



Behind you all the way

TOYOTA HIACE LONG WHEELBASE CARGO BARRIER FITTING INSTRUCTION PART # 607325

VEHICLE YEARS OF MANUFACTURE - From May 2019



This cargo barrier is capable of being located in one position, behind the 1st row of seats in an upright position.* A high degree of technical competence is necessary to correctly install this product.

We recommend this cargo barrier be installed by an authorised outlet to ensure the barrier installation complies with AS/NZS 4034 Standard.

The cargo barrier is designed, manufactured and fitted to decrease the impact hazard in an accident to occupants from cargo carried within the interior cargo space of the vehicle. In the event of an accident, a cargo barrier can reduce injuries caused by cargo intruding into occupant's space.

**Note: An optional tilt adjustment kit PN607327 is available to compliment this product, which allows for different driver requirements whilst maximising cargo area.*

Installation time approximately 1 Hour
"The estimated fitting time is based on an experienced fitter conversant with the fitment procedure"



WARNINGS

- **Strict compliance with fitting instructions is essential for this safety product to meet its rated capacity. Refer user instructions regarding correct usage of the cargo barrier.**
- **Do not modify cargo barrier in any way.**
- **Do not use this cargo barrier in any other vehicle for which it is not designed.**
- **Modifications to the cargo barrier or its fixings or use in any other vehicle for which it is not designed may void the load rating and warranty.**
- **Do not attach the cargo barrier to the vehicle using seat, seat belt or child restraint anchorage's.**
- **Where high tensile threaded fasteners are used, the cargo barrier must be installed using the size and grade fasteners specified by Milford Industries.**
- **Do not drill, rivet, adhere or attach objects to the front or rear of the cargo barrier.**
- **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.**
- **Position the load against the cargo barrier.**
- **When load is positioned against cargo barrier, secure the load with a restraint system.**
- **During a collision moving cargo may damage seat belts or tether straps of a child restraint device, or its anchorage. Load should be carefully positioned so as not to come in contact with these items.**
- **Do not obstruct seat belts or child restraints, or their operation.**
- **Long thin items of cargo should be positioned in the vehicle with the long axis across the vehicle to minimise the penetration risk.**
- **If involved in an accident or accidentally damaged, the cargo barrier should be replaced and the anchorage's repaired to as new condition.**
- **Clean with soap and water only. Do not use solvents or chemicals. Discard cargo barrier if it becomes rusted. Do not expose to direct sunlight for long periods.**
- **It is extremely dangerous to ride in the cargo area of the vehicle behind the cargo barrier. It is recommended that the cargo barrier be removed. In a collision people or children riding unrestrained in these areas are more likely to be seriously injured or killed.**
- **Never leave a child in the vehicle unattended, particularly in the rear cargo area. The cargo area should never be used as a play area for children.**
- **The cargo barrier may deform and significantly intrude into occupant's space in an accident.**
- **Remember that the tailgate cannot be opened from inside the cargo area.**
- **The fixed labeling should not be removed from the cargo barrier.**
- **Failure to comply with warning notes may prevent the barrier protecting the occupants.**
- **Parents should explain to children how and when to use EMERGENCY ESCAPE HAMMER attached to cargo barrier.**
- **Do not remove the rating plaque from the cargo barrier.**

NOTICE TO INSTALLERS & DISTRIBUTORS

Please ensure Fitting Instructions are left with vehicle owner after installation.



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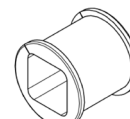
IMPORTANT: The installation kit contains sufficient components to fit the cargo barrier. A high degree of technical competence is necessary to correctly install this product. We recommend this cargo barrier be installed by an authorised outlet to ensure the barrier installation is correct. These instructions must be read and clearly understood before commencing installation. Check contents of kit before commencing fitment and report any discrepancies or damage.

Parts List

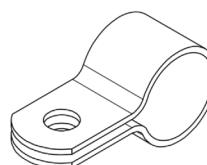
Item	Component Name	Part No.	Qty
1	Cargo Barrier ASM (not shown)	607340	1
2	Bottom Strap	771119	2
3	Pivot Saddle Bush	752680	4
4	Pivot Saddle	752700	4
5	Bolt - Hex Head M10 x 1.5 x 20mm Zn	912205	6
6	Nut - Nyloc Hex Head M10 x 1.5 Zn	922090	4
7	Bracket ASM	752034	2
8	Screw - Button Head Socket M8 x 1.25 x 25mm	913131	2
9	Flat Washer M8	932085	2
10	Screw - Button Head Socket M6 x 1 x 50mm	912983	4
11	Flat Washer M6	932080	4
12	Spacer Tube	754980	4
13	Top Strap (LHS)	771117	1
14	Top Strap (RHS)	771118	1
15	Template (see page 10)	-	1



2



3



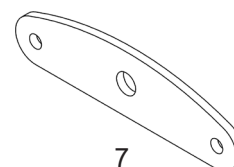
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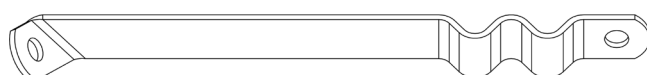
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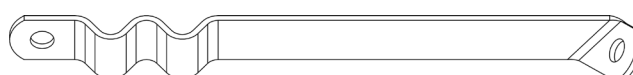
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13



14

E and OE—Errors and Omissions Excepted



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ADVICE TO FITTER

Note: To fit the cargo barrier the following is essential:

- ☐ Always drill perpendicular to surface (Unless stated otherwise).
- ☐ A positive drill stop 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.
- ☐ Check screws in relevant components by hand before installation. Should there be resistance re-tap threads and re-check.
- ☐ **Before marking or drilling to install this cargo barrier, check 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.**

CARE SHOULD BE TAKEN NOT TO CROSS THREAD THE FASTENERS DURING INSTALLATION OF COMPONENTS TO THE VEHICLE.

TOOLS REQUIRED

- | | |
|----------------------------------|--------------------------------|
| • Spanner - 16mm | • Socket Wrench |
| • 4mm Hex Driver Bit | • Metric Sockets - 16mm & 17mm |
| • 5mm Hex Driver Bit | • Masking Tape |
| • Driver Bit Adaptor | • 16mm Vinyl Cutter |
| • Torque Wrench (13Nm/17Nm/24Nm) | • Vacuum Cleaner |
| • Marker | • Plywood Cut-Out |
| • Power Drill | • Scissors |

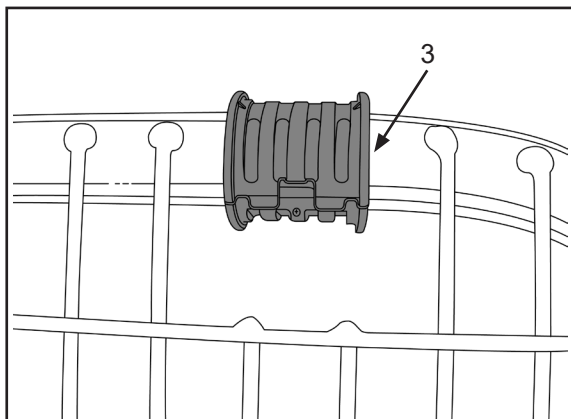


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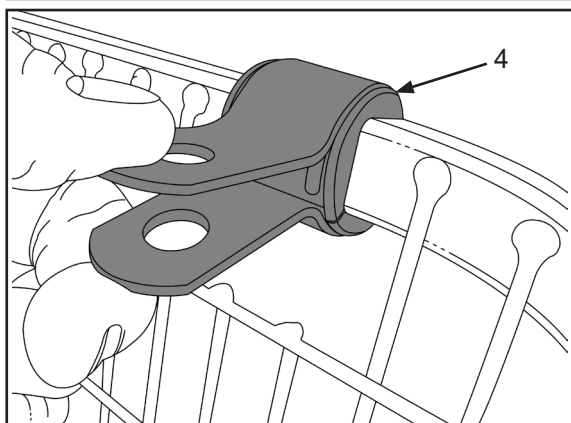
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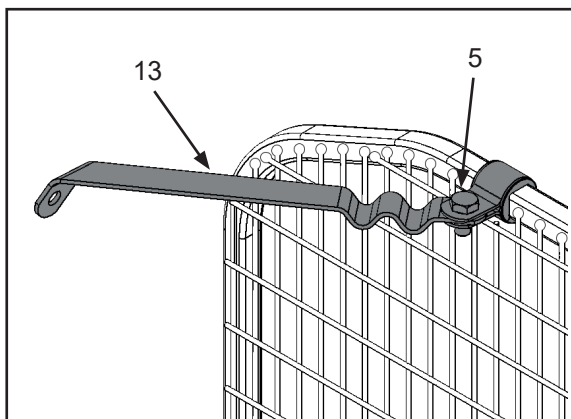
ASSEMBLING STRAPS TO CARGO BARRIER



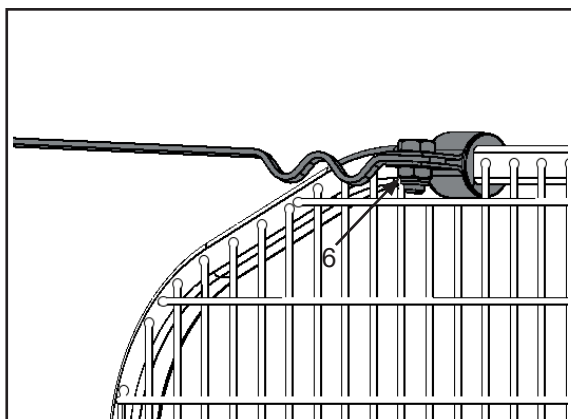
1. At each of the cut outs at the top of the mesh on the perimeter of the cargo barrier, place a pivot saddle bush (3) as shown. Orientation of the pivot saddle bush is not crucial.



2. Place a pivot saddle (4) over each of the pivot saddle bushes then push the ends together.



3. Place the LHS top strap (13) in between the pivot saddle ends then place an M10 bolt (5) through the saddle and strap.



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

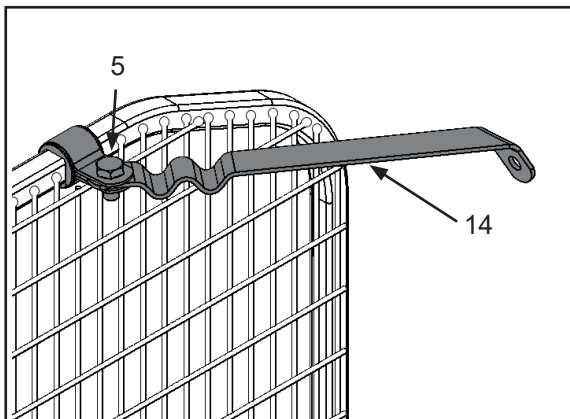


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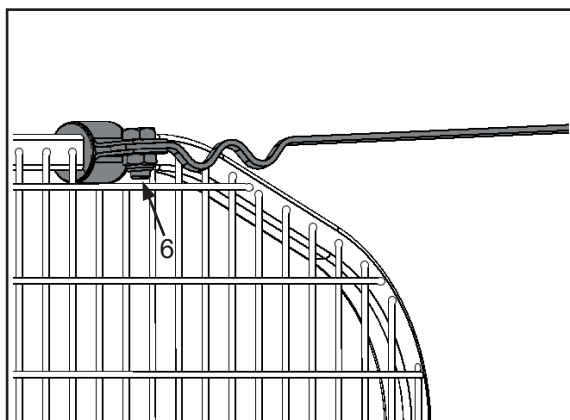
VEHICLE YEARS OF MANUFACTURE - From May 2019



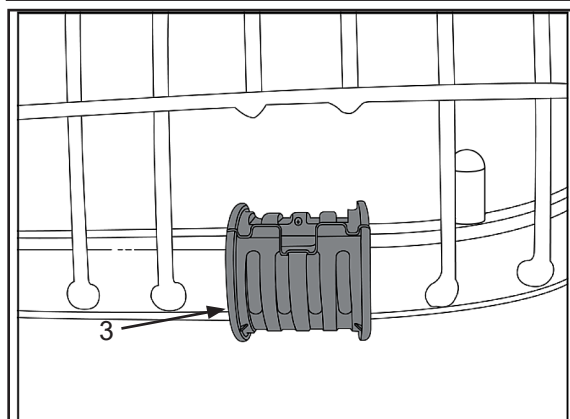
ASSEMBLING STRAPS TO CARGO BARRIER Cont'd



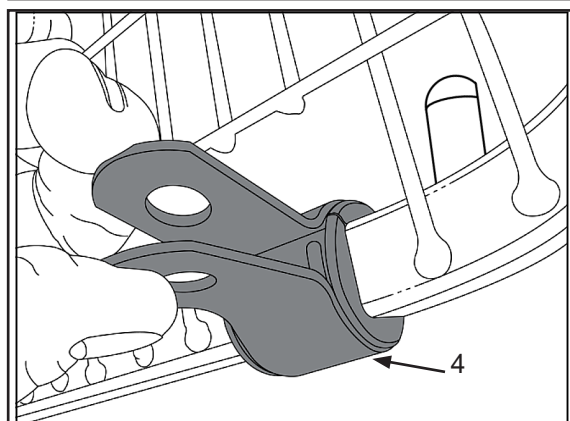
5. Place the RHS strap (14) in between the pivot saddle ends then place a hex bolt (5) through the saddle and strap.



6. Place a nyloc hex nut (6) onto the hex bolt (5) on the RHS strap, then tighten until the strap is firm but can still be pivoted.



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 (3) as shown. Orientation of the pivot saddle bush is not crucial.



8. Place a pivot saddle (4) over each of the pivot saddle bushes then push the ends together.



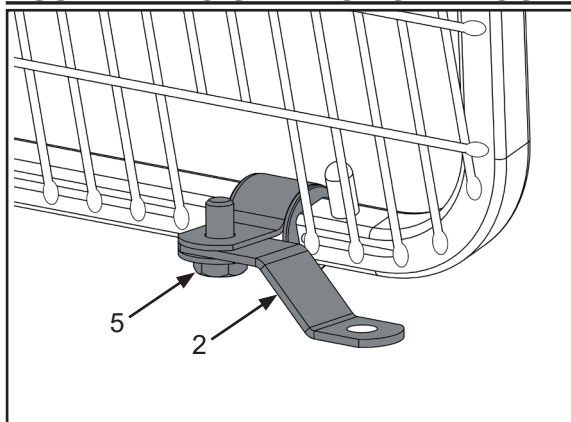
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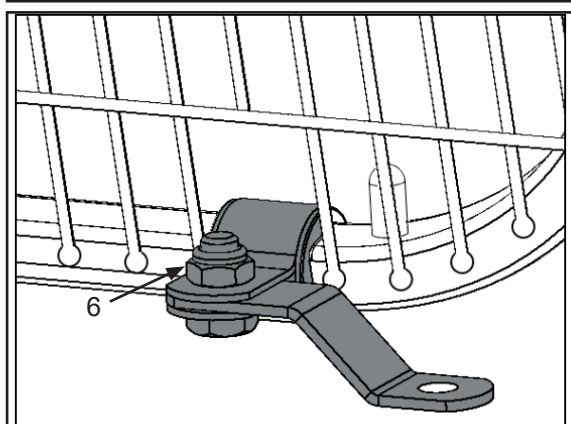
Behind you all the way

ASSEMBLING STRAPS TO CARGO BARRIER Cont'd



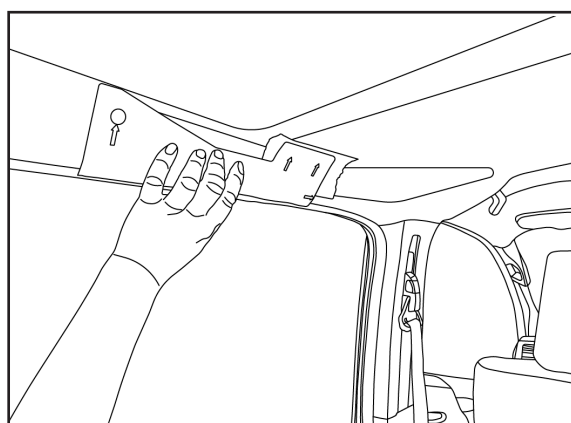
9. Place a strap (2) in between the pivot saddle ends, then place a hex screw (5) through the saddle and strap.

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.

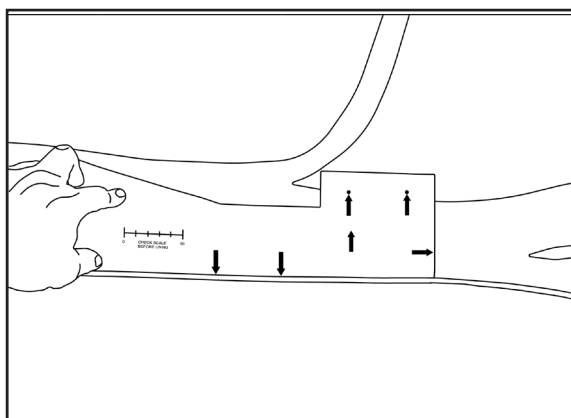


10. Place a nyloc hex nut (6) onto each of the hex screws, then tighten until the strap is firm but can still be pivoted.

INSTALLING TOP MOUNTS



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.
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.



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

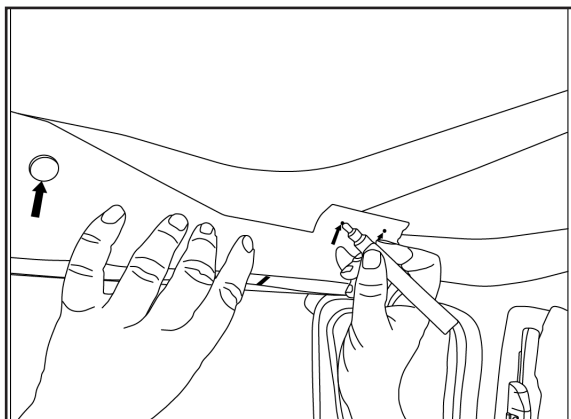


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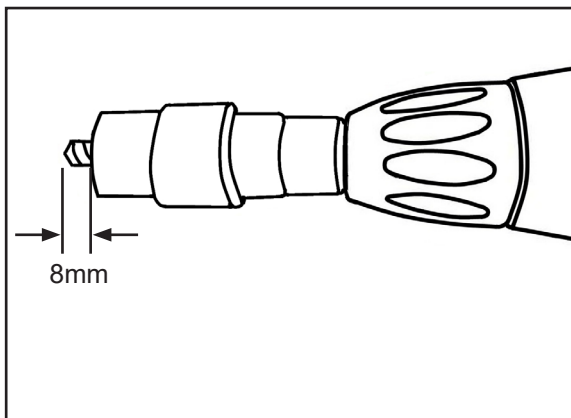
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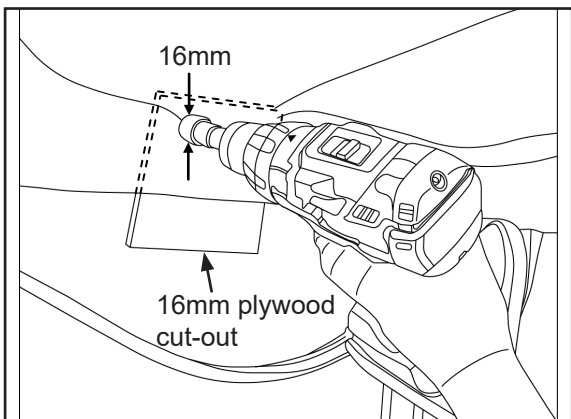
INSTALLING TOP MOUNTS Cont'd



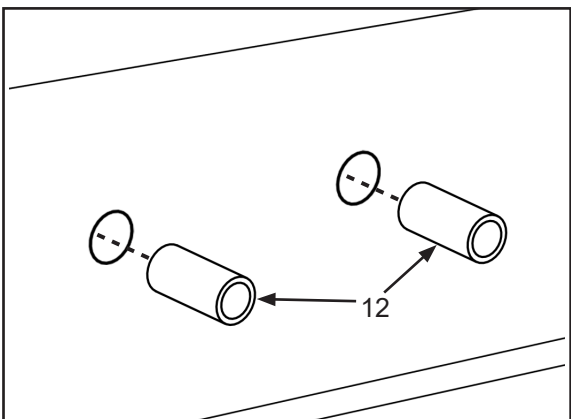
14. Mark the mounting point locations with a marker and remove the template.
15. Repeat steps 12-14 on the RHS of the vehicle with the template reversed.



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



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.
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.



19. Insert two spacer tubes (12) into the holes as shown on both sides of the vehicle.

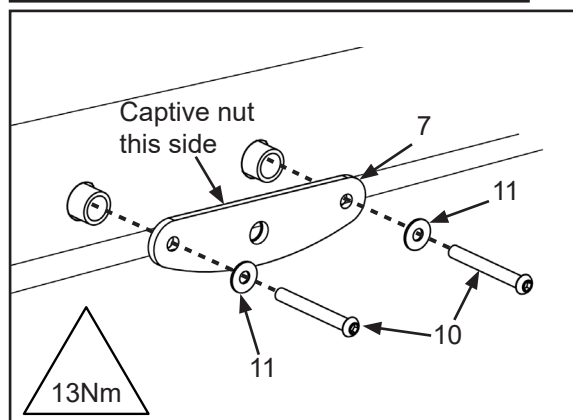


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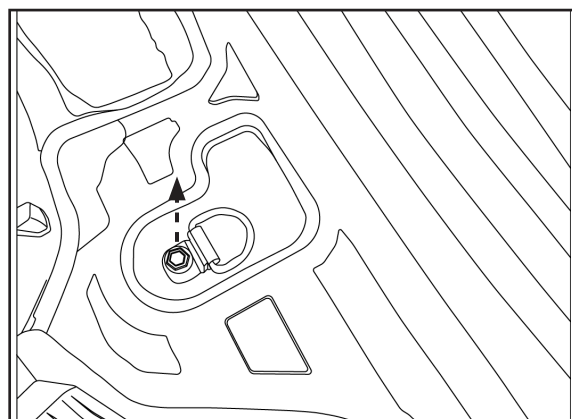
INSTALLING TOP MOUNTS Cont'd



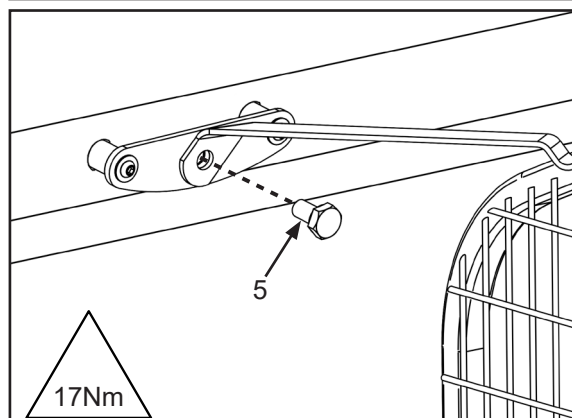
20. Secure a bracket ASM (7) to the spacer tubes with M6 button head socket screws (10) and M6 flat washers (11) as shown.
21. Tighten and torque the screws to 13Nm.
22. Repeat on the other side of the vehicle.

Note: If installing the optional bracket kit PN607327 install these instead of item 7 as per the supplementary instructions on page 9.

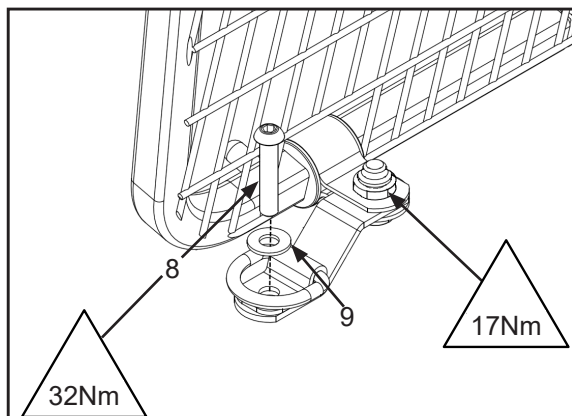
INSTALLING CARGO BARRIER TO VEHICLE



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.



24. Ensure all straps are pivoted towards the meshed side of the cargo barrier.
25. Position the cargo barrier at the front of the cargo area with the meshed side facing the rear.
26. Secure the top straps to the upper mounts using M10 hex head bolts (5) and torque to 17Nm.



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 M8 button head socket screws (8) with M8 flat washers (9) under heads.
28. Tighten and torque to 32Nm.
29. Tighten and torque mounts to the barrier to 17Nm to finish the installation.

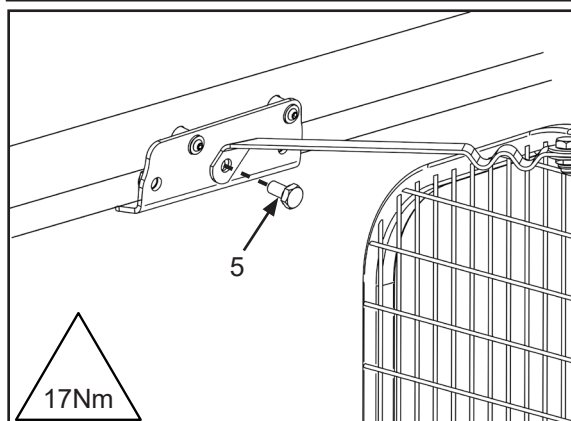
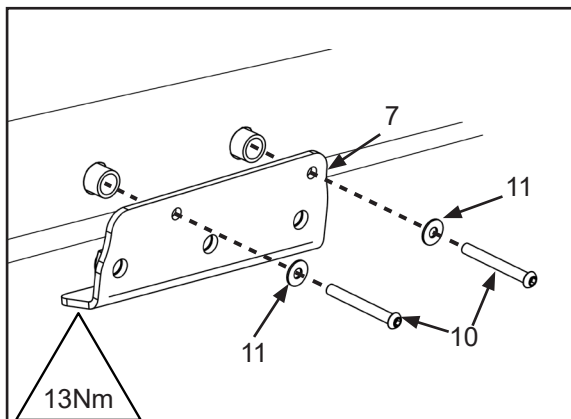


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INSTALLING OPTIONAL UPPER MOUNTS



Note: Optional adjustable position kit PN607327 required for following steps.

30. If already installed, remove the existing top bracket ASM from the top mounts on both sides of the vehicle.
31. Secure the LH adjustable bracket ASM to the LHS holes using the M6 button head socket screws (10) and M6 flat washers (11) as shown.
32. Tighten and torque the screws to 13Nm.
33. Repeat on the RHS with the RH adjustable bracket ASM.

34. Once the desired position is selected, secure the top straps to one of the three mounting holes using the M10 hex bolt (5), making sure to use the same hole on both sides.
35. Tighten and torque the bolts to 17Nm.