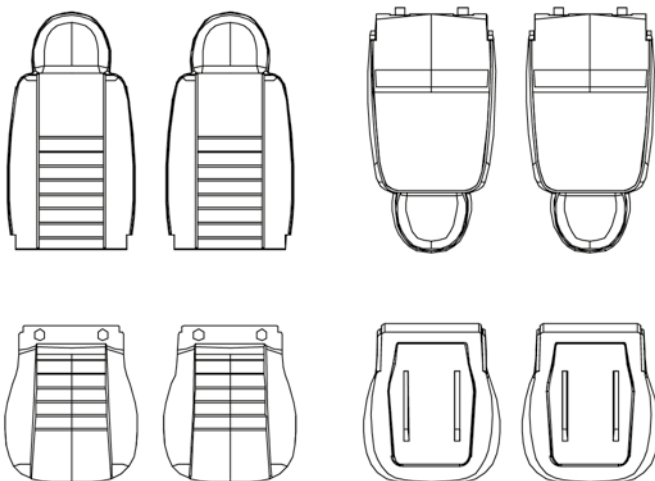
O Rear Passenger Seats
#BRX027011R



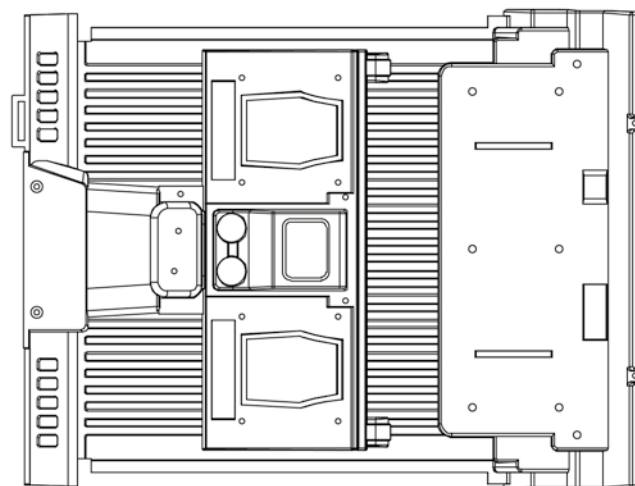
L Dashboard, Steering Wheel, Shifter & Interior
#BRX027013



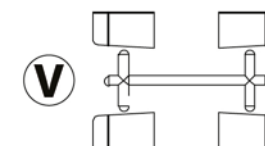
T Wipers, Door Handles & Hinges x 2
#BRX027014



Q Front Seats
#BRX027011F



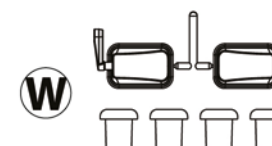
K Interior Floor Panel
#BRX027012



V Door Latch Retainers x 4
#BRX027015



Y Metal Rear Step/Bumpers x 2 & U-hooks x 2
#BRX027017

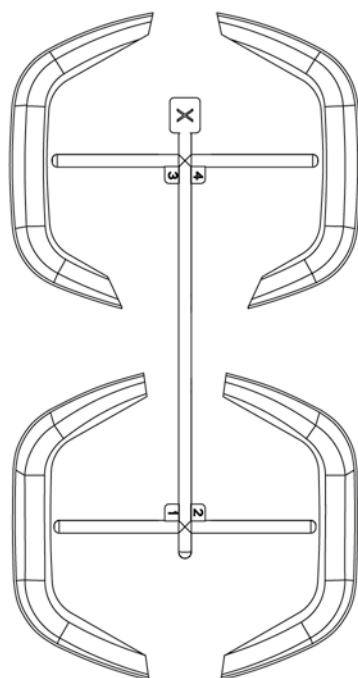


W Wing Mirror Housings x 2
& Bed Plugs x 4
#BRX027016



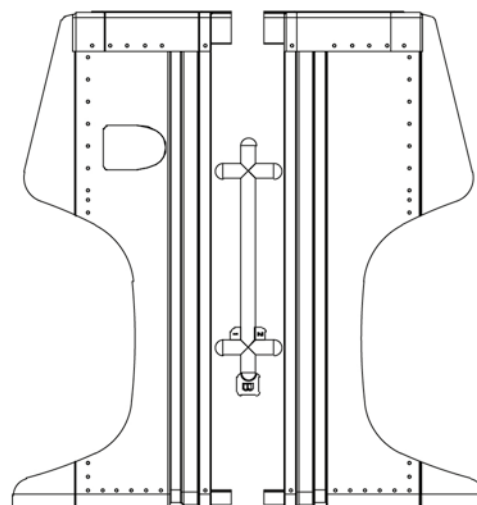
AA Door Handles x 4
#BRX02338

Note: some parts are not attached to the part trees for packaging reasons.



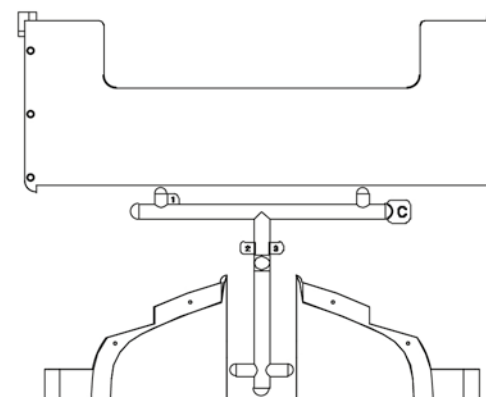
X

Injection-Molded Fender Flares
#BRX027018



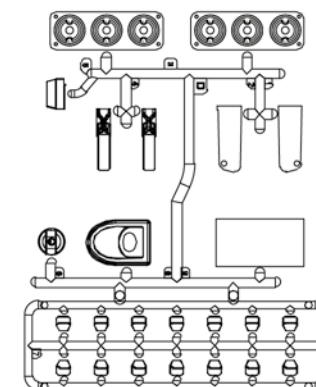
B

Rear Bed Side Panels L & R
#BRX027020



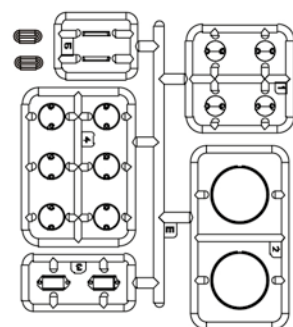
C

Body Blank Set
#BRX027022



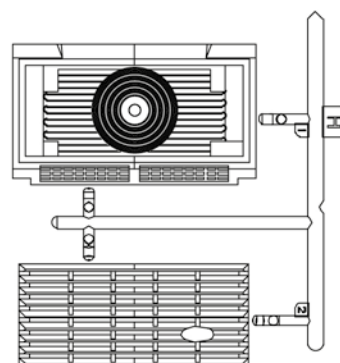
D

Bed Accessories
#BRX027007



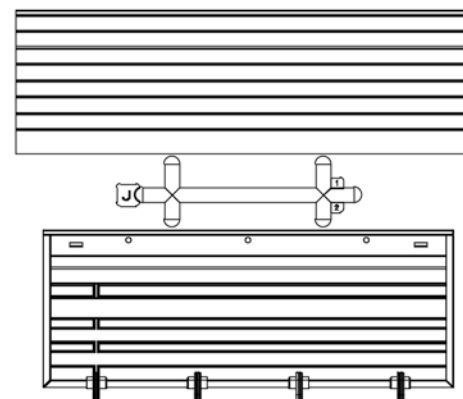
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Clear Light Lenses
#BRX027019



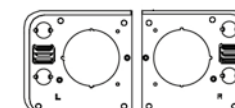
H

Front Grille & Radiator Set
#BRX027021

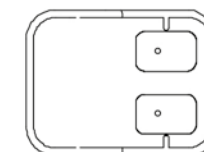


J

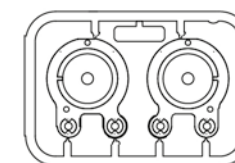
Center Rear Bed Panel & Tailgate
#BRX027023



R



S



U

**Light Bezels, Chrome Light Buckets
& Side Mirrors Set**
#BRX027024

Preparation Tips

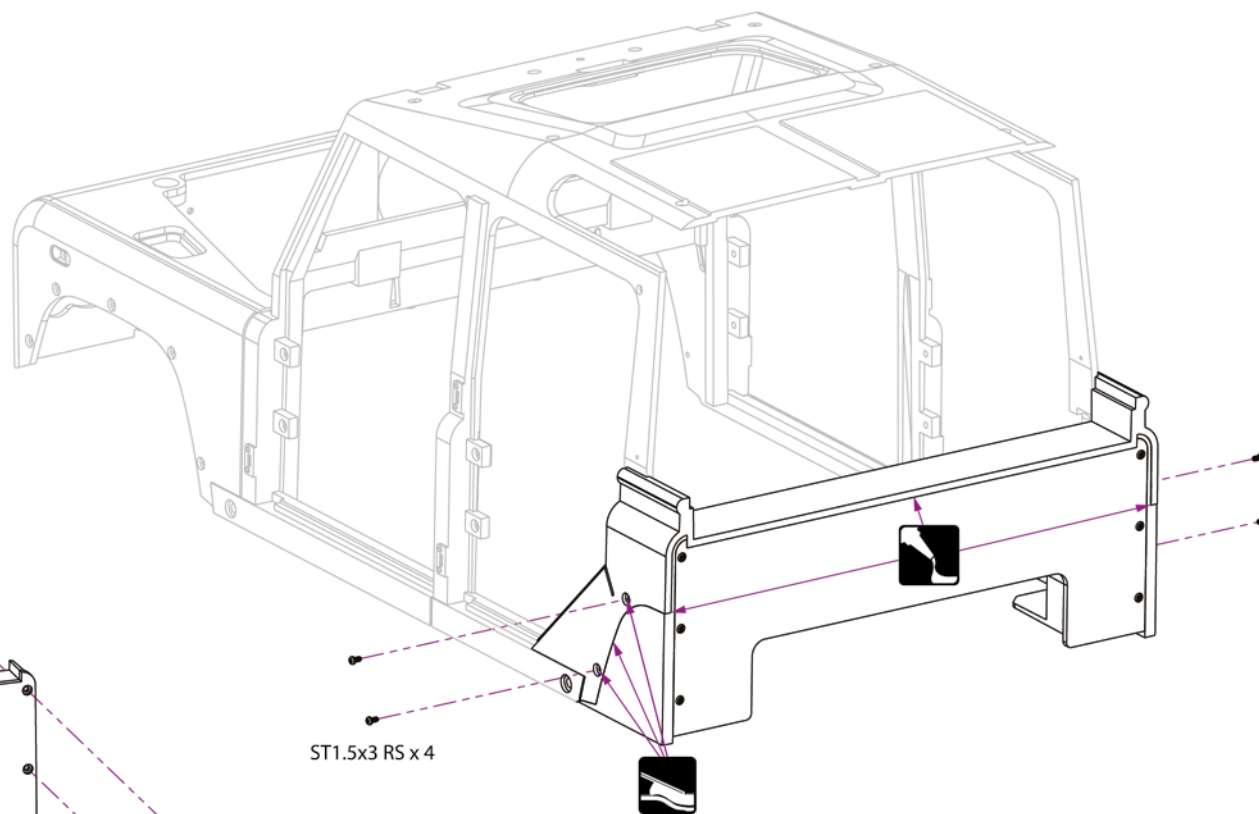
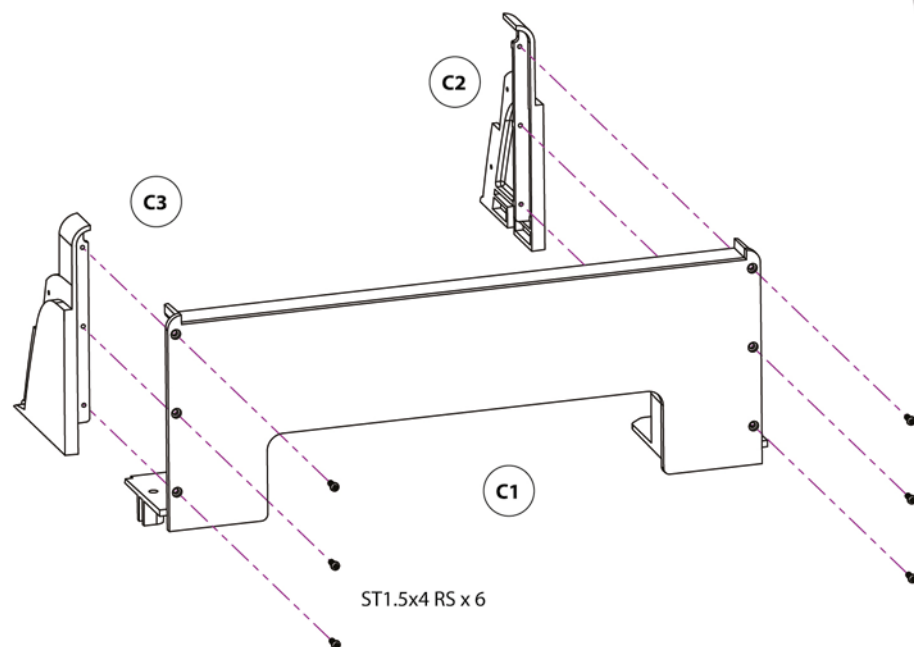
- Study the entire manual and all diagrams before starting.
- Lay out parts by step and group screws by size.
- Use appropriate tools: precision screwdriver set, CA glue (superglue) or plastic cement (as appropriate for parts), body filler (e.g., putty), sandpaper/files, and clamps if needed.
- Dry-fit every part before applying glue or screws.
- Pay close attention to part orientation, magnet polarity, and trimming notes.
- Recommend any screw blow 1.5mm you should pre-drill.
- Do not over tighten the small screws.

1

Assemble the rear body blank pieces together with six ST1.5x4 screws and reinforce the joints with glue as shown.

Once set, attach the rear section to the main body with four ST1.5x3 screws and reinforce the joints with glue for the strongest result.

For the cleanest appearance apply body filler to the joint line and screws holes, let cure fully, then sand smooth.



1	
	ST1.5x3 RS x 4
	ST1.5x4 RS x 6

Front door spring locking plates

Rear door spring locking plates

Decal sticker B2

0.5mm

Decal sticker B1

Decal sticker B2

2

Use the decal sticker templates (B1 and B2) and follow the diagram to line up and glue the four spring locking plates onto the indicated locations on the main body (follow diagram orientation exactly to avoid misalignment).

Glue the mirror glass to the interior mirror housing, then glue the assembly to the indicated location on the main body (use minimal glue to avoid visible marks).

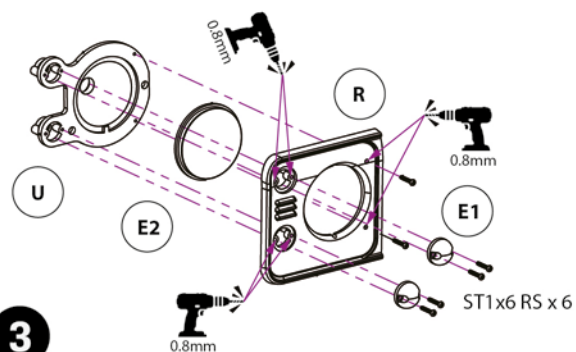
2

Decal Sticker

3

ST1x6 RS x 12

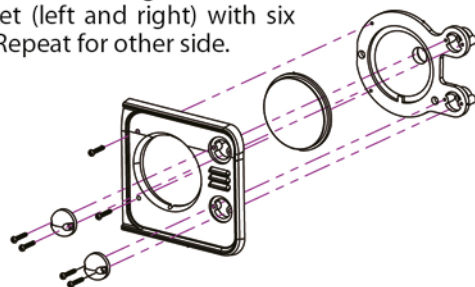
Ø0.8mm Drill Bit



3

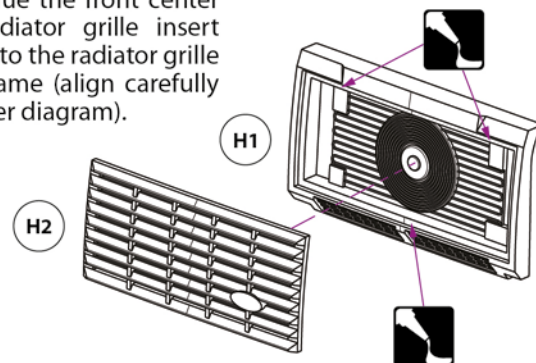
Use the 0.8mm drill bit and drill through all the indicated locations.

Next, assemble each headlight surround, lens, and bucket (left and right) with six ST1x6 screws. Repeat for other side.



4

Glue the front center radiator grille insert into the radiator grille frame (align carefully per diagram).

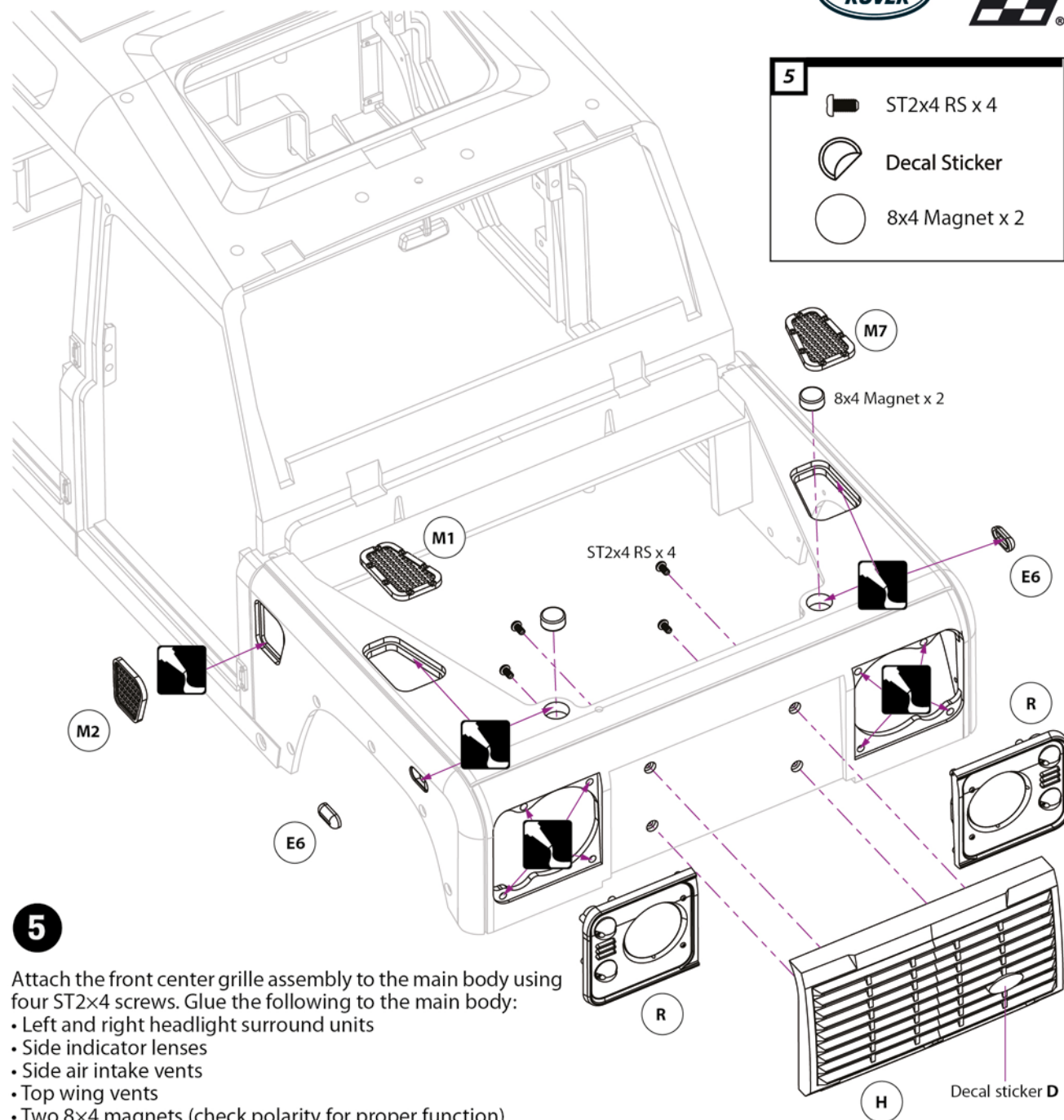


5

ST2x4 RS x 4

Decal Sticker

8x4 Magnet x 2



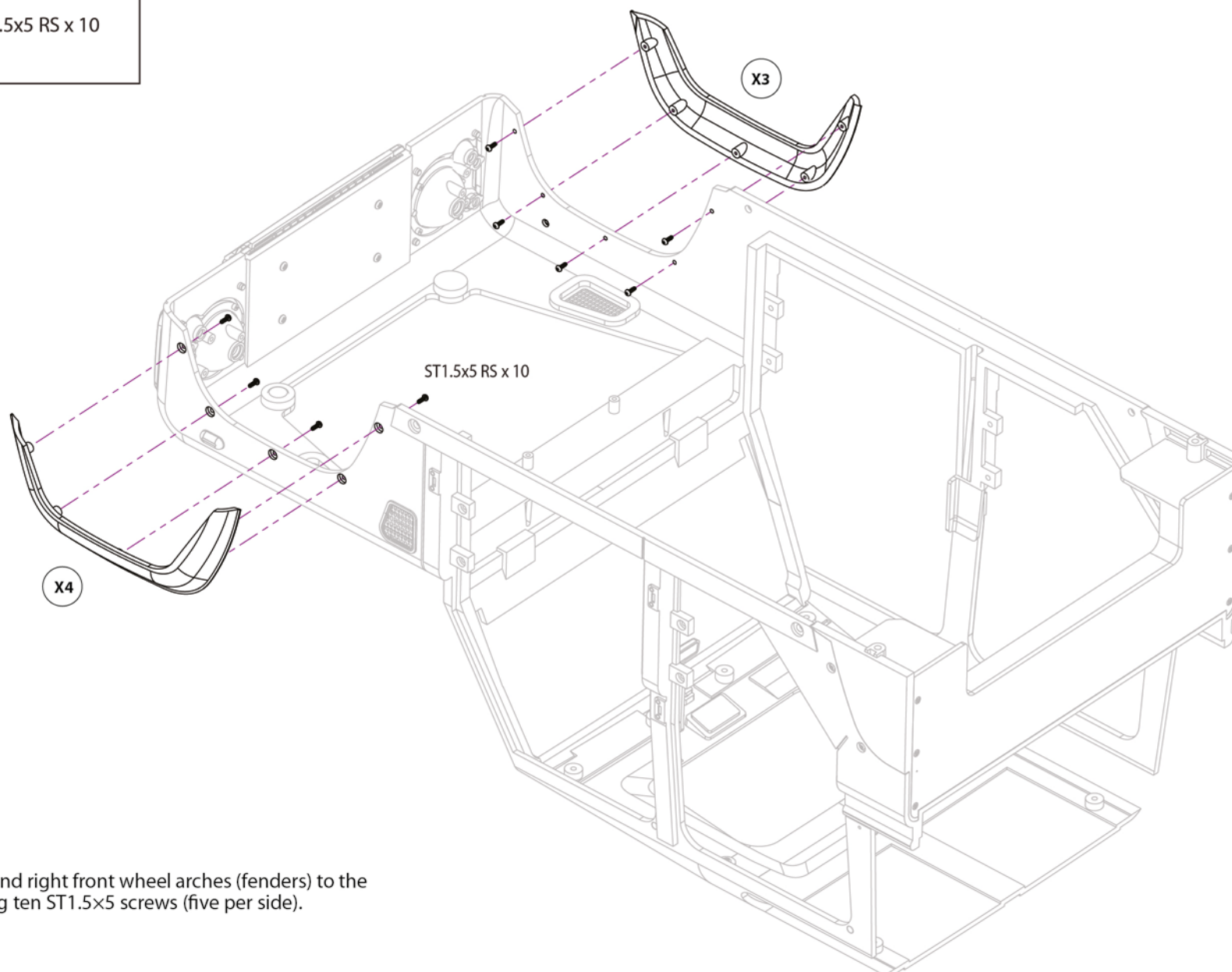
5

Attach the front center grille assembly to the main body using four ST2x4 screws. Glue the following to the main body:

- Left and right headlight surround units
- Side indicator lenses
- Side air intake vents
- Top wing vents
- Two 8x4 magnets (check polarity for proper function)

6

ST1.5x5 RS x 10



6

Attach the left and right front wheel arches (fenders) to the main body using ten ST1.5x5 screws (five per side).

7

ST2x4 RS x 8

Spring Plugger x 4

7

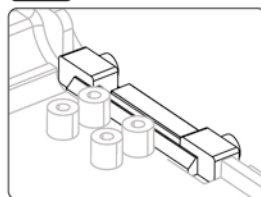
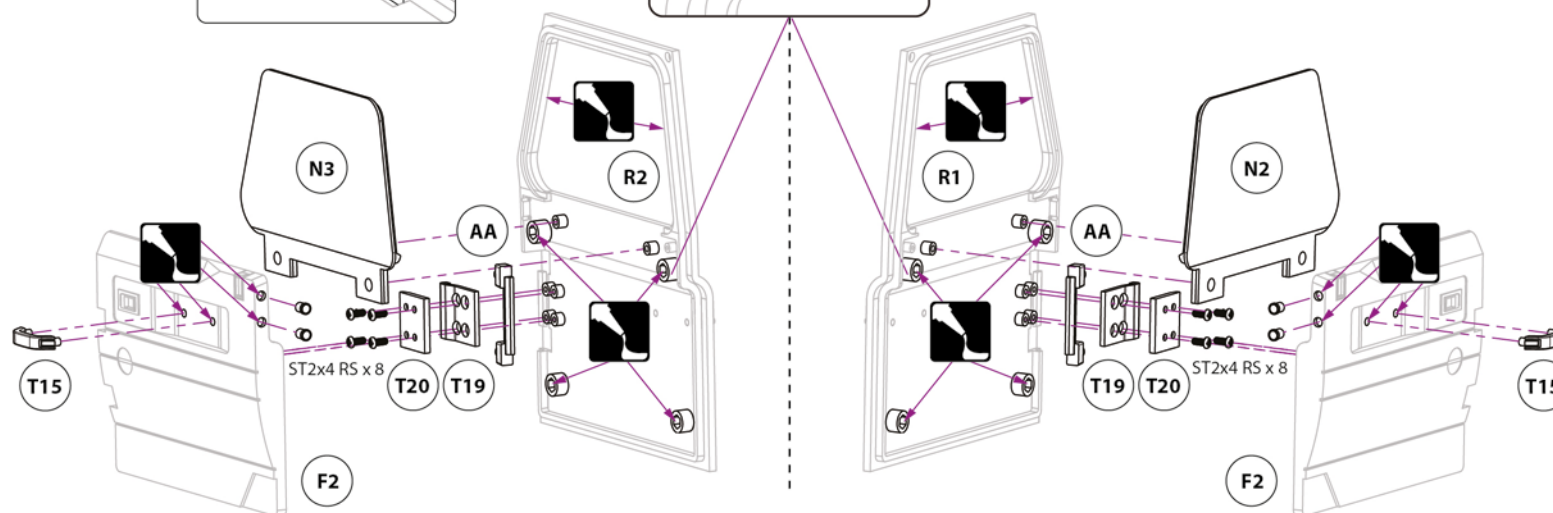
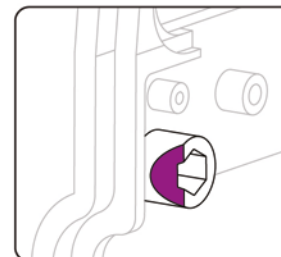
Push the side window into the front door at the indicated location (ensure proper seating). Attach the door hinge to the door with four ST2x4 screws.

Glue the interior handle to the door card. Insert and glue the spring plugger into the indicated location on the door card.

Trim a small amount from the indicated location on the door/window area for proper fit/clearance.

Glue the door card to the door (use even pressure). Repeat for the opposite front door.

Pay attention to the door hinge direction.


 Pay attention
Trim this section


8

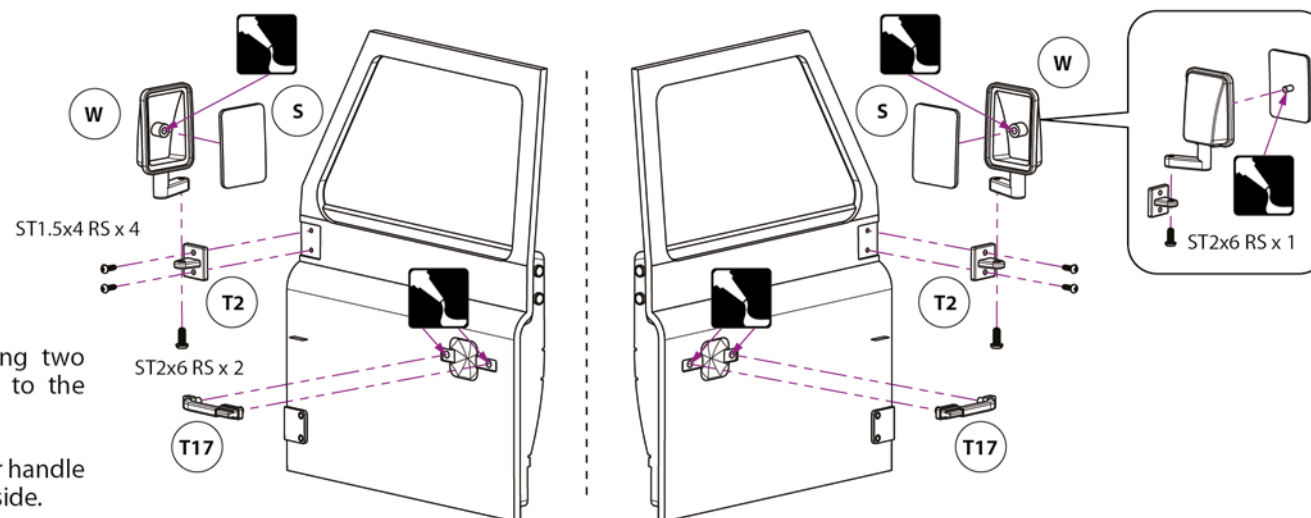
ST1.5x4 RS x 4

ST2x6 RS x 1

8

Attach the wing mirror bracket to the door using two ST1.5x4 screws. Attach the wing mirror housing to the bracket with one ST2x6 screw.

Glue the mirror glass into the housing. Glue the door handle to the exterior of the door. Repeat for the opposite side.



9

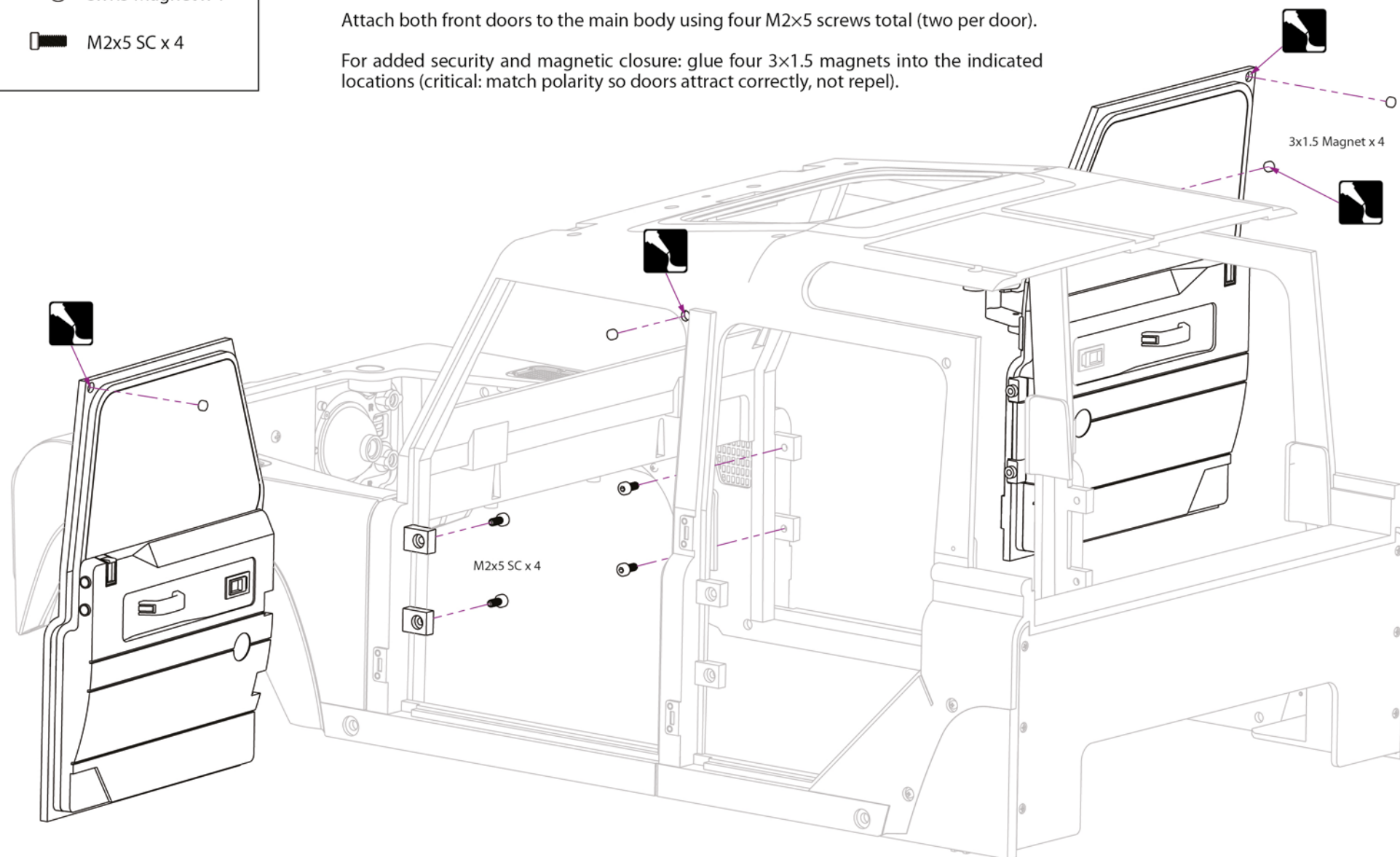
○ 3x1.5 Magnet x 4

■ M2x5 SC x 4

9

Attach both front doors to the main body using four M2x5 screws total (two per door).

For added security and magnetic closure: glue four 3x1.5 magnets into the indicated locations (critical: match polarity so doors attract correctly, not repel).



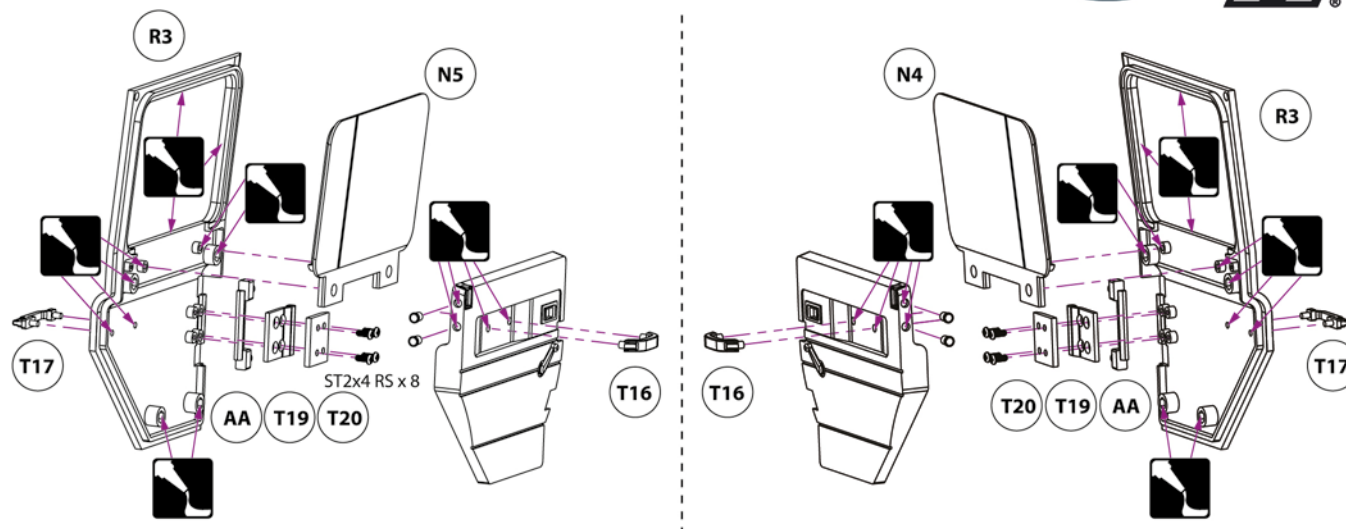
10

- 3x1.5 Magnet x 4
- ST2x4 RS x 8
- Spring Pluger x 4

10

Push the side window into the rear door at the indicated location.

Glue the exterior door handle to the door. Attach the door hinge to the door with four ST2x4 screws. Glue the interior handle to the door card. Insert and glue the two spring plungers into the indicated location. Glue the door card to the door. Repeat for the opposite rear door.

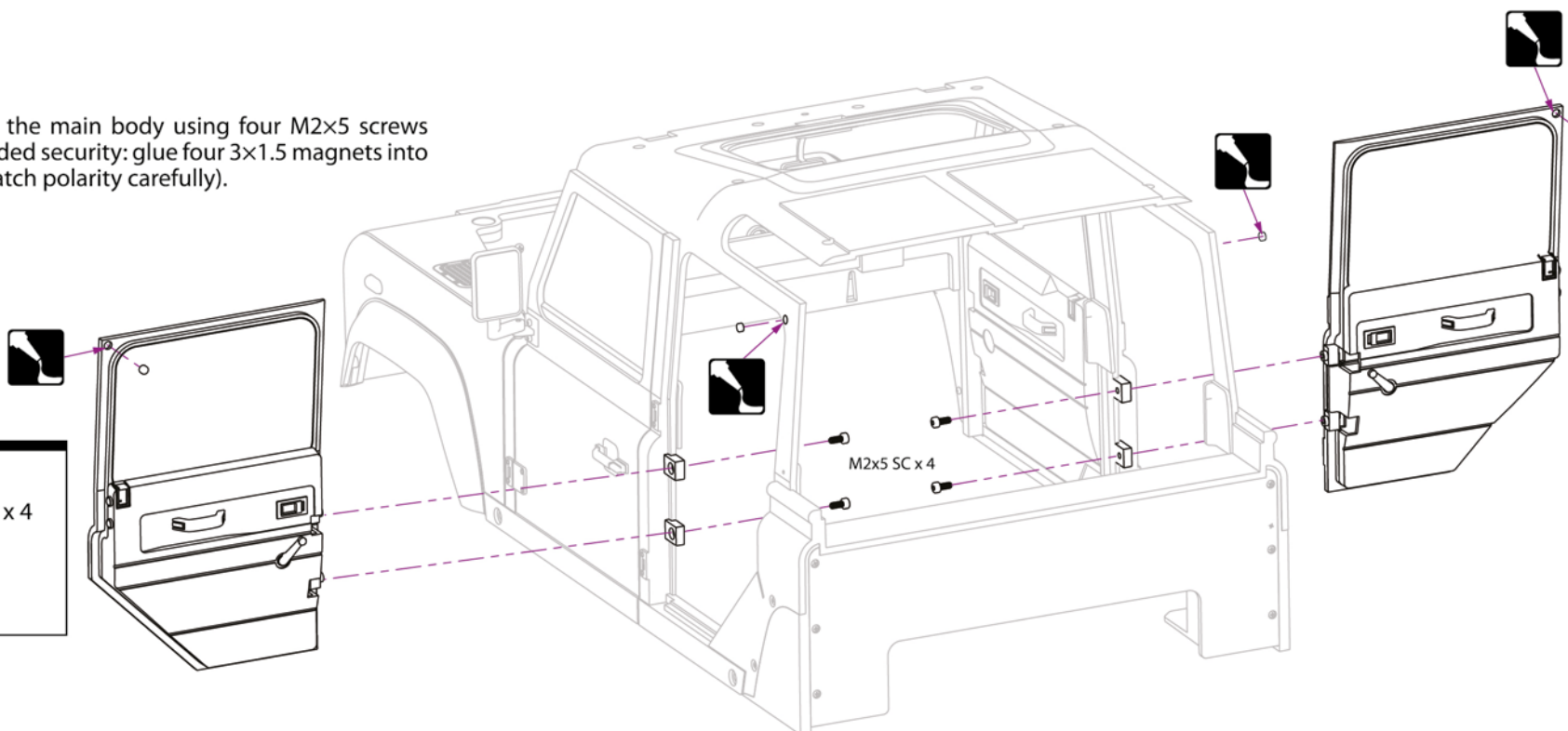


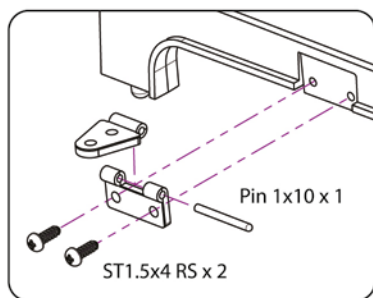
11

Attach both rear doors to the main body using four M2x5 screws total (two per door). For added security: glue four 3x1.5 magnets into the indicated locations (match polarity carefully).

11

- 3x1.5 Magnet x 4
- M2x5 SC x 4




12

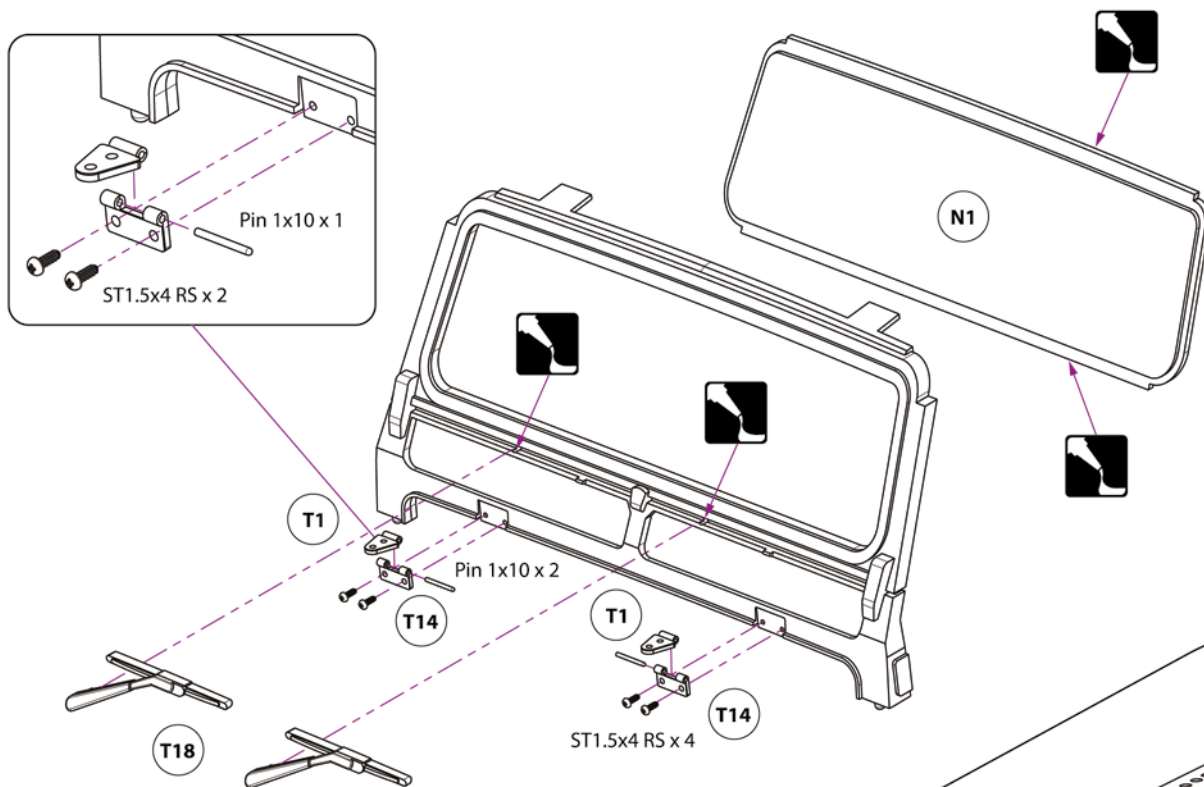
Pin 1x10 x 2

ST1.5x4 RS x 4

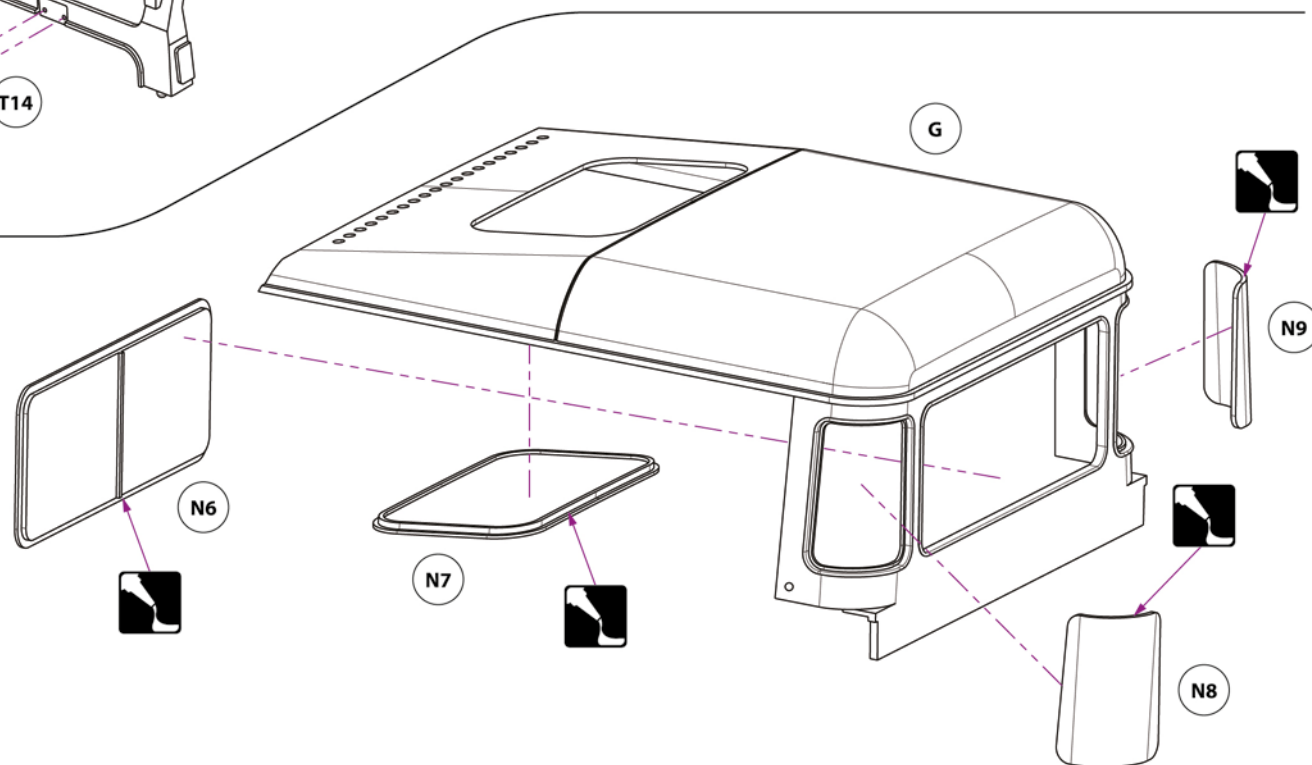
12

Assemble the bonnet hinge as shown in the diagram. Attach the bonnet hinge to the windscreen frame using four ST1.5x4 screws.

Glue the front windscreen and wipers to the windscreen frame (use canopy glue or clear-drying adhesive to avoid fogging).


13

Glue all clear windows into the pickup roof section.



14

ST2x5 RS x 8

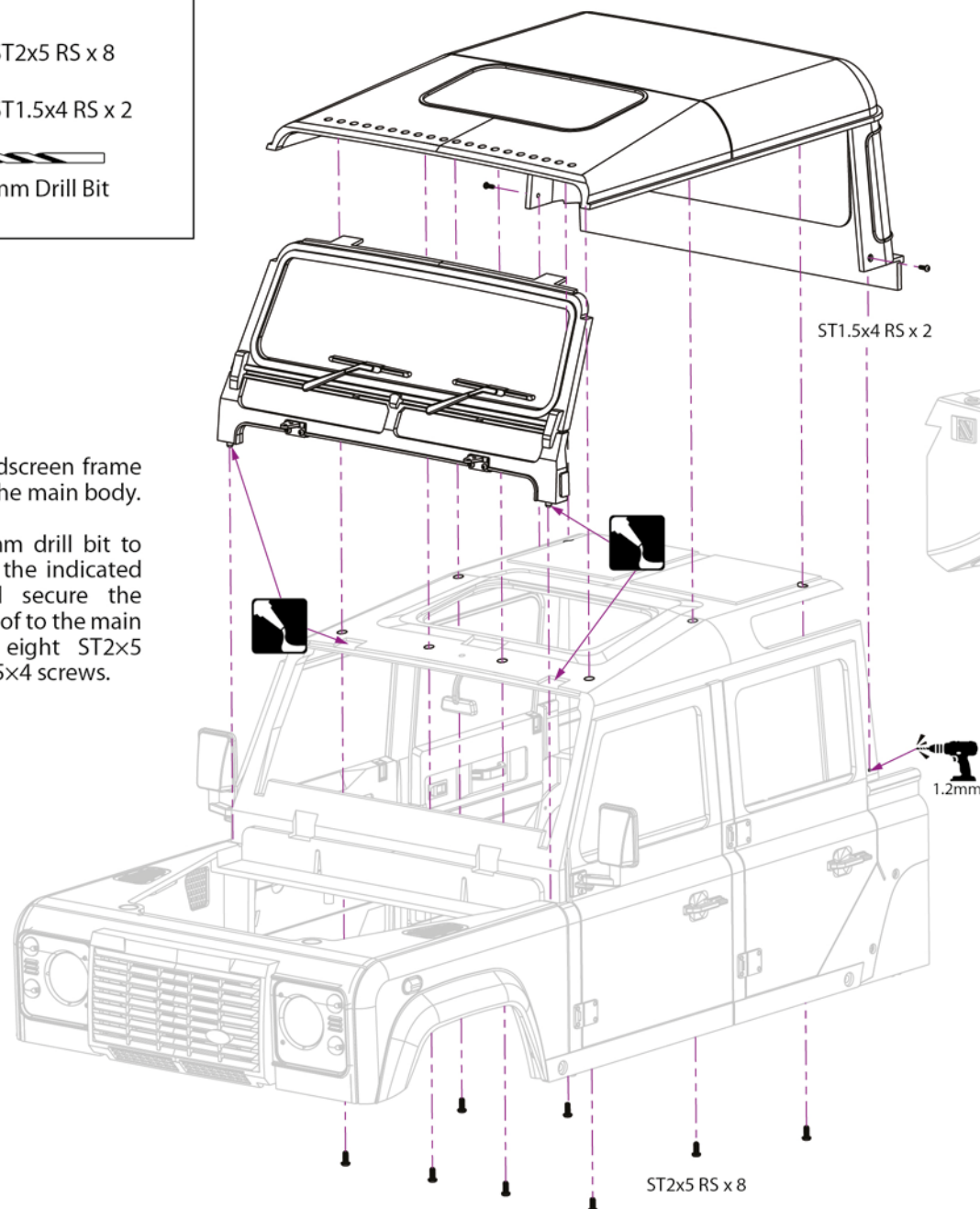
ST1.5x4 RS x 2

 Ø1.2mm Drill Bit

14

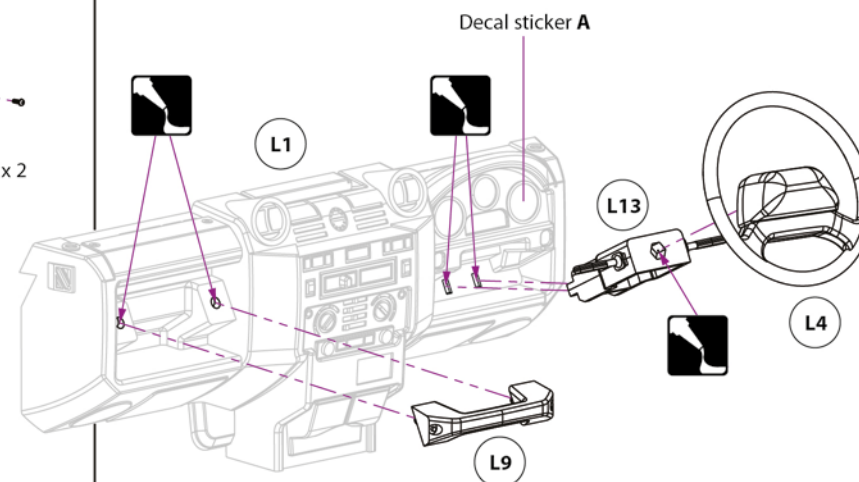
Glue the windscreen frame assembly to the main body.

Use the 1.2mm drill bit to drill through the indicated location and secure the pickup top/roof to the main body using eight ST2x5 and two ST1.5x4 screws.



15

Glue the steering column, steering wheel, and grab handle to the dashboard.



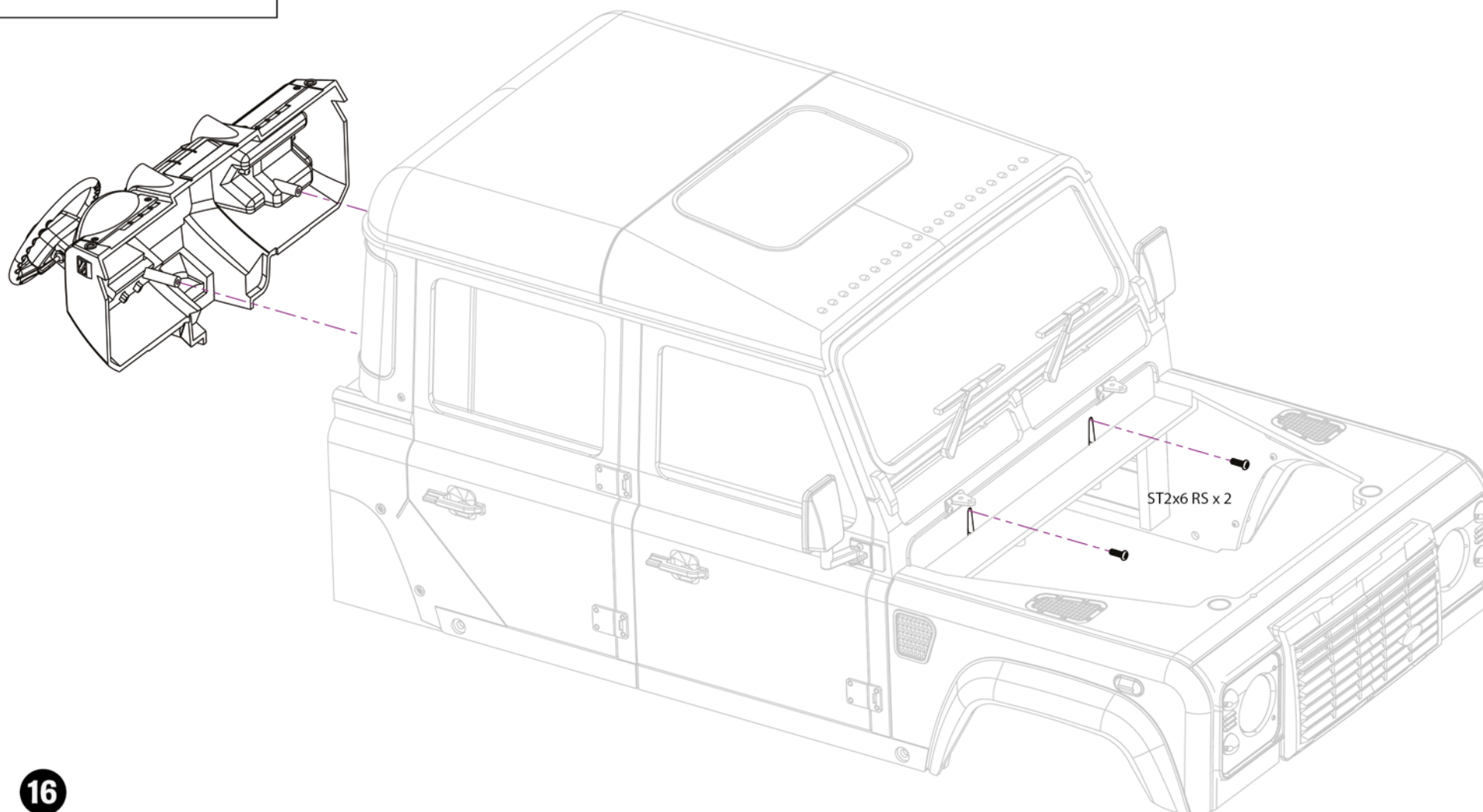
15



Decal Sticker

16

 ST2x6 RS x 2

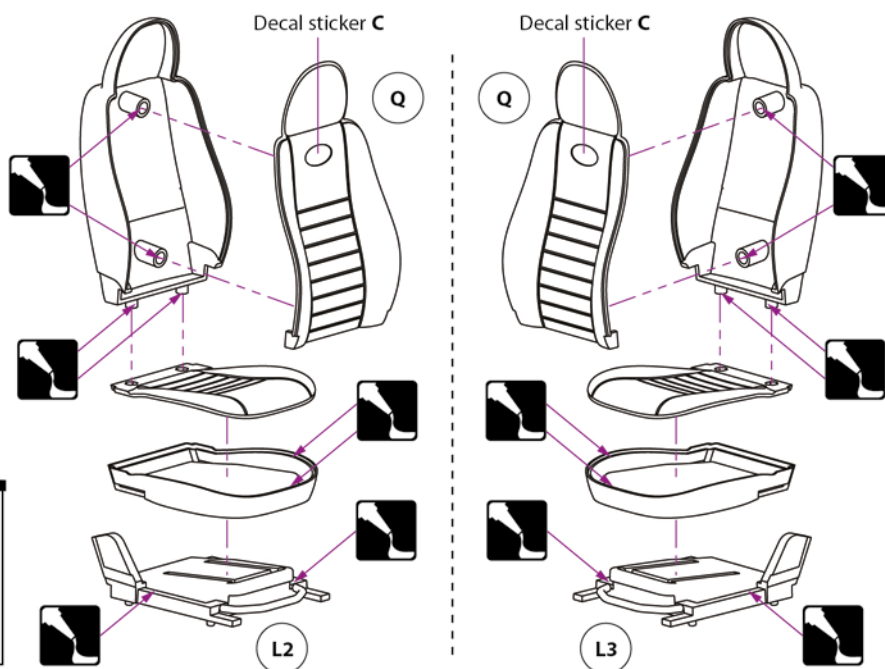


16

Attach the completed dashboard to the main body with two ST2x6 screws.

17

Glue the front seats together as shown.



17



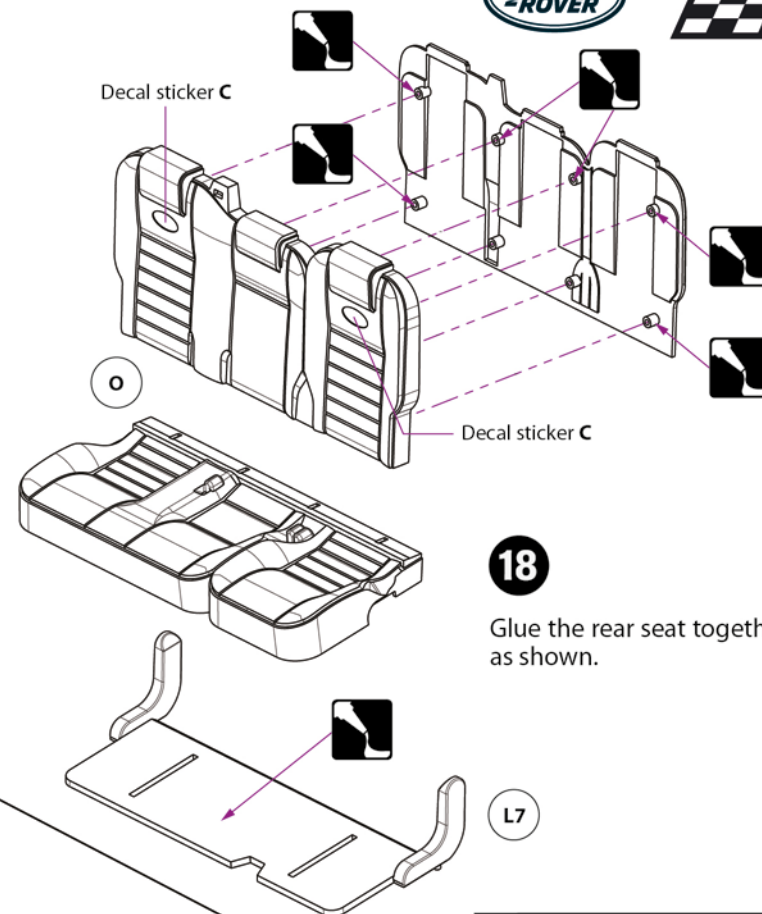
Decal Sticker

Decal sticker C

Decal sticker C

18

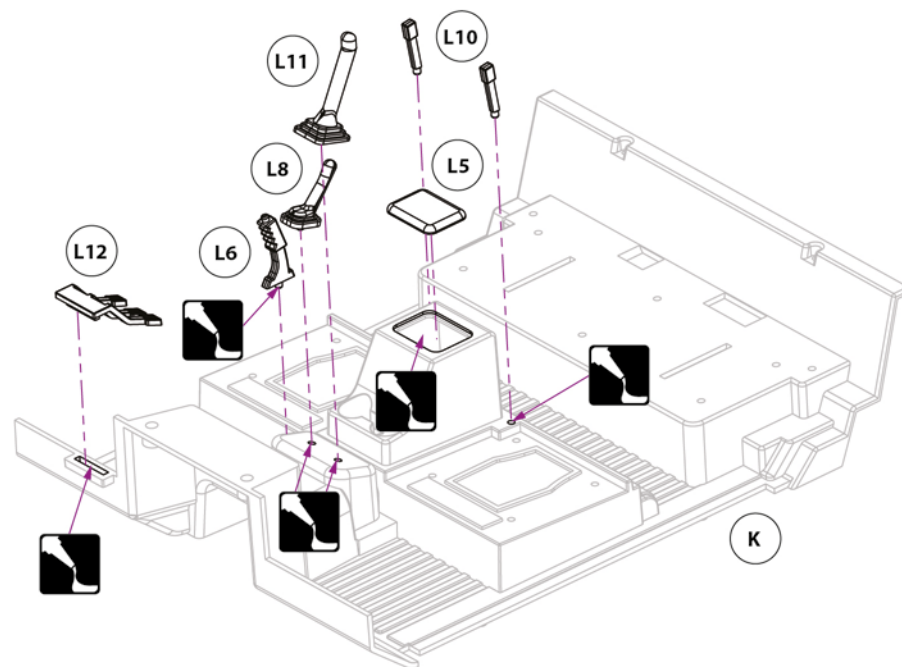
Glue the rear seat together as shown.



18



Decal Sticker



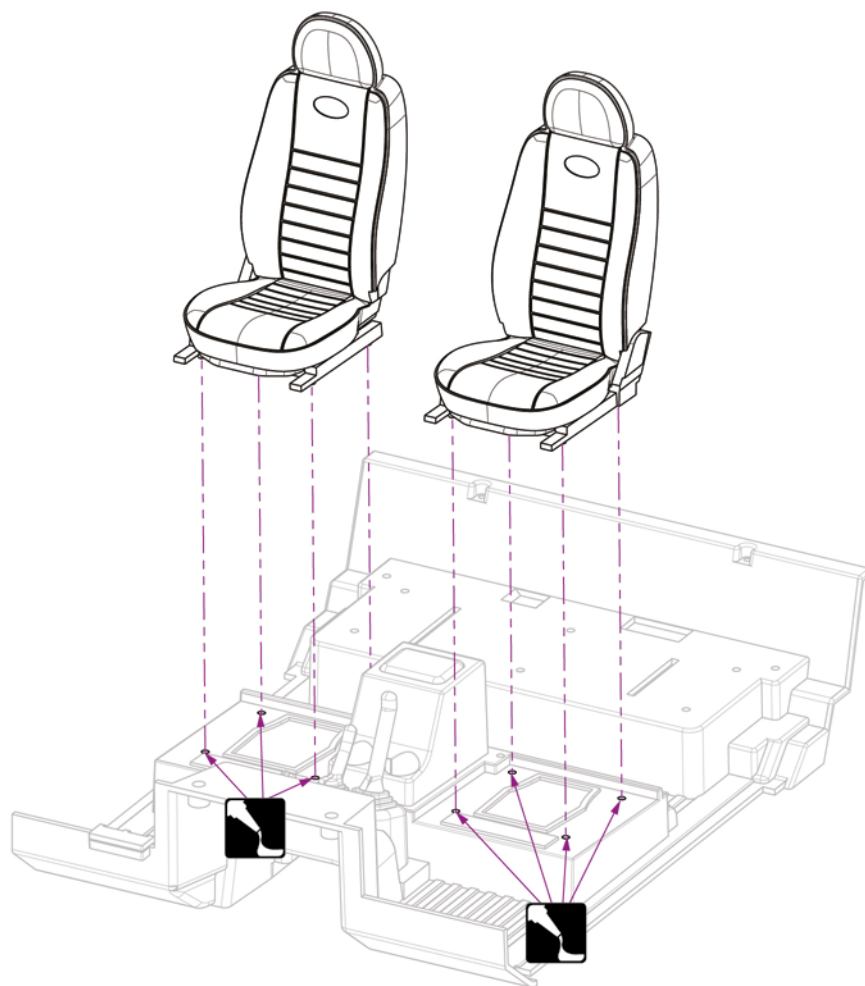
19

Glue the following to the floor panel (per diagram):

- Pedal assembly
- Handbrake
- Gear stick
- Arm rest
- Seat belt buckles

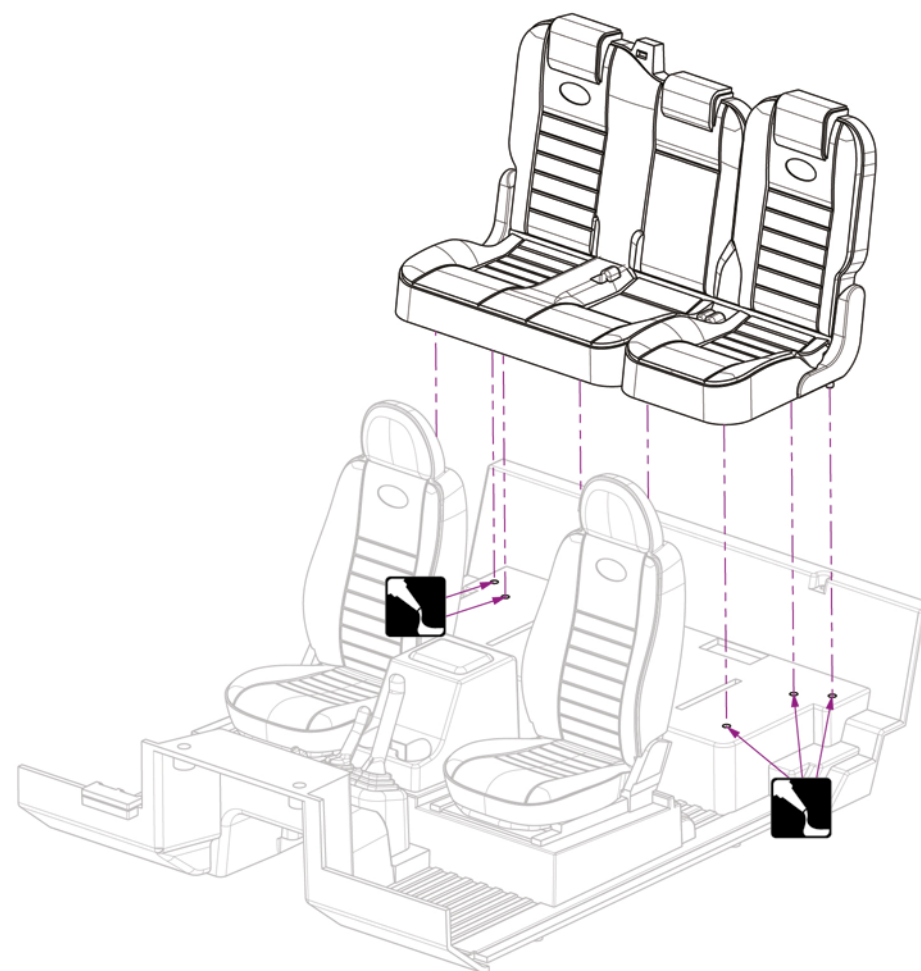
20

Glue the front seats to the floor panel (ensure correct orientation per diagram).



21

Glue the rear seat to the floor panel.



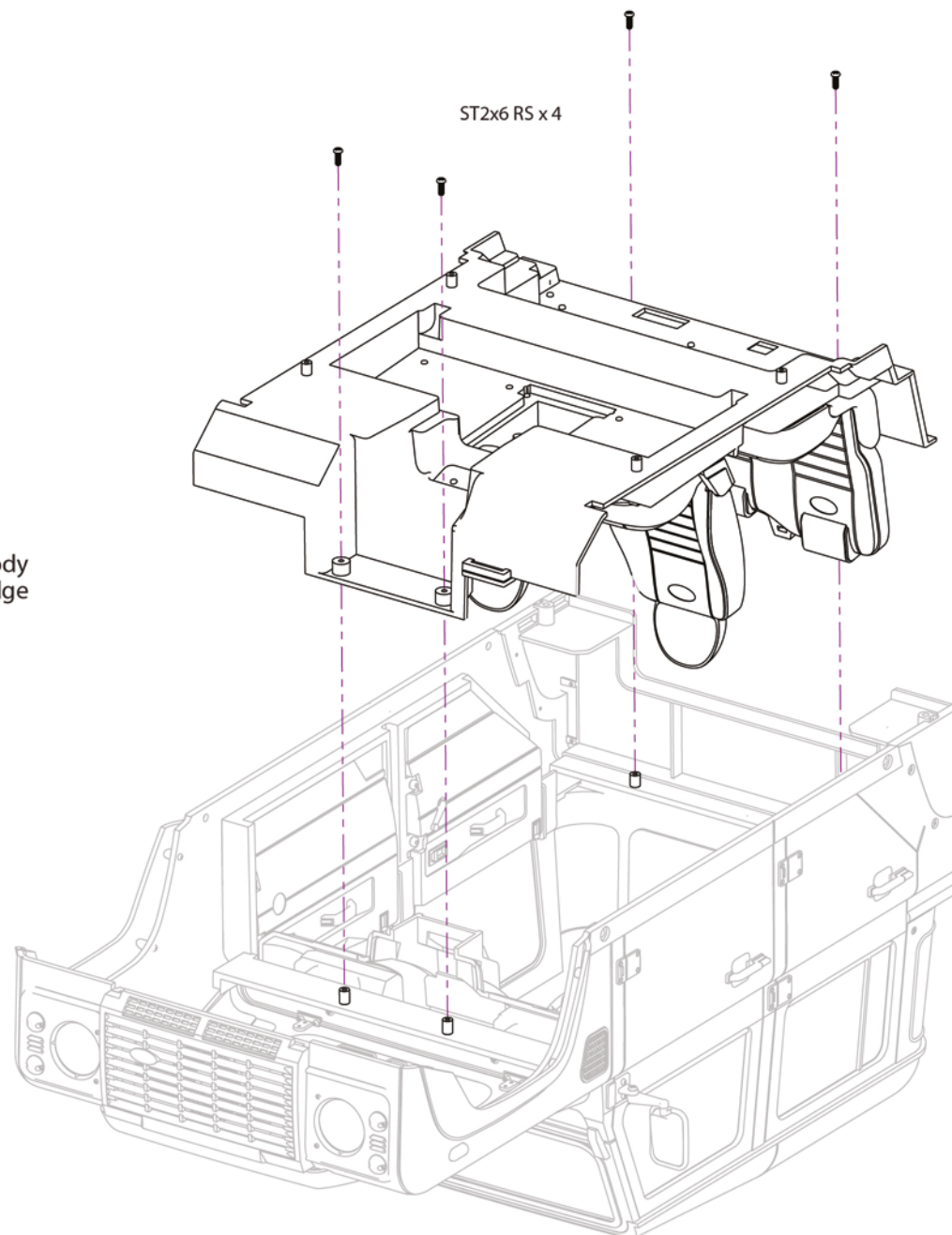
22



ST2x6 RS x 4

22

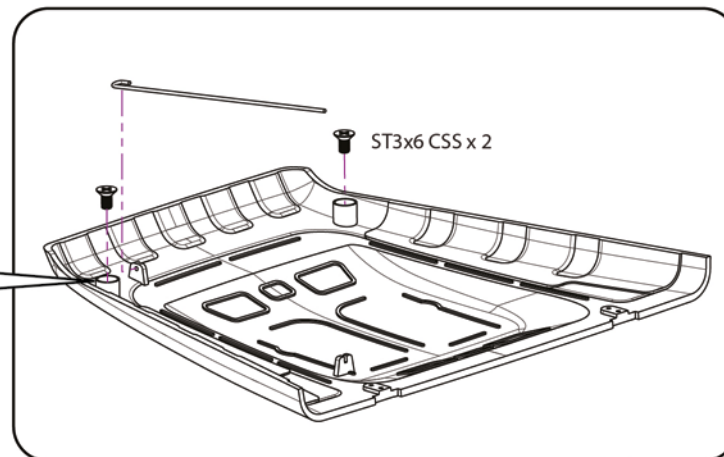
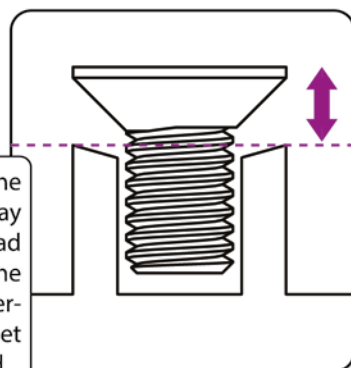
Attach the floor panel assembly to the main body with four ST2x6 screws. Tip: Insert the rear edge first for easier alignment.



Use the two STCS3x6 screws to adjust the height of the bonnet and how tight they latch to the magnet.



Do not tighten the screws all the way down. The head must not pass the dotted line, otherwise the bonnet can be damaged.

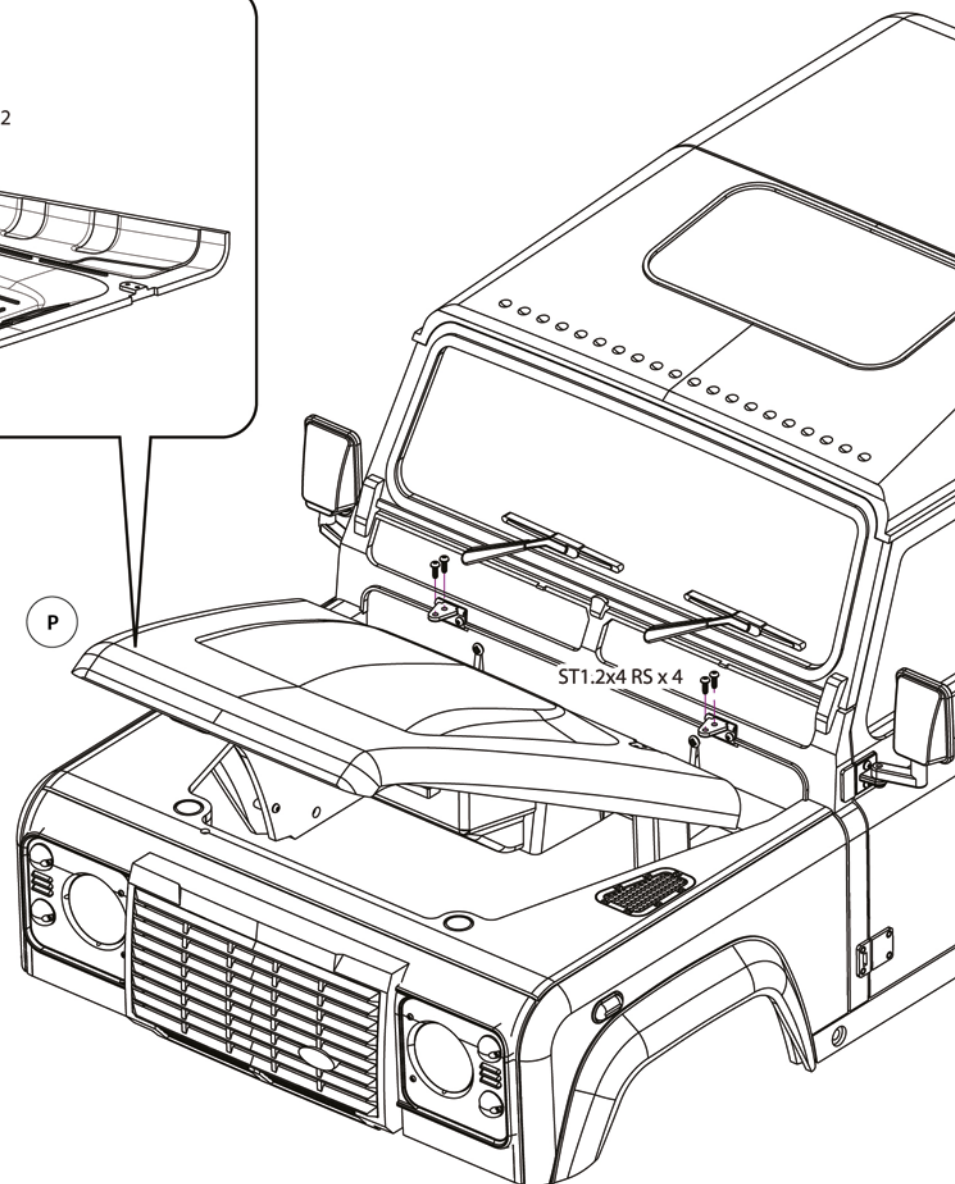


23

ST3x6 CSS x 2
 ST1.2x4 RS x 4

23

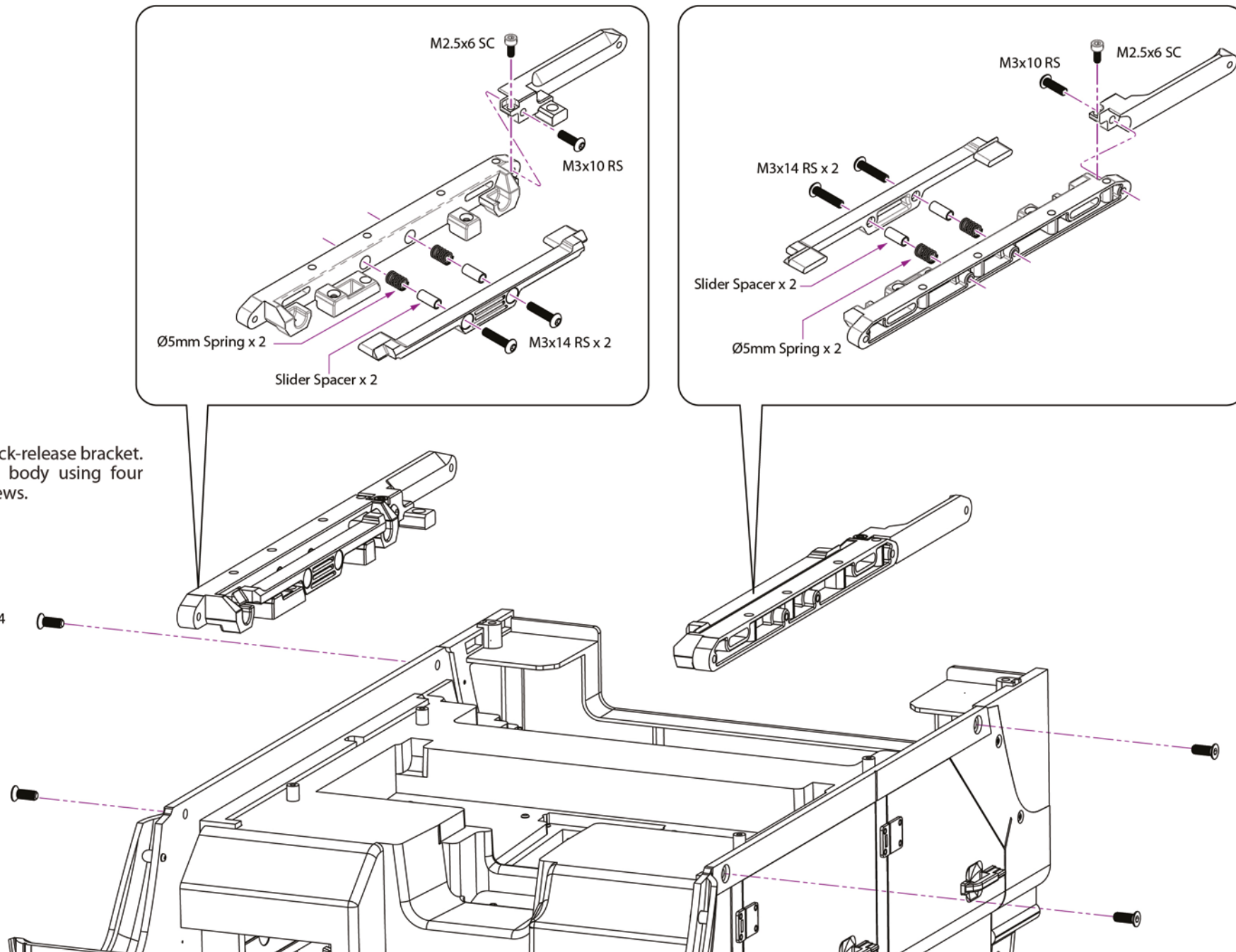
Attach the bonnet prop to the bonnet and attach two ST3x6 screws. Attach the bonnet to the pre-installed hinge on the main body using four ST1.2x4 screws.

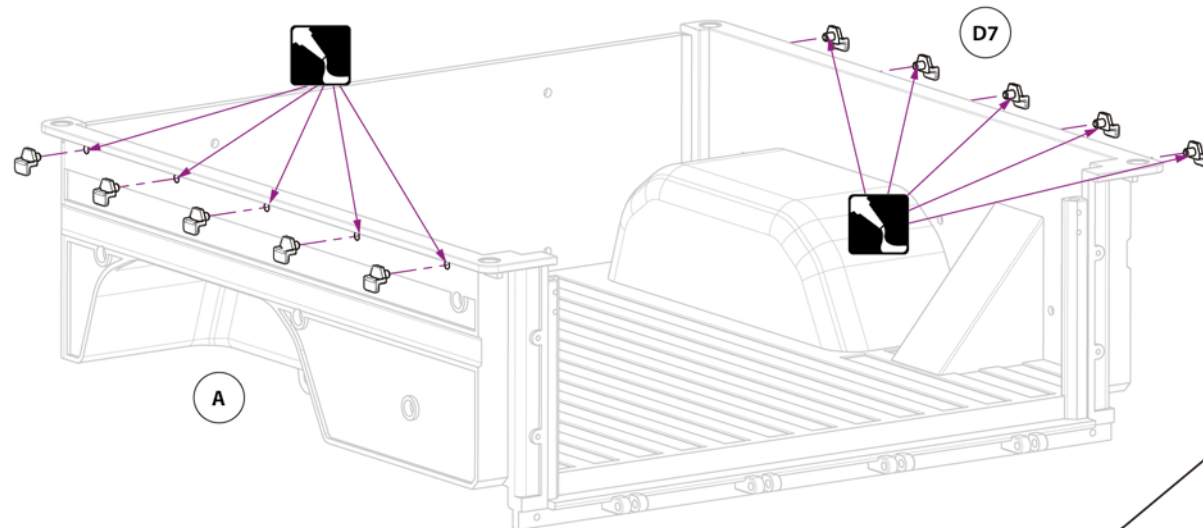


24

Assemble the body quick-release bracket.
Attach it to the main body using four
M3×8 countersunk screws.

M3x8 CSS x 4





25

Glue all ten side rope hooks to the main rear bed (per diagram locations).

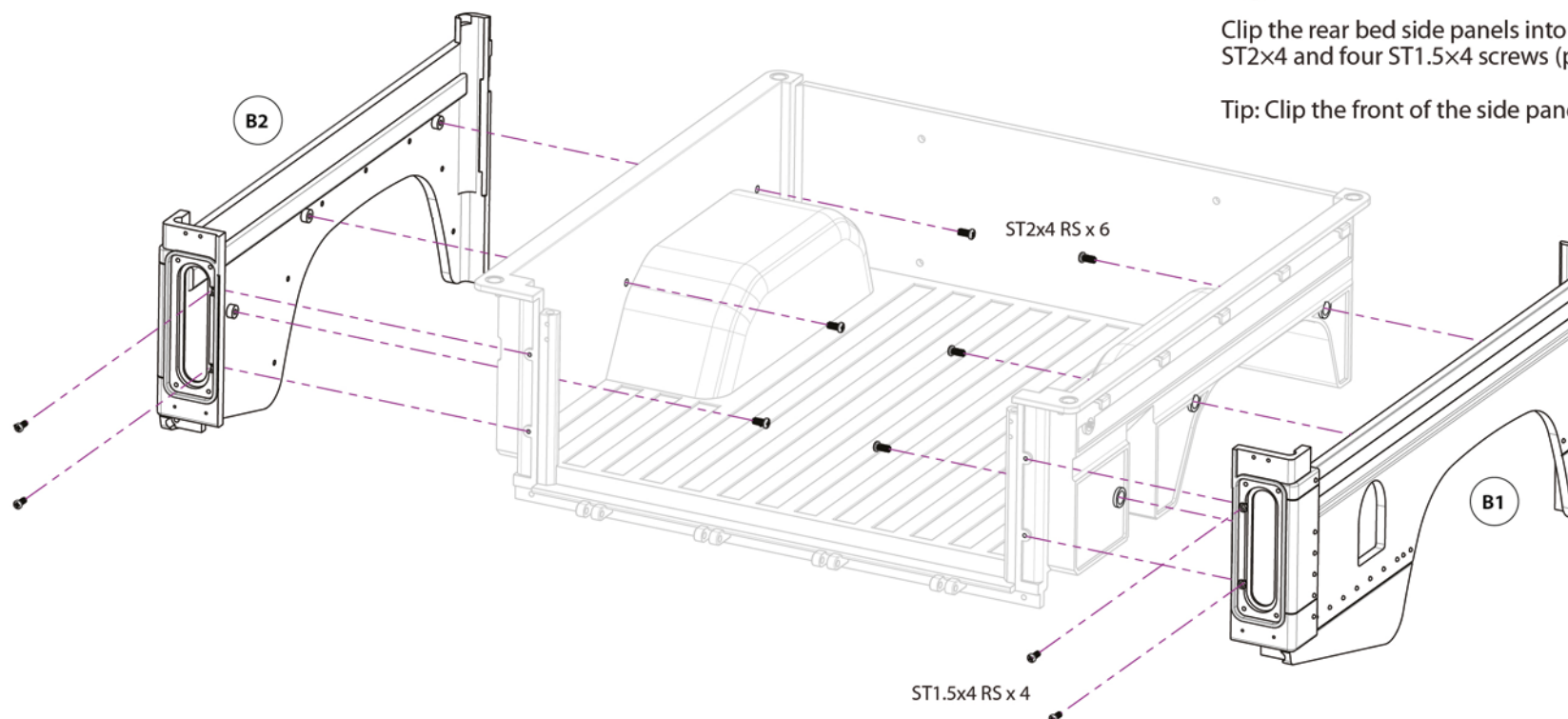
26

- ST1.5x4 RS x 4
- ST2x4 RS x 6

26

Clip the rear bed side panels into place. Secure both with six ST2x4 and four ST1.5x4 screws (per diagram).

Tip: Clip the front of the side panel first, then work rearward.

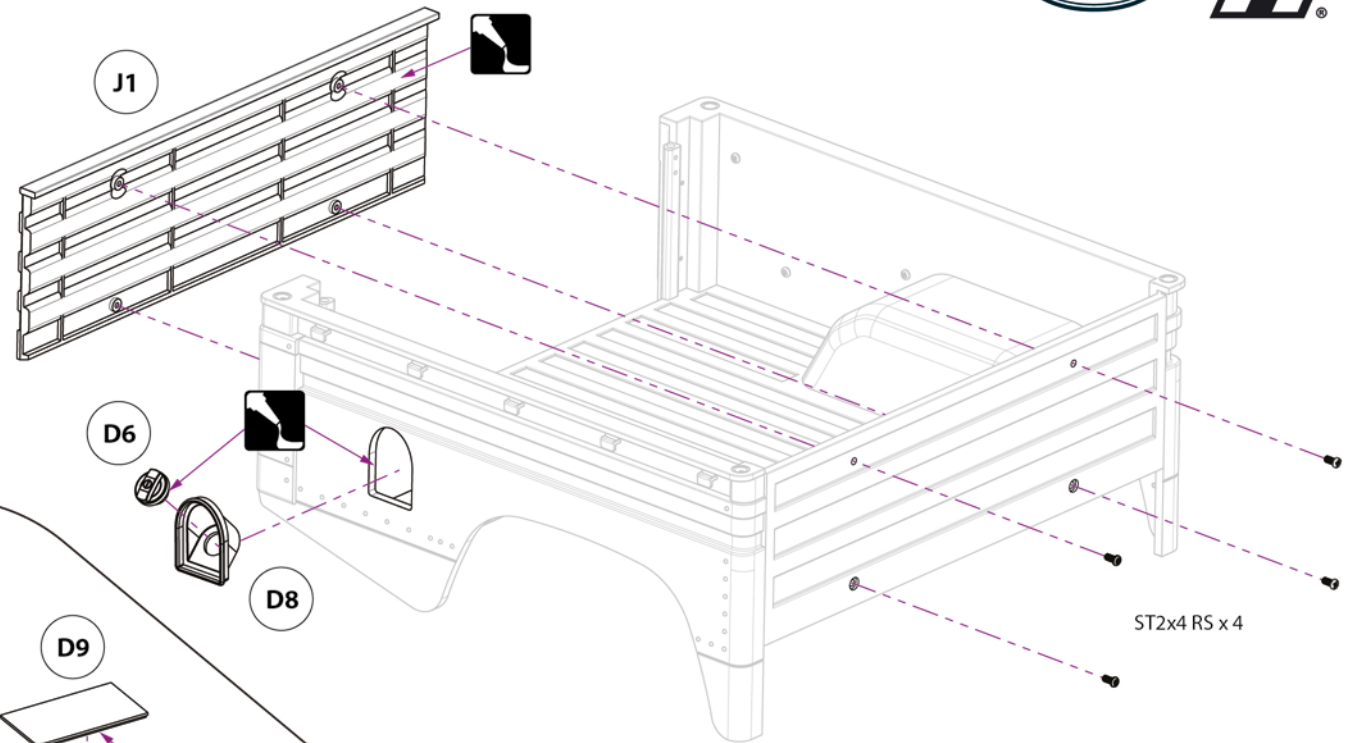


27

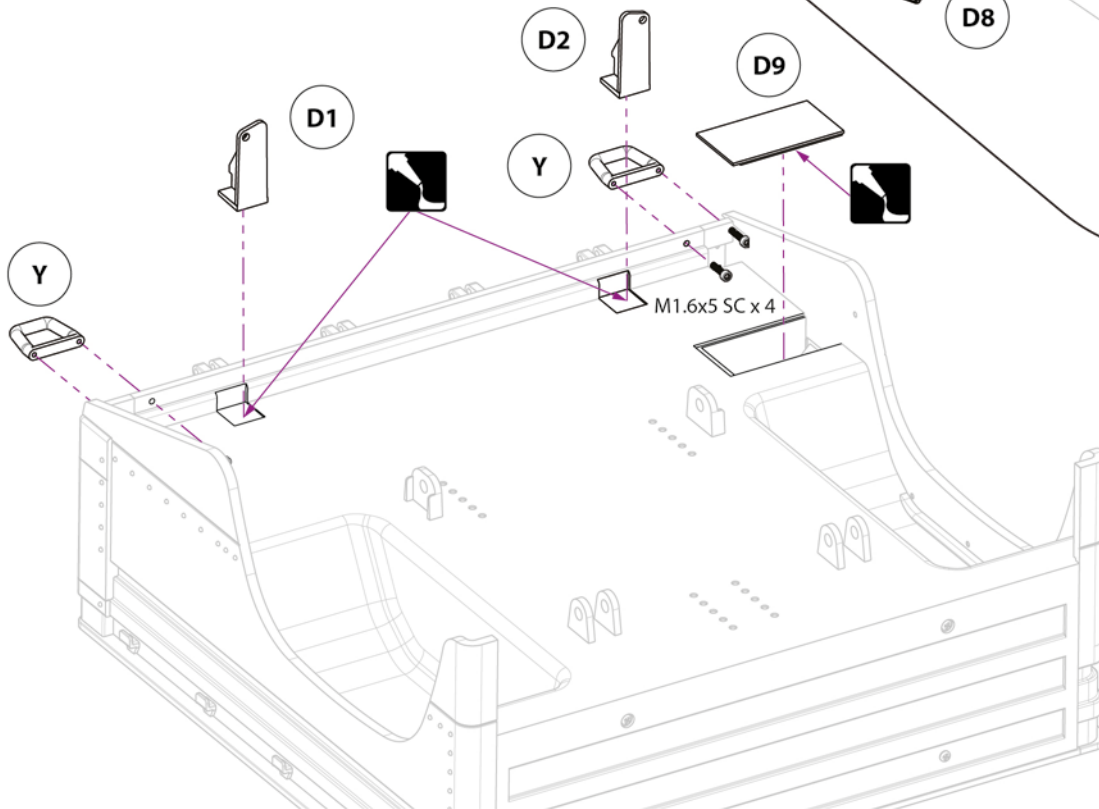
ST2x4 RS x 4

27

Attach the center rear bed panel with four ST2x4 screws and glue if you want for extra security. Glue the fuel filler cap into the surround, then glue the assembly into the main rear bed.



ST2x4 RS x 4



M1.6x5 SC x 4

28

M1.6x5 SC x 4

28

Glue the bottom fuel blank plate and the two rear lower mounting brackets to the underside of the main rear bed. Attach the two rear bumper steps with four M1.6x5 screws.

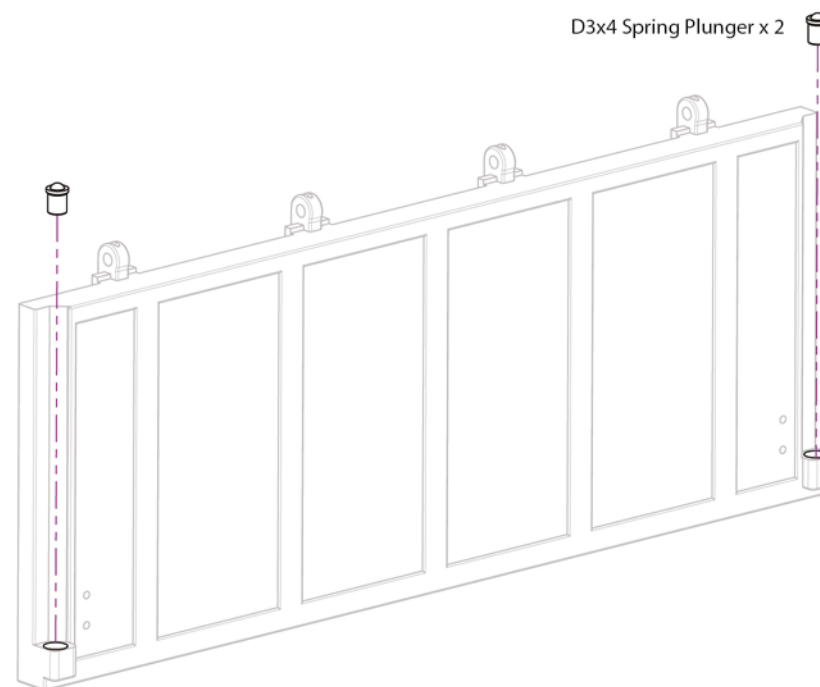
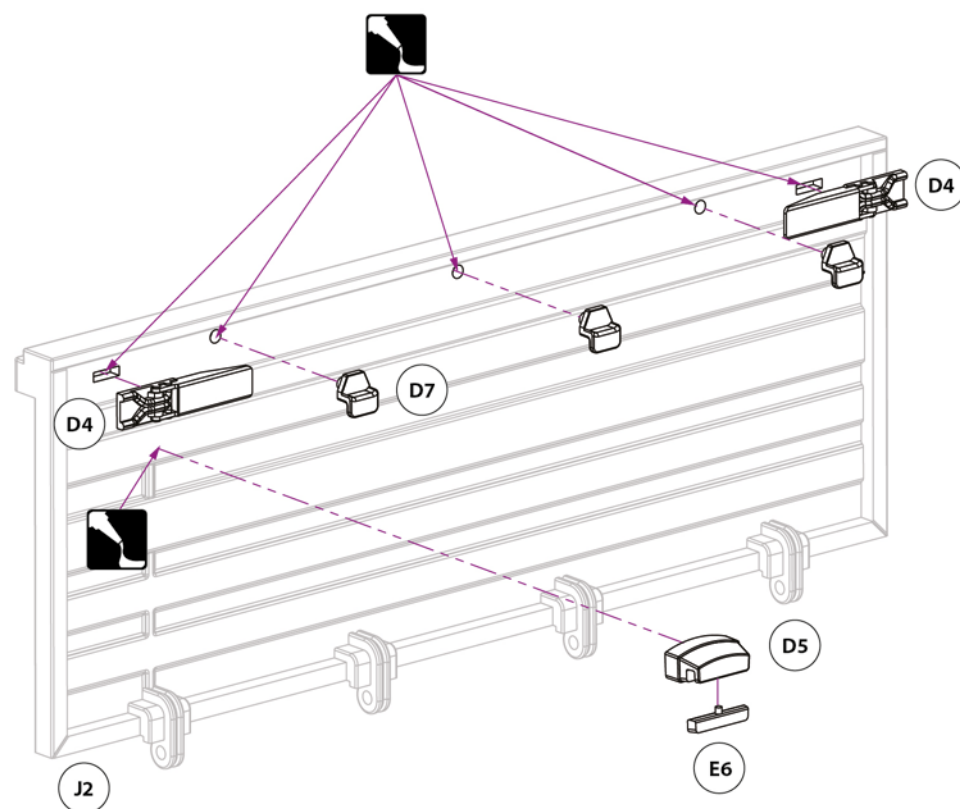
29



D3x4 Spring Plunger x 2

29

Glue the number plate light cover, rope hooks and two latches to the tailgate and insert the spring plunger.



30

ST1x4 RS x 20

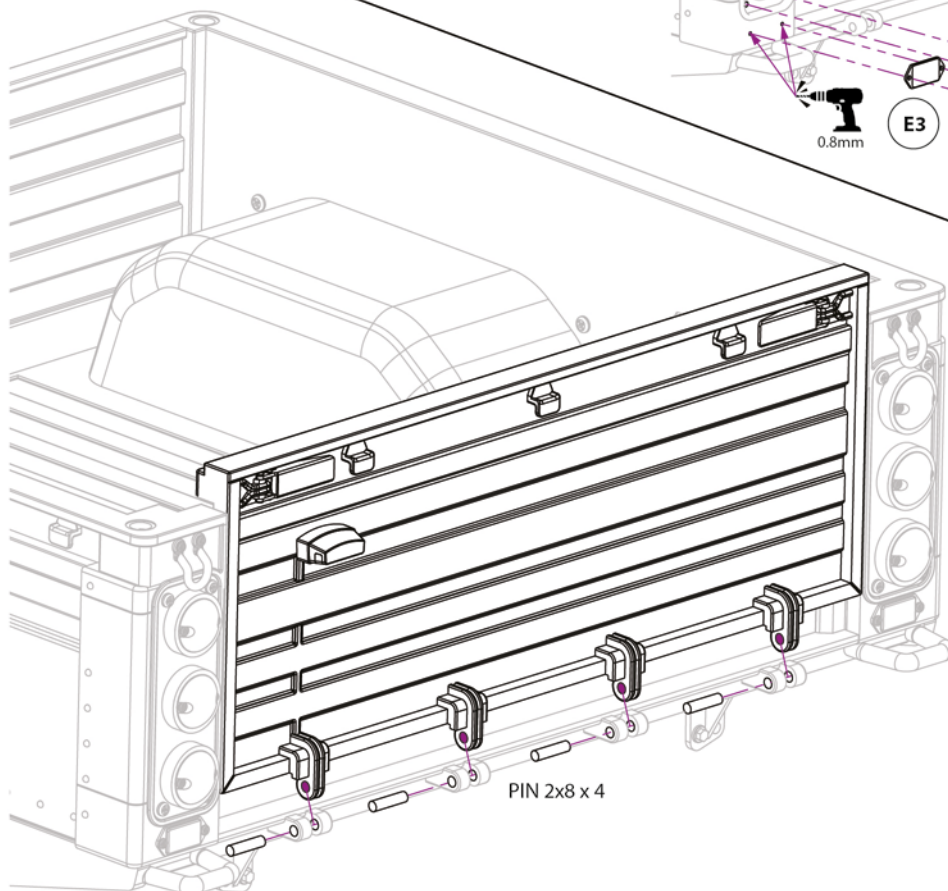
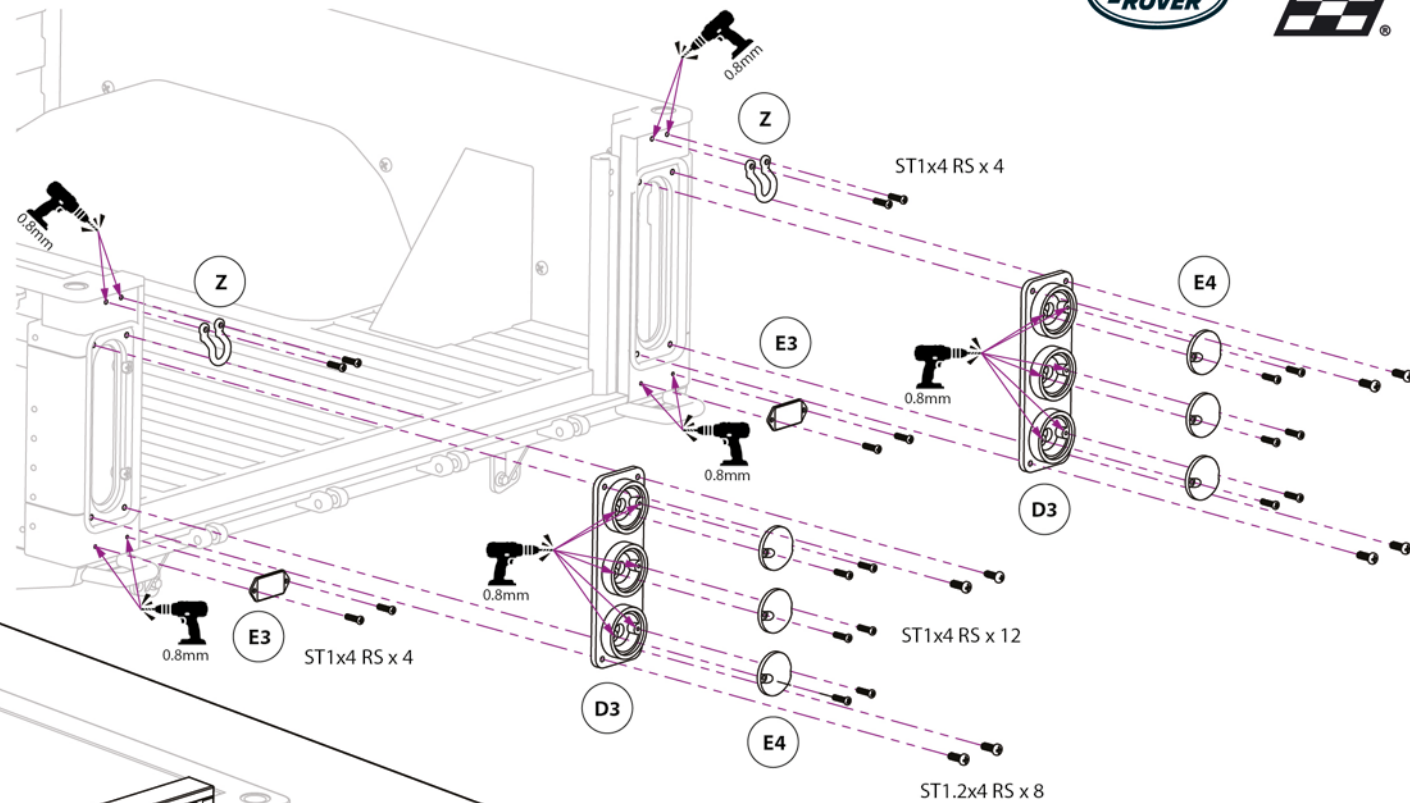
ST1.2x4 RS x 8



Ø0.8mm Drill Bit

30

Attach the U-hooks, rear light lenses and two lower reflectors with twenty ST1x4 screws. Attach the rear light mounting plate with eight ST1.2x4 screws (per diagram).

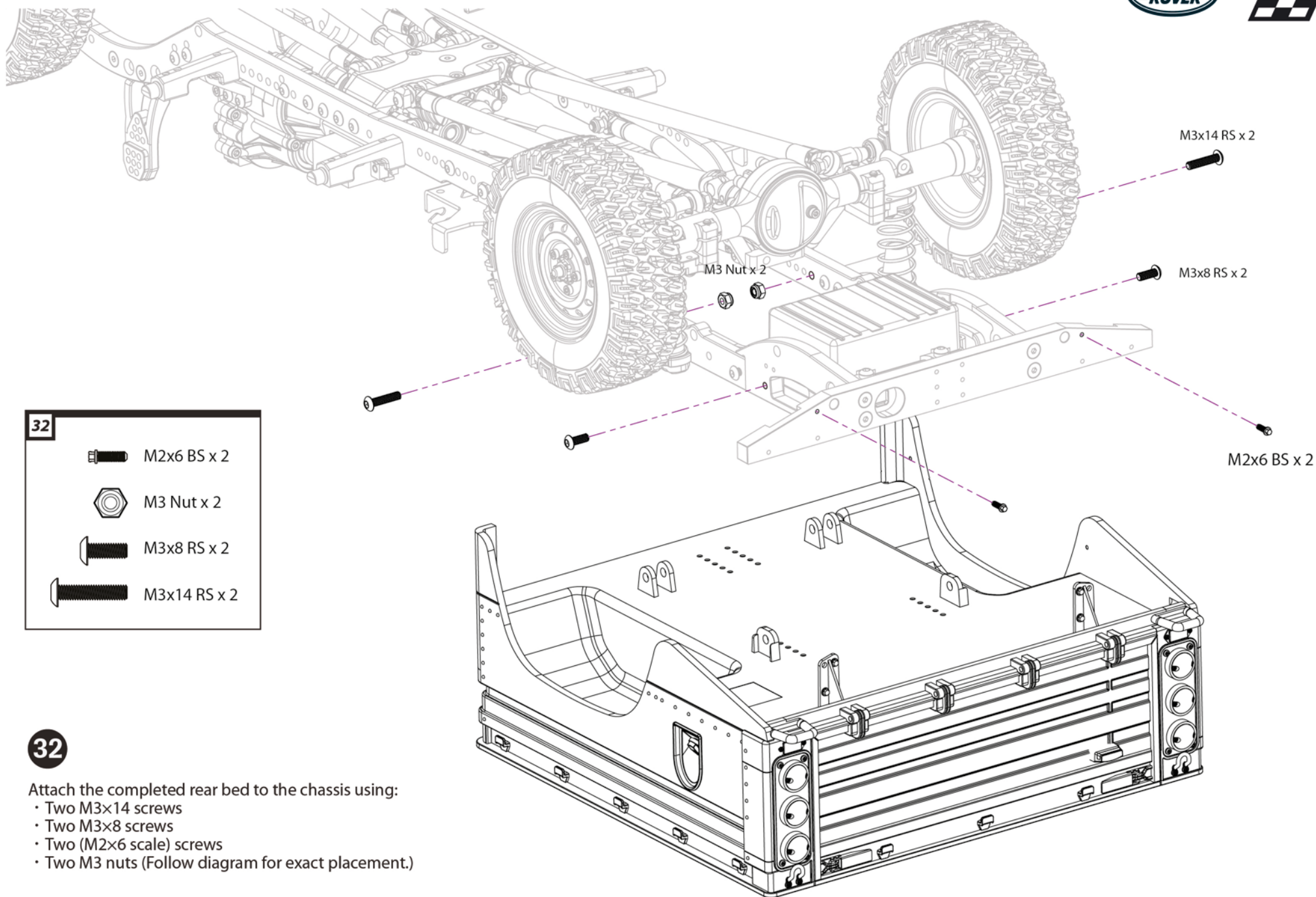


31

PIN 2x8 x 4

31

Attach the tailgate to the main rear bed using four 2x8x4 pins (ensure free movement).



32

M2x6 BS x 2



M3 Nut x 2



M3x8 RS x 2

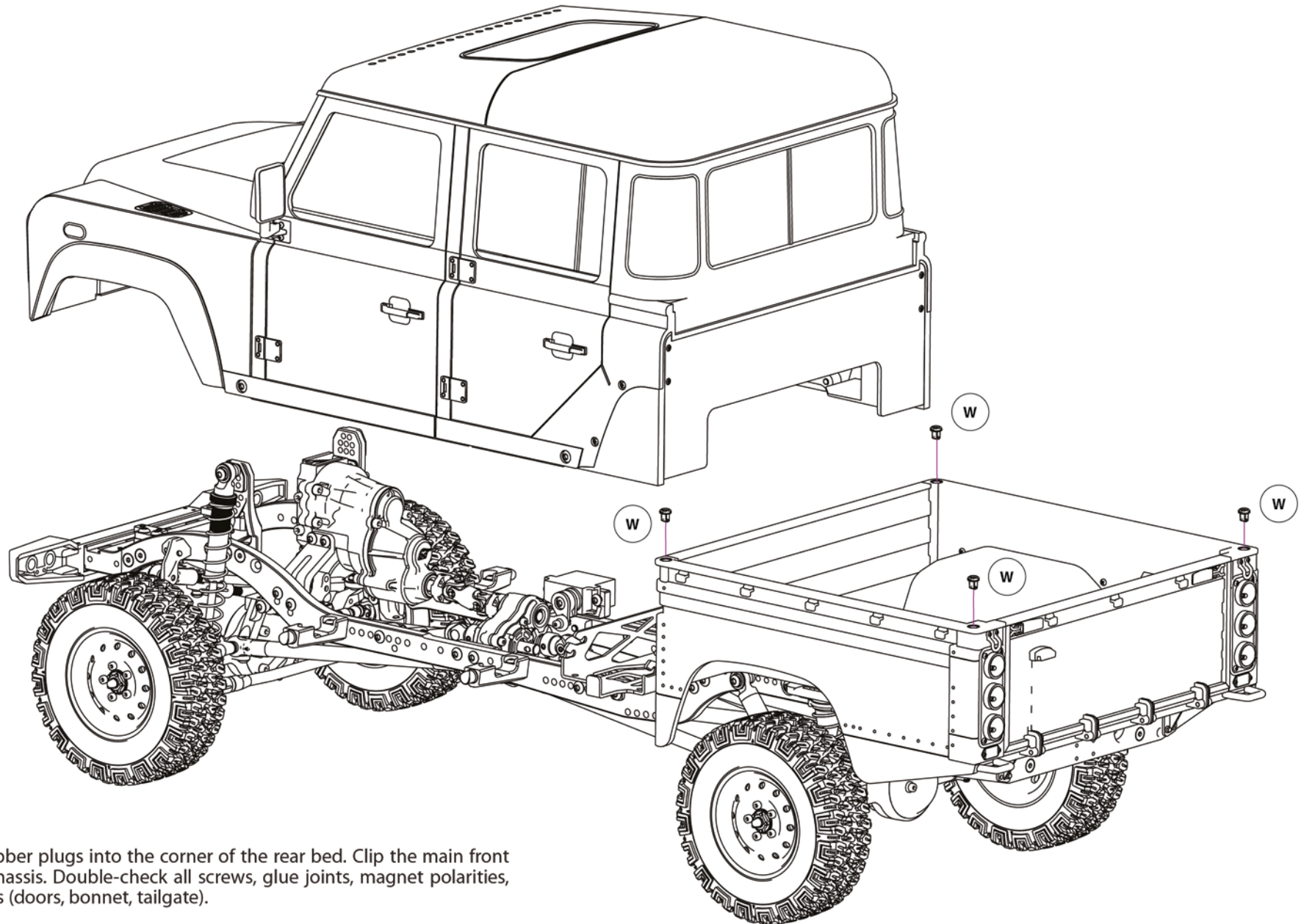


M3x14 RS x 2

32

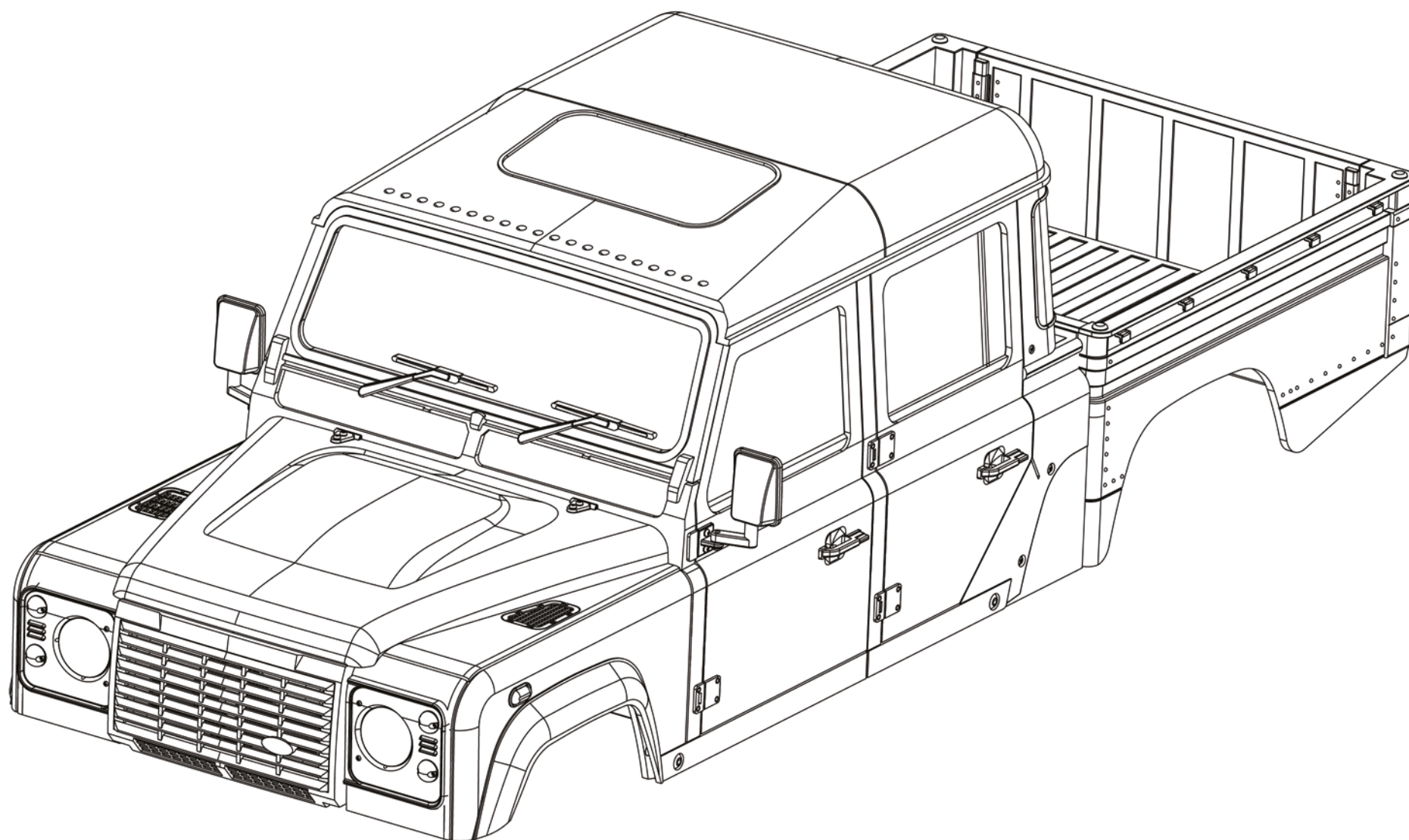
Attach the completed rear bed to the chassis using:

- Two M3x14 screws
- Two M3x8 screws
- Two (M2x6 scale) screws
- Two M3 nuts (Follow diagram for exact placement.)

**33**

Push the four rubber plugs into the corner of the rear bed. Clip the main front body onto the chassis. Double-check all screws, glue joints, magnet polarities, and moving parts (doors, bonnet, tailgate).

Congrats, your D130 hard body is now ready to shine!





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