



**HIACE LONG WHEEL BASE VAN
PRODUCTION PERIOD (March 2019 onwards)
CARGO BARRIER
Installation instructions**

Accessory Part No: 217853

Installation Time: 60 min

Place these instructions in the vehicle's glove box after installation is complete.

Care Instructions:

- To fit the cargo barrier the following is essential: (where applicable)
- Always drill perpendicular to the surface (Unless stated otherwise).
- A positive drill stop as specified in the instructions should always be used to prevent accidental damage to external panels, fuel lines etc.
- Ensure Safety Eye Protection and Gloves are worn as required when using cutting tools.
- When cutting metal panels be very careful of sharp edges, for risk of skin cuts etc.
- Care should be taken when applying Rust Preventative Sealer to all holes drilled to negate the possibility of skin and eye irritation. Use of eye protection is advised.
- Check screws in relevant components by hand before installation. Should there be resistance, re-tap threads and re-check. Care should be taken not to cross thread the fasteners during installation of the components to the vehicle.
- **Before marking or drilling to install this cargo barrier, check the vehicle for LPG conversion & non standard fuel tanks. Locate tanks and all lines attached and take EXTREME CARE not to damage whilst installing this cargo barrier.**
- **Before drilling to install this cargo barrier, check for concealed wiring looms. E.g. tow bar, reversing camera, reversing sensor wiring etc. Relocate before drilling to avoid damage.**

Warnings:

- Do not obstruct seat belts or child restraints, or their operation.
- Do not attach the cargo barrier to the vehicle using seat, seat belt or child restraint anchorages.
- Do not drill, rivet, adhere or attach objects to the front or rear of the cargo barrier.
- Do not modify the cargo barrier in any way.
- Do not use this cargo barrier in any other vehicle or position, for which it is not designed.
- During a collision, moving cargo may damage the seat belts and the tether strap of a child restraint device or its anchorage. Load should not be in contact with webbing.
- Child restraints should not be used while cargo, which could potentially damage the tether strap, is being carried.
- When cargo is placed behind the cargo barrier, it may damage child restraint anchorages and upper anchorage straps.
- Position the load against the cargo barrier.
- Long thin items of cargo should be positioned in the vehicle with the long axis across the vehicle to minimise the penetration risk.
- Do not place smaller items that may bypass the cargo barrier in the event of heavy braking or collision, near the edges of the barrier.
- Do not remove the plaque from the cargo barrier.



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Installation Kit

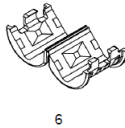
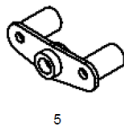
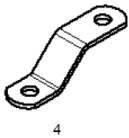
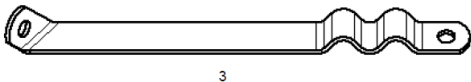
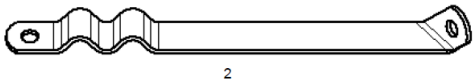
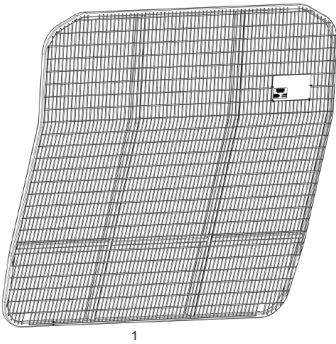
Part Name	Qty
Cargo barrier ASM	1
Bracket (Top LHS)	1
Bracket (Top RHS)	1
Bracket (Bottom)	2
Bracket	2
Saddle Pivot Bush	4
Pivot Saddle	4
Bolt - Hex Head M10 x 30mm	2
Nut - Hex Head Nyloc M8	4
Screw - Button Head M6 x 40mm	6
Flat Washer M8	8
M8x25 Bolts	4
Flat Washer M6	6
Spring Washer M6	6
Flat washer M10	2
Spring Washer M10	2
Spring Washer M8	4



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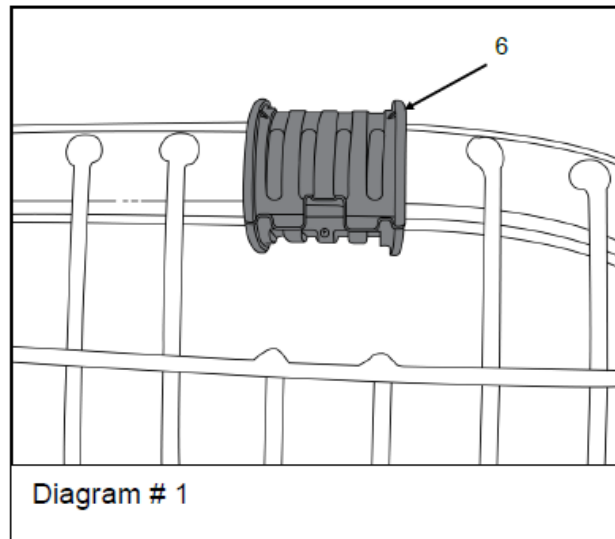
Tools Required:

Trim removal tools	Socket wrench
4mm Hex driver bit	Metric sockets
Driver bit adaptor	5mm Hex driver bit
Torque wrench (9.5Nm/17Nm/24Nm)	16mm Vinyl cutter
Marker pen	Vacuum cleaner
Power drill	16mm plywood cut-out

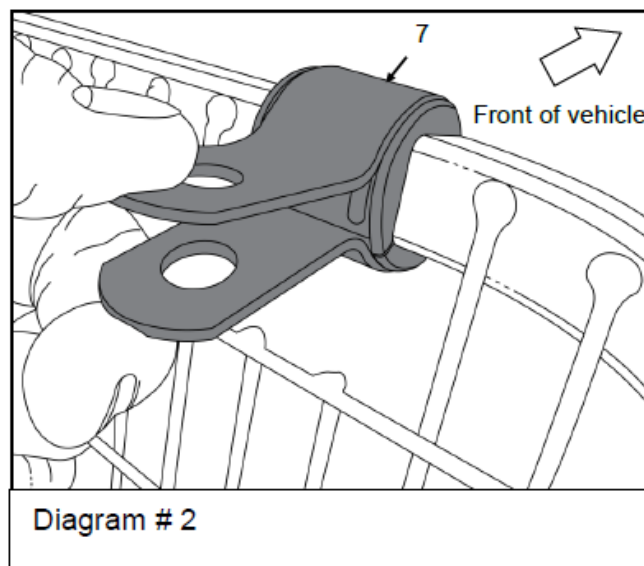




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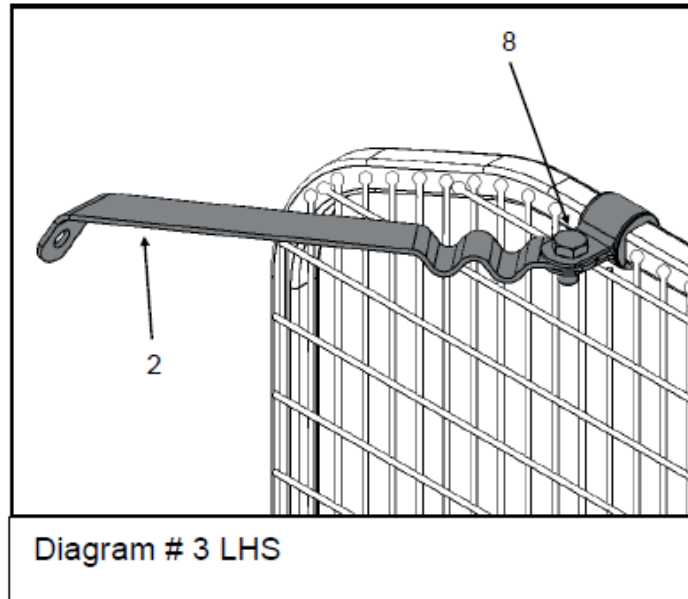
Step 1: Cut a slit in all 4 pivot saddle bushes. At each of the cut outs at the top of the mesh on the perimeter of the cargo barrier, place a pivot saddle bush (6) as shown.



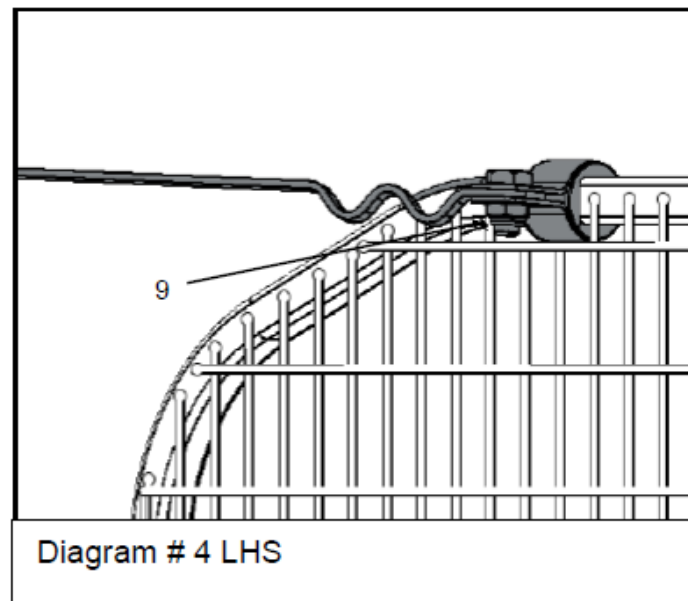
Step 2: Place a pivot saddle (7) over each of the pivot saddle bushes then push the ends together. Make sure to keep the cut end of the pivot saddle bush on the inner side of the pivot saddle.



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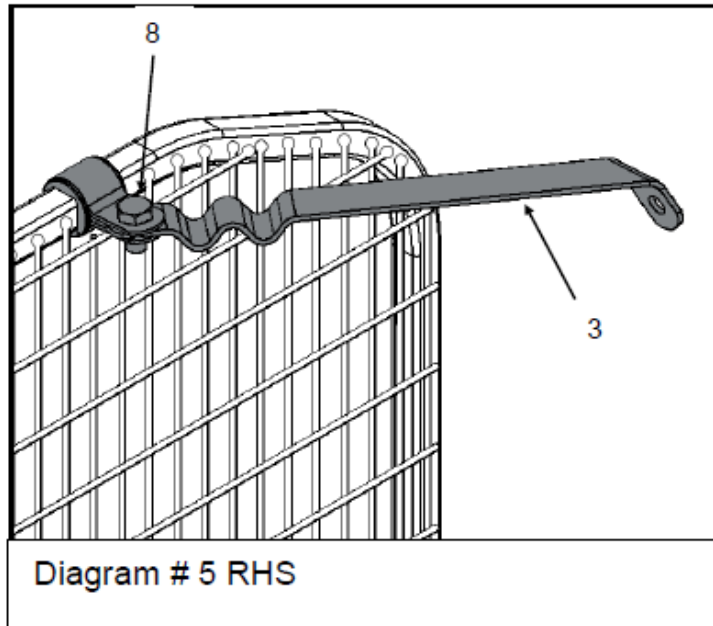
Step 3: Place the LHS top strap (2) in between the pivot saddle ends then place an M8x25 bolt (8) through the saddle and strap.



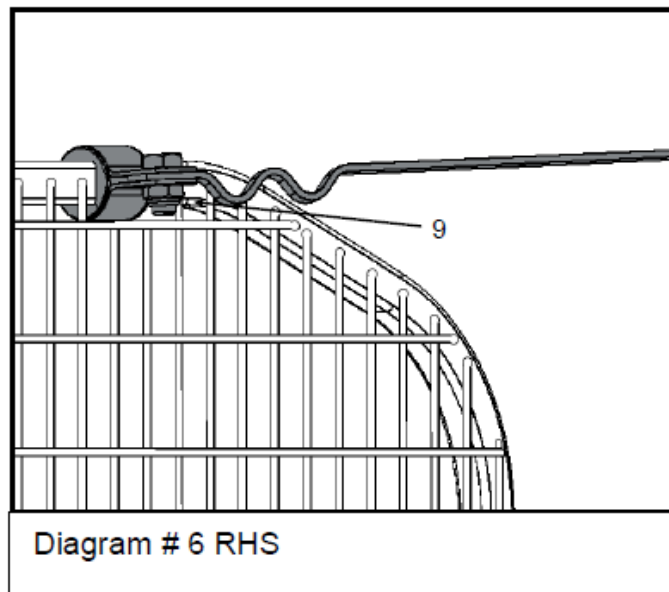
Step 4: Place a nyloc hex nut (9) onto the hex bolt on the LHS strap, then tighten until the strap is firm but can still be pivoted.



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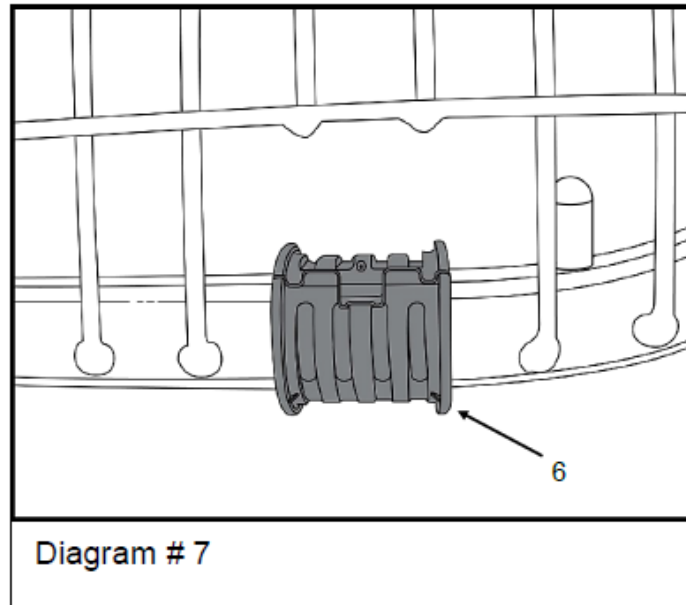
Step 5: Place the RHS strap (3) in between the pivot saddle ends then place a hex bolt (8) through the saddle and strap.



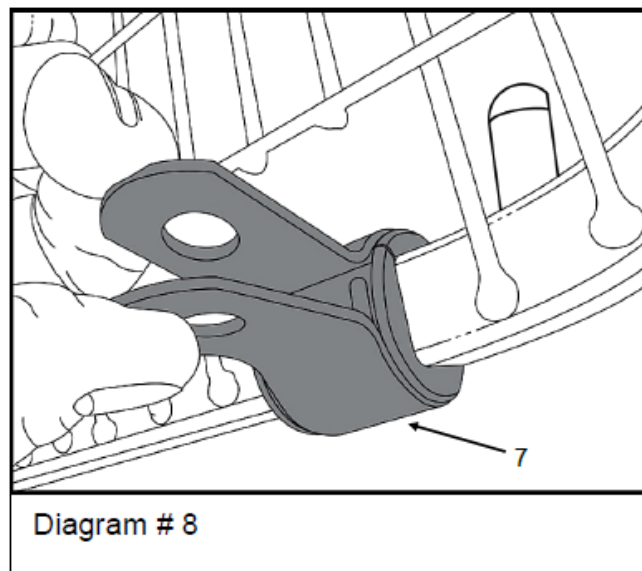
Step 6: Place a nyloc hex nut (9) onto the hex bolt on the RHS strap, then tighten until the strap is firm but can still be pivoted.



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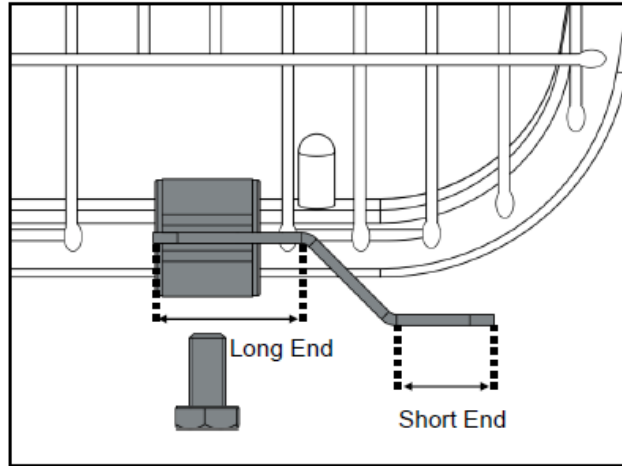
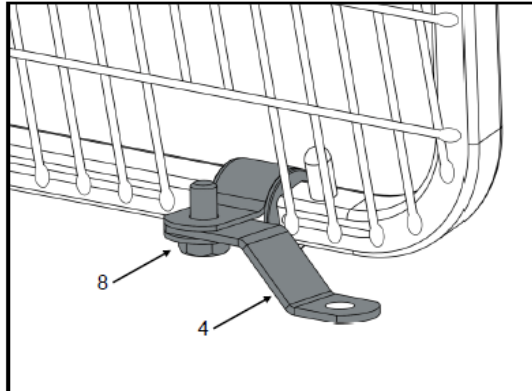
Step 7: At each of the cut outs at the bottom of the mesh on the perimeter of the cargo barrier, place a pivot saddle bush (6) as shown. Make sure to keep the cut end of the pivot saddle bush on the inner side of the pivot saddle.



Step 8: Place a pivot saddle (7) over each of the pivot saddle bushes then push the ends together.

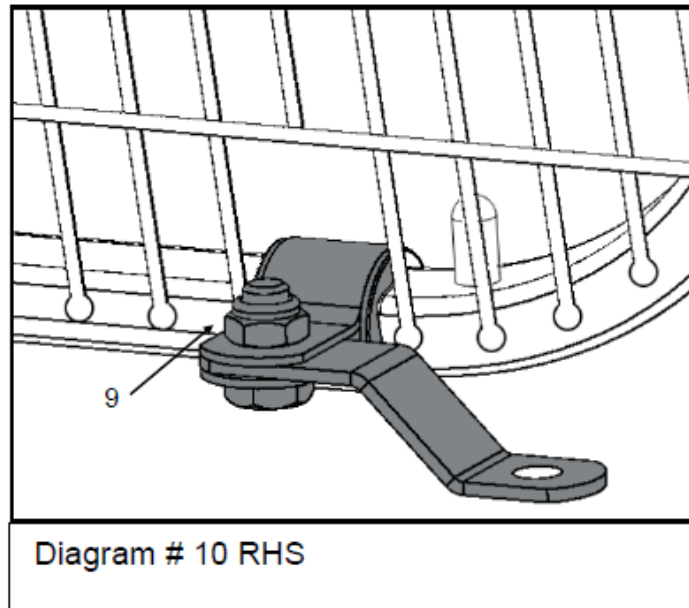


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Step 9: Place a strap (4) in between the pivot saddle ends, then place a hex screw (8) through the saddle and strap.

Note: The longer end of the strap must be placed between the saddle. The straps will need to face outwards from the centre of the cargo barrier, and be parallel to the frame of the cargo barrier.



Step 10: Place a nyloc hex nut (9) onto each of the hex screws, then tighten until the strap is firm but can still be pivoted.



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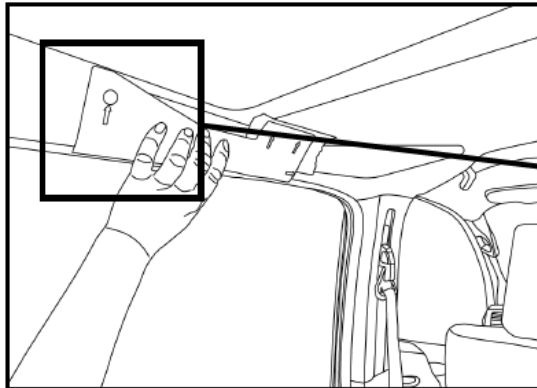
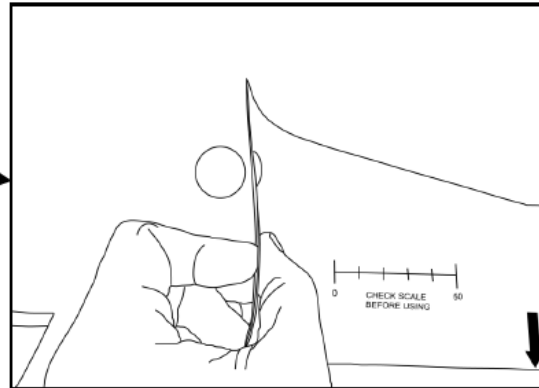


Diagram # 11



Step 11: Cut out the template provided. Cut a hole to allow access to align the template with the trim plug, and pierce holes in the mounting point locations.

Step 12: Open the sliding door on the LHS and place the template provided over the roof trim to align it with the trim plug as shown.

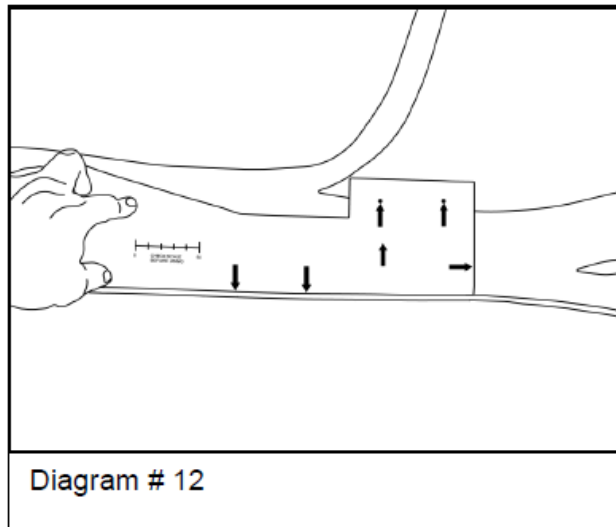


Diagram # 12

Step 13: Align the bottom of the template with the rubber door seal. (Follow instructions on template)



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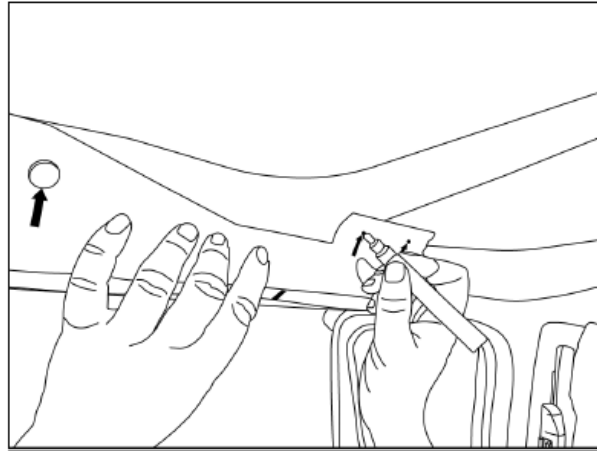


Diagram # 13

Step 14: Mark the mounting point locations with a marker and remove the template.

Step 15: Repeat steps 12-14 on the RHS of the vehicle with the template reversed.

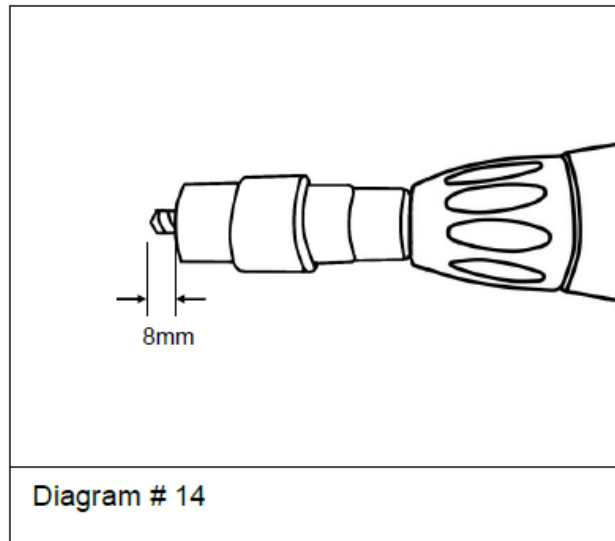
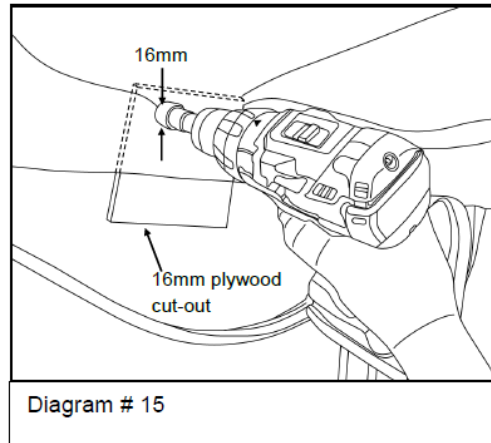


Diagram # 14

Step 16: The centering drill must be no greater than 8mm in length so that drill does not go through the plywood.

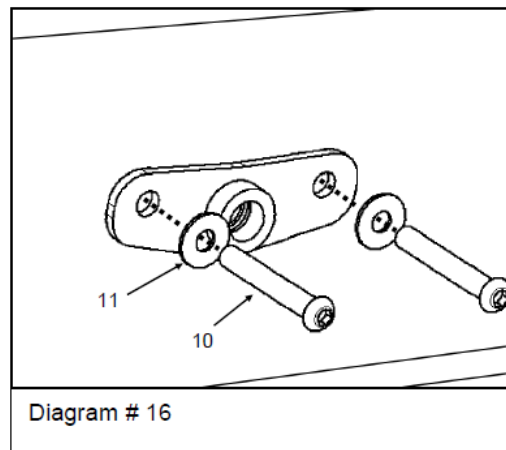


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Step 17: Remove the trim plugs and place a 16mm plywood cut-out behind the trim to stop the drill from cutting through behind the trim.

Step 18: At the marked locations cut a 16mm hole through the roof lining using a 16mm vinyl cutter. Two holes each side need to be drilled.



Step 19: Remove the blanking stickers covering the threaded holes on the metal work behind the roof lining.

Step 20: Secure the bracket in the holes using flat washers (11) and M6 screws (10).

Step 21: Tighten and torque all securing screws to 9.5Nm.

Step 22: Reinstall the trim plugs removed from the headliner in step 17.



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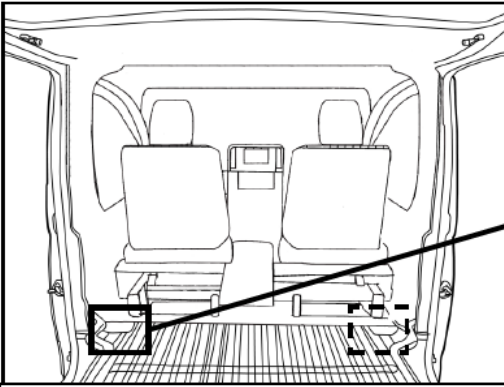
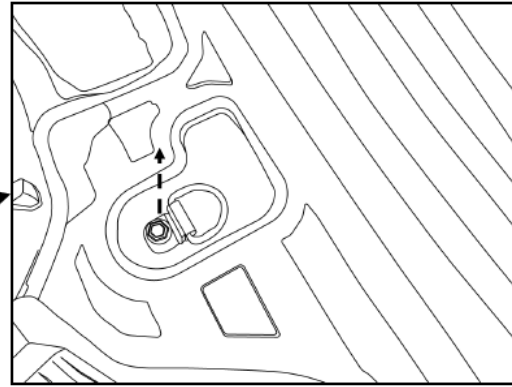


Diagram # 17



Step 23: At the front of the cargo area floor, undo the bolts securing the two forward anchor points in place. If a floor mat is installed, cut out the pre-marked section of the mat covering the anchor points.

Note: The anchor point securing screws will be replaced with screws from the kit. Discard existing screws.

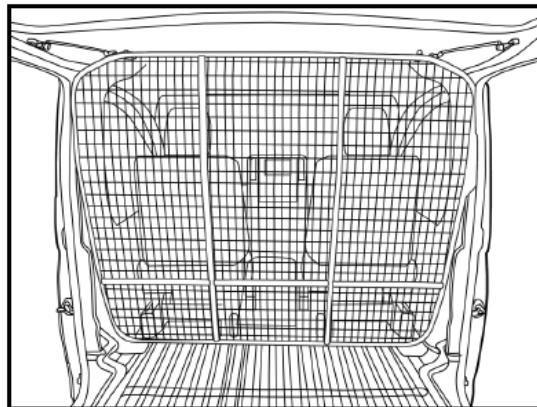


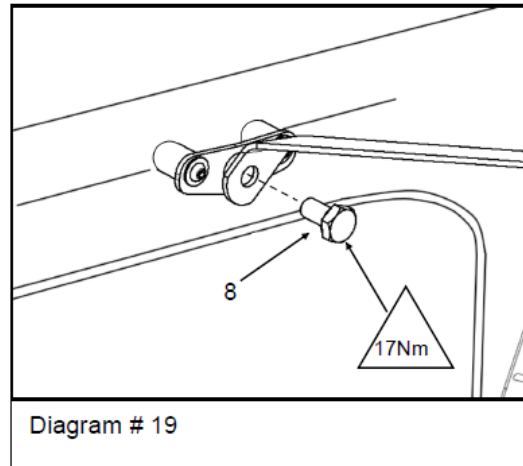
Diagram # 18

Step 24: Ensure all straps are pivoted towards the meshed side of the cargo barrier.

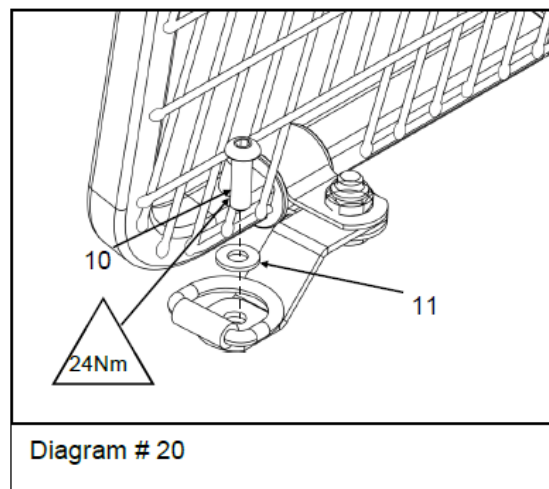
Step 25: Position the cargo barrier at the front of the cargo area with the meshed side facing the rear.



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Step 26: Secure the top straps to the upper mounts using M10 hex head bolts (8) and torque to 17Nm.



Step 27: With the front 'D' anchors sitting on top of the cargo barrier straps, secure the bottom straps and anchors to the captive nuts in the floor using M6 screws (10) with flat washers (11) under heads.

Step 28: Tighten and torque (10) to 24Nm.

Step 29: Tighten and torque mounts to the barrier to 17Nm to finish the installation.