

# RHINO-RACK®

## FORD Everest U704 Gen3

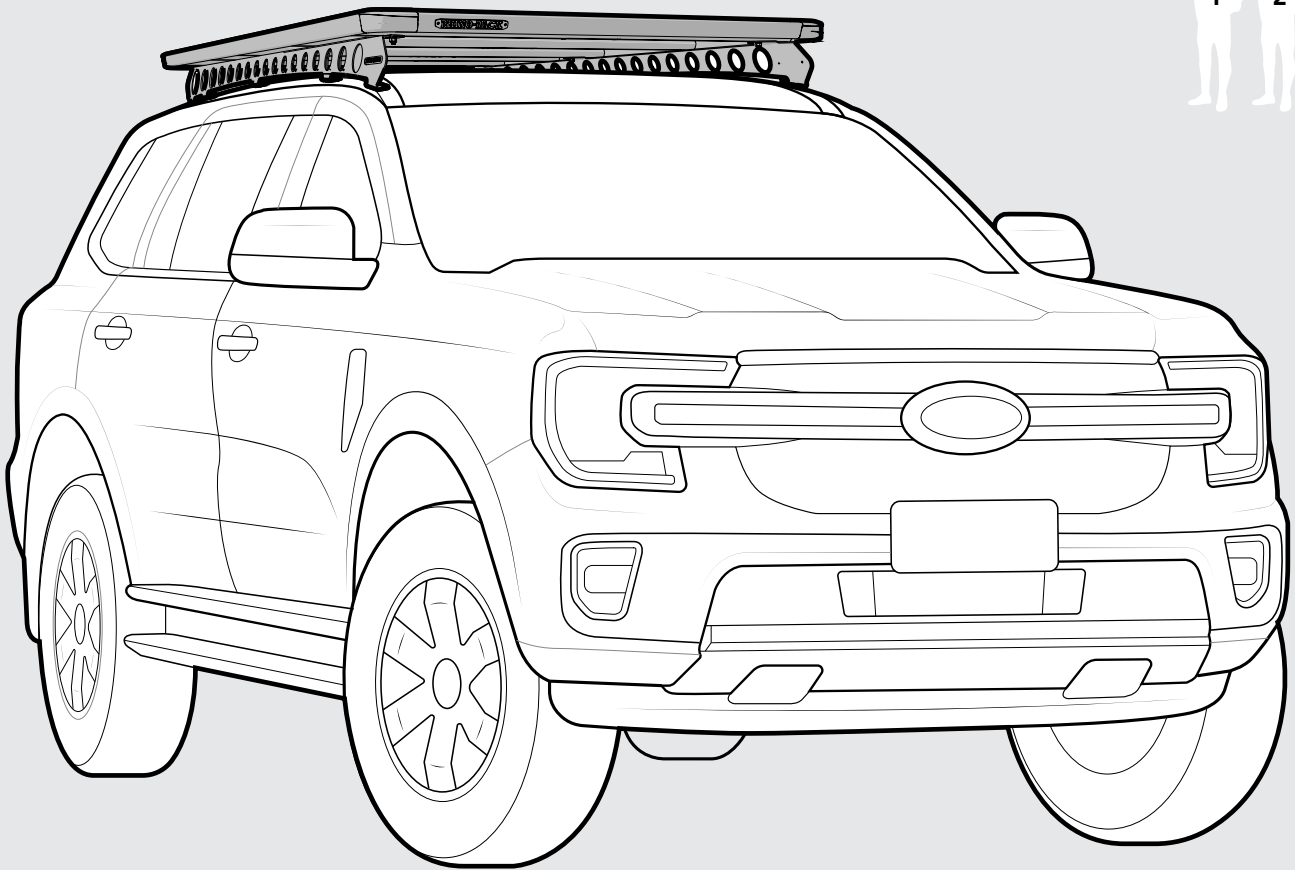
RFEB2

**Important:**

1. Check the Rhino-Rack website to ensure you have the latest issue of these instructions.
2. Please refer to your fitting instruction to ensure that the accessory is installed in the correctly.
3. Check the contents of kit before commencing fitment and report any discrepancies.
4. Place these instructions in the vehicle's glove box after installation is complete.
5. These instructions must be followed for warranty to be upheld.

**Fit Time:** 150mins

TWO-PERSON  
INSTALLATION



**RHINORACK.COM**

Document No: 520-RFI-00125

Issue No: 01

Issue Date: 18/05/2023

Distribute loads evenly and longitudinally as low as possible over the span.

Avoid point loads concentrated at the front or rear.

Exercise extreme care when transporting wind-resistant loads. Special consideration must be taken when cornering and braking.

Off-road conditions can be much more rigorous. Extreme care must be taken on any driven path that does not contain a surface protection layer (tar/bitumen).

Long flexible loads must attach securely to rigid support and be tied down to the bonnet

Surfboard Overhang > 600mm / 23 5/8in must be tied to the bonnet


Use only non-stretch fastening ropes or straps to attach cargo to roof racks

Do NOT obstruct windscreen camera sensors

Warranty for roof rack system will be void if the front of the kayak is not secured to the bonnet


Racks must be removed when vehicle is put through an automatic car wash.

Ensure Ladder is well supported on the ground to support tent. Take extreme caution when climbing heights above 1.2m/4ft.

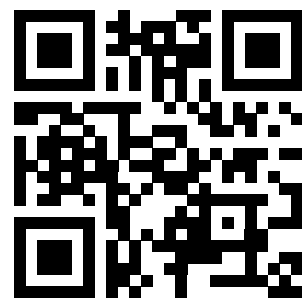


Ensure sunroof will not collide with roof rack system.



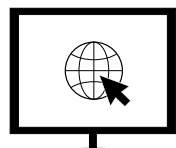


Youtube.com/Rhinorackaustralia

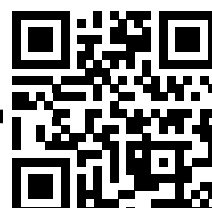


## Carrying Capacity

Check the website and the vehicle owners hand book for your vehicle manufacturer’s maximum carrying capacity. Load must be evenly distributed over the system.



rhinorack.com/  
load-rating-calculator



LOAD RATING CALCULATOR

SELECT YOUR VEHICLE

MANUFACTURER

MODEL

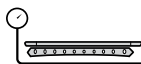
YEAR

BODY TYPE



### Cargo Load Limit

Total permissible weight allowed on top, and attached to the rack whilst the vehicle is in motion.



### System Weight

Total weight of the rack system. (e.g. Crossbars, Backbone, Platform)



### Max System Load Capacity

Please ensure you use the vehicle manufacturer’s maximum roof allowance if it is lower than the figure listed in the fitting chart/ supplement.



### Vehicle Manufacturer’s Load Limit

Total permissible weight attached to the rack. This is inclusive of the weight of the rack system.

## In service maintenance checks

- All bolt connections should be checked after driving a short distance when you first install your roof racks.
- All bolted connections should be checked again at regular intervals (weekly is recommended, depending on road conditions, usage, loads and distances travelled).
- All bolted connections should be checked each time they are re-fitted.
- Off-road conditions are more rigorous. Check all bolted connections and your load more regularly.
- Ensure that your vehicle manufacturer’s GVM, and gross axle weights are not exceeded (refer to vehicle owner’s manual).

### Torque Settings:


Unless stated otherwise in these instructions, all fasteners should be set to the following torque settings:



**4-5Nm**  
3-4lbs/ft



**8-10Nm**  
6-7.5lbs/ft



**16-18Nm**  
12-13lbs/ft

## Note for Dealers and Fitters

It is your responsibility to ensure these fitting instructions are given to the end user or client. These instructions remain the property of Rhinorack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.

## Warranty

We love creating our products for you and hope you love using them too. For complete peace of mind, register your product at [www.rhinorack.com/warranty](http://www.rhinorack.com/warranty). This way, we can quickly help you with any future approved fitment warranty claims.

And remember – never to forget to **Make Space For Adventure!**

**Join the Herd!**

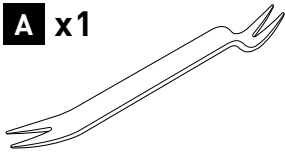


# PARTS LIST

## P1 PHASE 1 - ROOF PREPARATION

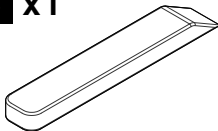
Trim Tool

**A** x1



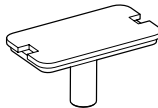
Nylon Scaper

**B** x1



Cover Plate with Gasket

**C** x2



M6 Nyloc Nut

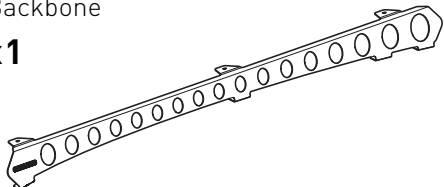
**D** x2



## P2 PHASE 2 - BACKBONE INSTALLATION

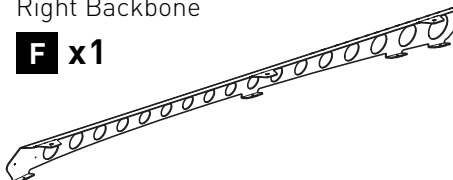
Left Backbone

**E** x1



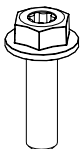
Right Backbone

**F** x1



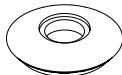
M6 x 20mm Hex Bolt

**G** x8



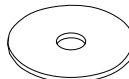
M6 Sealing Washer

**H** x8



M6 Washer

**I** x8



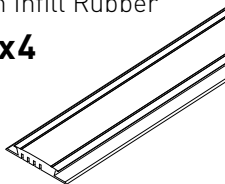
M6 Nyloc Nut

**J** x8



Ditch Infill Rubber

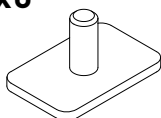
**K** x4



## P3 PHASE 3 - PIONEER PLATFORM INSTALLATION

T-Bolt

**L** x6



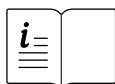
M8 Nyloc Nut

**M** x6



Fitting Instruction

**N** x1



### TOOLS REQUIRED:

- T1 - 6mm Hex Socket
- T2 - 75mm Extension Bar
- T3 - Small Flathead Screwdriver
- T4 - T20 Torx Bit
- T5 - T30 Torx Bit
- T6 - T50 Torx Bit
- T7 - Masking Tape
- T8 - Scissors

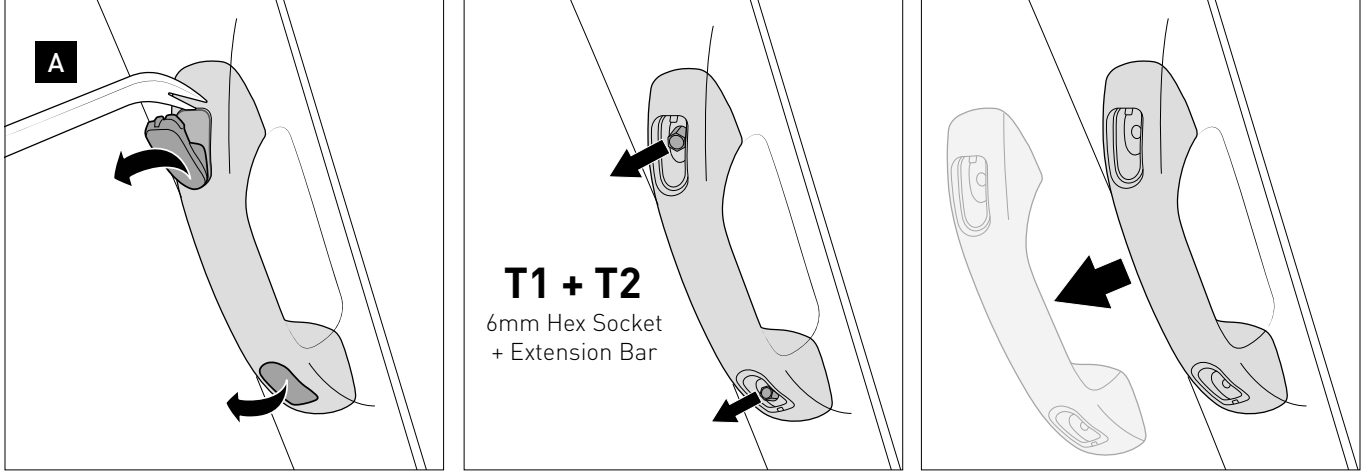
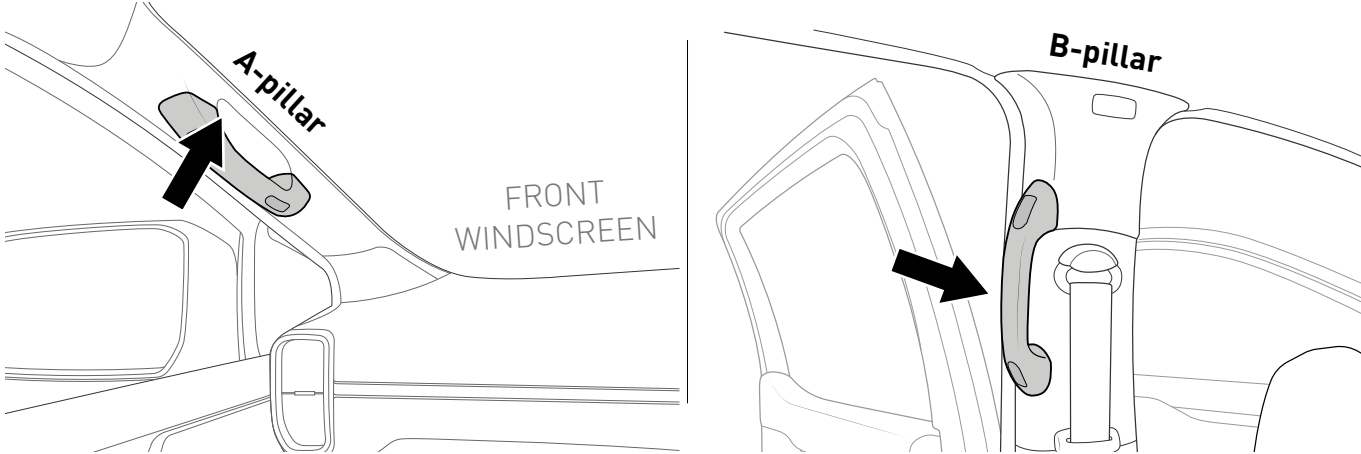
- T9 - Phillips Head Screwdriver
- T10 - 10mm Hex Socket
- T11 - Cleaning Rag
- T12 - 10mm Open-ended Spanner
- T13 - Torque Wrench 4-50Nm
- T14 - Needle Nose Pliers
- T15 - Ruler / Tape Measure
- T16 - 13mm Spanner

**NOTE:** For ease of re-fitting, prepare a bench to safely store removed parts while lowering the roof lining between Step **1** - **31**

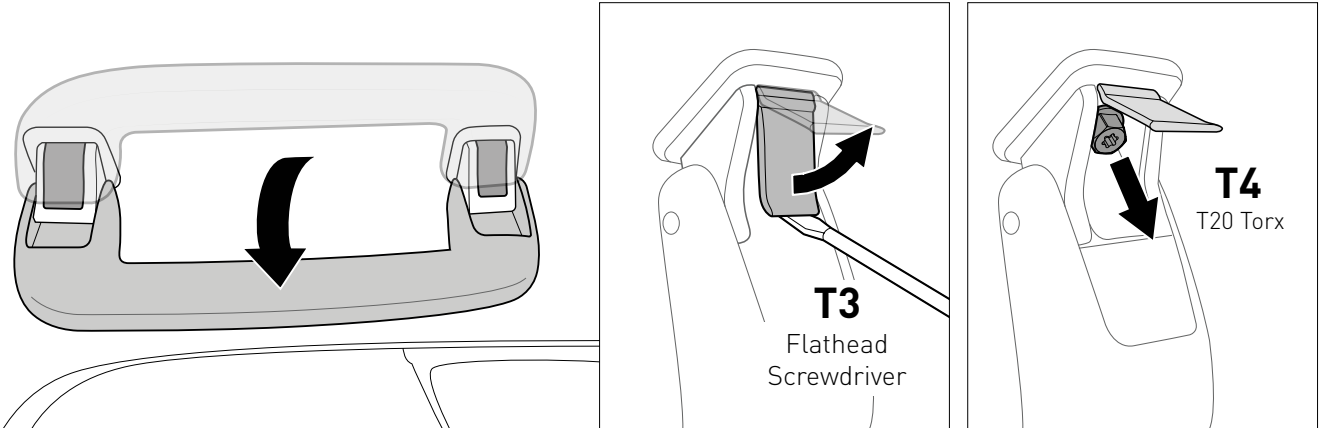
# INTERNAL ROOF LINING DROP - For All Variants

P1  
▼

**1** Remove all A and B-pillar grab handles by first removing end caps then bolts.  
**NOTE:** Store all internal trimming and hardware in a safe location, for ease of re-fitment.

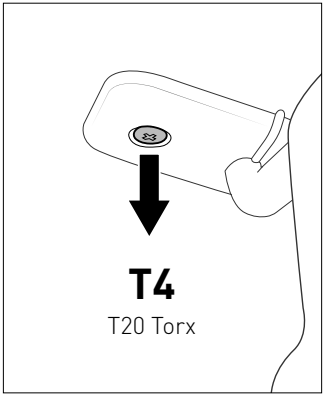
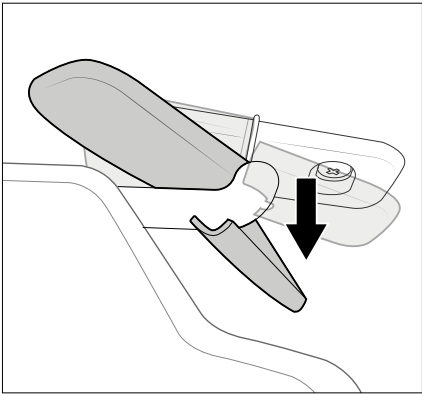
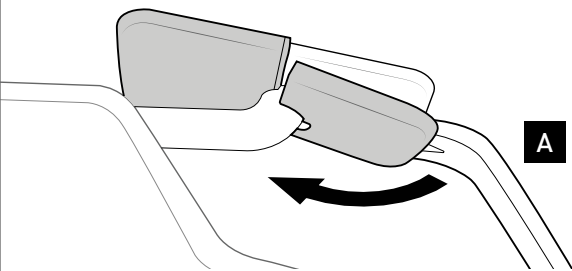


**2** Remove **all four** roof grab handles.



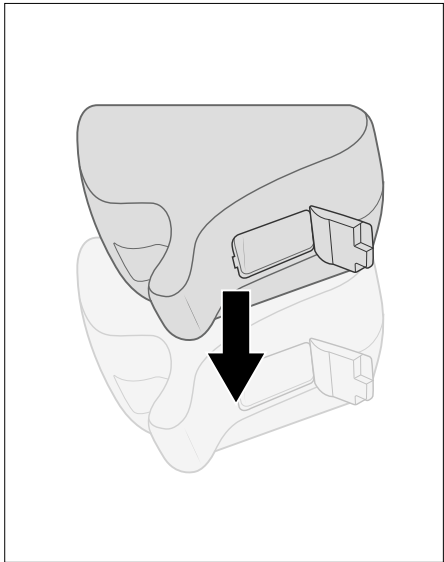
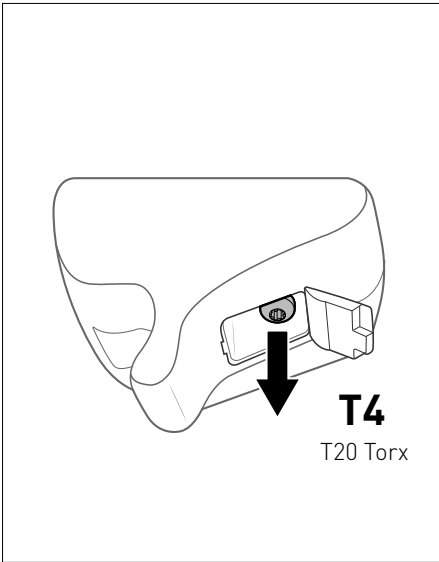
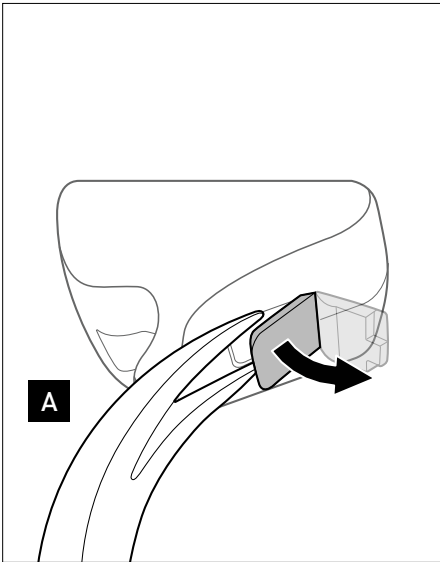
**3** Remove both **FRONT Left** and **FRONT Right** visors.

**NOTE:** Swivel visors out to side windows for better access to connectors

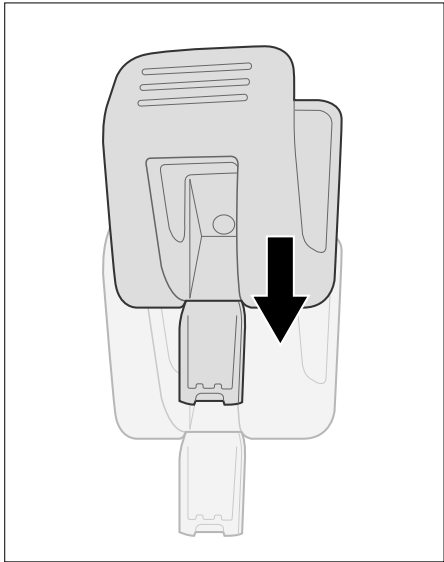
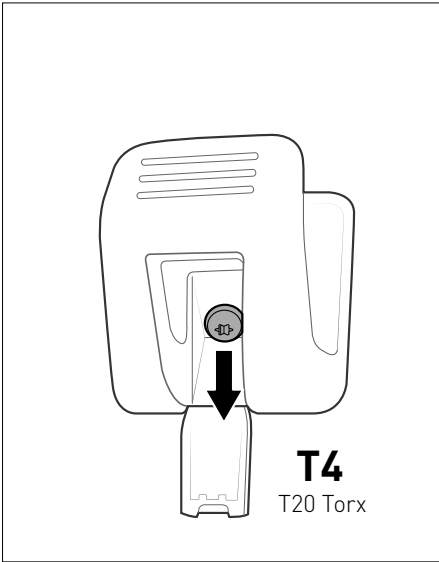
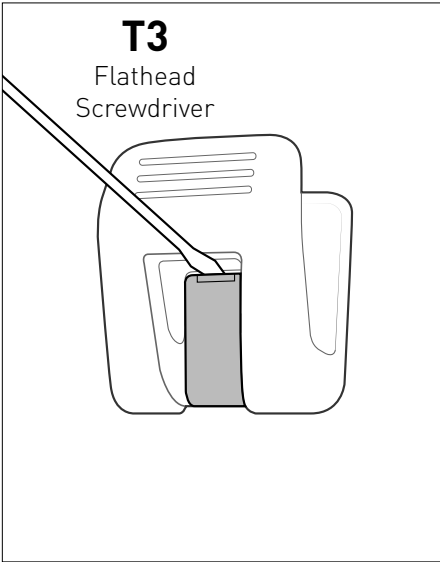


**NOTE:** Unclip Visor light wiring from within

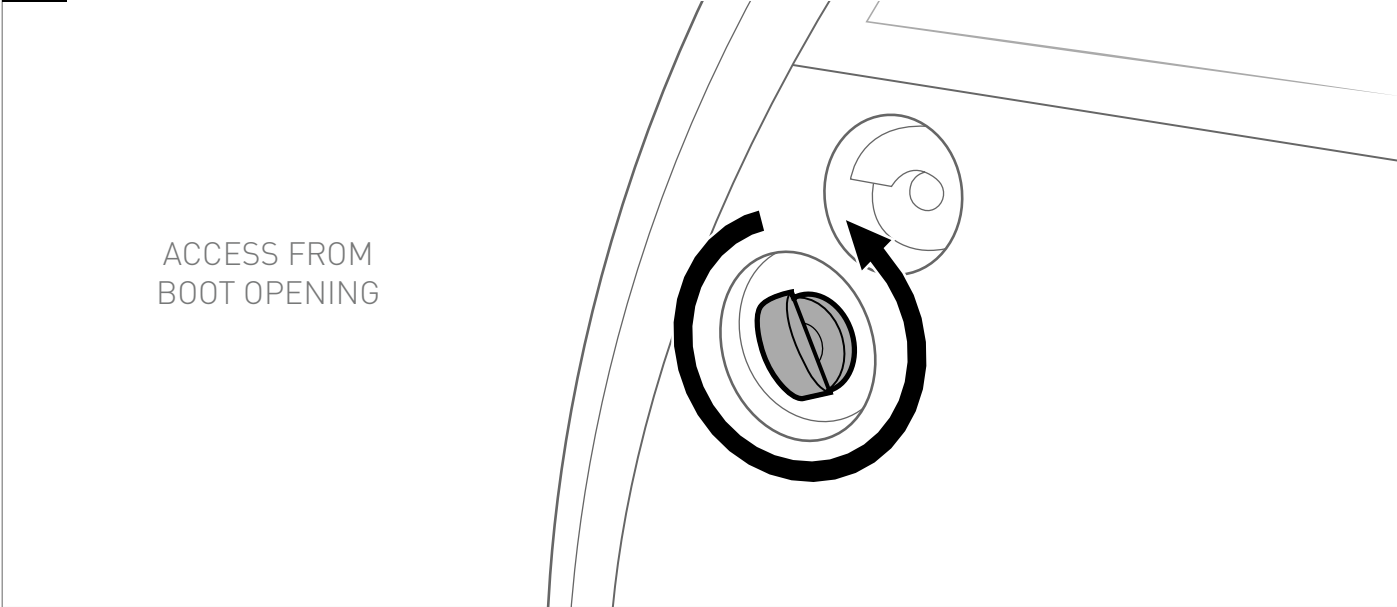
**4** Remove **FRONT Left** and **FRONT Right** visor roof clips.



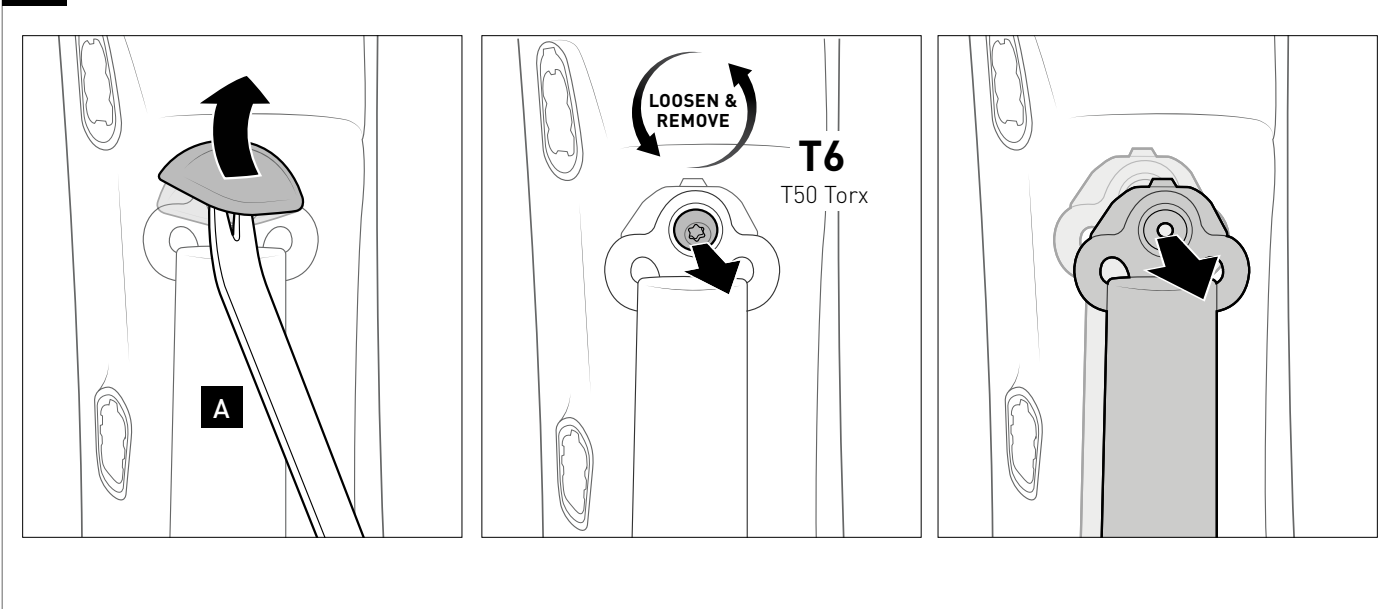
**5** Remove **REAR** coat hanger clips.



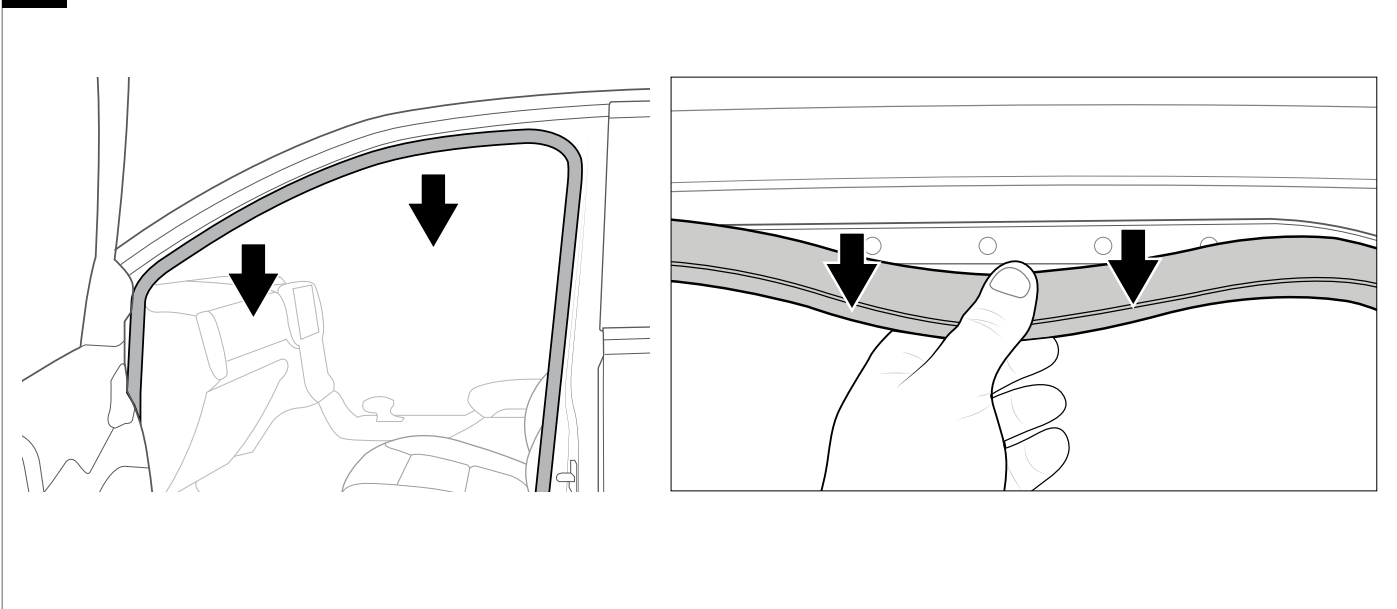
**6** Remove lower **D-Pillar** panel hooks at the REAR of both sides of the vehicle.



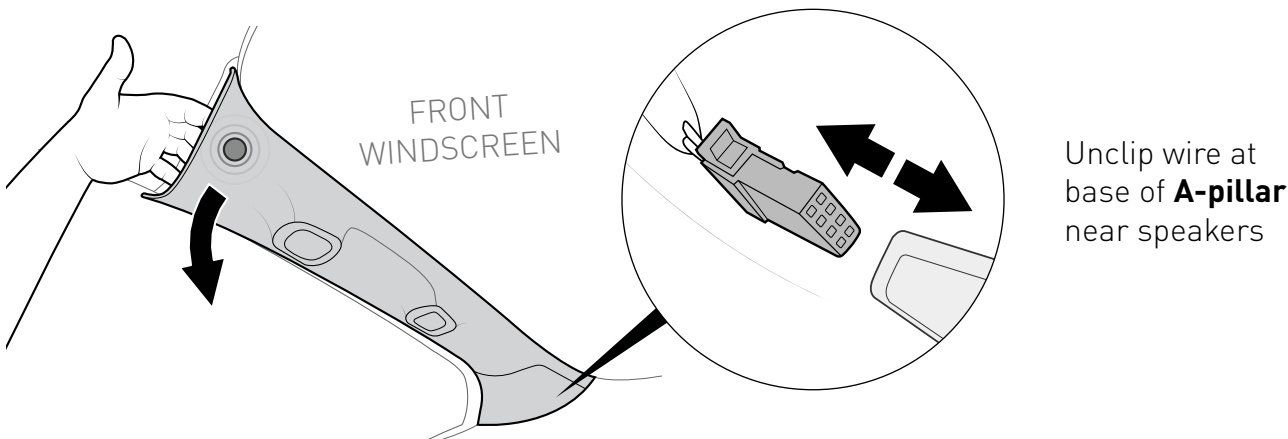
**7** Remove **B-pillar, C-pillar and D-pillar** seatbelts (Total 6 Seatbelts).



**8** Pull rubber seal down, on all doors.

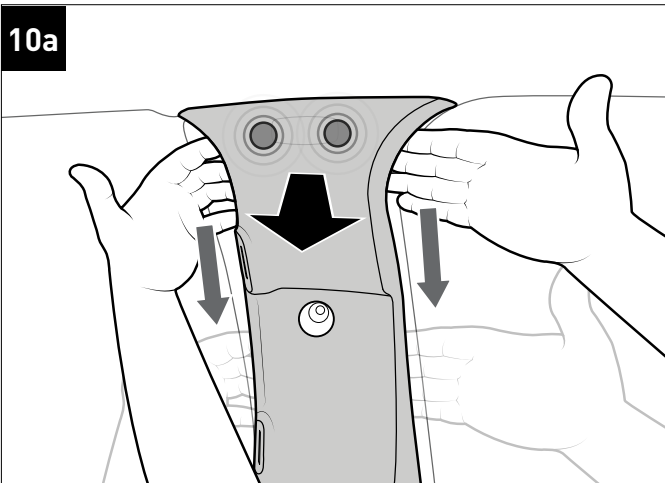


9 Unclip and remove **A-pillar** covers.

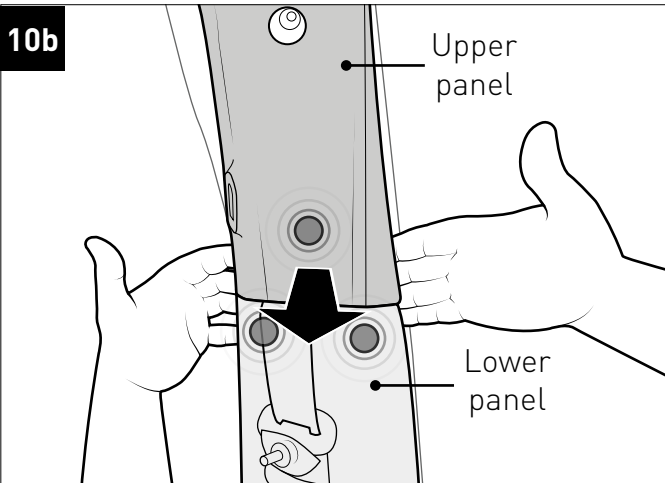


10 Unclip upper **B-pillar** covers first, then move hands down to unclip the middle clips.

10a

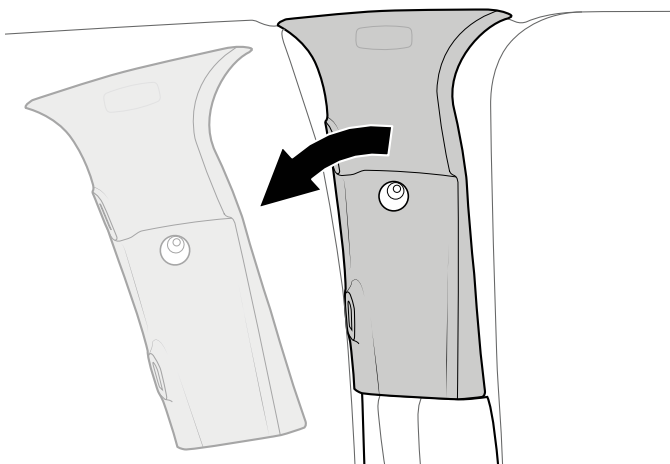


10b

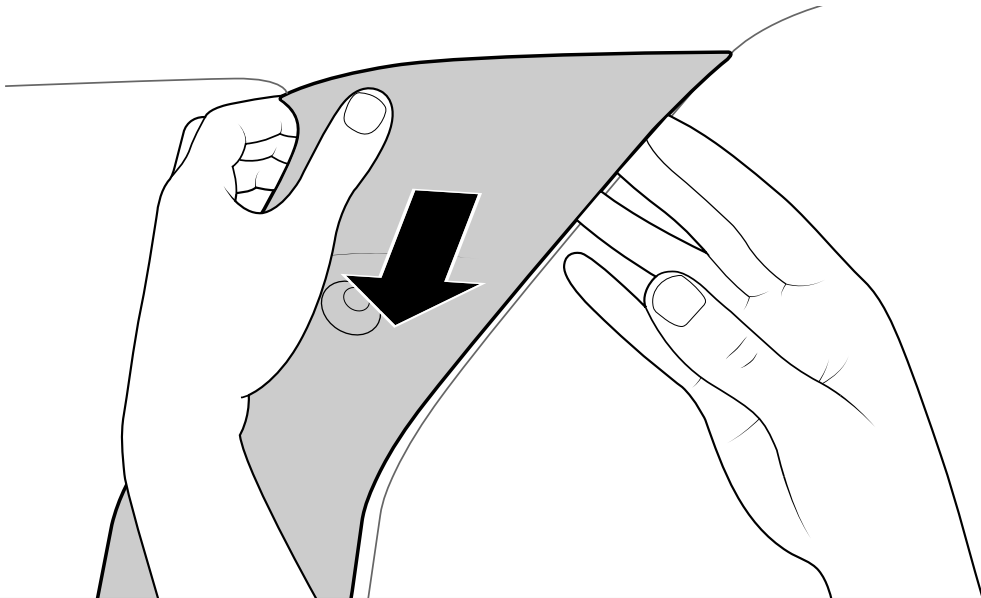


10c

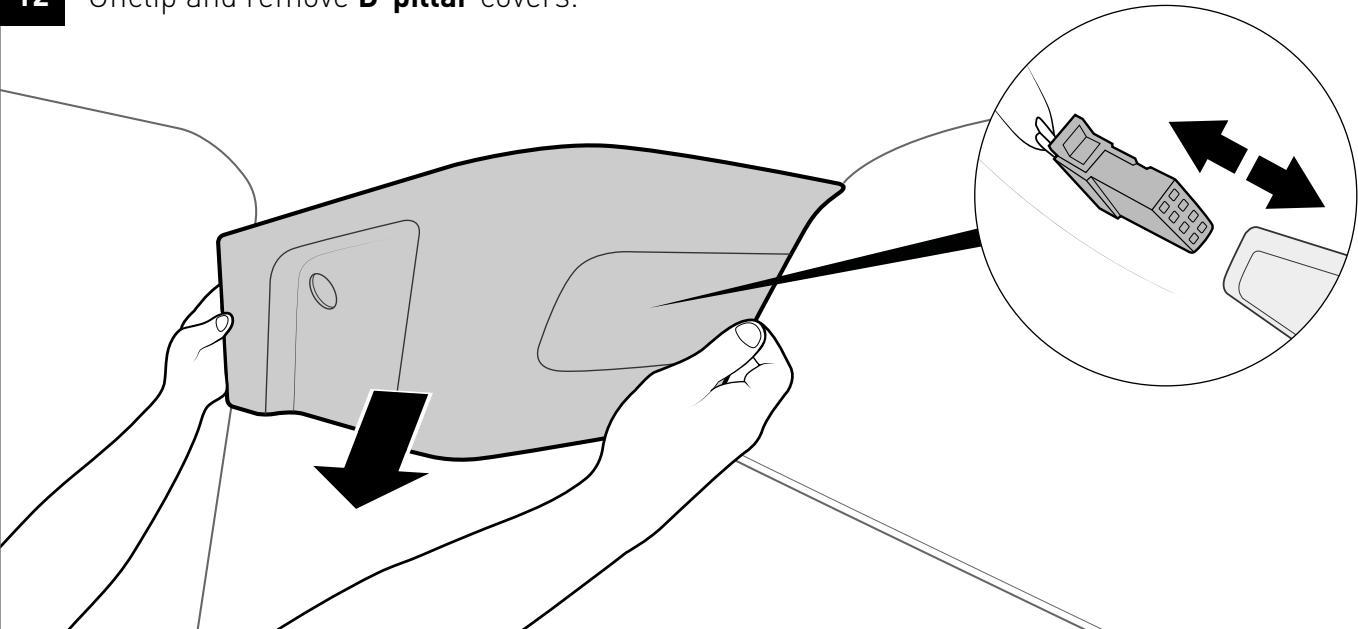
Once top of lower cover has unclipped, the upper cover can then be removed from the lower cover.



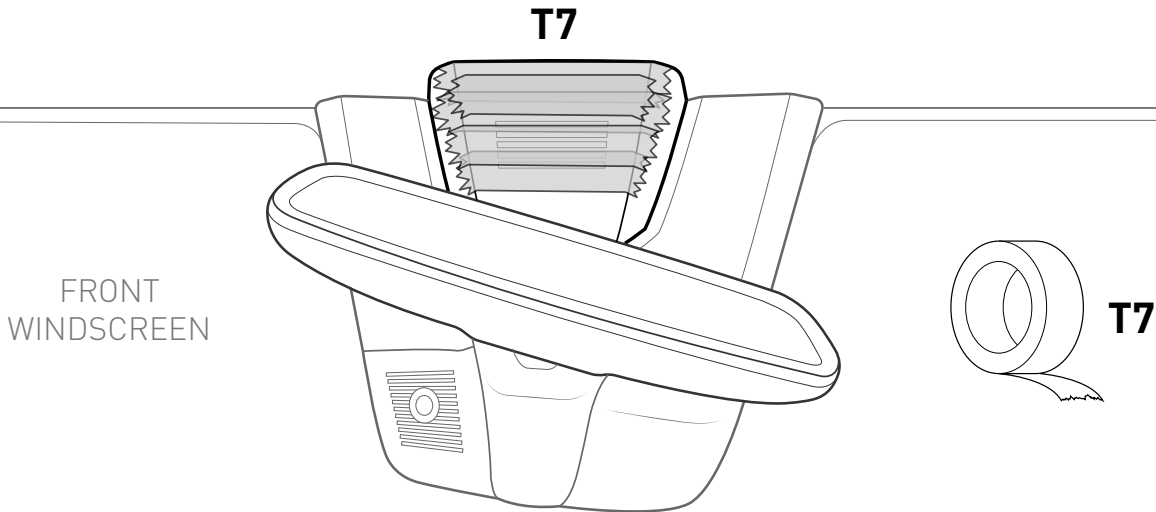
**11** Unclip and remove **C-pillar** covers.



**12** Unclip and remove **D-pillar** covers.

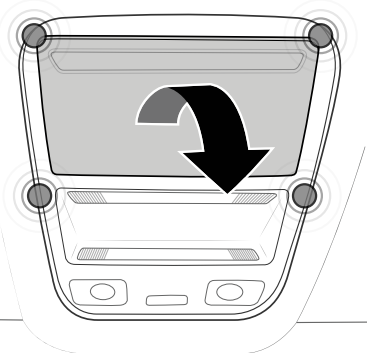


**13** Add layers of tape to prevent scuffing when the headliner drops.



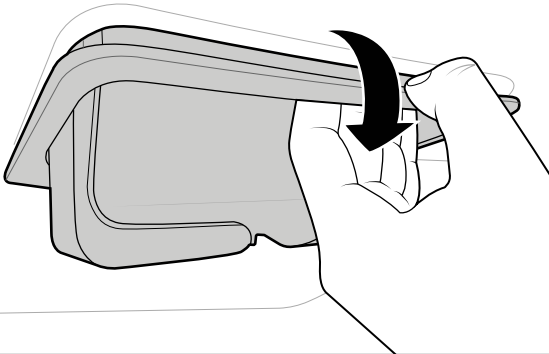
14 Open sunglasses compartment and pull rear of centre console down.

14a



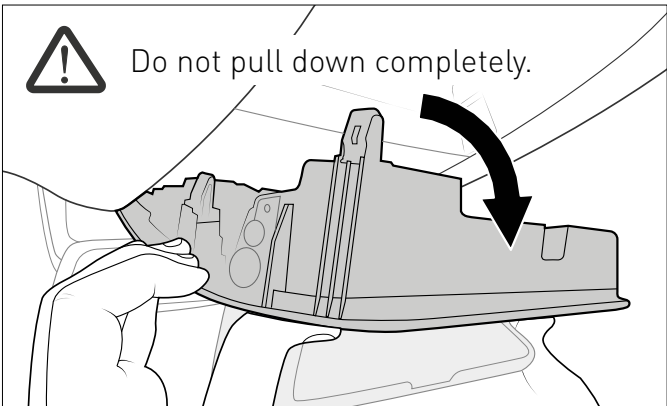
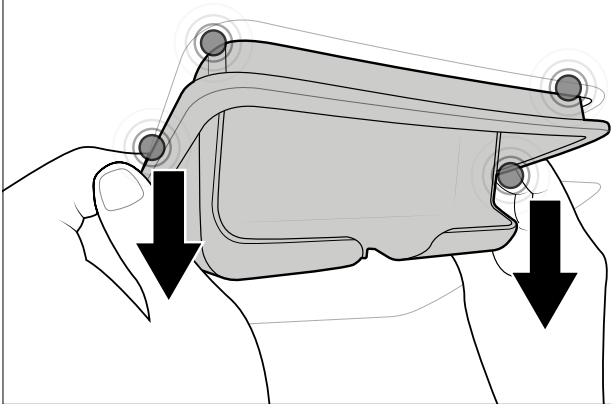
FRONT WINDSCREEN

14b

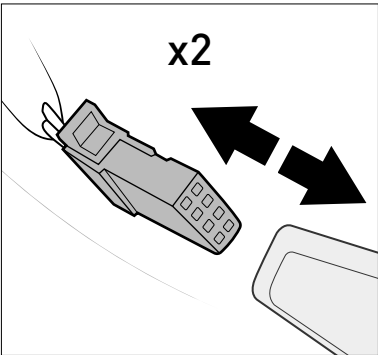
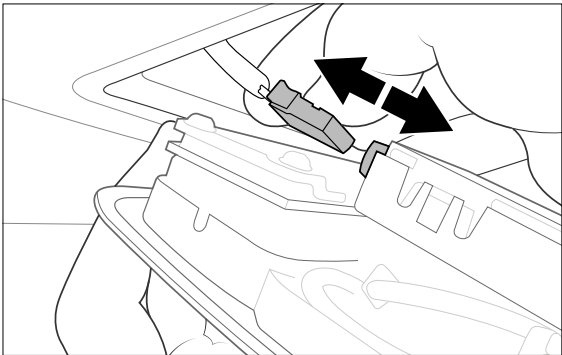


14c

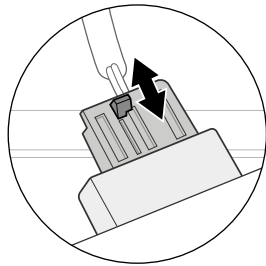
Once rear is released, move hands forwards to centre of console and pull down again to release the centre clips.



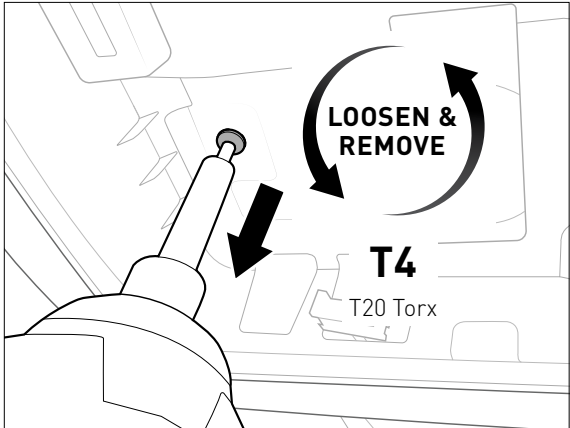
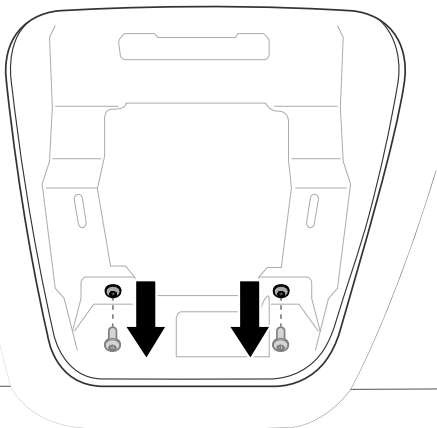
15 Once console is unclipped carefully lower to access **two** wiring connectors towards the front. Unclip **both** wiring connectors.



NOTE: RHS connector features release button



16





**NOTE**

If A/C Plastic Ducting is installed behind **REAR Right** D-Pillar, then RHS Lower Trim Panel must be removed.  
Continue onwards to step **17**

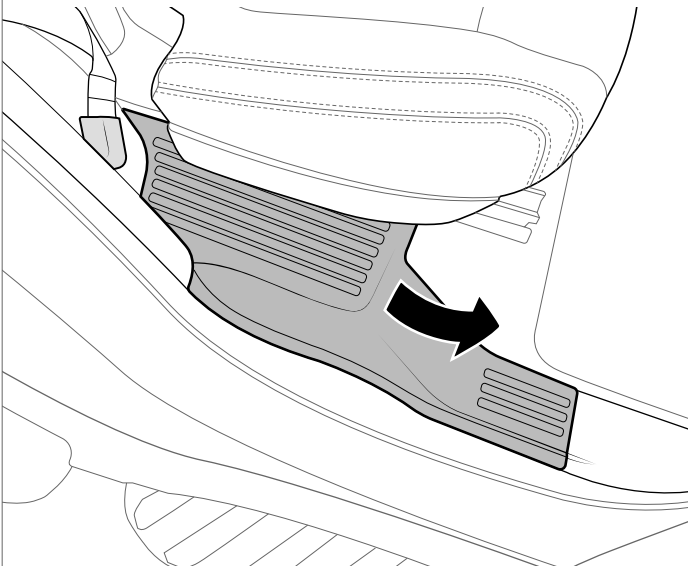
If there is no A/C Plastic Ducting, skip to Step **27**

REAR  
RIGHT DOOR  
OPENING

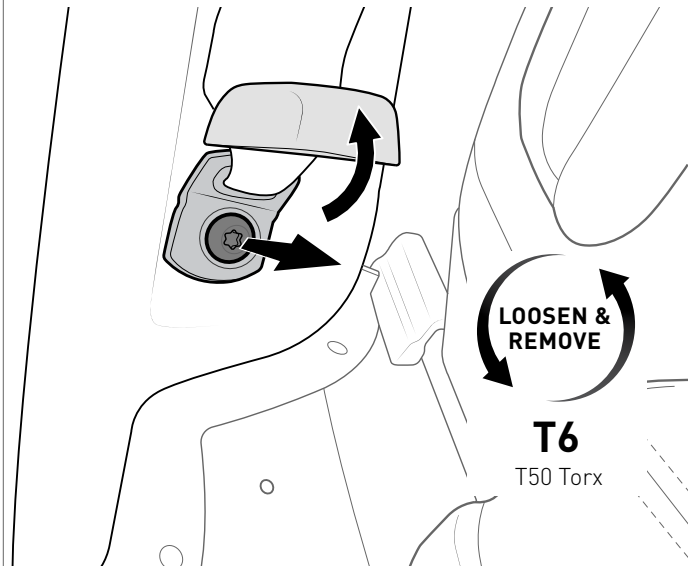
REAR BOOT  
OPENING

RHS LOWER TRIM PANEL

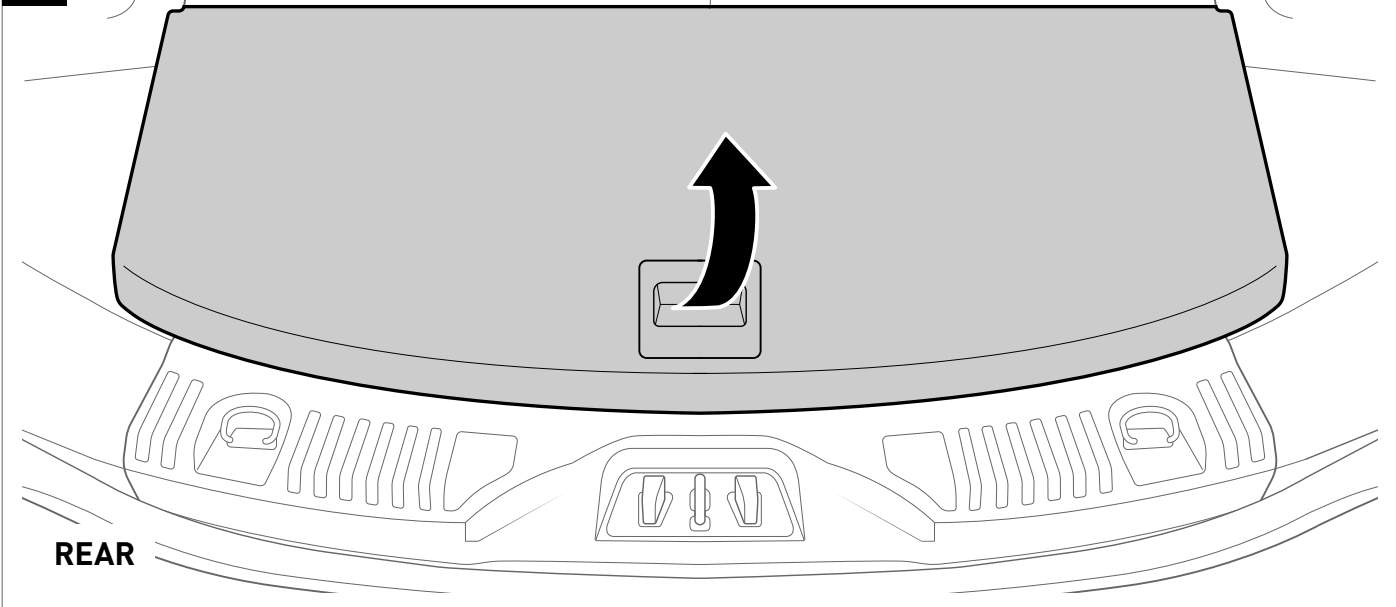
**17** Remove **REAR Right** Door plastic footing (Applies to RIGHT ONLY).



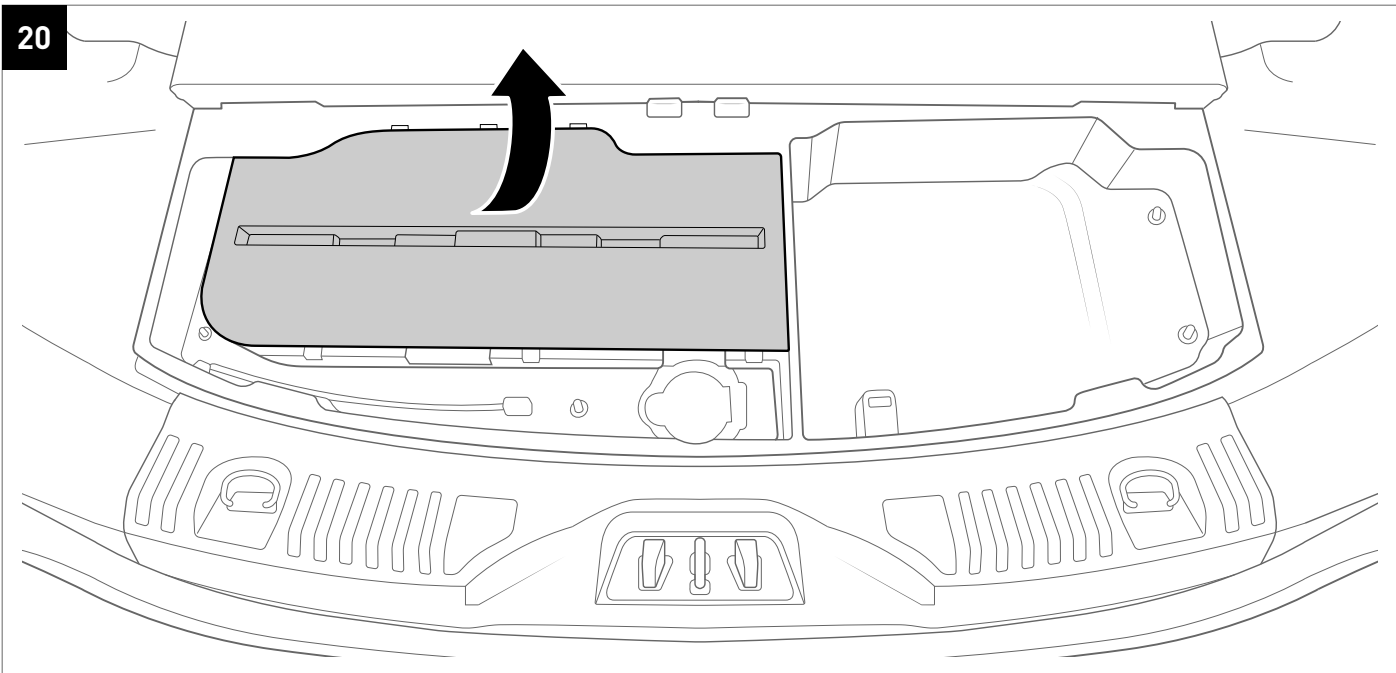
**18** Remove **REAR Right** lower seatbelt bolt ONLY (Applies to RIGHT ONLY).



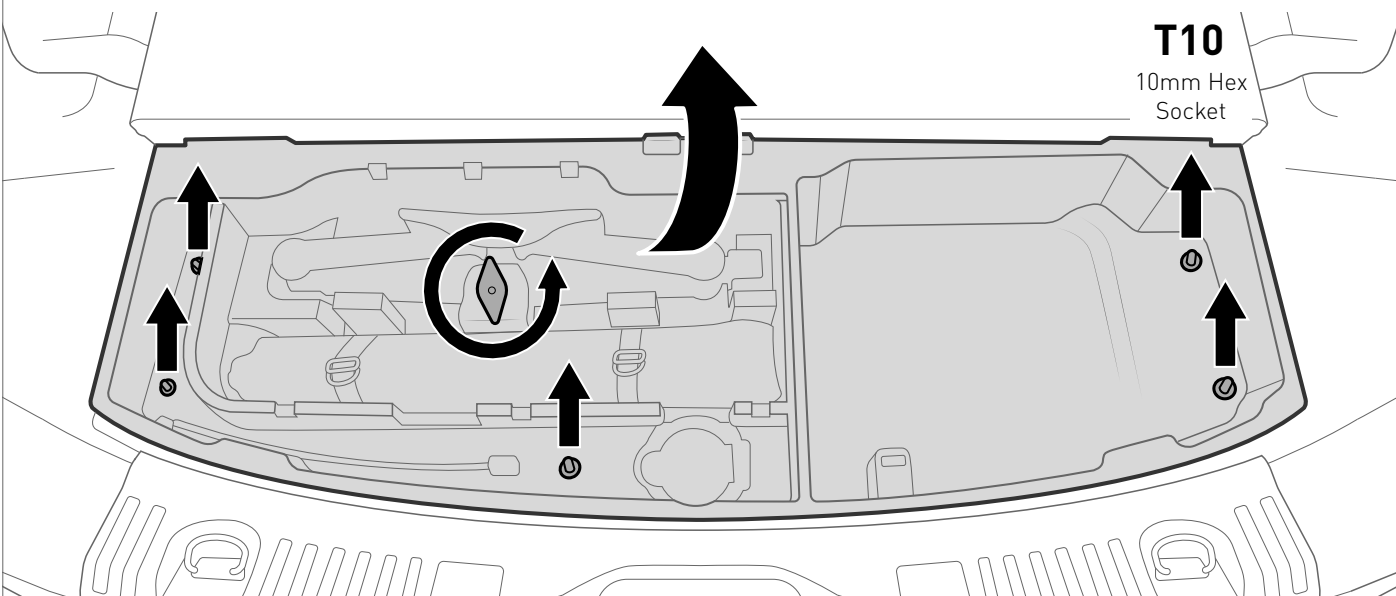
**19**



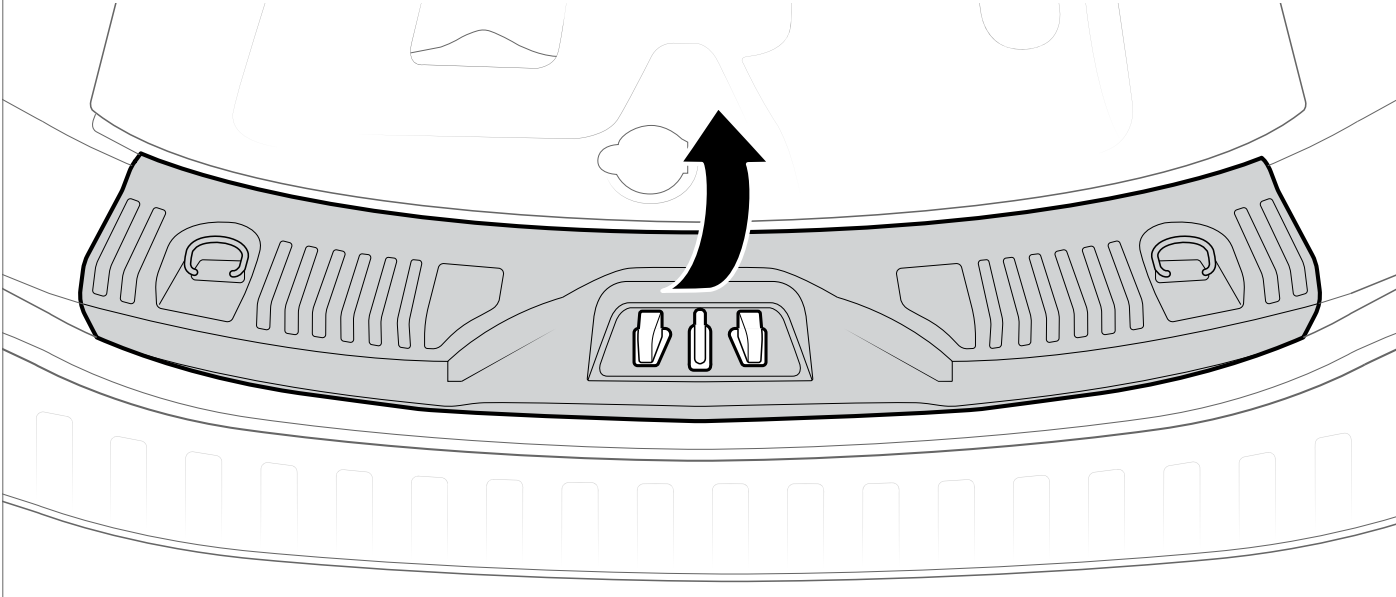
20



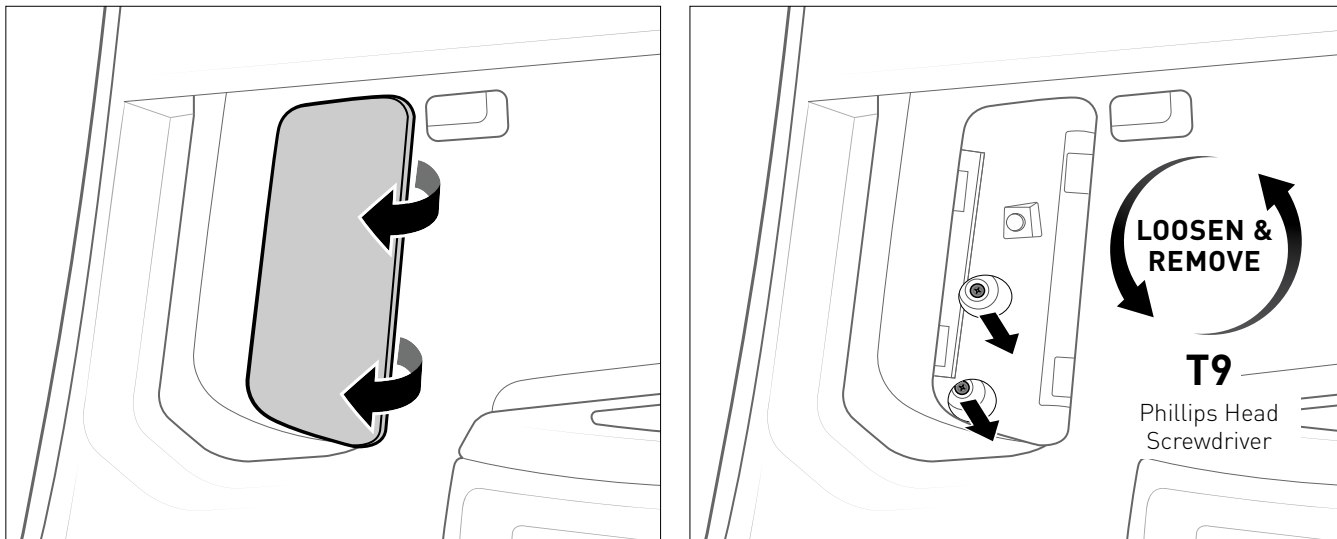
21 Remove Jack and 5 nuts. Remove storage unit trim.



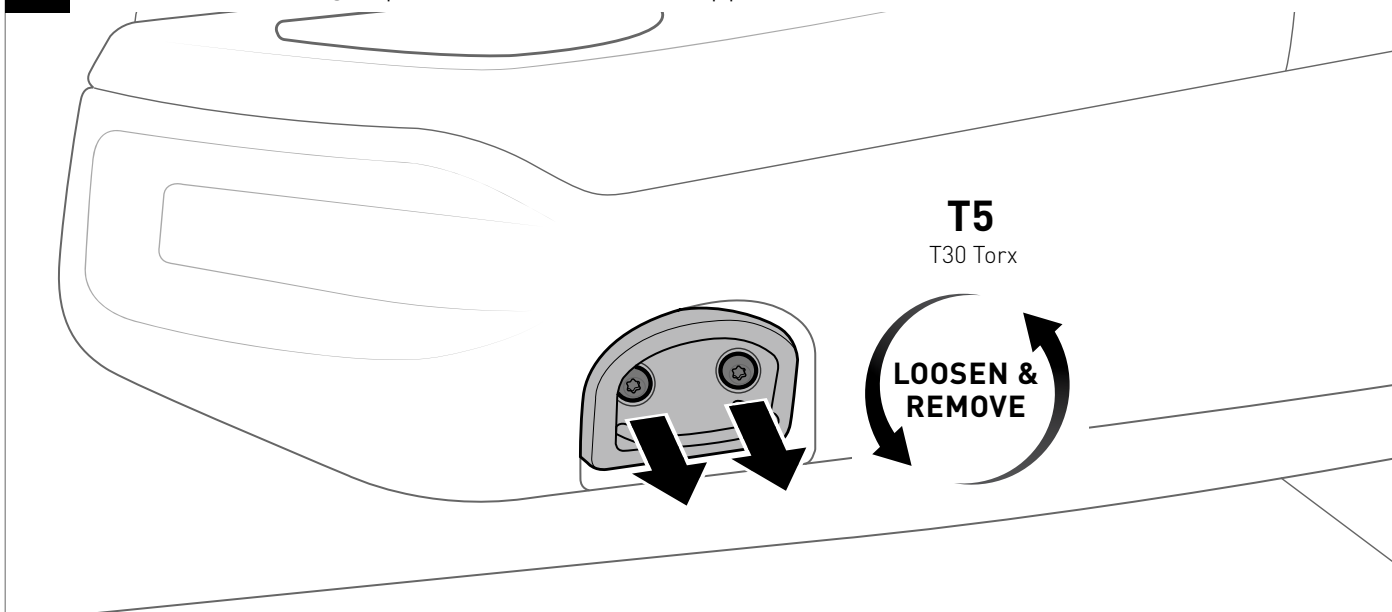
22 Remove hatch sill trim.



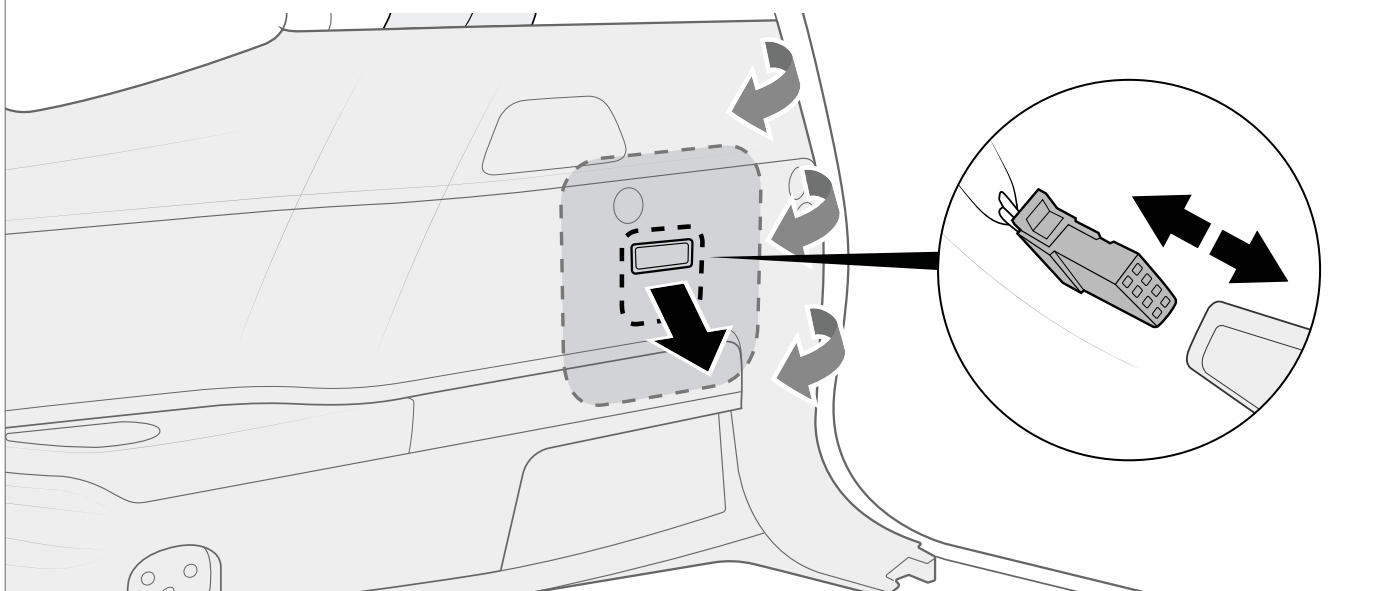
**23** Remove **REAR Right** lower C-Pillar plastic panel cover, and remove two bolts.  
 (Applies to **RIGHT ONLY**)



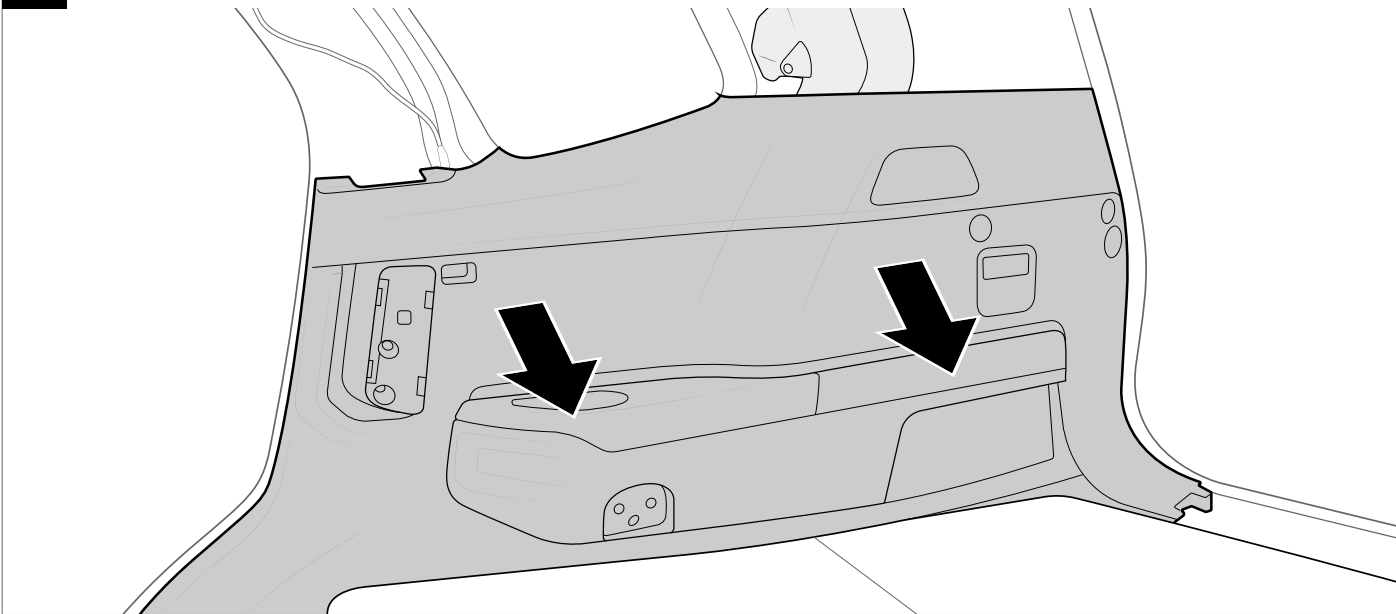
**24** Remove **REAR Right** panel tie down hook. (Applies to **RIGHT ONLY**)



**25** Detach **REAR Right** plastic panel slightly, and detach **ALL internal wiring**



26 Remove **REAR Right** panel completely.

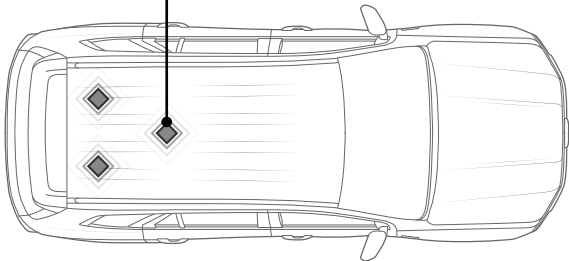


27 With one person standing behind the **B-Pillar** at each side of the car, simultaneously pull the headliner down to release the magnets in the centre. Lower headliner as far as **FRONT** wiring allows.

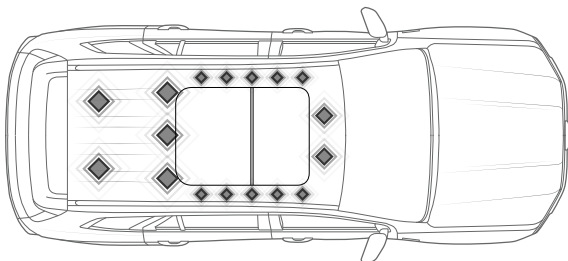


**NOTE:** Front seats can be positioned/reclined so that the headliner rests on the top of front and rear seat headrests.

Internal Magnet

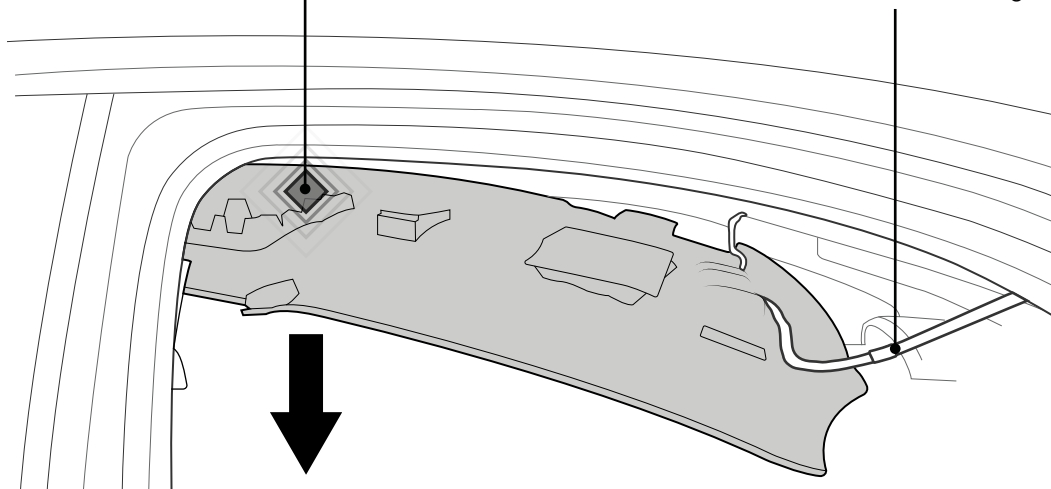


FOR SUNROOF VARIANTS:



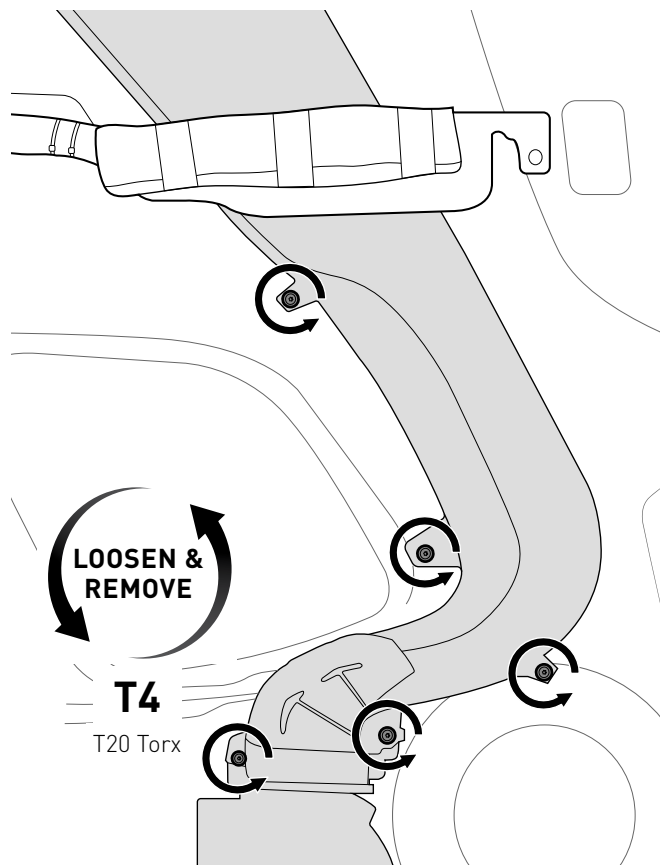
Internal Magnet

 Do **not** tug downwards on **FRONT** wiring.

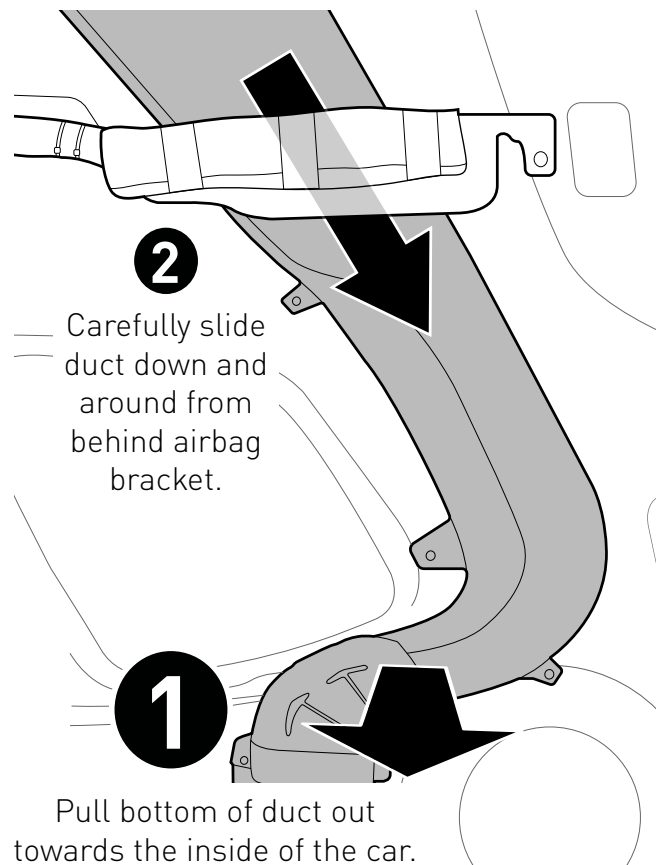


For vehicles with no REAR Right A/C Plastic Ducting, skip to Step **30**

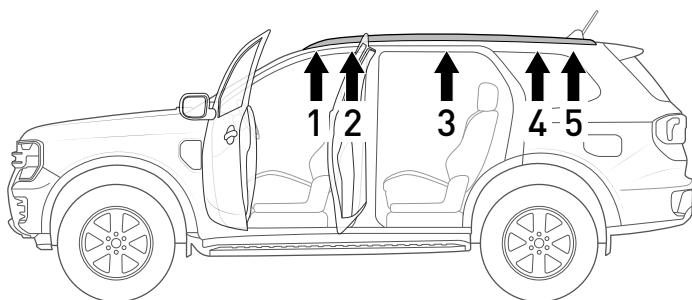
**28** Remove all bolts from **REAR Right** aircon duct plastic.



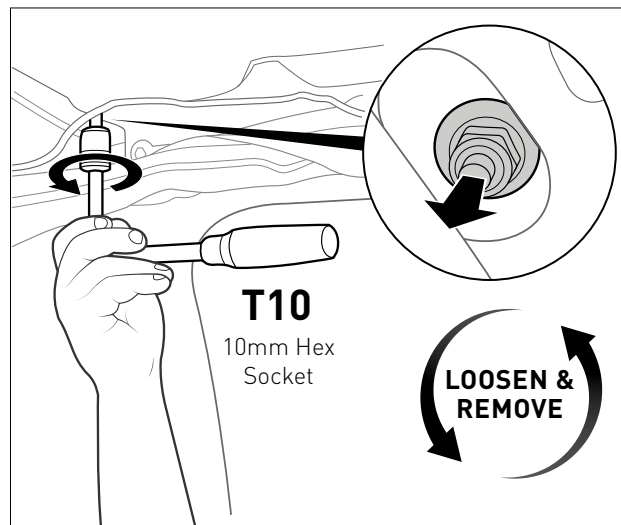
**29** Remove **REAR Right** aircon duct plastic to gain access to 5th roof mounting hole.



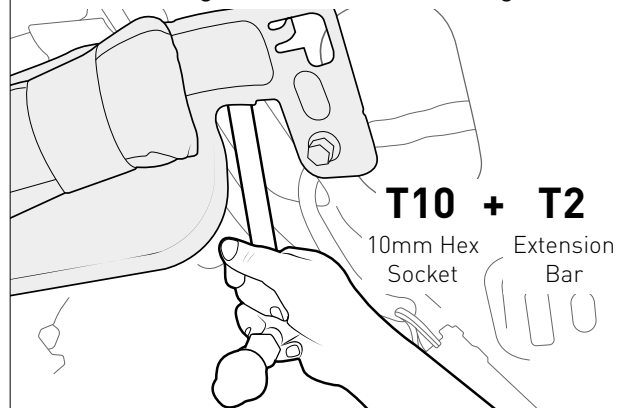
**30** Undo roof rail connection points on both sides of the vehicle.



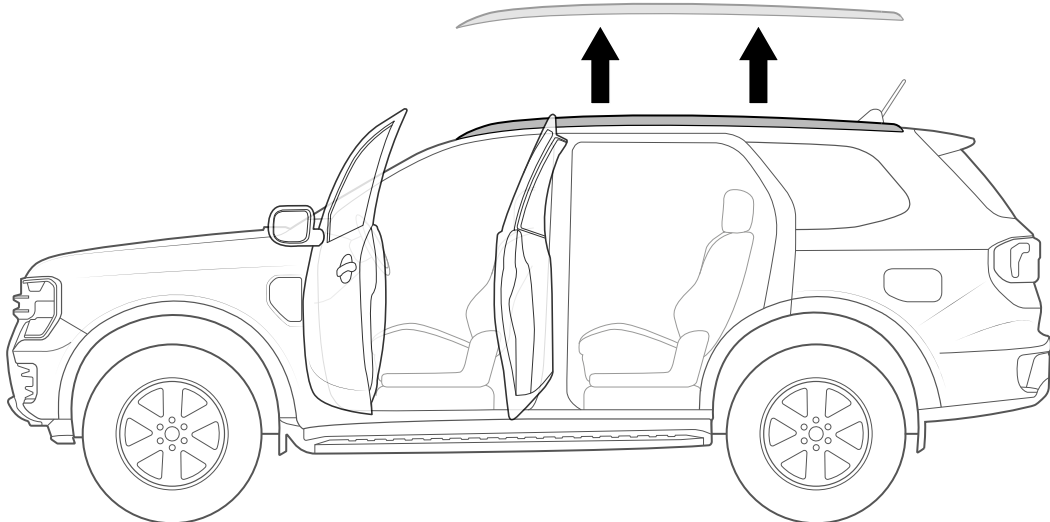
**CAUTION:** Do not hit/dislodge airbags



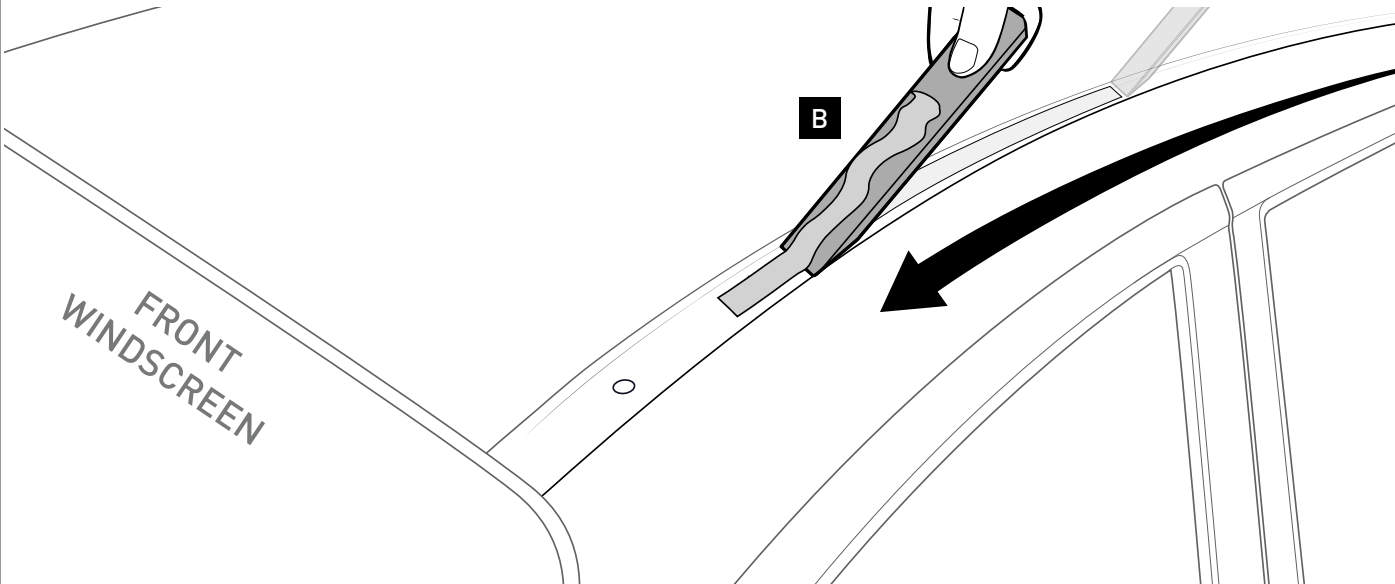
5th mounting hole is behind airbag frame.



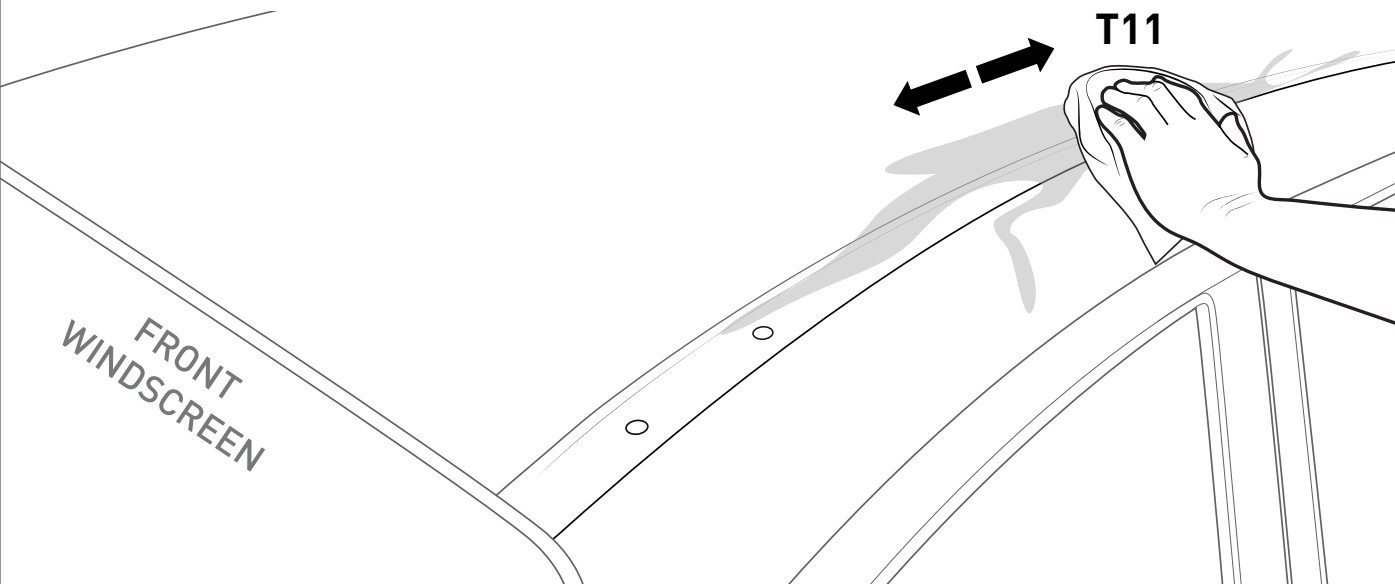
**31** Remove rails in vertical motion, and store rails and hardware in a safe location.



**32** Remove any excess adhesive tape from the roof.



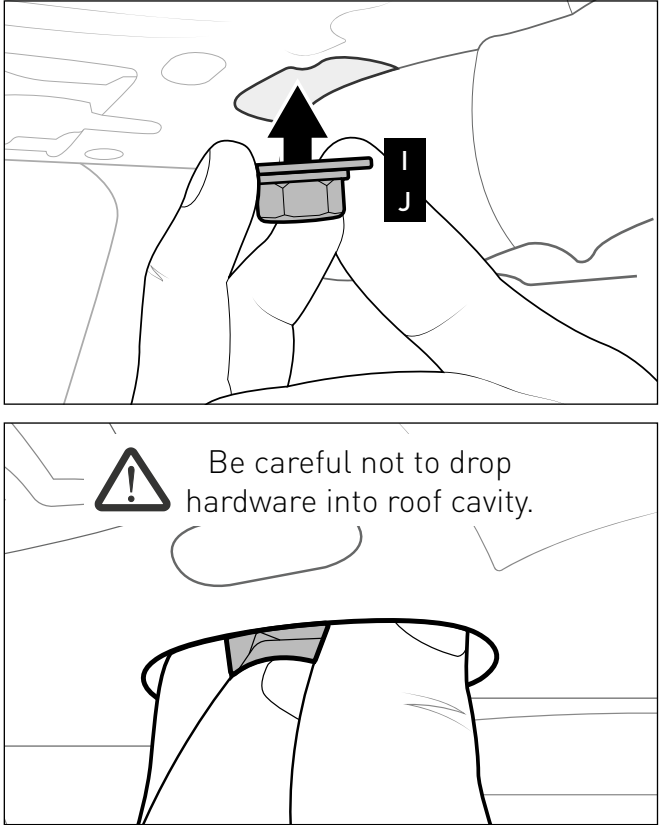
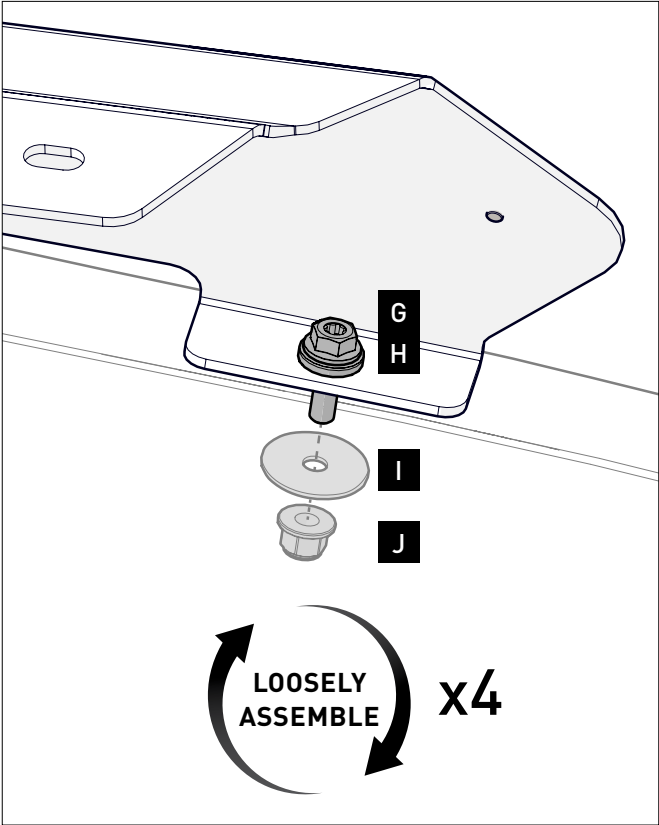
**33** Clean ditch to remove all tape residue, dirt, grime and any oil residue.







**37** Finger tighten hardware onto **G** and **H** from underneath roof, completing **FRONT** first, carefully holding washer and nut at the same time.



**38**

**1** **2** TWO-PERSON INSTALLATION

Use open end of **T12** Spanner, angled to clear roof to **HOLD BOLT HEAD STATIONARY.**

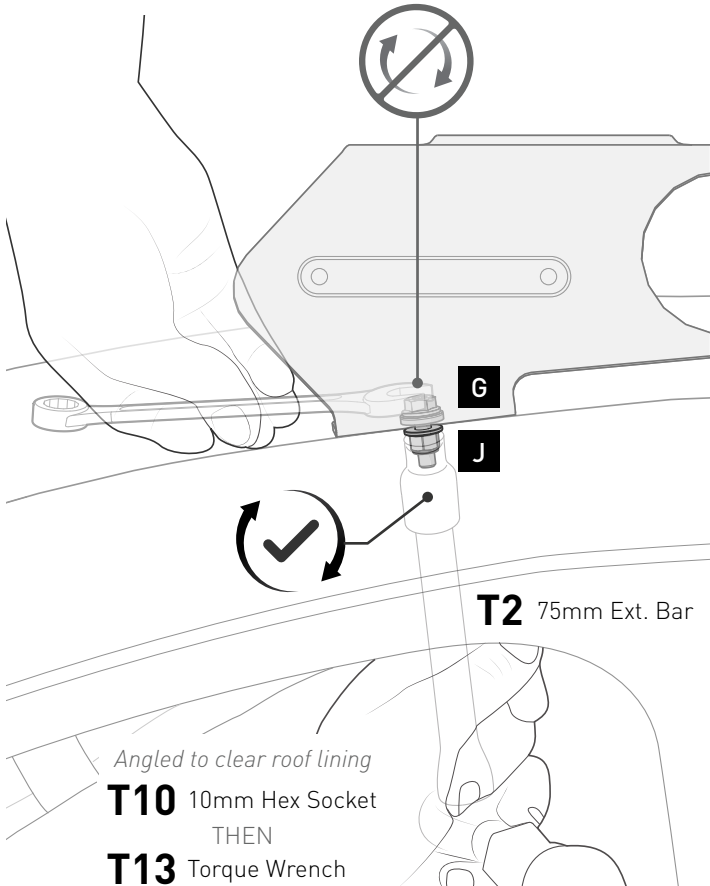
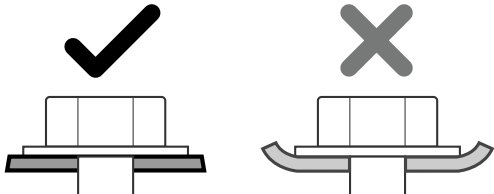
**38a** Loosely tighten each foot with **T10**.  
**Do not rotate T12 spanner**

**38b** Fully tighten with **T13** to finish.  
**Do not rotate T12 spanner**

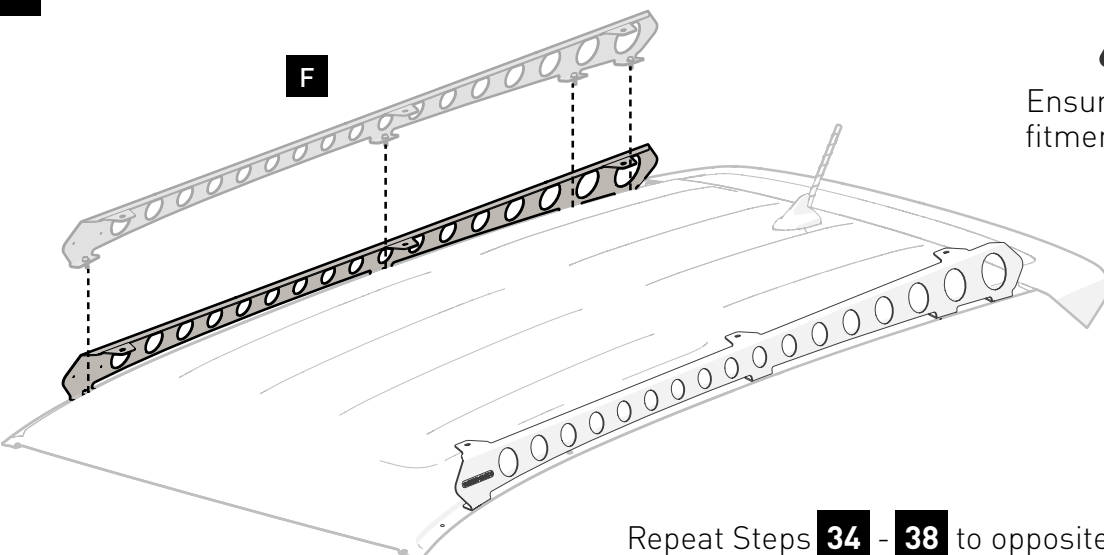


**DO NOT OVERTIGHTEN.**

This will excessively flatten the sealing washers and compromise waterproofing.



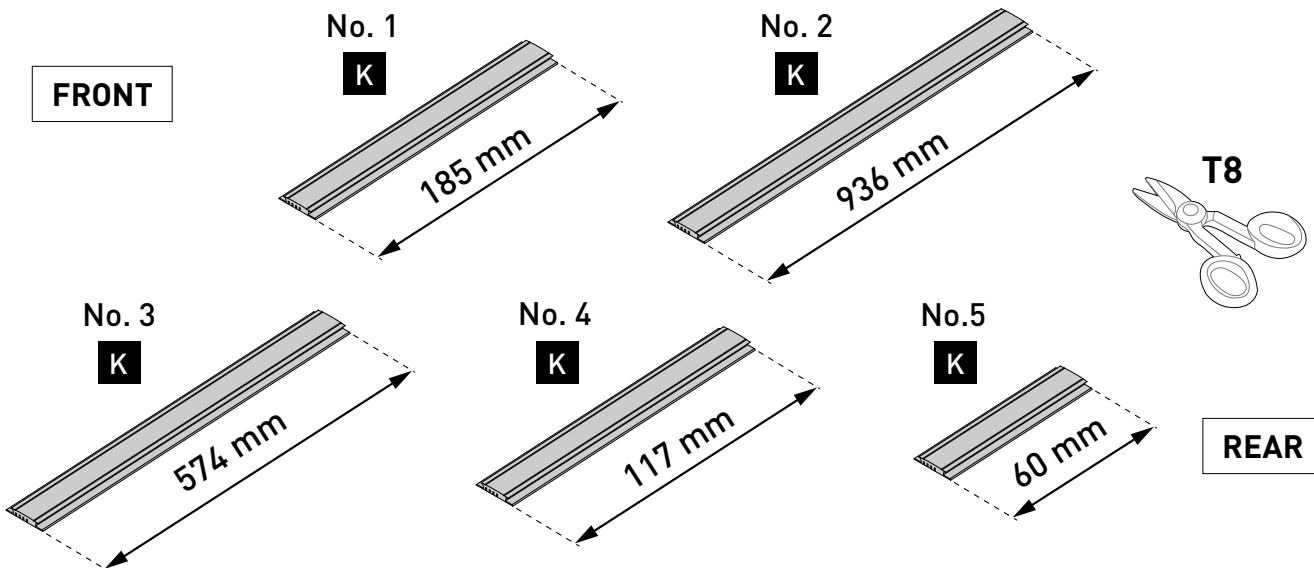
39



Ensure backbone fitment is secure.

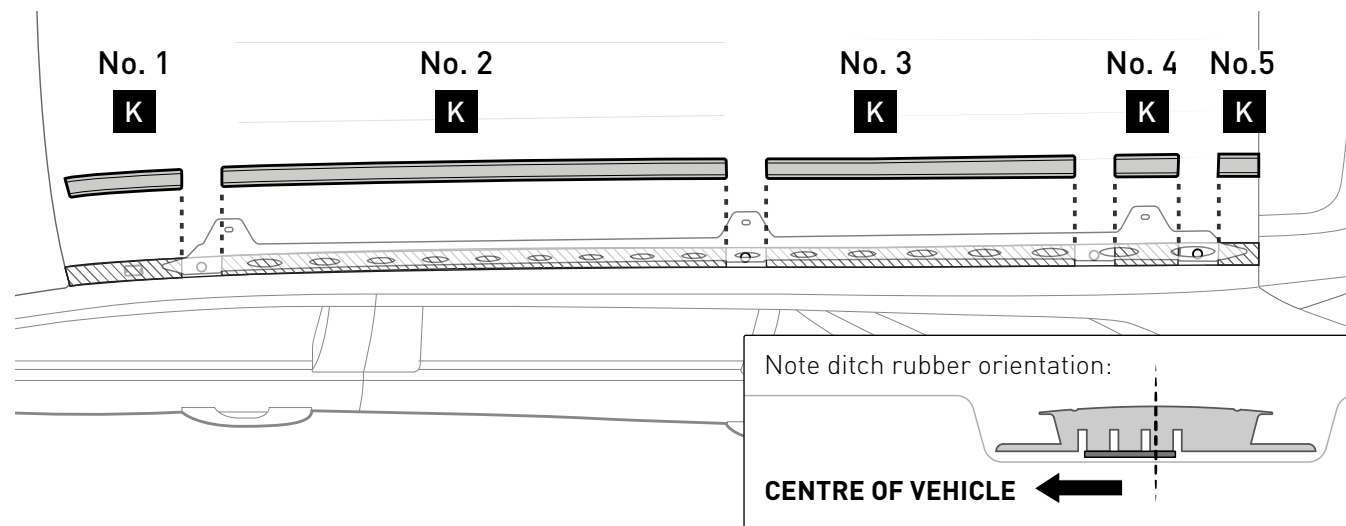
Repeat Steps 34 - 38 to opposite side of vehicle.

40 Cut Ditch Rubber to the dimensions specified.

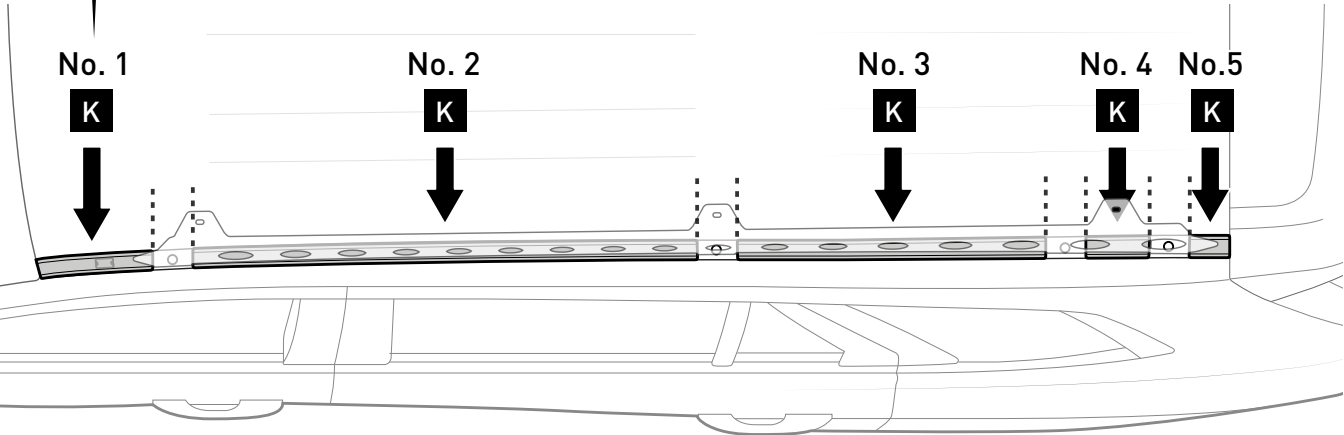
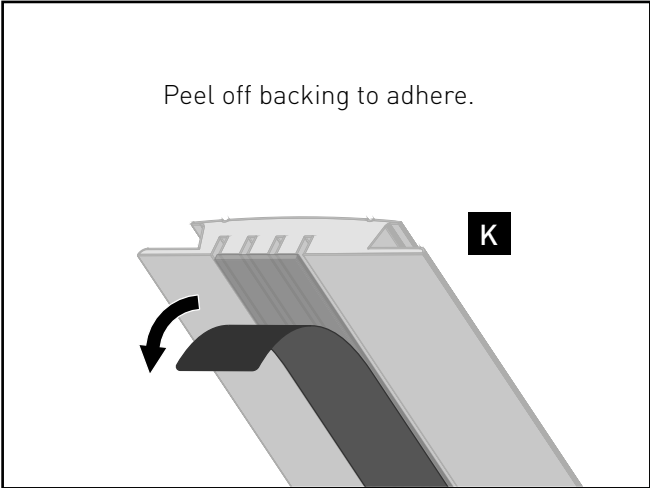
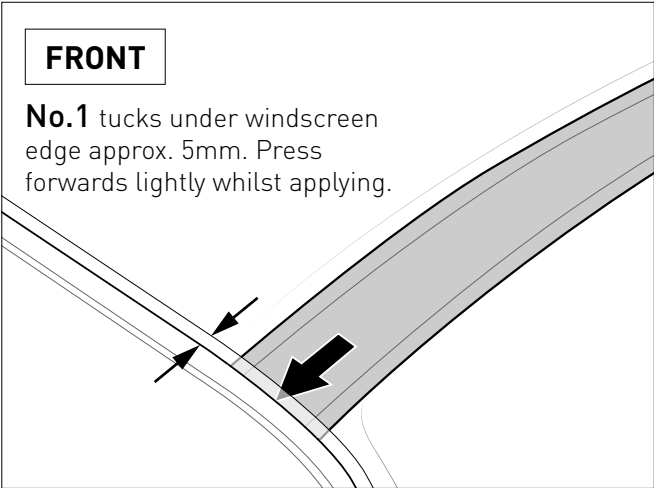


41 Position the trimmed Ditch Rubber strips next to the ditch, and cross check each corresponding dimension. **Leave a 5mm gap either side of each backbone foot.**

REAR



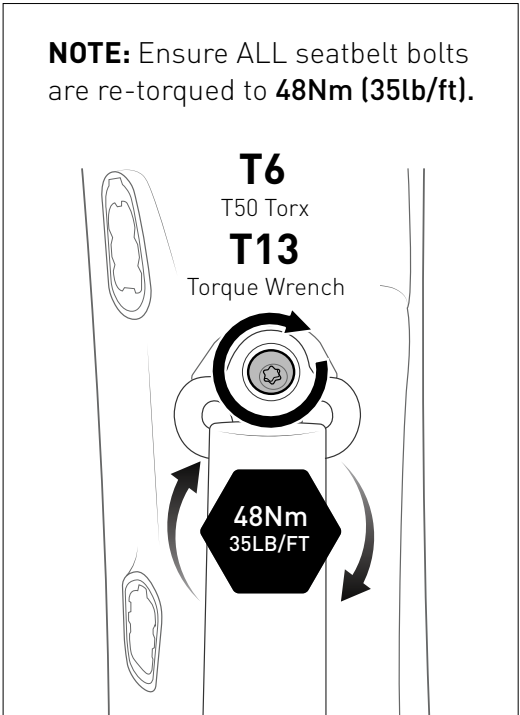
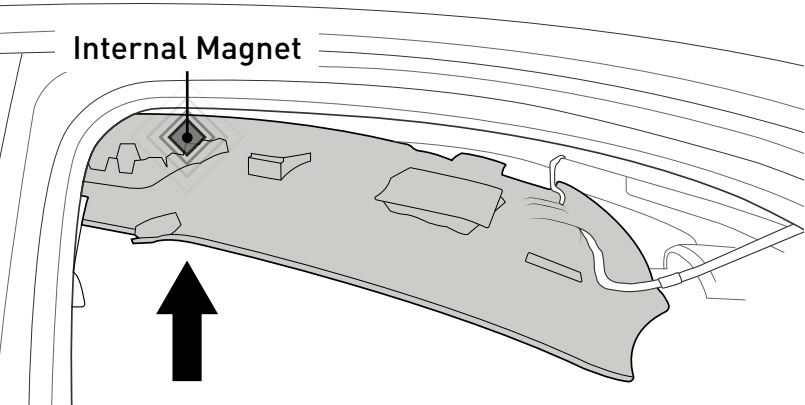
42 Adhere the ditch rubber strips around backbone legs.



43 ROOF LINING RE-INSTALLATION

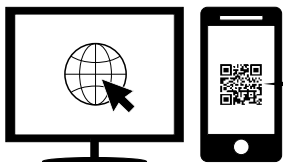
Complete Steps 1 - 29 in reverse

**NOTE:** Ensure ALL seatbelt bolts are re-torqued to 48Nm (35lb/ft).



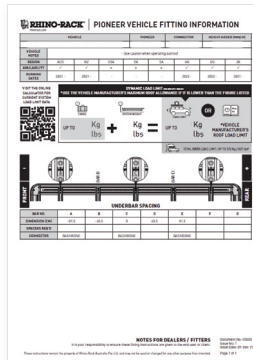
# PLATFORM INSTALLATION

P3 44

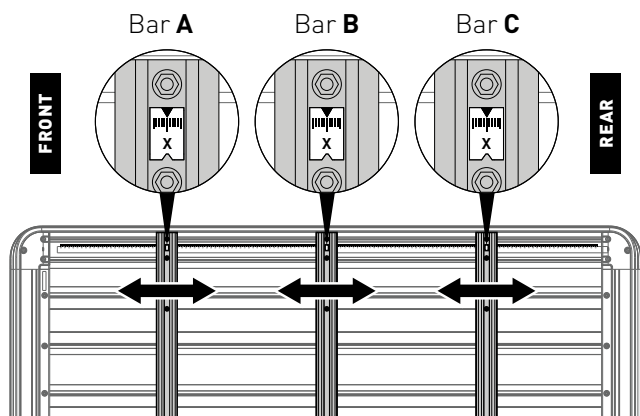
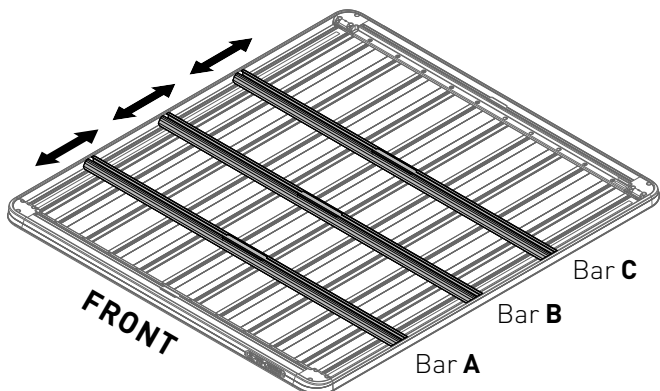


rhinorack.com/roof

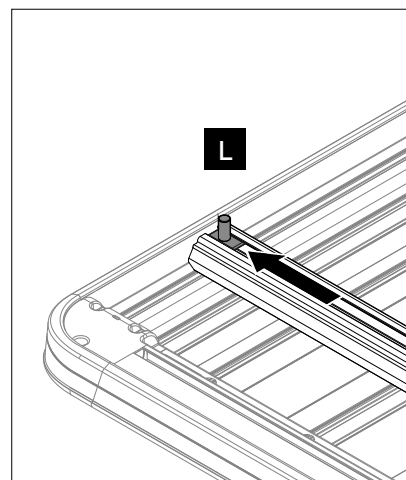
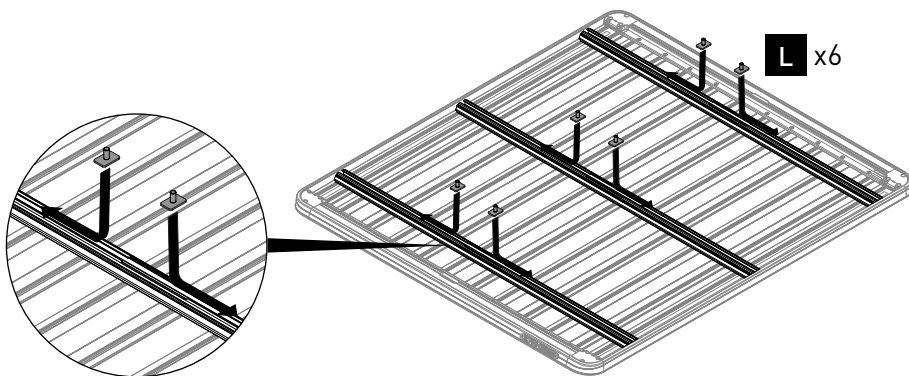
1. Complete **Fit my vehicle** journey
2. Select your **Product Solution**
3. Scroll down to **'Product Details'**
4. Select the **'INSTRUCTIONS'** tab to View the Fitting Chart
5. Space your Underbars to the **A, B & C** dimensions provided.



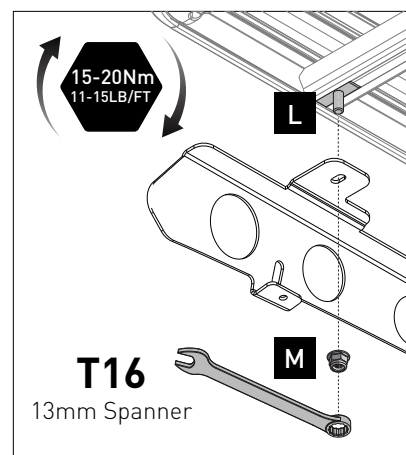
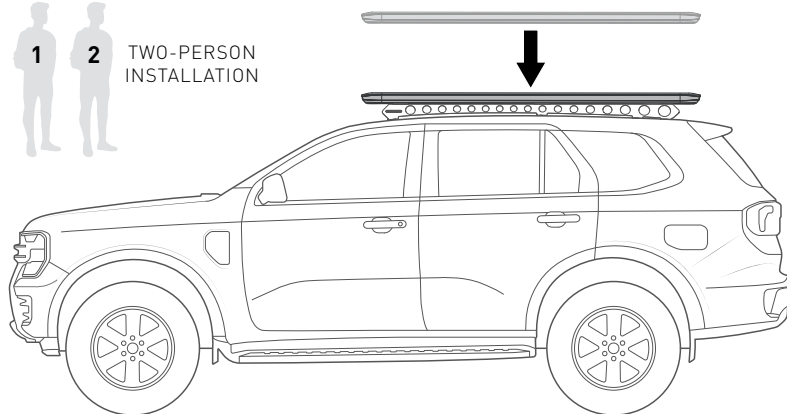
VIEW FITTING CHART  
Example only



45



46



# NOTES

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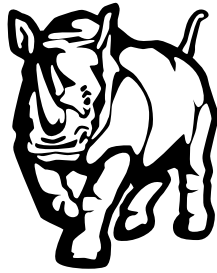
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