



SUBARU XV SUV CARGO BARRIER INSTALLATION INSTRUCTION Part # 705075

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



This cargo barrier is capable of being located in two positions*, behind the 2nd row of seats with the seats in an upright position, and behind the 1st row of seats with the 2nd row of seats in their folded position*. The installation kit contains sufficient components for fitment to the behind 2nd row seats location only. 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 1.5 Hours

*Front position kit P/N 705077 or 705078 (sold separately) is required to be able to locate the Cargo Barrier in the behind 1st row seats position.

"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.

SUBARU XV SUV CARGO BARRIER INSTALLATION INSTRUCTION

Part # 705075

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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)	705075	1
2	Mounting Plate ZP	754000	4
3	Cover Plate ASM	754744	2
4	Cover Plate Garnish (plastic)	754960	2
5	Screw - CSK, 5/16" BSW x 11/4" ZP	912901	8
6	Screw - Hex Head, M10 x 20 ZP	912205	2
7	Milbolt - M10 x 34mm	912835	4
8	Washer - Wave, ZP	932125	4
9	Label - Warning (Orange)	905017	1
10	Tube Spacer - Ø16mm x 12mm ZP	754707	4
11	Marking Pin - M10	906185	2
12	Rust Preventative (sachet)	906300	1
13	Installation Tool	754200	2
14	'Z' Bracket - Bottom LHS	752012	1
15	'Z' Bracket - Bottom RHS	752014	1
16	Marking Template - Roof (card) (not shown)	705084	1
17	Felt Tape	904684	1



2



3



4



5



6



7



8



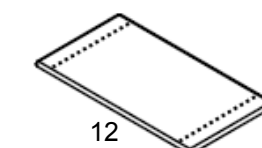
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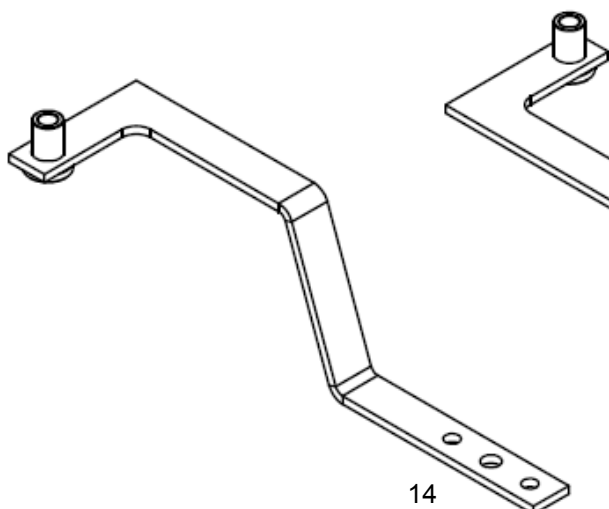
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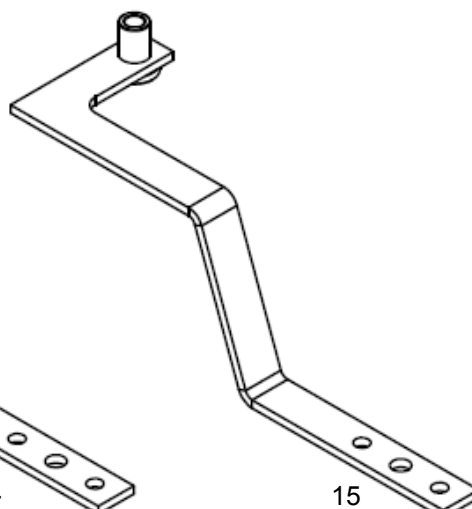
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15



17

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.

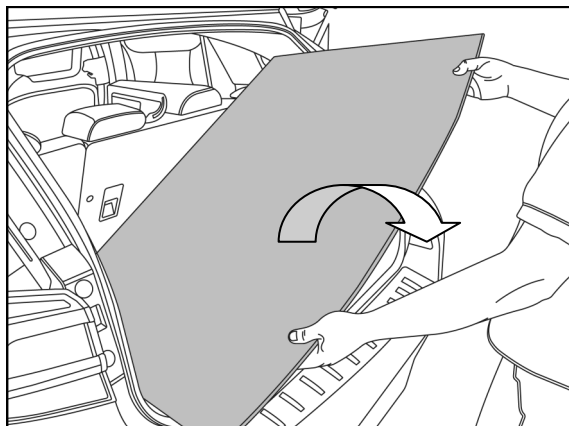
**CARE SHOULD BE TAKEN NOT TO CROSS THREAD THE FASTENERS DURING
 INSTALLATION OF COMPONENTS TO THE VEHICLE.**

TOOLS REQUIRED

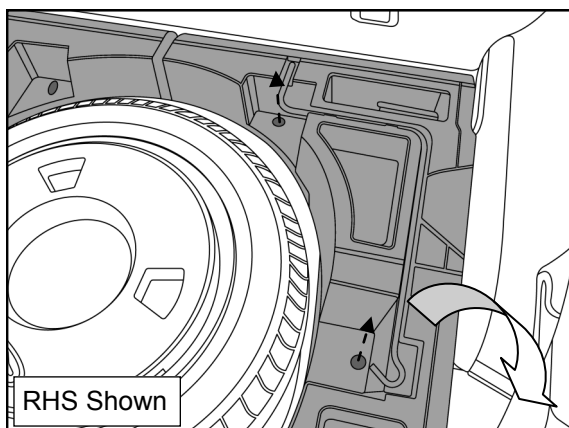
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|-----------------------|---------------------------------|
| • Tape Measure | • Screwdrivers |
| • Steel Rule | • 20mm, 22mm Hole Saw |
| • Socket Wrench | • 16mm, 20mm, 22mm Vinyl Cutter |
| • Metric Hex Sockets | • Hole De-Burring Tool |
| • Trim Removal Tools | • Sharp Knife |
| • Hammer | • Scriber |
| • Power Drill | • #4 Phillips Driver Bit |
| • Masking Tape | • Magnetic Pickup Tool |
| • Marker Pen | • Vacuum Cleaner |
| • Centre Punch | • Cover sheet / Drop sheet |
| • 5mm, 9mm Drill Bits | • Clean Rag |
| • Drill Stop's | |



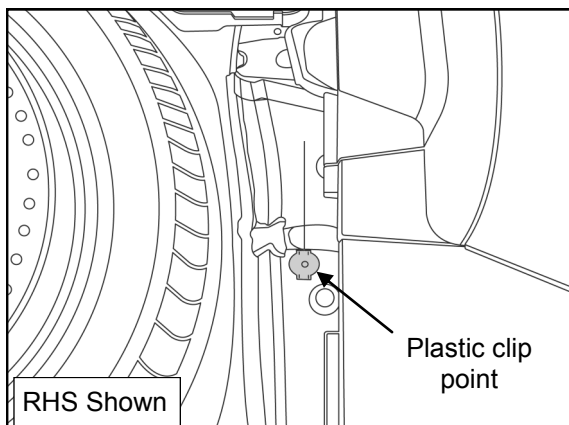
MARKING PROCEDURE FOR FLOOR MOUNTS



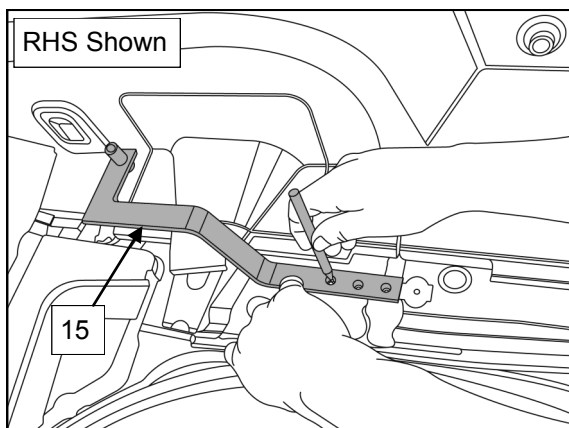
1. With the tailgate open remove the cargo blind and floor covering.



2. Remove the clips securing the styrene inserts in place. Both sides.
3. Remove the styrene inserts.



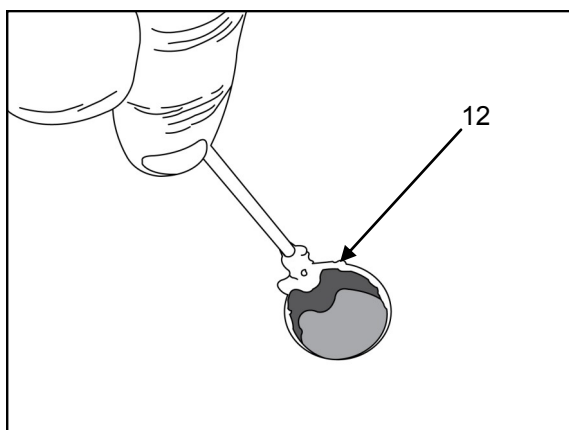
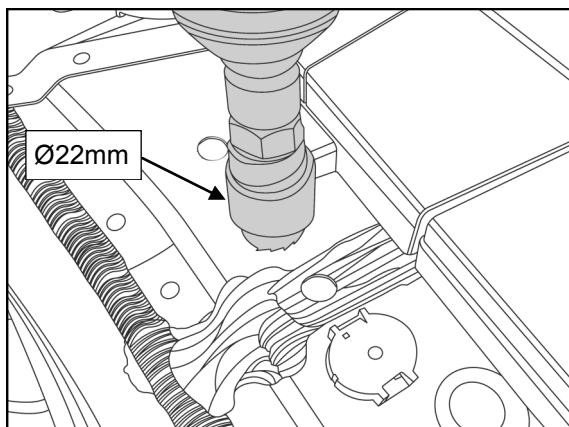
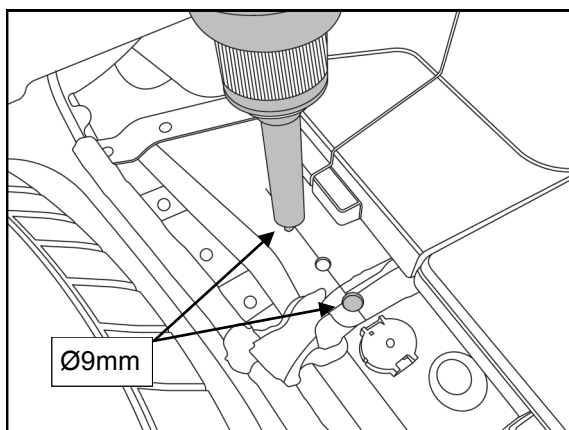
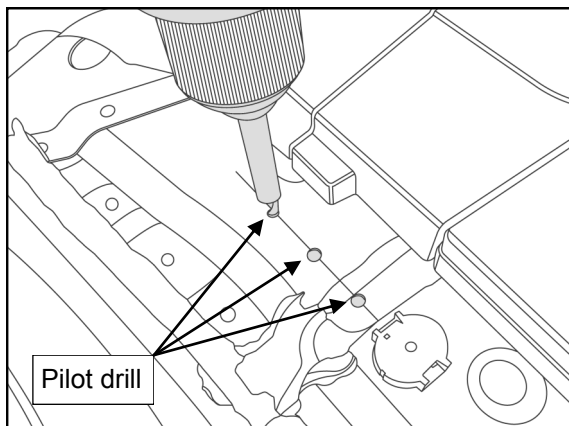
4. On the RHS of the vehicle cargo floor, locate the white plastic clip point to which the styrene insert was attached.
5. On the same centre line as the clip point, mark a line on the metal floor panel parallel to the plastic side trim.
6. Repeat on the LHS.



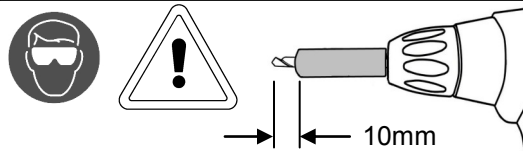
7. Position the RH bottom bracket ASM (15) as shown, with the end butted against the plastic clip point and the mounting holes centred on the marked line from above.
8. With the bracket in position mark the 3 mounting hole positions through the bracket onto the metal floor panel.
9. Repeat on the LHS using LH bottom bracket ASM (14).



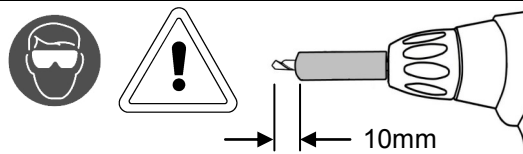
DRILLING PROCEDURE FOR FLOOR MOUNTS



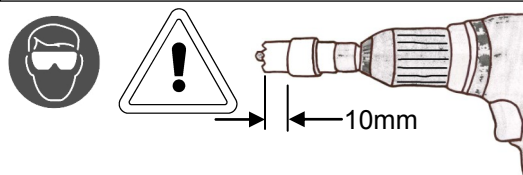
10. Centre punch the marked hole locations. (6 places)
11. Using a 5mm drill bit with a drill stop set at 10mm, pilot drill each of the centre punched locations.



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



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

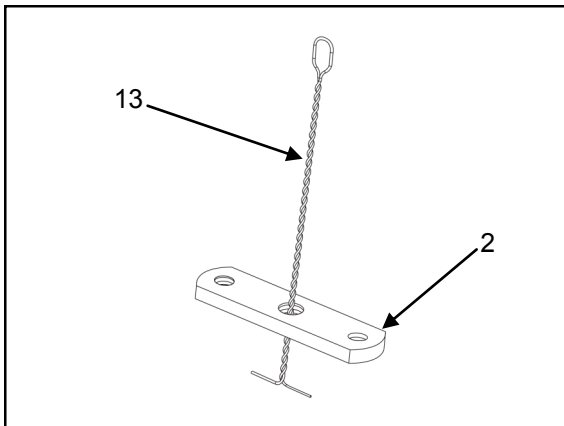


14. Deburr the drilled holes if required.
15. Vacuum away all drilling swarf.
16. Apply rust preventative sealer (12) to the raw edges of the drilled holes using a small screwdriver.

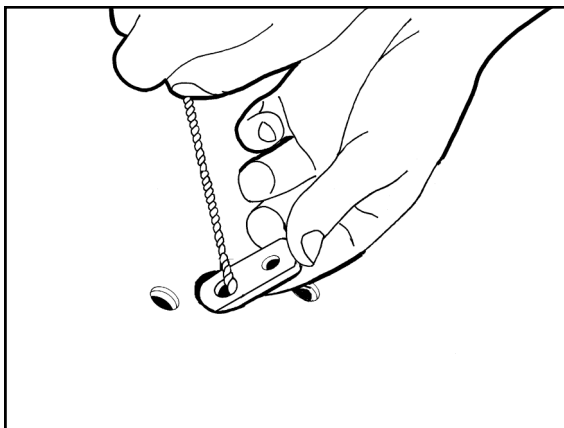




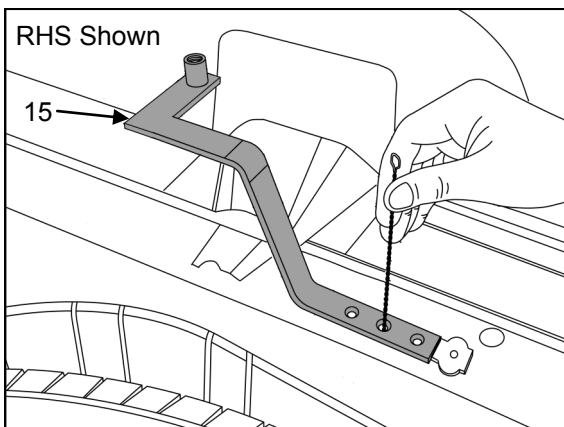
INSTALLATION PROCEDURE FOR BOTTOM MOUNTS



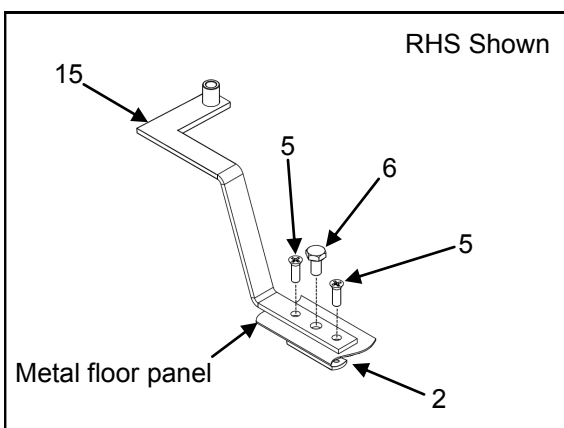
17. Place a mounting plate (2) over an installation tool (13) as shown.



18. Whilst keeping hold of the installation tool, push the mounting plate through a 22mm hole in the floor panel on the RHS.
19. Position the mounting plate behind the floor panel with the outer holes aligned with the drilled holes in the floor panel.



20. Taking care not to let go of the installation tool, place the RHS 'Z' bracket (15) centre hole over the installation tool with the bracket pointing forwards and outwards as shown.

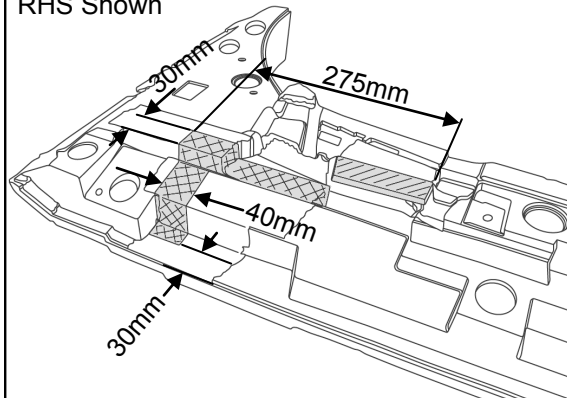


21. Secure the 'Z' bracket to the mounting plate using the countersunk screws (5) through the outer holes.
22. Once secured remove the installation tool by pulling upwards.
23. Place a hex head screw (6) in the centre hole.
24. With the bracket sitting parallel to the side trim tighten all screws.
25. Reset the ends of the installation tool then repeat the above procedure on the LHS side using LH 'Z' bracket (14).

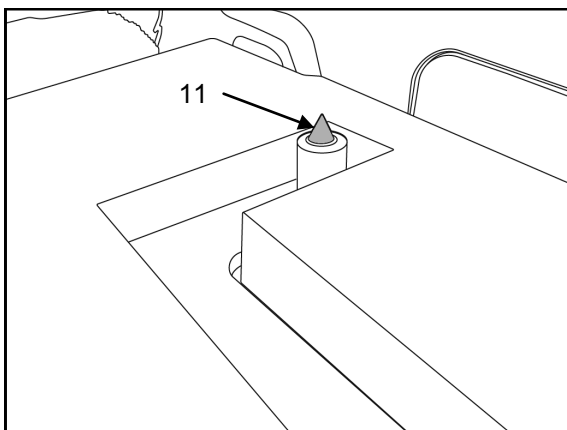
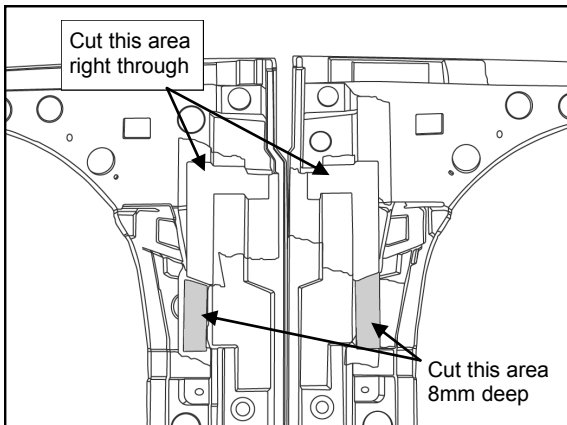
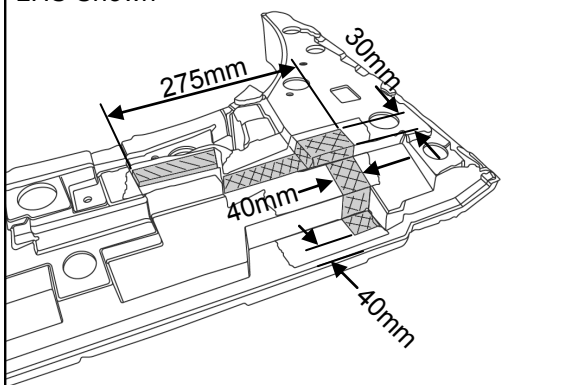


MARK OUT AND CUT THE FOAM FLOOR INSERTS

RHS Shown



LHS Shown



26. Affix masking tape to the bottom faces of the foam floor inserts as shown.
27. Mark out the area to be removed as shown. Both sides.

28. Using a sharp knife carefully cut away the marked out area.
29. Remove the masking tape.
30. Reinstall the foam floor inserts over the top of the floor brackets.
31. Secure in place using fasteners removed earlier.

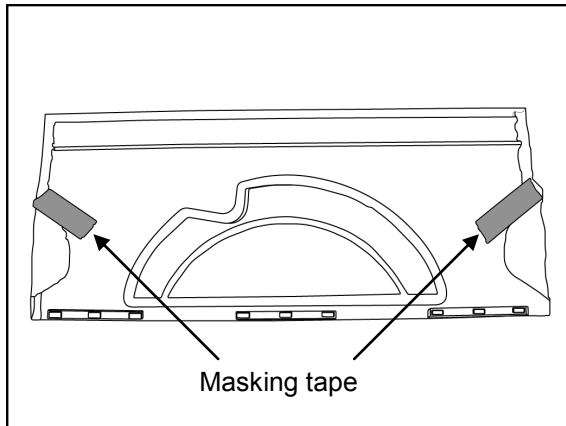
32. Screw the marking pins (11) into the 'Z' bracket threads with just the points protruding.

SUBARU XV SUV CARGO BARRIER INSTALLATION INSTRUCTION Part # 705075

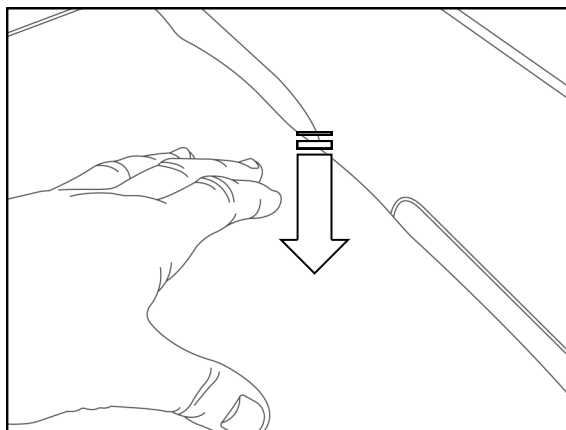
VEHICLE YEARS OF MANUFACTURE - From May 2017 Production
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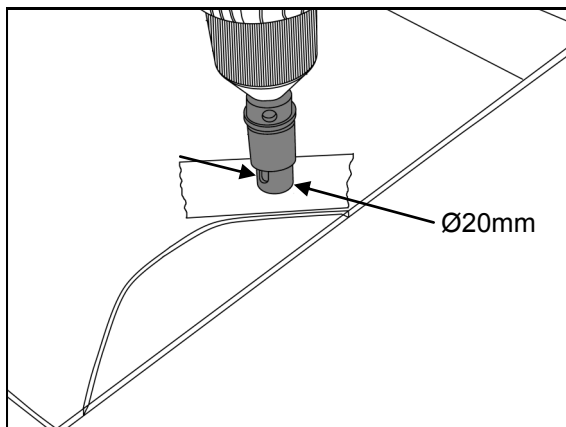
MARK AND CUT CLEARANCE HOLES IN FLOOR PANEL



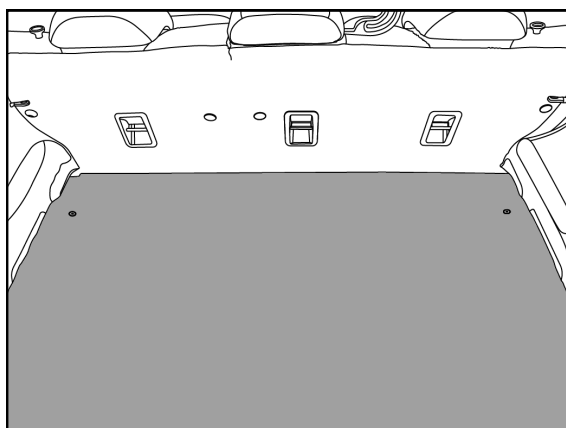
33. On the backside edges of the removable floor panel, in the approximate location where the Z bracket threads will land, affix masking tape.



34. Carefully reposition the floor panel in the vehicle taking care not to move it around on the marking pins.
35. With the floor panel in the correct position, apply light pressure to the top of the panel to mark the underside.
36. Remove the floor panel from the vehicle.



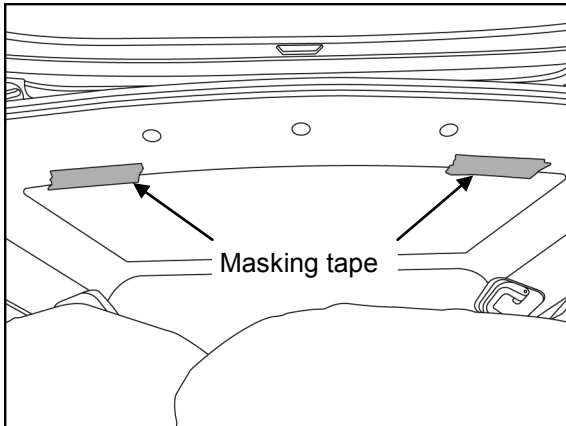
37. At the two marked locations from above drill a 5mm pilot hole.
38. Using a 20mm vinyl cutter cut through the carpet layer on both sides of the floor panel, at the pilot hole locations.
39. Using a 20mm hole saw enlarge the pilot holes through the floor panel.



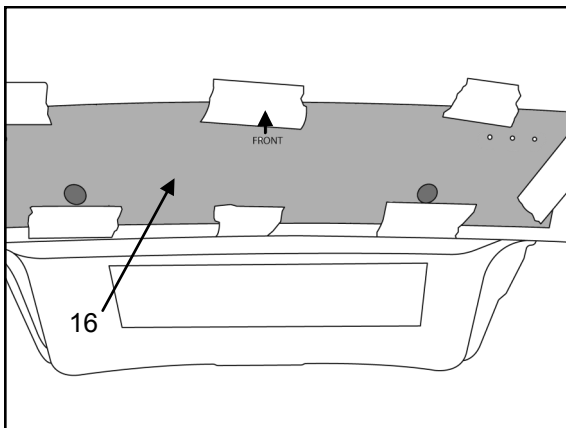
40. Vacuum away any drilling swarf.
41. Reinstall the floor panel in the vehicle over the top of the 'Z' brackets.



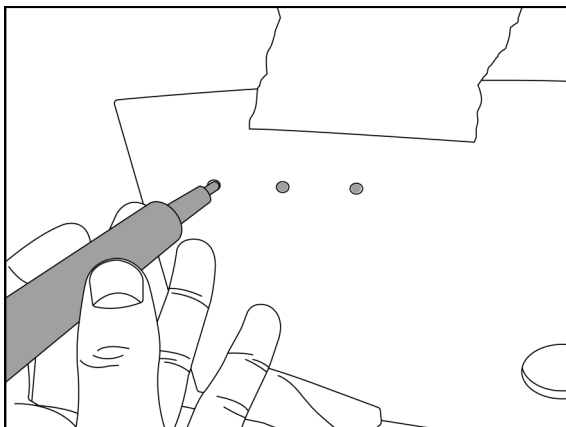
MARKING PROCEDURE FOR UPPER MOUNTS



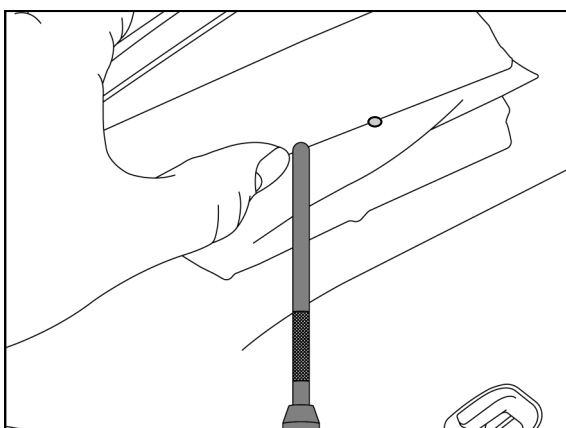
42. Place a cover sheet over the cargo area floor to protect floor and trims.
43. Affix masking tape to the roof lining just forward of the tailgate opening, in the approximate locations shown.



44. Position the upper mount marking template (16) on the roof lining as shown, with the large round holes in the template aligned with the 2 rearmost outer trim plugs.
45. Tape the template in position.



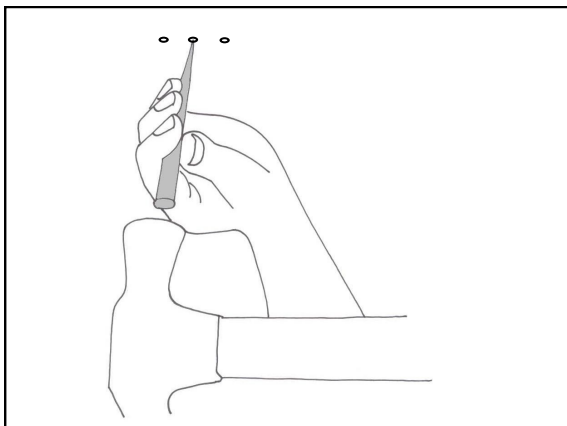
46. Using a marker pen, mark through the template as indicated, at the 6 mounting hole locations.
47. Remove the marking template.



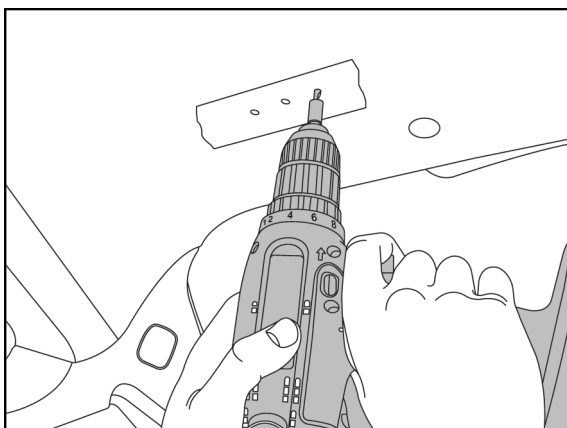
48. Using a scribe or similar sharp pointed tool, pierce through the roof lining at each of the marked hole locations.



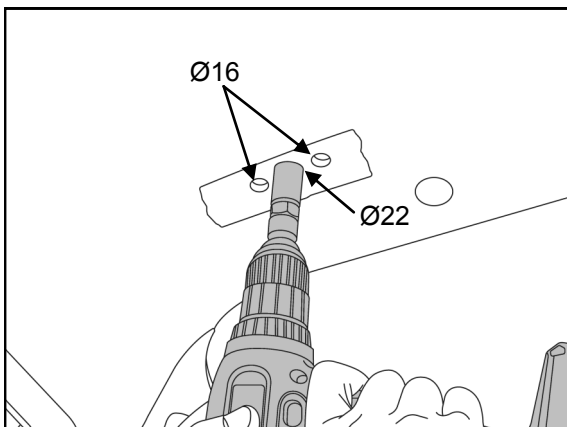
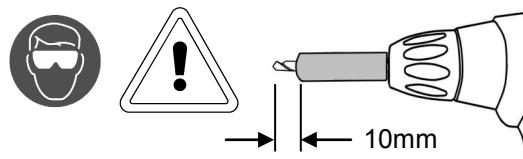
DRILLING PROCEDURE FOR UPPER MOUNTS



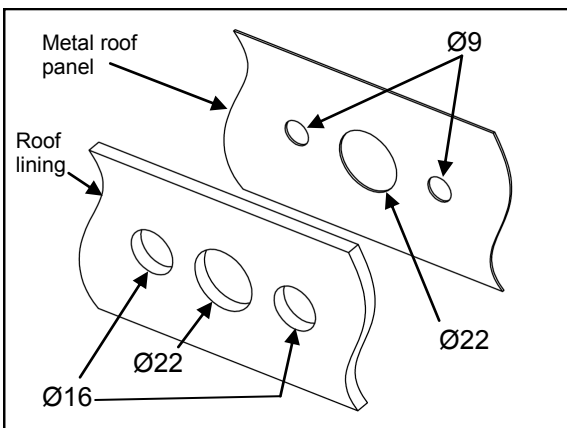
49. Taking care to keep the centre punch perpendicular to the trim surface, centre punch the metal panel approximately 12mm behind the roof lining, at each of the pierced locations.



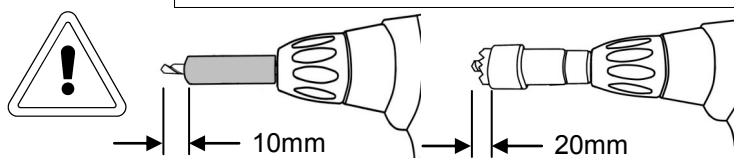
50. Using a 5mm drill bit with a drill stop set at 20mm, pilot drill each of the centre punched locations.



51. Using a 16mm vinyl cutter cut a hole in the roof lining at each of the outer holes only. (4 places)
 52. Using a 22mm vinyl cutter cut a hole in the roof lining at each of the centre holes only. (2 places)



53. Using a 9mm drill bit with a drill stop set at 10mm, enlarge the outer holes only through the metal panel. (4 places)
 54. Using a 22mm hole saw with a drill stop set at 20mm, enlarge the centre holes only through the metal panel. (2 places)

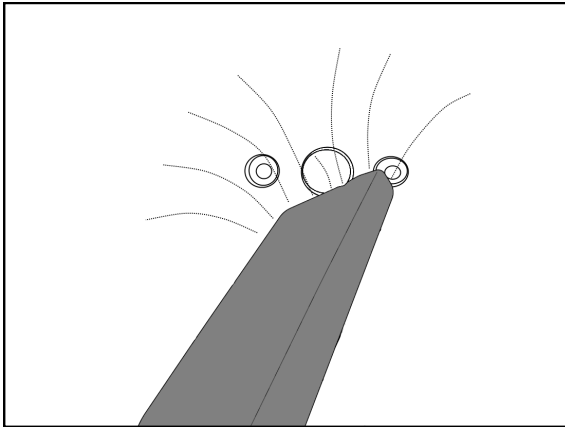


SUBARU XV SUV CARGO BARRIER INSTALLATION INSTRUCTION Part # 705075

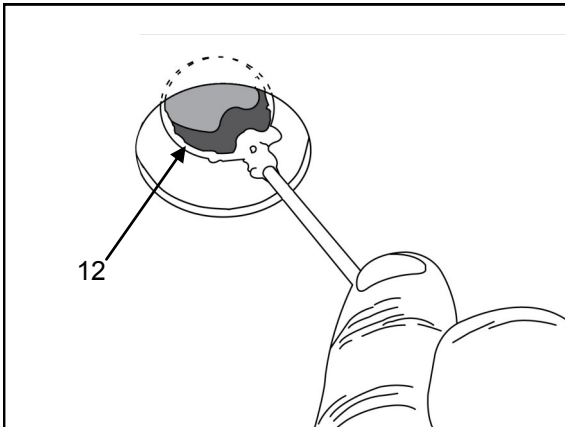
VEHICLE YEARS OF MANUFACTURE - From May 2017 Production
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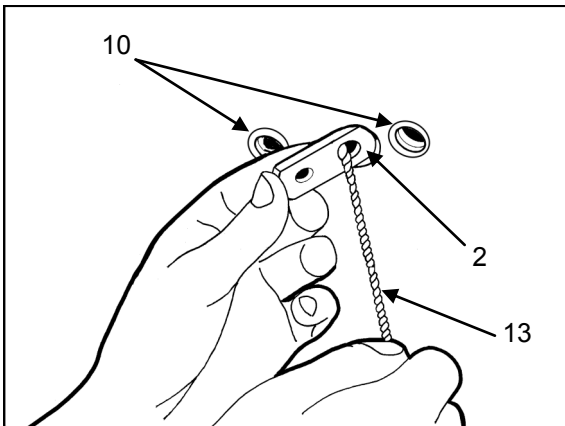
INSTALLATION PROCEDURE FOR UPPER MOUNTS



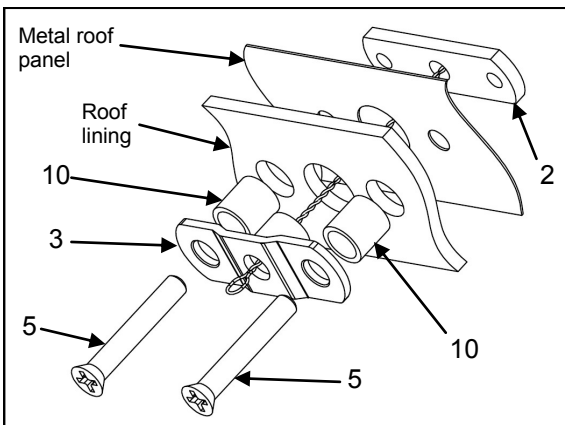
55. Vacuum away all drilling swarf.



56. Apply rust preventative sealer (12) to the raw edges of the drilled holes.
57. Remove the masking tape.



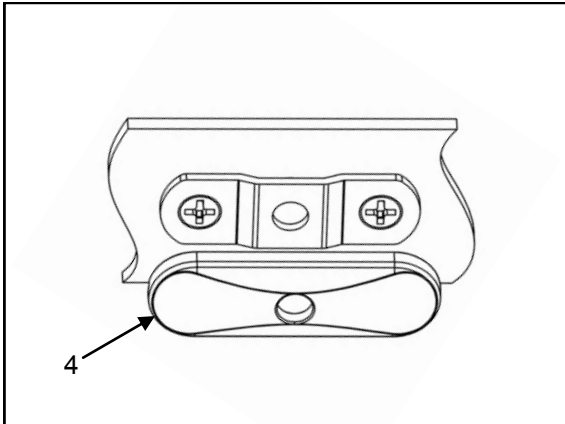
58. Push the tube spacers (11) into the roof lining at each of the outer mounting holes, until they sit flush with the trim face. (4 places)
59. Place a mounting plate (2) over an installation tool (13) as shown.
60. Whilst keeping hold of the installation tool push the mounting plate through the 22mm centre hole, then locate on the backside of the metal panel with the outer holes aligned with the drilled holes.



61. Place a cover plate ASM (4) over the installation tool as shown then with the outer holes aligned secure the assembly in place using CSK screws (5).
62. Remove the installation tool by pulling firmly downwards.
63. Temporarily screw a Milbolt (7) into the centre mounting plate hole then fully tighten the CSK screws.
64. Repeat the above steps on the other side.

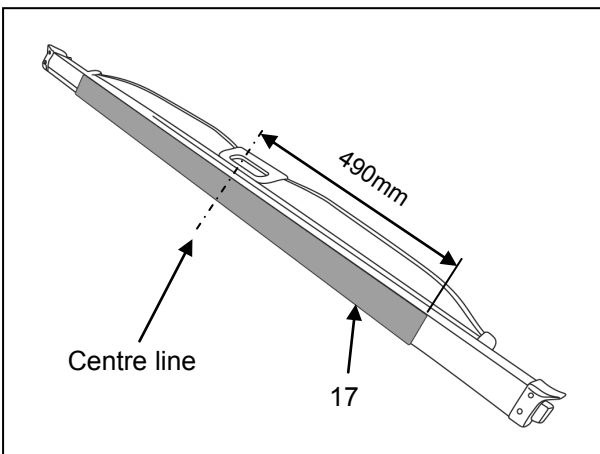


INSTALLATION PROCEDURE FOR UPPER MOUNTS - Cont'd



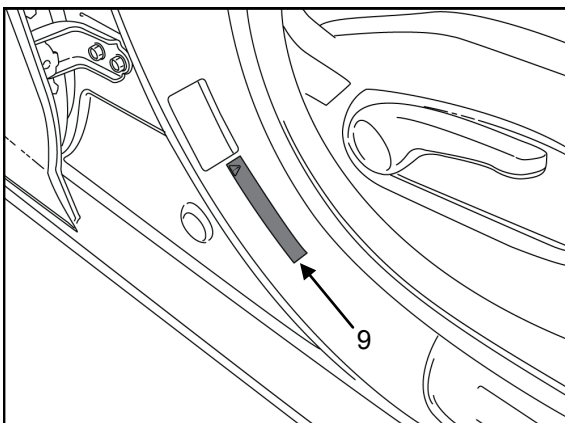
65. Clip the plastic cover plate garnishes (4) onto cover plates to conceal the metal cover plate & screws.

AFFIX FELT TAPE TO CARGO BLIND



66. On the forward face of the cargo blind, measure and locate the centre.
67. From the centre measure towards one end 490mm and mark this position.
68. Ensure the forward face of the cargo blind is clean and free of grease and wax.
69. Affix the adhesive backed felt (17) to the forward face of the cargo blind, starting at the marked position from above.

AFFIXING OF WARNING LABEL



70. Clean the area shown inside the drivers door opening.
71. Affix the orange warning label (9) at that location as shown.

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

SUBARU XV SUV CARGO BARRIER INSTALLATION INSTRUCTION

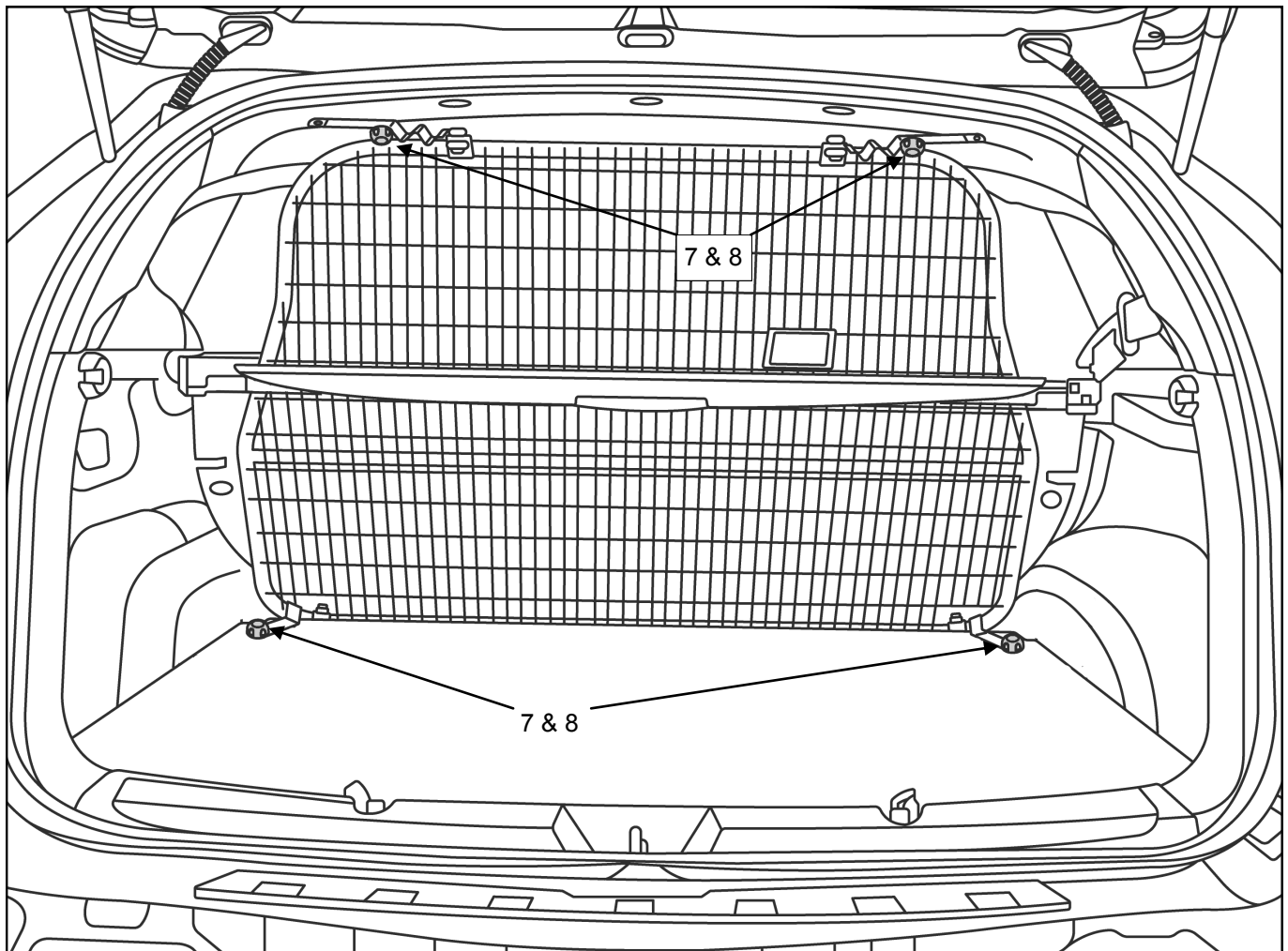
Part # 705075

VEHICLE YEARS OF MANUFACTURE - From May 2017 Production
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INSTALLATION OF CARGO BARRIER 'Behind 2nd row of seats'

1. With the tailgate open remove the cargo blind if installed.
2. Ensure the cargo barrier straps are pivoted towards the meshed side of the cargo barrier.
3. With the meshed side of the cargo barrier facing the rear, position the cargo barrier directly behind the 2nd row seats as shown.
4. Secure the top straps to the upper mounts using 34mm Milbolts (7) with wave washers (8) under heads and using the strap holes nearest the cargo barrier.
5. Secure the bottom straps to the bottom mounts using 34mm Milbolts (8) with wave washers (9) under heads.
6. Tighten all Milbolts.
7. Replace the cargo blind if required.
8. 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.