GEELY EX5 Cargo Barrier (Rear Position)
FITTING INSTRUCTION
Part #41413R



VEHICLE TYPE: SUV

MODEL YEAR: 2024 ONWARDS

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General Notes

- Read through the fitting instructions before installation of the accessory. Install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled following local recycling regulations.
- It is always recommended that this accessory is fitted by a qualified Technician.
- Safely store and protect any removed vehicle components.
- Ensure all bare metal surfaces are protected using suitable automotive rust inhibitor.
- Remove all metal swarf and dust from all vehicle surfaces if surface is used for accessory installation.

Safety Notes

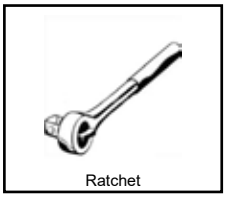
- Check that all work practices comply with safety standards.
- Please wear appropriate clothing and use safety equipment.

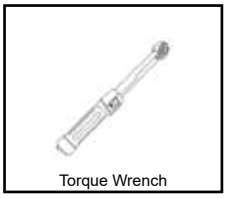


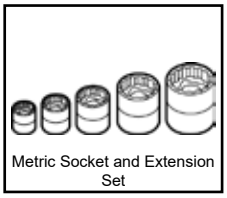
Fitting Time

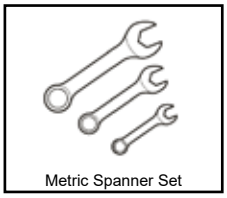
Est. 45 minutes

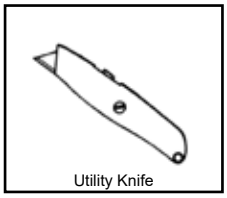
Tools

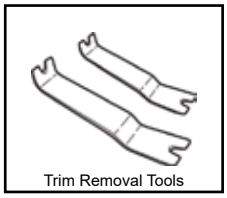

Ratchet

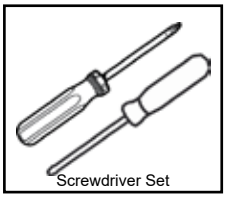

Torque Wrench

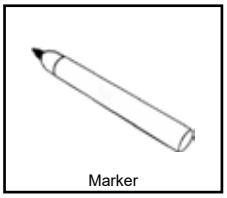

Metric Socket and Extension Set

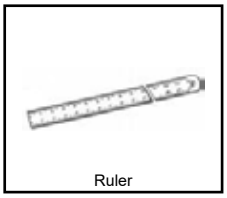

Metric Spanner Set

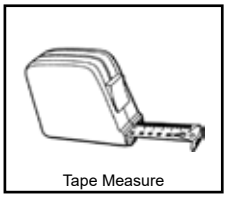

Utility Knife


Trim Removal Tools

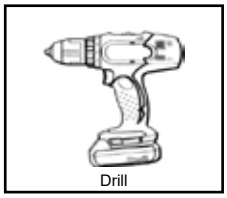

Screwdriver Set

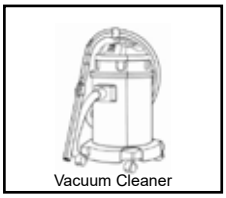

Marker

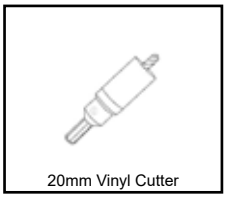

Ruler

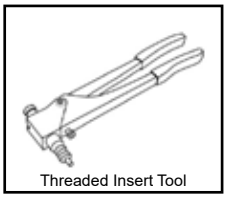

Tape Measure

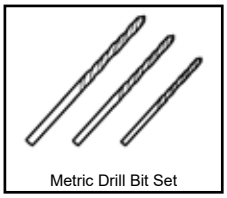

Masking Tape

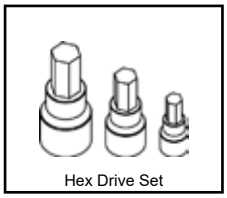

Drill

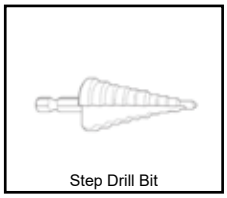

Vacuum Cleaner

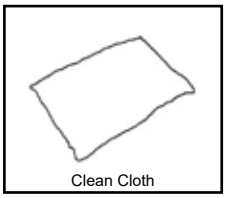

20mm Vinyl Cutter

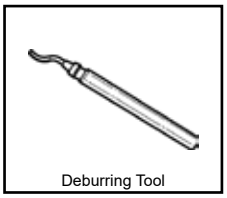

Threaded Insert Tool

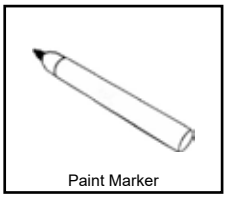

Metric Drill Bit Set


Hex Drive Set


Step Drill Bit

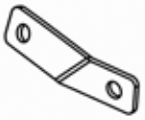
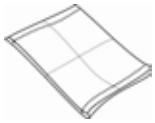

Clean Cloth


Deburring Tool


Paint Marker

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Part #41413R

Parts

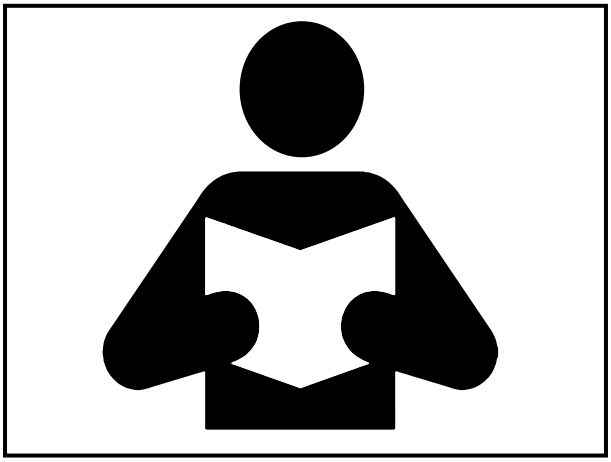
1 ×1  Cargo Barrier	2 ×1  Bottom Mounting Bracket LHS	3 ×1  Bottom Mounting Bracket RHS	4 ×1  Top Bracket LHS	5 ×1  Top Bracket RHS	6 ×1  Top Strap LHS
7 ×1  Top Strap RHS	8 ×1  Bottom Strap LHS	9 ×1  Bottom Strap RHS	10 ×4  Pivot Saddle	11 ×4  Pivot Saddle Bush	12 ×4  M10 x 20mm Hex Head Bolt
13 ×4  M10 Hex Head Nut	14 ×2  M8 Hex Flanged Nut	15 ×2  Trim Garnish	16 ×2  Trim Garnish Spacer	17 ×4  Wave Washer	18 ×4  M10 x 34mm Milbolt
19 ×2  M6 x 20mm Button Head Screw	20 ×2 M6 Washer	21 ×4  M10 Versa Nut	22 ×4  M10 x 30mm Button Head Screw	23 ×4  M10 Washer	24 ×1  Label-Warning
25 ×1  Automotive Rust Inhibitor	26 ×2  Marking Pin				

Step 1

Read through the fitting instructions before installation of accessory.

Install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.

Important Always refer to the vehicle's Workshop Manual when removing vehicle components.



Step 2

Gain access to the cargo area of the vehicle.

Remove the floor carpet and store it in a safe place.



Step 3

Familiarise yourself with the vehicle cargo area.

Remove the cargo floor.



Step 4

Remove the storage compartment from the vehicle.



Step 5

Locate the 3 x trim clips securing the tailgate trim.

Remove 3 x trim clips using a trim removal tool.





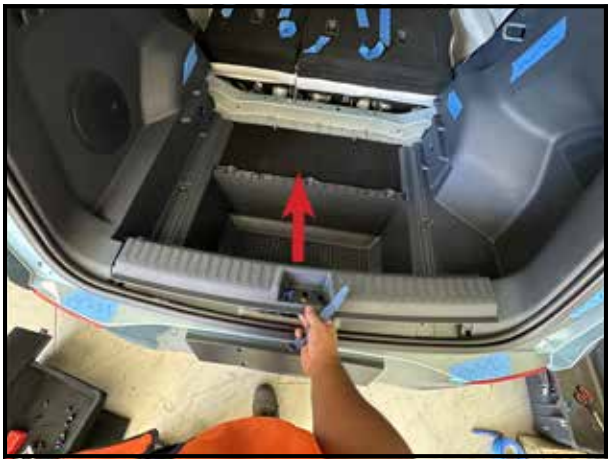
Tools Used
- Trim Removal Tools

Step 6

Gently pull the tailgate trim upwards to release the trim clips.

Use trim removal tool if required.

Remove the tailgate trim.



Tools Used
- Trim Removal Tools

Important Always refer to the vehicle's Workshop Manual when removing vehicle components.

Step 7

Locate 2x Hex nuts on the centre trim and 1x Hex nut on each side of the side trim.

Using a 10mm socket remove the 4x Hex nuts.







Tools Used
- Ratchet
- 10mm Socket

Step 8

Fold the second row seats by pulling the release lever.

Gently remove the centre trim.





Step 9

On the passenger's side, remove the trim shown using a trim removal tool.

Repeat the step on the Driver's side.





Tools Used
- Trim Removal Tools

Step 10

On passenger's side, locate 2x Phillips head screws.

Remove both screws using a Phillips head screwdriver.

Repeat the step on the driver's side.



Tools Used
- Phillips Head Screwdriver

Step 11

On the passenger's side, using a trim removal tool detach the trim plugs of the bottom side trim from the vehicle.

Disconnect the light from the trims.

Remove the side bottom trim from the vehicle.



Repeat the step on the driver's side.



Tools Used
- Trim Removal Tools

Step 12

On the passenger's side, access the Phillips head screw located behind the trim by opening the highlighted trim portion using a flat head screwdriver.





Tools Used
- Phillips Head Screwdriver
- Flat Head Screwdriver

Step 13

On passenger's side, locate then remove the 4x Phillips head screws.





Tools Used
• Phillips Head Screwdriver

Step 14

On the passenger's side, using a trim removal tool, gently remove the side top trim.

Repeat the steps 12-14 on the driver's side.



Tools Used
• Trim Removal Tools

Step 15

Using a trim removal tool release the trim plugs holding the roof liner.





Tools Used
• Trim Removal Tools

Step 16

Undo and remove the LHS tailgate hinge nut.

Repeat the same on the driver's side.



Tools Used
- Ratchet
- 13mm Socket



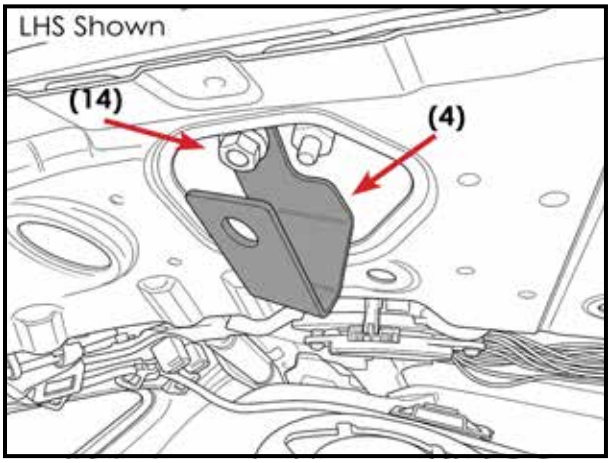


Step 17

On the passenger's side, install and secure the top bracket LHS (4) on the outside stud with M8 flanged hex nut (14).

Torque the nut to **20Nm**.

Repeat the process for RHS.



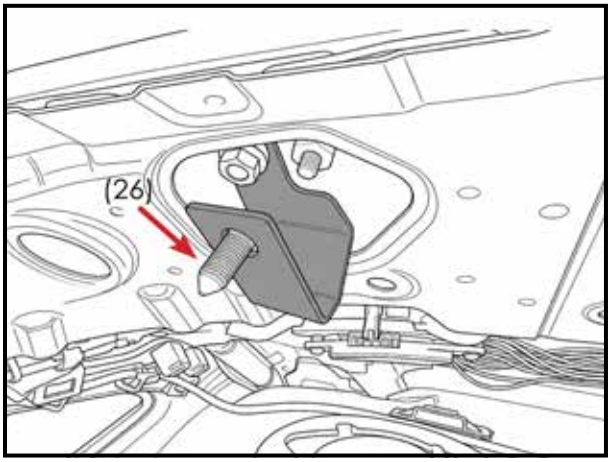
Tools Used
- Torque Wrench
- 13mm Socket

Step 18

On the passenger's side, install the supplied marking pin (26) on the roof bracket leaving approximately 10-15mm exposed.

Repeat the same on the driver's side.





Step 19

On passenger's side, affix masking tape to the cabin side of the roof lining at the approximate location of the marking pins installed on the upper mounting brackets.



Tools Used
- Masking Tape

Step 20

Apply pressure to the roof lining at the marking pin locations until the tip can be seen on the cabin side of the roof lining. Mark this location if required.

Remove the marking pin.

Repeat the steps 19-20 for driver's side.



Tools Used
- Marker

Step 21

At the marked location carefully drill a 5mm pilot hole through the roof lining. Use of a drill stop is recommended.

Using a 20mm vinyl cutter enlarge the pilot holes through the roof lining.

Repeat for driver's side

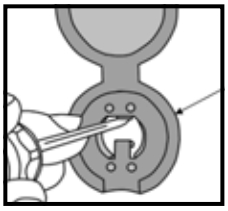


Tools Used
- Drill
- 5mm Drill Bit
- 20mm Vinyl Cutter
- Drill Stop

Step 22

On the passenger's side, insert a Trim Garnish (15) into 20mm hole in the trim with the cover positioned towards the side of the vehicle.

Using a small screwdriver or similar, push the trim plugs retention legs outwards to engage them in behind the roof trim.





Tools Used
- Flat Head Screwdriver

Step 23

Push a Trim Garnish Spacer (16) into the centre of the trim plug base until it clips in place flush.

Repeat steps 22-23 for driver's side.

Upon completion clean up and reinstall the roof lining.





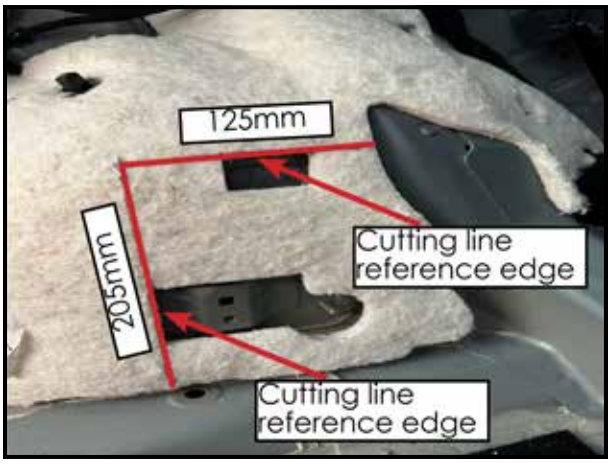
Step 24

Familiarise with the floor area near the wheel arch area on both sides for installing the bottom brackets.



Step 25

On the passenger's side, using a marker, mark the shown measurements on the wheel arch insulation, using the edges of pre-cut sections as reference.



Tools Used
- Marker

Step 26

Snip the marked portion using a multi-tool or snipping tool.





Tools Used
- Multi-Tool / Snipping Tool

Step 27

On passenger's side, locate the 2 x sealed holes.

Open the 2 x holes using a small flat head screwdriver.





Tools Used
- Flat Head Screwdriver

Step 28

Using a step drill, bore the existing 12mm holes to 16mm holes.

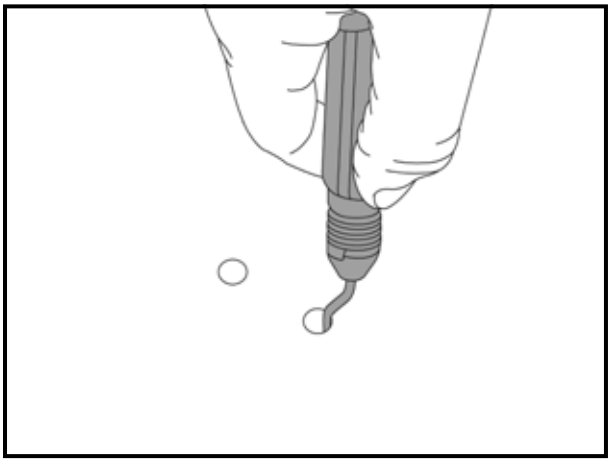


Tools Used
- Drill
- Step Drill Bit

Step 29

Deburr the drilled hole in metal panel.

Vacuum away all drilling swarf.

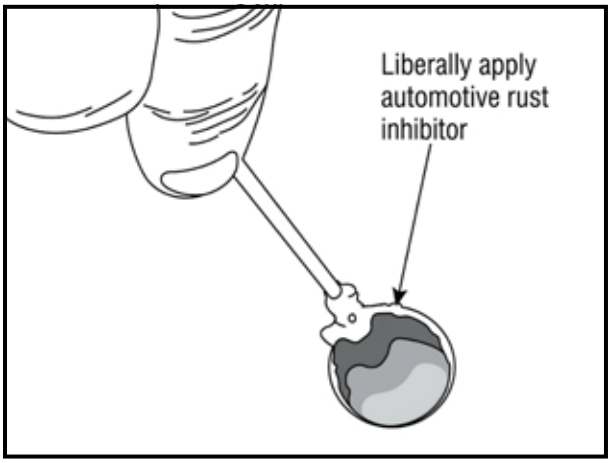


Tools Used
- Vacuum Cleaner
- Deburring Tool

Step 30

Apply automotive rust inhibitor (25) to the raw edges of all the drilled holes in the metal panel using an adequate applicator.

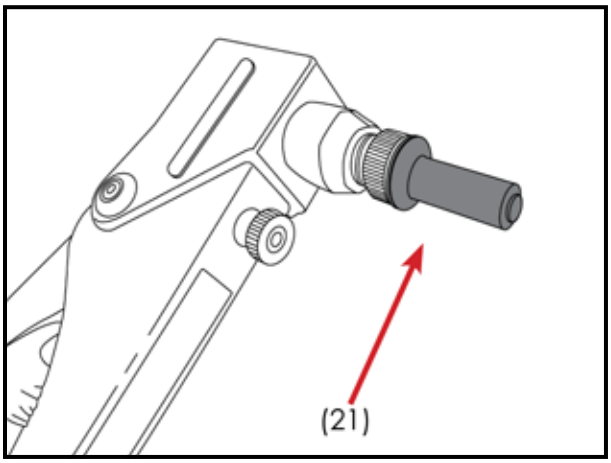
Repeat step 24-30 on driver's side.



Tools Used
- Applicator

Step 31

Screw a M10 Threaded insert (21) onto a suitable threaded insert tool with long mandrel.



Tools Used
- Threaded Insert Tool

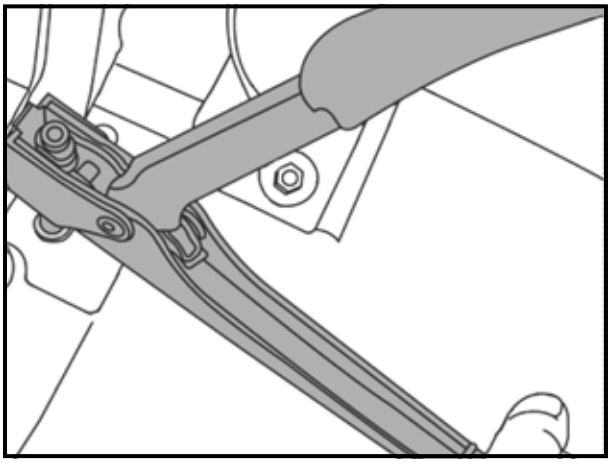
Step 32

On passenger's side, push the 1 x M10 Threaded insert (21) fully through one of the 16mm holes that was drilled in step 28.

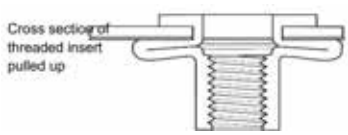
Pull up M10 threaded insert (21) carefully to avoid the threads being crooked.

Pull it until the insert is secure in place.

Repeat for the other 16mm hole.



Tools Used
- Threaded Insert Tool



Step 33

Repeat steps 31-32 on driver's side.

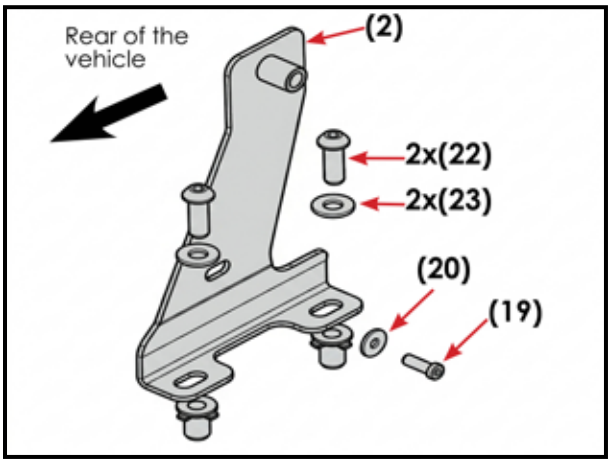


Step 34

On passenger's side, secure the Bottom Mounting Bracket LHS (2) using 2x M10 x 30mm button head screw and 2 x M10 washers.

Further secure the bracket using 1 x M6 x 20mm button head screw (19) and 1 x M6 washer (20) through the slot of the bracket to the pre existing M6 nut.

Hand tighten all the screws.

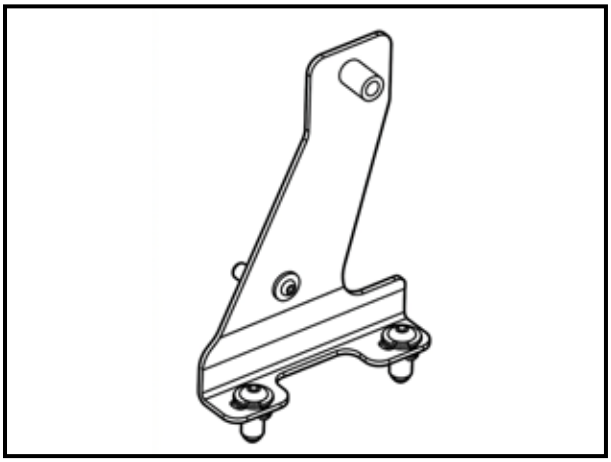


Step 35

Torque M10 button head screws to 30 Nm.

Torque M6 button head screws to 10 Nm.

Repeat steps 34-35 on driver's side.



Tools Used

- Ratchet
- Torque Wrench
- 4mm Hex Drive Bit
- 6mm Hex Drive Bit

Step 36

On the passenger side, bottom trim, mark the highlighted part of the trim using a paint marker.

Using a multi-tool, cut off the marked portion from the trim.





Tools Used
- Paint Marker
- Multi-Tool

Step 37

Adhere a piece of masking tape to the area where the trim portion was removed.



Tools Used
- Masking Tape

Step 38

On passenger's side, screw marking pin (27) supplied into the threaded spacer for the Bottom Mounting Bracket LHS (2).



Step 39

Reinstall and align the Bottom LHS side trim.

Apply pressure on the side wall to locate the marking pin.

Mark the indent with a marking pen.

Remove the side trim again away from the vehicle and place it on a workbench.



Step 40

Use 5mm drill bit to make pilot hole on the marked location.

Use a step drill to enlarge the pilot hole to 22mm.

The drilled hole will now align with the mounting location for the bottom mounts.

Repeat steps 36-40 on the driver's side.





Tools Used

- Drill
- 5mm Drill Bit
- Step Drill Bit

Step 41

Reinstall all the removed trims back to the vehicle.

Reinstall the storage compartment.

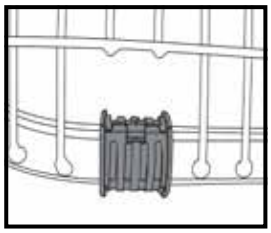
Reinstall cargo floor.

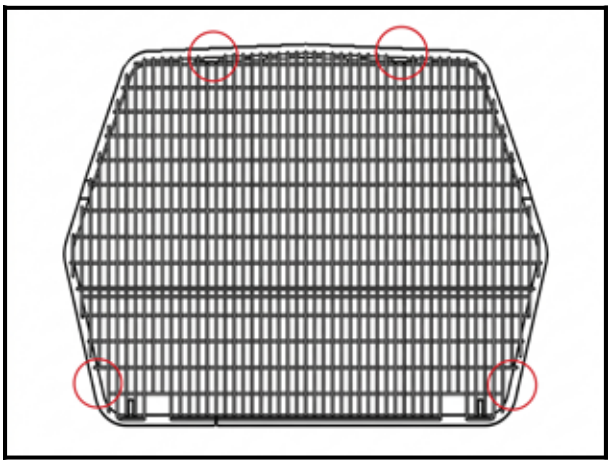
Recline the seats to the first recline position as shown in the image.



Step 42

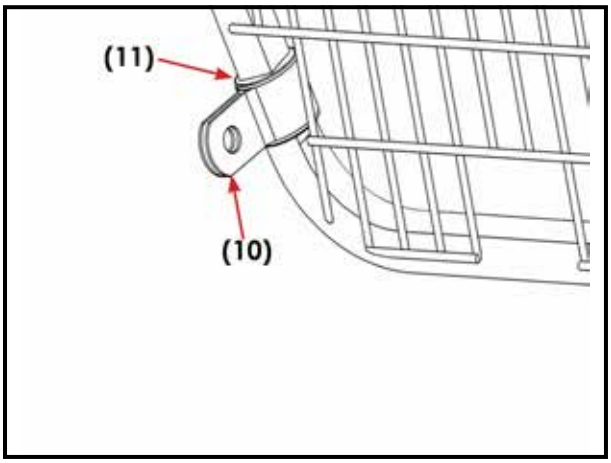
At each of the cut outs in the mesh on the perimeter at the side of the cargo barrier, place a Pivot Saddle Bush (11).





Step 43

Place a Pivot Saddle (10) over each of the Pivot Saddle Bushes (11) then push the ends together.



Step 44

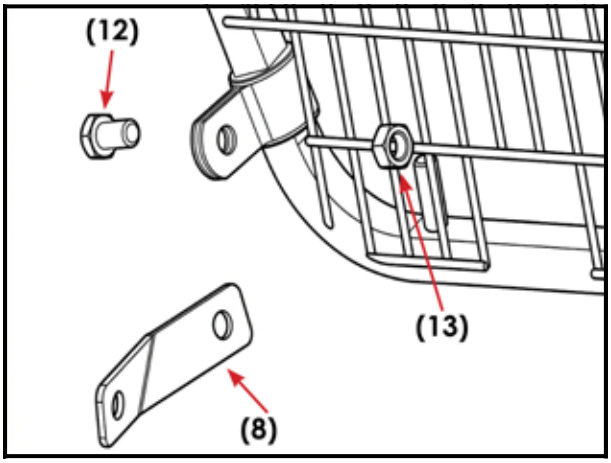
On LHS, position the Bottom Strap LHS (8) between the ends of the pivot saddle then place a M10 x 20mm hex head bolt (12) through the saddle and strap.

Place a M10 Hex head Nut (13) onto the hex head bolt then tighten until the strap is firm in the saddle but can still be pivoted.

Repeat step on the RHS with Bottom Strap RHS (9).

Tools Used

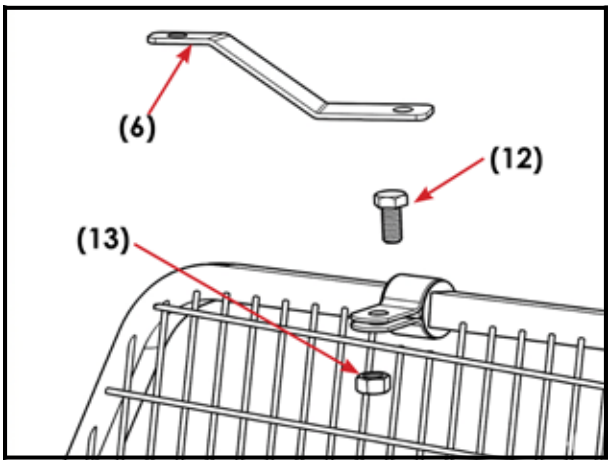
- Ratchet
- 16mm Socket
- 17mm Spanner



Step 45

Repeat step 55 to install the Top Strap LHS (6).

Repeat process for RHS with Top strap RHS (7).



Tools Used

- Ratchet
- 16mm Socket
- 17mm Spanner

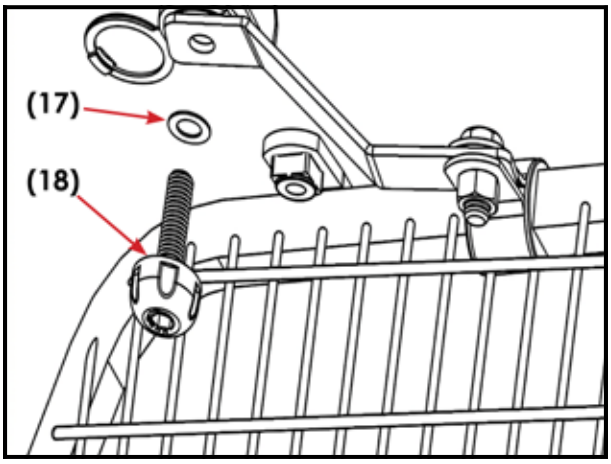
Step 46

Position the cargo barrier in the vehicle with the meshed side facing the rear with the bottom of the cargo barrier sitting on top of the cargo floor.

Secure the top straps to the top mounts using M10 x 34 Milbolts (18) with wave washers (17) under heads.

Hand tighten the milbolts to **~1-2 Nm**.



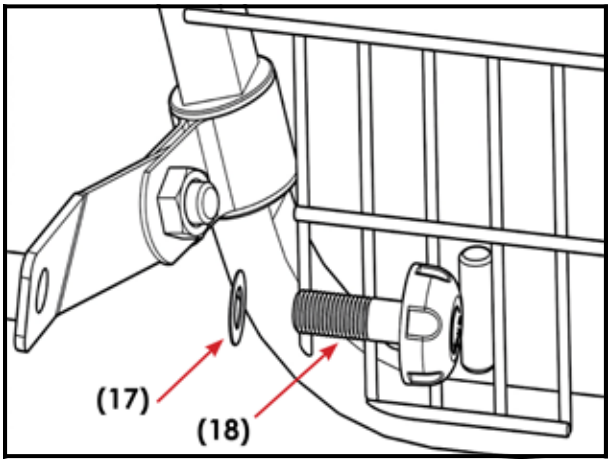


Step 47

Secure the bottom straps to the bottom mounts using M10 x 34 milbolts (18) and wave washers (17) under heads.

Hand tighten the milbolts to **~1-2 Nm**.

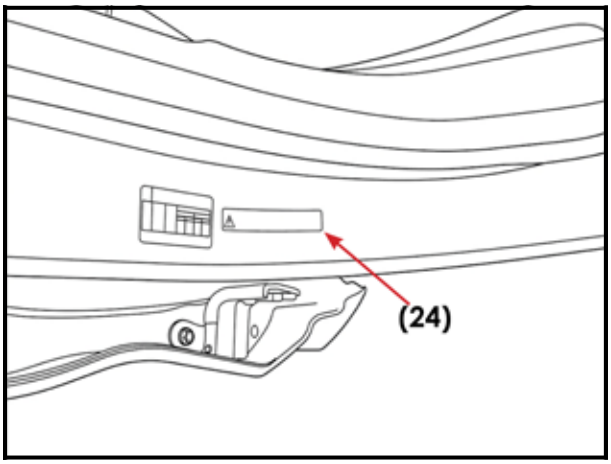




Step 48

On the inside of the drivers door opening. Clean the area shown using a clean cloth.

Affix the orange warning label (24) in the location shown.

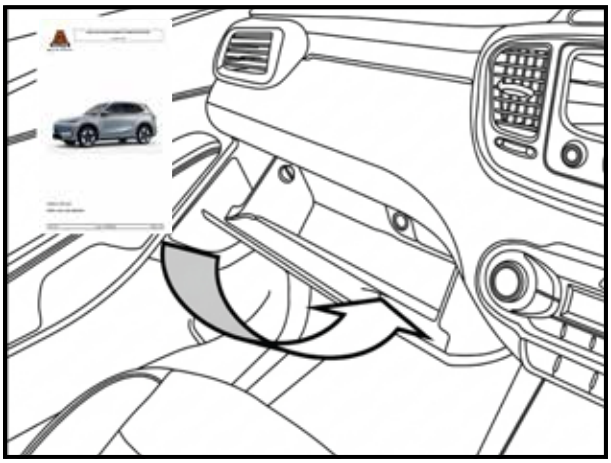


Tools Used
- Clean Cloth

Step 49

Important

Please place User instructions in the glove box after installation is completed.



Step 50

The Cargo Barrier Installation is now complete.

