



TOYOTA PRIUS C CARGO BARRIER INSTALLATION INSTRUCTION Part # 609325

VEHICLE YEARS OF MANUFACTURE - From June 2017 Production
(August 2017 Release)



This cargo barrier is capable of being located in one position only, behind the 2nd row of seats with the seats in an upright position. The installation kit contains sufficient components for fitment to this location. 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.

Installation time approximately 1.0 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.
- Do not use cargo barrier in vehicles intended for motorsport.

NOTICE TO INSTALLERS & DISTRIBUTORS

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



TOYOTA PRIUS C CARGO BARRIER INSTALLATION INSTRUCTION

Part # 609325

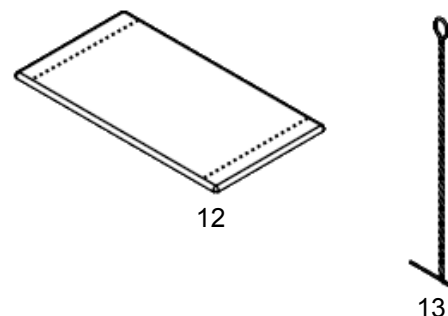
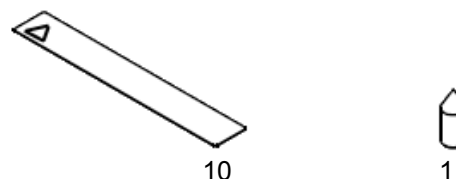
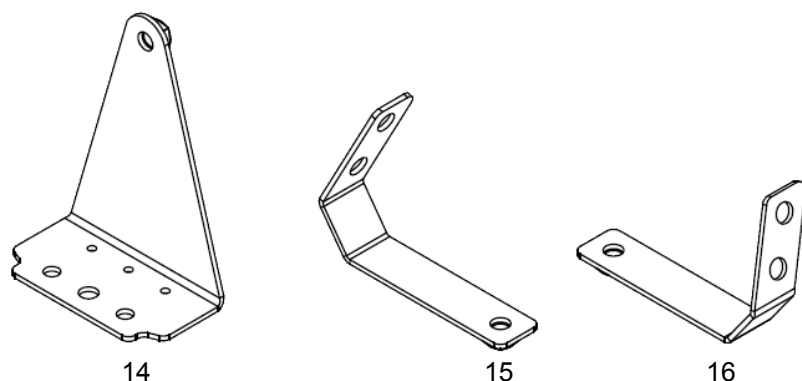
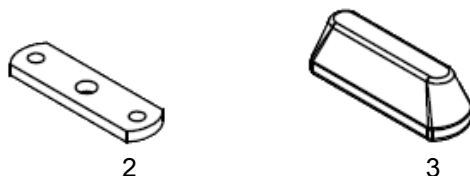
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IMPORTANT: The installation kit contains sufficient components to fit the cargo barrier. A high degree of technical competence is necessary to correctly install this product. We recommend this cargo barrier be installed by an authorised outlet to ensure 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)	609325	1
2	Mounting Plate ZP	754000	2
3	Seal - Mounting Plate	904020	2
4	Screw - CSK, 5/16" BSW x 1" ZP	912900	4
5	Screw - Hex Head, M10 x 20 ZP	912205	2
6	Milbolt - M10 x 19mm	912820	4
7	Washer - Wave, ZP	932125	4
8	Screw - Button Head, M8 x 25mm	913131	4
9	Threaded Insert - M8	922290	4
10	Label - Warning (Orange)	905017	1
11	Marking Pin - M10	906185	1
12	Rust Preventative (sachet)	906300	1
13	Installation Tool	754200	1
14	Lower Mounting Bracket ASM	753074	2
15	Upper Mounting Bracket ASM - LHS	753173	1
16	Upper Mounting Bracket ASM - RHS	753175	1



E and OE—Errors and Omissions Excepted



ADVICE TO FITTER

Note: To fit the cargo barrier the following is essential: (where applicable)

- ☐ 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.**
- ☐ Recycle discarded parts and packaging where possible and place other discarded items in refuse containers for proper disposal.

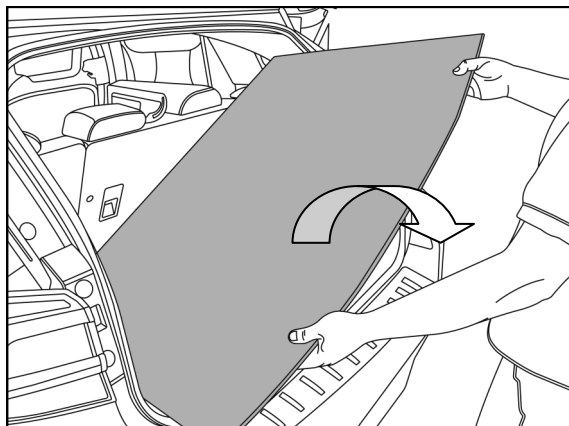
**CARE SHOULD BE TAKEN NOT TO CROSS THREAD THE FASTENERS DURING
 INSTALLATION OF COMPONENTS TO THE VEHICLE.**

TOOLS REQUIRED

- | | |
|-------------------------------------|------------------------------------|
| • Tape Measure | • Screwdrivers |
| • Steel Rule | • 22mm, 25mm Hole Saw |
| • Socket Wrench | • Hole De-Burring Tool |
| • Metric Hex Sockets | • Sharp Knife |
| • Trim Removal Tools | • #4 Phillips Driver Bit |
| • Hammer | • Magnetic Pickup Tool |
| • Power Drill | • Vacuum Cleaner |
| • Masking Tape | • Cover sheet / Drop sheet |
| • Marker Pen | • Clean Rag |
| • Centre Punch | • Threaded Insert Tool (M8 x 1.25) |
| • 5mm, 9mm, 11.5mm, 12mm Drill Bits | |
| • Drill Stop's | |

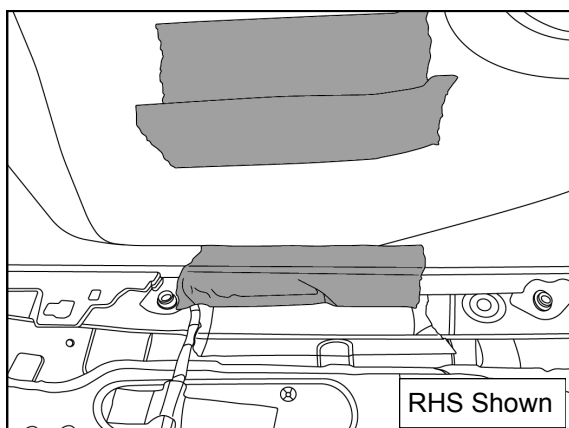


PREPARATION FOR FLOOR MOUNTS

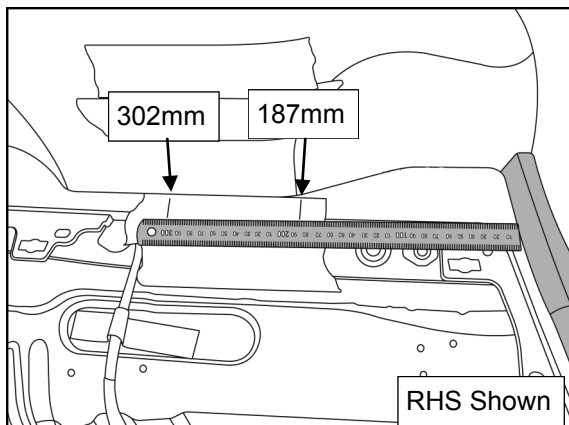


1. With the tailgate open remove the cargo cover and floor covering.

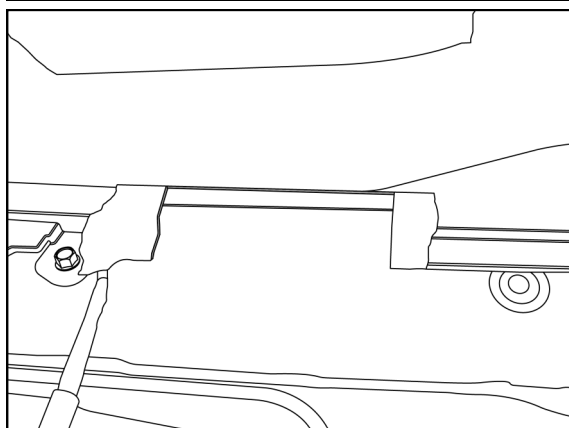
Note: The cargo cover cannot be replaced with the cargo barrier installed.



2. Affix masking tape to the foot and the side face of the hard plastic side trims as shown.



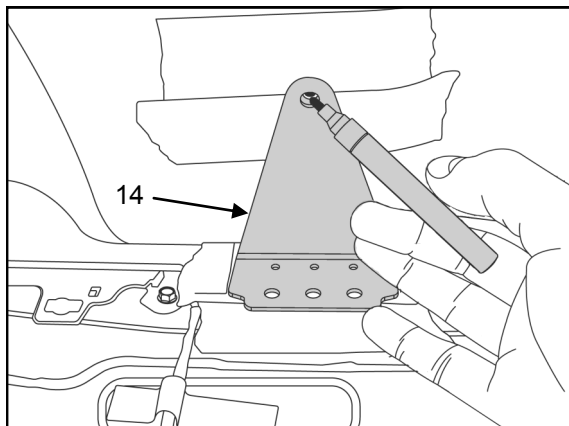
3. From the hard plastic back panel trim measure and mark positions 187mm and 302mm onto the masking tape as shown.
4. Repeat on the LHS.



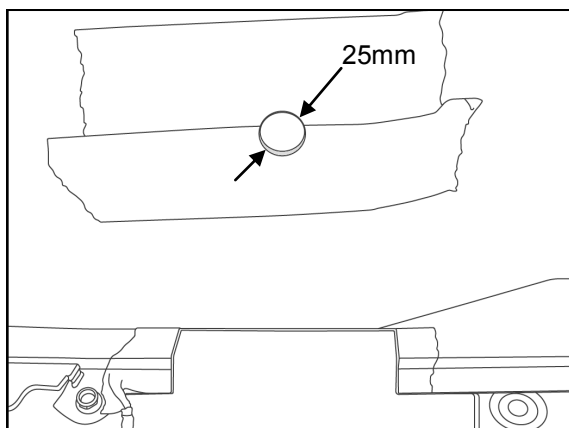
5. Using a multi tool or sharp knife carefully cut away the marked out area as shown.
6. Repeat on the LHS.



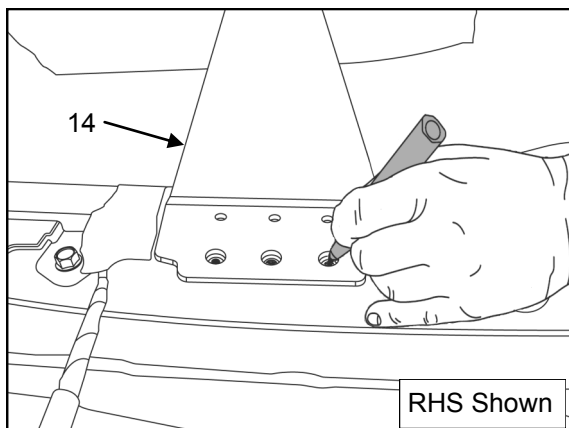
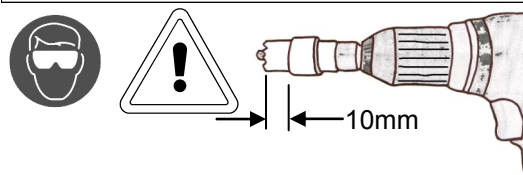
MARKING PROCEDURE FOR FLOOR MOUNTS



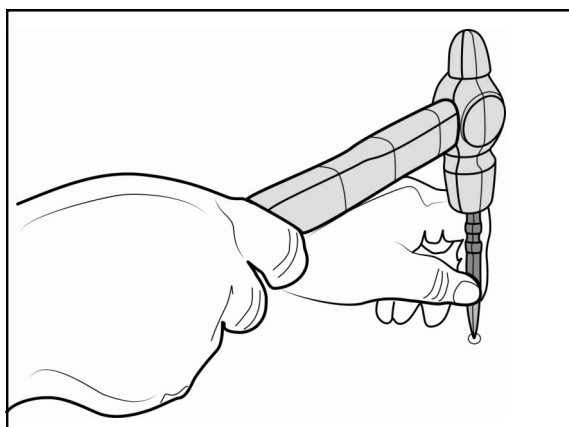
7. Position the bottom bracket ASM (14) in the middle of the cut out in the trim, with the base sitting on the metal floor.
8. Mark through the upper bracket hole onto the side trim.
9. Repeat on the LHS side.



10. Using a 5mm pilot drill with a drill stop set at 10mm drill a hole at each of the marked locations.
11. Using a 25mm hole saw with a drill stop set a 10mm enlarge the holes.



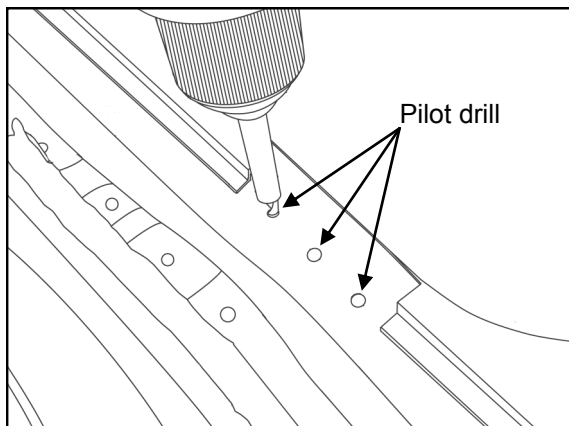
12. With the bottom bracket ASM positioned hard against the side trim and sitting on the metal floor panel, mark the 3 mounting hole positions through the bracket onto the metal floor panel. (mark through the 3x 11mm holes only)
13. Repeat on the LHS.



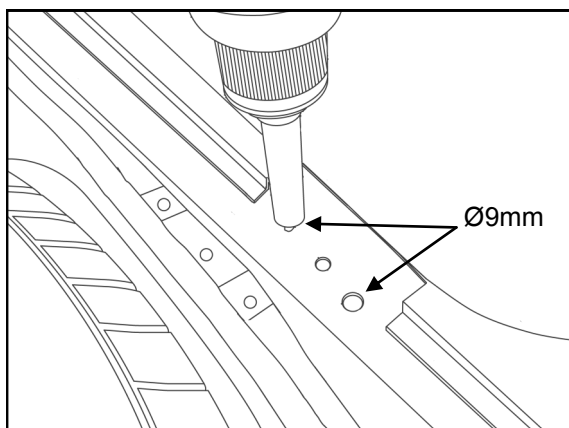
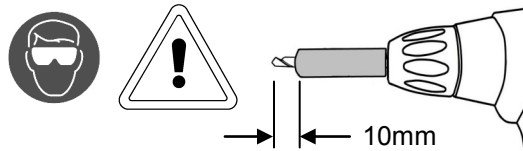
14. Centre punch the marked hole locations. (6 places)



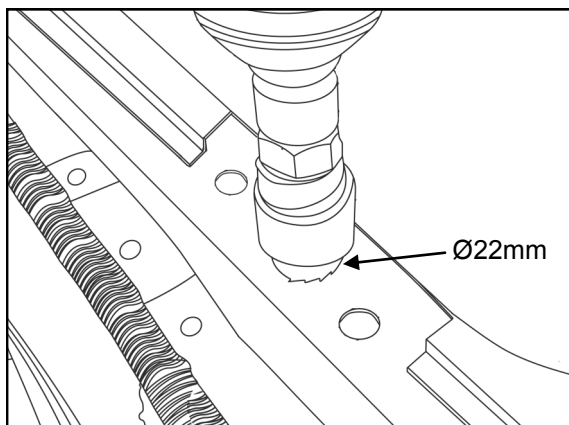
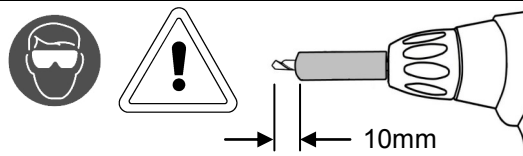
DRILLING PROCEDURE FOR FLOOR MOUNTS



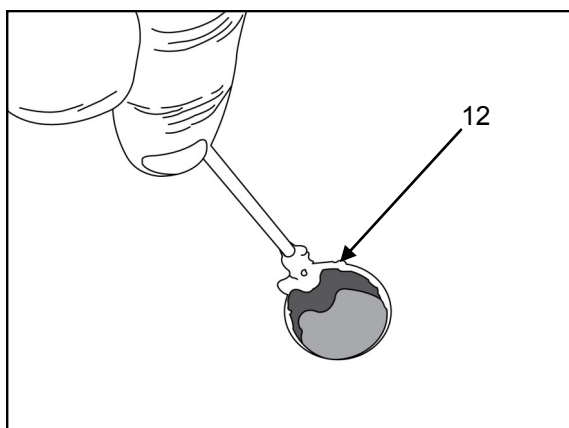
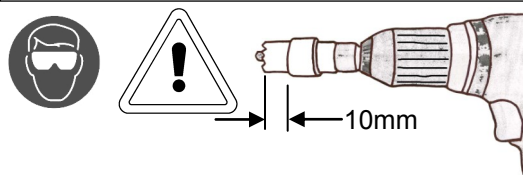
15. Using a 5mm drill bit with a drill stop set at 10mm, pilot drill each of the centre punched locations.



16. Using a 9mm drill bit with a drill stop set at 10mm, enlarge the outer holes only. (4 places)



17. Using a 22mm hole saw with a drill stop set at 10mm, enlarge the centre holes only. (2 places)

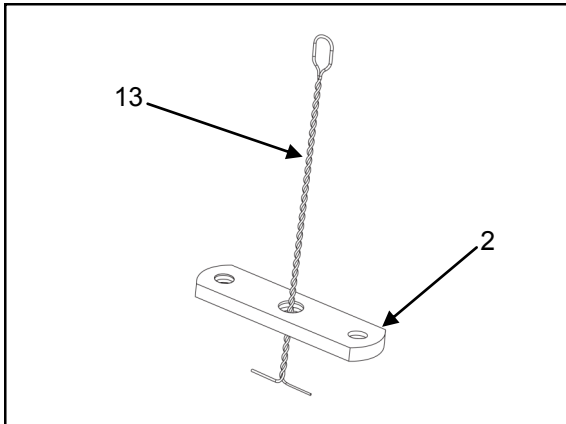


18. Deburr the drilled holes if required.
 19. Remove all masking tape.
 20. Vacuum away all drilling swarf.
 21. Apply rust preventative sealer (12) to the raw edges of the drilled holes using a small screwdriver.

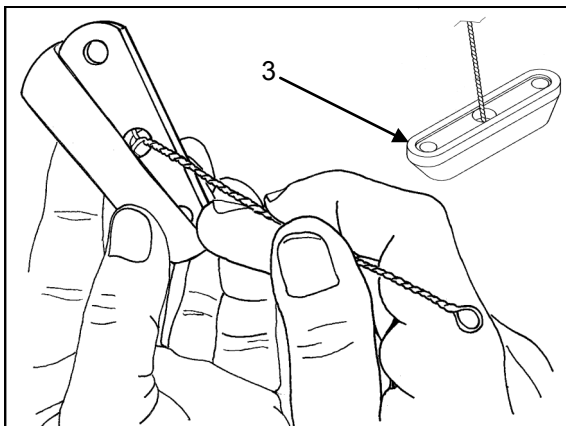




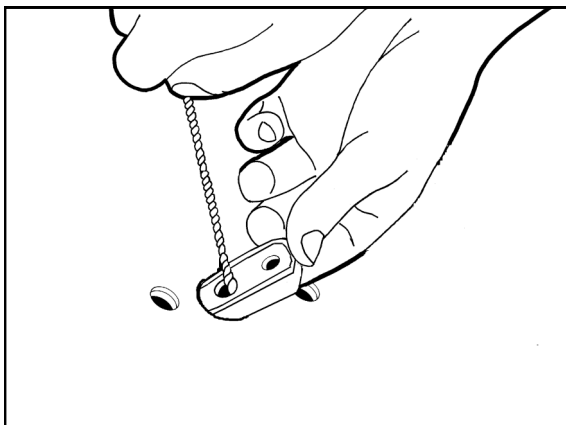
INSTALLATION PROCEDURE FOR BOTTOM MOUNTS



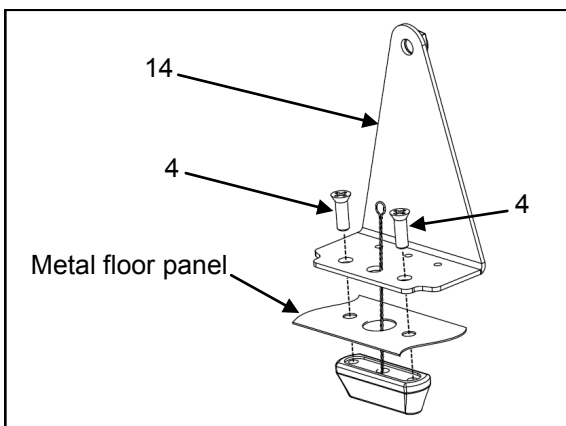
22. Place a mounting plate (2) over an installation tool (13) as shown.



23. Fit the mounting plate seal to the mounting plate as shown.



24. Whilst keeping hold of the installation tool, push the mounting plate ASM through the 22mm hole in the floor panel on the RHS.



25. Position the mounting plate behind the floor panel with the outer holes aligned with the drilled holes in the floor panel.
26. Taking care not to let go of the installation tool, place a bottom bracket ASM (14) centre hole over the installation tool.
27. Secure bracket to the mounting plate using the countersunk screws (4) through the outer holes.
28. Once secured remove the installation tool by pulling upwards.

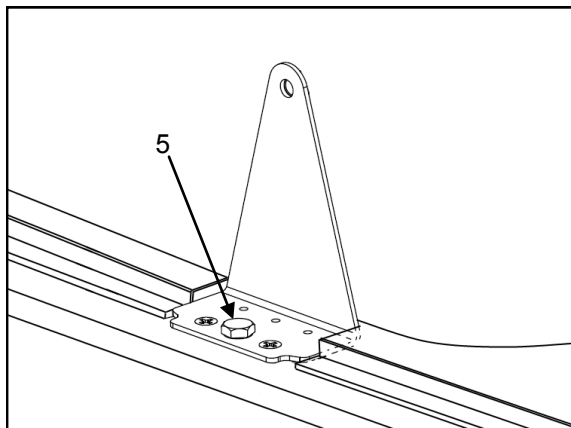
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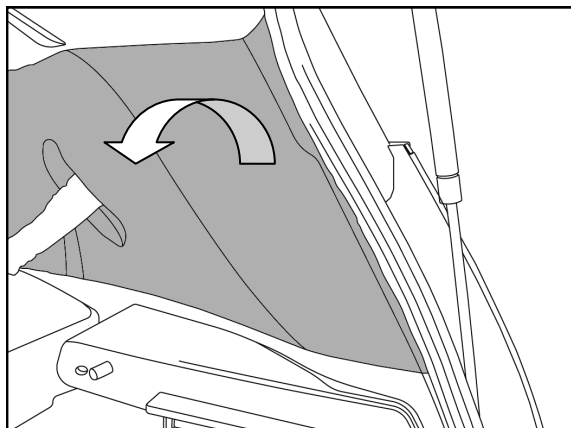


INSTALLATION PROCEDURE FOR BOTTOM MOUNTS - Cont'd

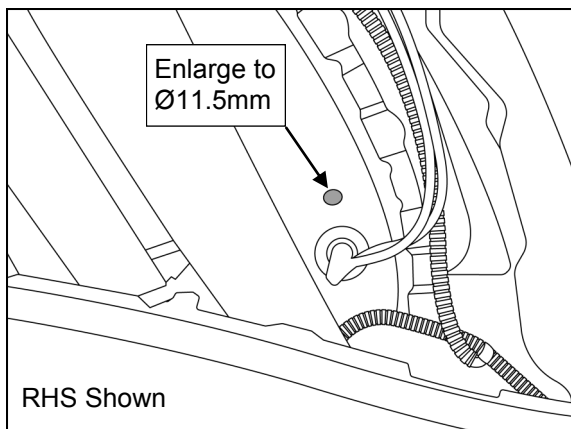


29. Place a hex head screw (5) in the centre hole.
30. With the bracket sitting hard against the side trim tighten all screws.
31. Reset the ends of the installation tool then repeat the above procedure on the LHS side.
32. Replace the cargo area floor panel.

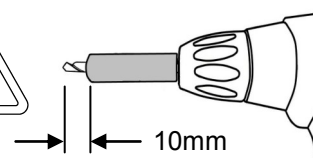
INSTALLATION OF THE UPPER MOUNTS



33. Using suitable trim removal tools carefully unclip and remove the upper rear quarter trims.

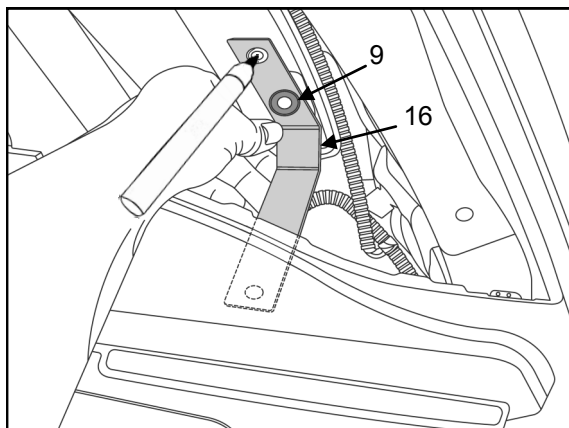


34. At the side of the rear quarter panel on the RHS locate the hole shown in the metal side panel.
35. Using an 11.5mm drill bit with a drill stop set at 10mm enlarge the hole.
36. Repeat on the LHS.

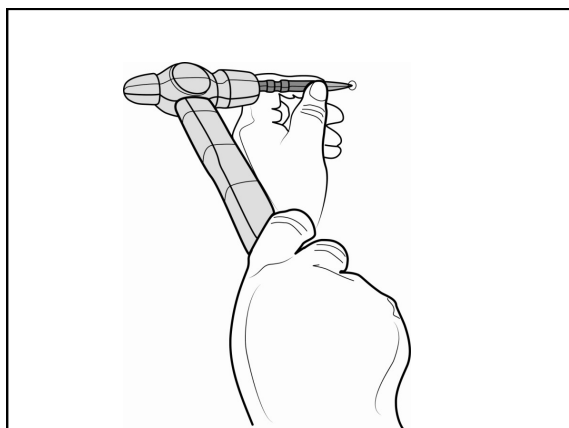




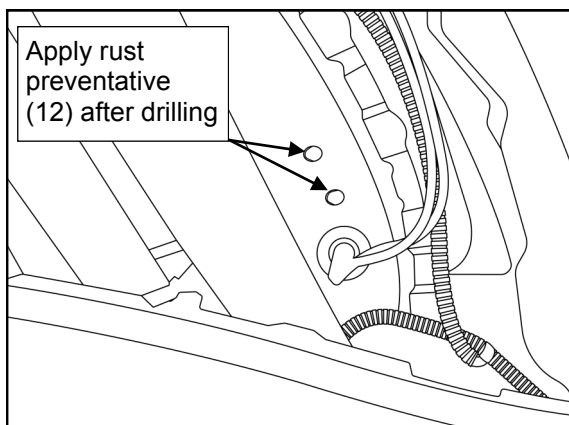
INSTALLATION OF THE UPPER MOUNTS



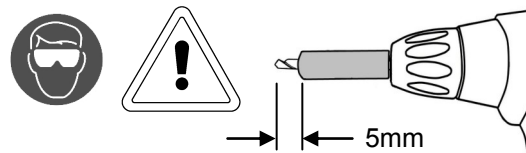
37. Place a threaded insert through the plain hole shown in the RHS upper mount bracket (16).
38. Place the threaded insert (9) in the drilled hole as shown with the bracket pushed hard against the underside of the side trim and the metal panel.
39. With the bracket in position mark the other mounting point through the bracket onto the metal panel.
40. Remove the bracket and repeat on the LHS using LHS upper mount bracket (15).



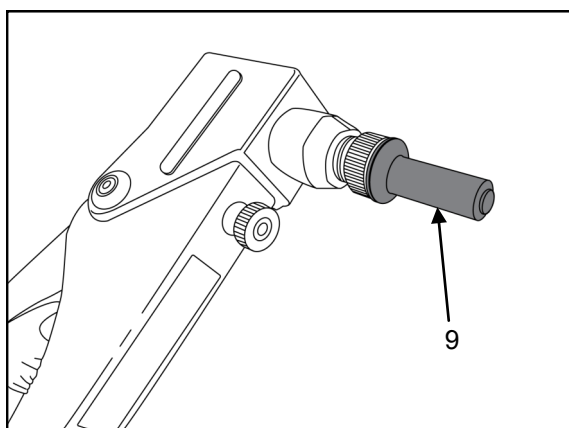
41. Centre punch the marked locations.



42. Using a 5mm drill bit with a drill stop set at 5mm, pilot drill the centre punched locations.
43. Using an 11mm drill bit with a drill stop set at 5mm enlarge the holes.
44. Vacuum away any drilling swarf.
45. Apply rust preventative sealer (12) to the raw edges of the drilled holes.



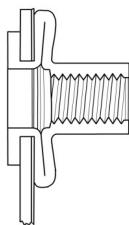
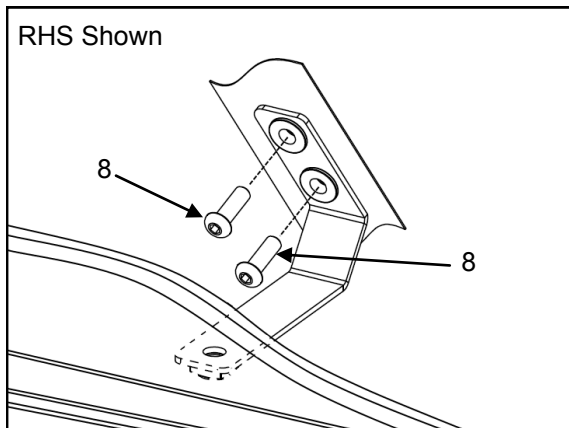
46. Screw a threaded insert (9) onto a suitable threaded insert tool.





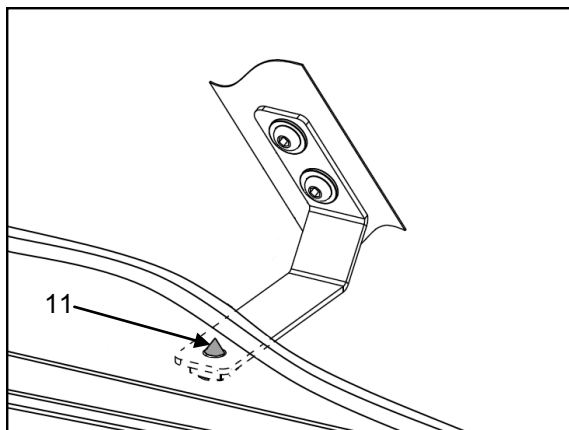
FIX THE UPPER MOUNTING BRACKETS IN PLACE

RHS Shown

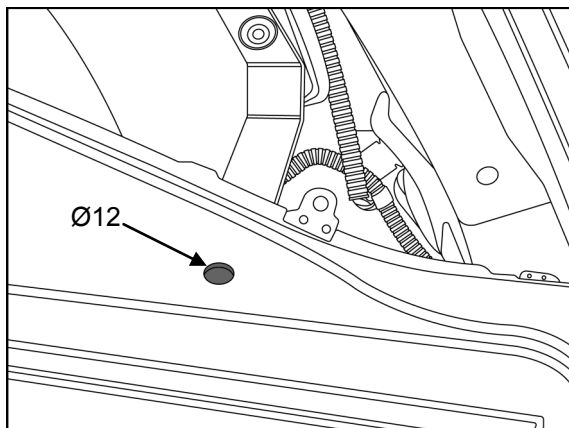


Cross section of threaded insert pulled up

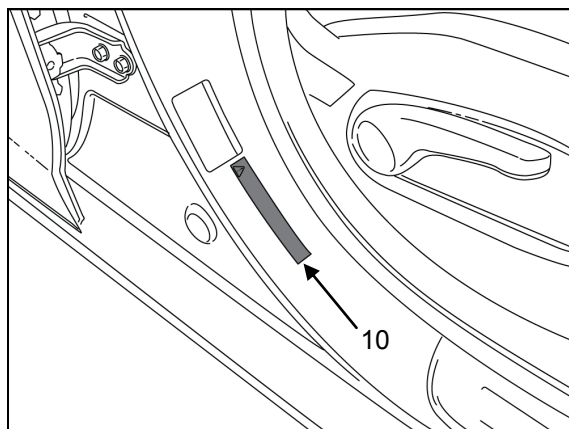
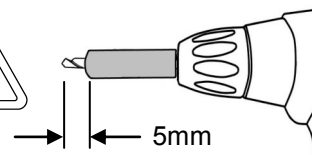
47. Reposition an upper mounting bracket then place the threaded insert through one of the holes.
48. Pull up the insert to secure the bracket in place.
49. Repeat for the other hole.
50. Repeat on the other side.
51. Thread a button head screw (8) into each of the threaded inserts then tighten and torque up to 20Nm.



52. Screw a marking pin (11) into one of the upper bracket threads with just the point protruding.
53. Apply enough pressure to the trim and bracket to make a witness mark in the upper surface of the trim.
54. Remove the marking pin and repeat on the other side.



55. At each of the witness marks in the side trims drill a pilot hole.
56. Using a 12mm drill bit with a drill stop set at 10mm enlarge the plot holes, taking care not to damage the bracket behind.
57. Vacuum away any drilling swarf.
58. Reinstall the rear quarter trims.



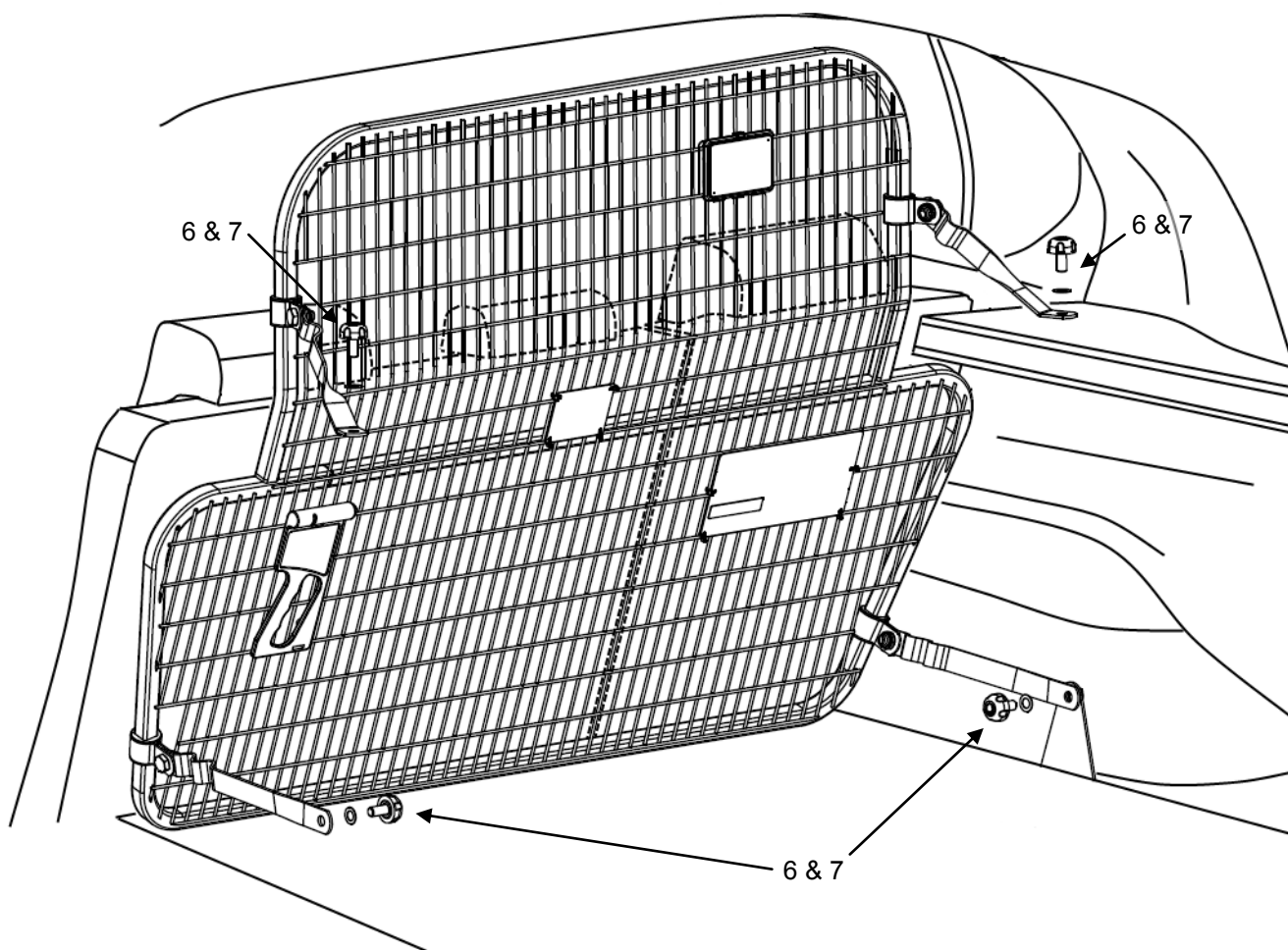
59. Clean the area shown inside the drivers door opening.
60. Affix the orange warning label (10) at that location as shown.

Please ensure the User Instructions are left with vehicle owner after installation.



INSTALLATION OF CARGO BARRIER 'Behind 2nd row of seats'

1. With the tailgate open remove the cargo cover if installed. (Note: The cargo cover cannot be reinstalled with the cargo barrier fitted)
2. Temporarily lay the 2nd row seats down flat.
3. Ensure the cargo barrier straps are pivoted towards the meshed side of the cargo barrier.
4. With the meshed side of the cargo barrier facing the rear, position the cargo barrier in the directly behind 2nd row seats location as shown.
5. Secure the upper straps to the upper mounts using 19mm Milbolts (6) with wave washers (7) under heads.
6. Secure the bottom straps to the bottom mounts using 19mm Milbolts (6) with wave washers (7) under heads.
7. Tighten all Milbolts.
8. Lift up and lock the 2nd row seats in place.
9. If the centre sash seat belt is required, open the cover in the mesh to pass the seat belt through.



IMPORTANT NOTE: Check that all bolts and screws are tight and re check periodically.