



MITSUBISHI PAJERO SPORT 5 SEAT CARGO BARRIER INSTALLATION INSTRUCTION Part # 306400

VEHICLE YEARS OF MANUFACTURE - OCT. 2015 ONWARD (Dec. Release)

(Note: Not suitable for 7 seat models)



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 2nd row of seats in their folded/tumbled position.* The installation kit contains sufficient components for fitment to the behind 2nd row seats position 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.

**Front position kit P/N 306402 (sold separately) is required to be able to install this cargo barrier in the forward position.*

Installation time approximately 1.5 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.



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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 (see page 11)	306400	1
2	Mounting Plate ZP	754000	2
3	Cover Plate - Powder coated	754235	2
4	Mounting Plate Seal (rubber)	904020	2
5	Tube Spacer - 22mm ZP	754729	6
6	CSK Screw - 5/16" x 2"	912904	4
7	Screw – Button Head - M10 x 1.5 x 45mm	912518	2
8	Socket Head Cap Screw - M5 x 20mm ZP	711436	4
9	Flat Washer - 5mm ZP	932190	4
10	Flat Washer - 6mm x 18mmOD SS	932295	8
11	Milbolt - M10 x 1.5 x 19mm	912820	4
12	Wave Washer - 10mm	932125	4
13	Bracket ASM - Floor	756872	2
14	Upper Mounting Bracket ASM	754538	2
15	Warning Label (Orange)	905017	1
16	Rust Preventative Sealer (Sachet)	906300	1
17	Installation Tool	754200	2



2



3



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6



7



8



9



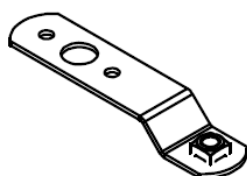
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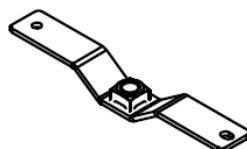
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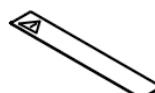
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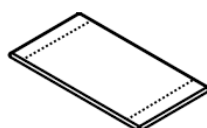
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14



15



16



17

Note: Items 13 to 17 shown at reduced scale

E and OE—Errors and Omissions Excepted

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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.**

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

TOOLS REQUIRED

- | | |
|--------------------------|--------------------------------|
| • Tape Measure | • 16mm/22mm Vinyl Cutter |
| • Steel Rule | • Socket Wrench |
| • Screwdrivers | • Trim Removal Tools |
| • #4 Phillips Driver Bit | • Hole De-Burring Tool |
| • Power Drill | • Hex bits & Driver |
| • Masking Tape | • Rust Preventative Applicator |
| • Marker Pen | • Vacuum Cleaner |
| • 5mm, 9mm, Drill Bits | • Torque Wrench (8Nm) |
| • Drill stop's | • Sharp Knife |
| • 22mm Hole Saw | • Clean Rag |



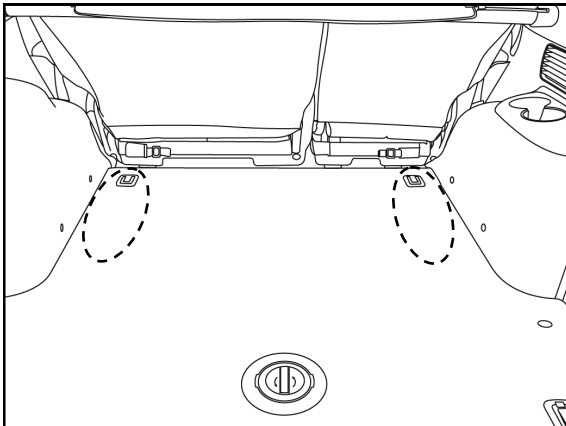
MITSUBISHI PAJERO SPORT 5 SEAT CARGO BARRIER INSTALLATION INSTRUCTION **Part # 306400**

VEHICLE YEARS OF MANUFACTURE - OCT. 2015 ONWARD (Dec. Release)

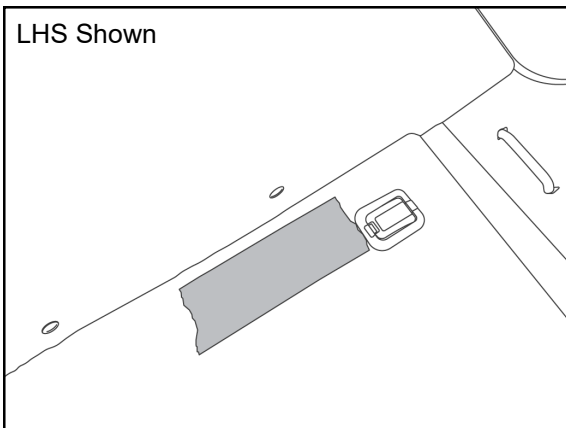
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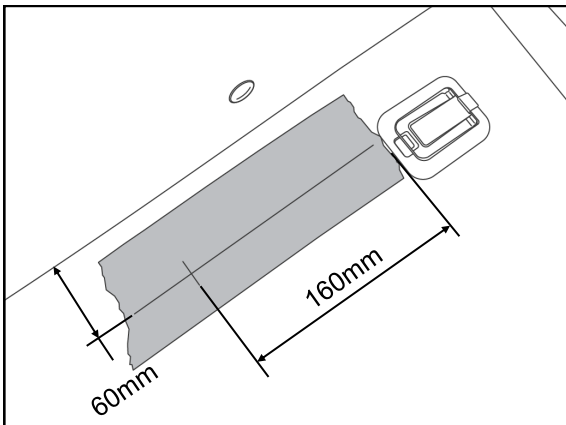
MARKING PROCEDURE FOR FLOOR MOUNTS



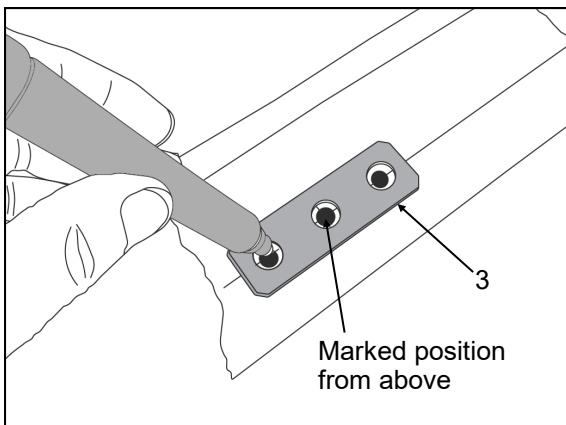
1. Identify the area which you will be working in. Forward end of cargo area.



2. Affix masking tape to the floor covering in the approximate location shown.
3. Repeat on the RHS.



4. From the back edge of the 'D' ring anchor surround measure 160mm towards the rear as shown, then mark this position on the masking tape.
5. From the side trim measure 60mm inboard as shown then mark a line parallel to the side trim along the masking tape. Where the lines intersect, will be the centre hole for the mounting plate.
6. Repeat the above steps on the other side.



7. Using a cover plate (3) as a template position the centre hole over the intersecting lines from above.
8. With the cover plate held parallel to the side trim mark the outer hole positions onto the masking tape.
9. Repeat on the other side.

MITSUBISHI PAJERO SPORT 5 SEAT CARGO BARRIER INSTALLATION INSTRUCTION

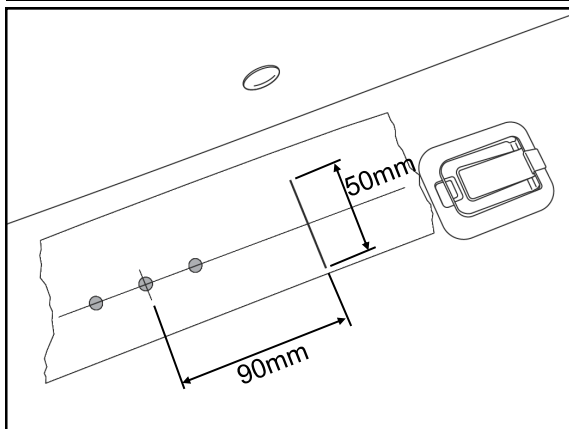
Part # 306400

VEHICLE YEARS OF MANUFACTURE - OCT. 2015 ONWARD (Dec. Release)

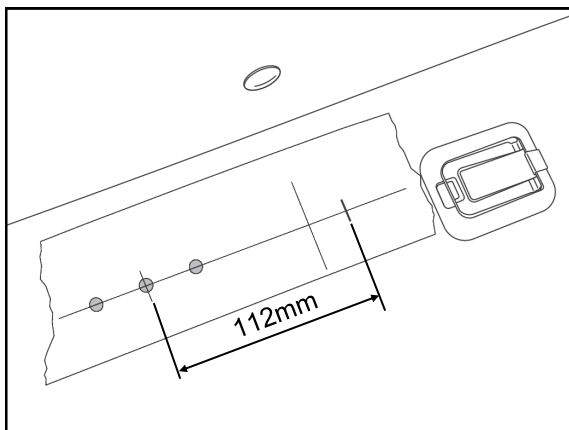
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MARKING PROCEDURE FOR FLOOR MOUNTS - Cont'd

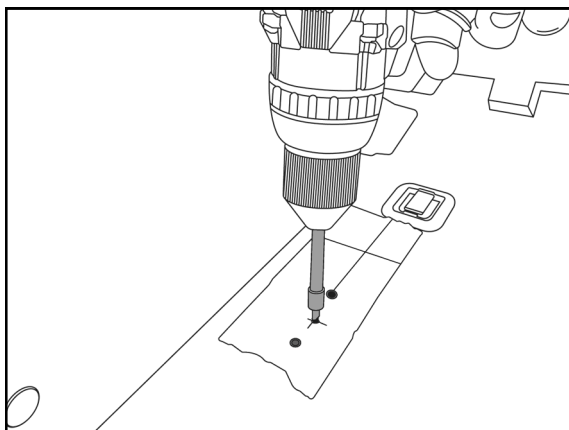


10. From the mounting plate centre hole location measure forward 90mm.
11. Mark a 50mm line on the masking tape perpendicular to side trim & equal about centre line as shown. (This line will be cut along to allow floor bracket to be inserted under the floor covering).



12. From the mounting plate centre hole location measure forward 112mm.
13. Mark this position on the centre line.
14. Repeat steps 10 to 13 on the other side.

DRILLING PROCEDURE FOR FLOOR MOUNTS



15. Using a 5mm drill bit with a drill stop set at 30mm, drill a pilot hole at each of the mounting plate hole positions (3 places each side), through the floor covering, backing foam and metal panel behind.

Note: Ensure the drill bit is held perpendicular to the floor covering when drilling the metal panel.



MITSUBISHI PAJERO SPORT 5 SEAT CARGO BARRIER INSTALLATION INSTRUCTION

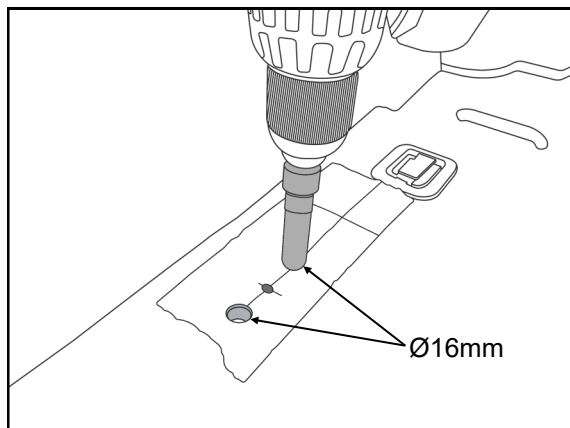
Part # 306400

VEHICLE YEARS OF MANUFACTURE - OCT. 2015 ONWARD (Dec. Release)

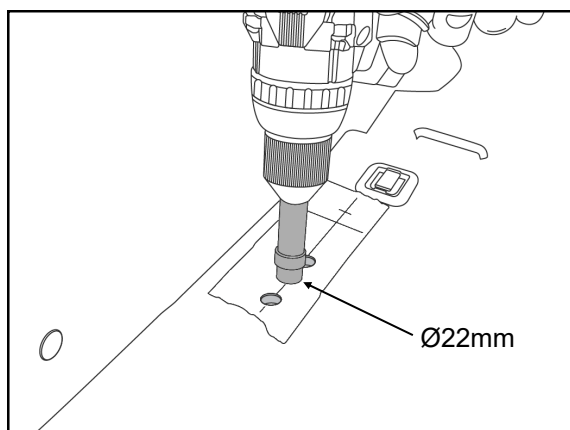
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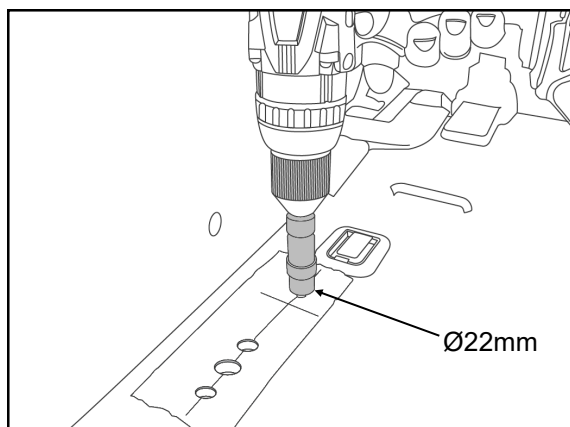
DRILLING PROCEDURE FOR FLOOR MOUNTS - Cont'd



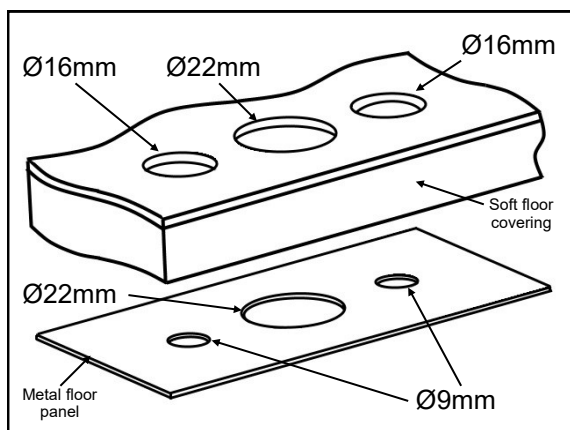
16. Using a 16mm vinyl cutter enlarge the outer mounting plate holes only through the soft floor coverings. (4 places)



17. Using a 22mm vinyl cutter enlarge the centre mounting plate holes only through the soft floor covering. (2 places)



18. Using the 22mm vinyl cutter, cut a hole through the top layer of the floor covering at the forward most marked positions. (2 places) **Take care to not drill into the metal floor panel.**



19. Using a 9mm drill bit with a drill stop set at 10mm enlarge the outer holes in the metal floor panel.
20. Using a 22mm hole saw enlarge the centre holes in the metal floor panel.



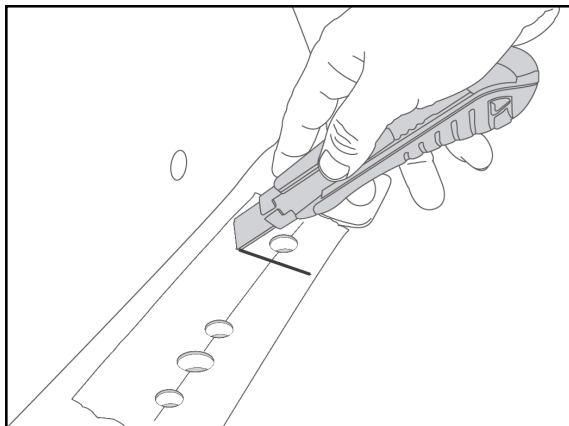
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VEHICLE YEARS OF MANUFACTURE - OCT. 2015 ONWARD (Dec. Release)

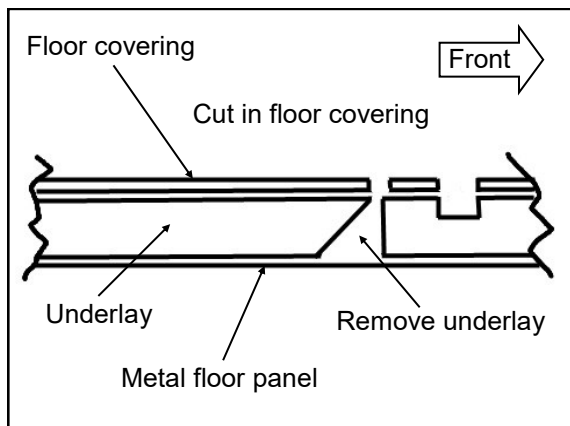
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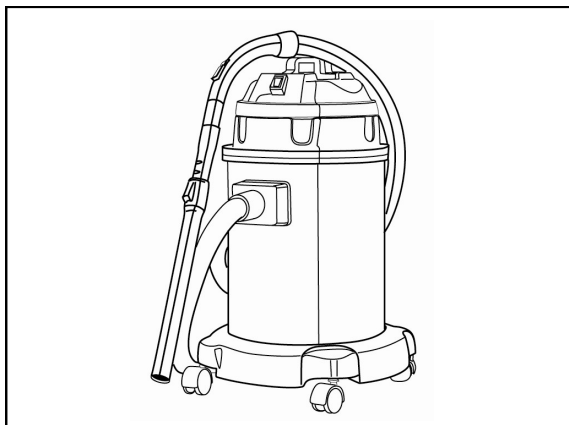
CUT THE FLOOR COVERING TO ALLOW FLOOR BRACKET INSERTION



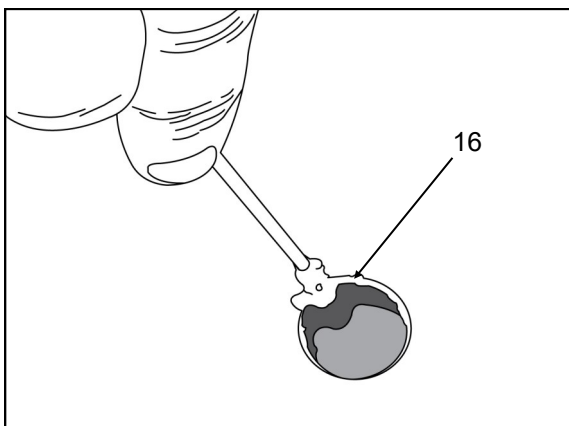
21. Using a sharp knife cut through the floor covering and underlay down to the metal panel along the marked lines from step 11 .



22. With the knife at an angle of 45° towards the back of the vehicle, cut away a wedge of the underlay as shown for the full width of the cuts in floor covering.



23. Remove the masking tape.
24. Vacuum away all drilling swarf.



25. Apply rust preventative sealer (16) to the raw edges of the holes drilled in the metal panel.

MITSUBISHI PAJERO SPORT 5 SEAT CARGO BARRIER INSTALLATION INSTRUCTION

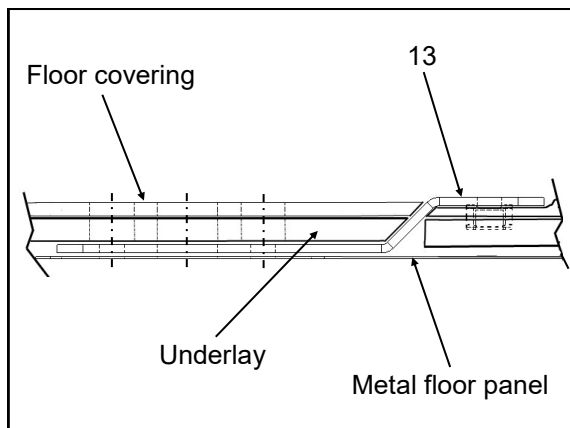
Part # 306400

VEHICLE YEARS OF MANUFACTURE - OCT. 2015 ONWARD (Dec. Release)

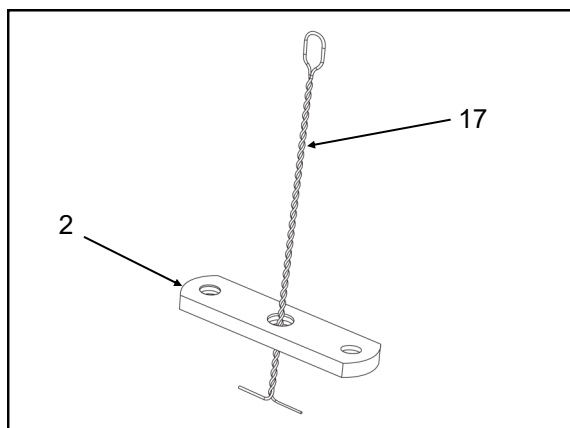
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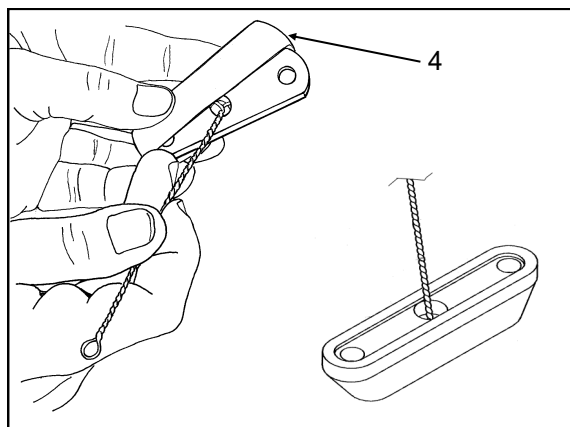
INSTALLATION OF FLOOR MOUNTS



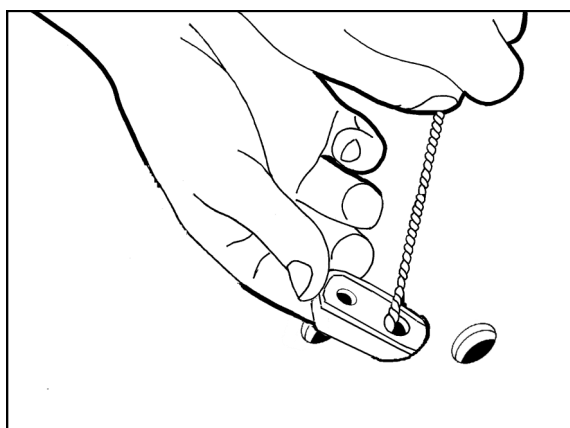
26. Take a floor bracket ASM (13) and insert through the cut in floor covering. Manoeuvre into position between floor covering underlay and metal panel with all holes aligned with those drilled earlier.



27. Insert installation tool (17) through the centre hole in mounting plate (2) as shown.
28. Repeat for the other mounting plate.



29. Fit a rubber mounting plate seal (4) to each of the mounting plates as shown.



30. Whilst keeping hold of installation tool insert the mounting plate ASM through the 22mm hole in floor bracket & panel.
31. Manoeuvre the mounting plate into position on the underside of panel with outer holes aligned with 9mm drilled holes.

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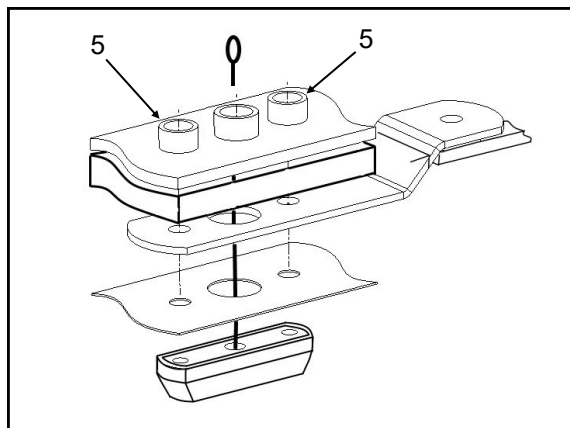
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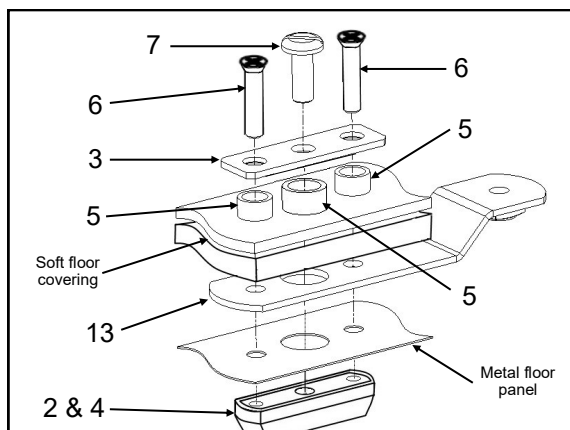
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INSTALLATION OF FLOOR MOUNTS - Cont'd



32. Place 22mm tube spacers (5) into the outer holes in floor covering.



33. Position cover plate (3) centre hole over installation tool & on top of tube spacers, with outer holes aligned.
34. Secure assembly in place using 5/16" CSK screws (6) in the outer holes.
35. Remove installation tool by pulling upwards.
36. Place an M10 pan head screw (7) into centre hole, then tighten all screws.
37. Repeat steps 26 to 36 on the other side.



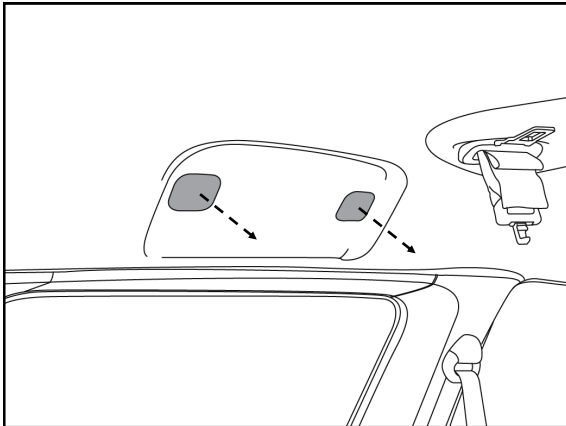
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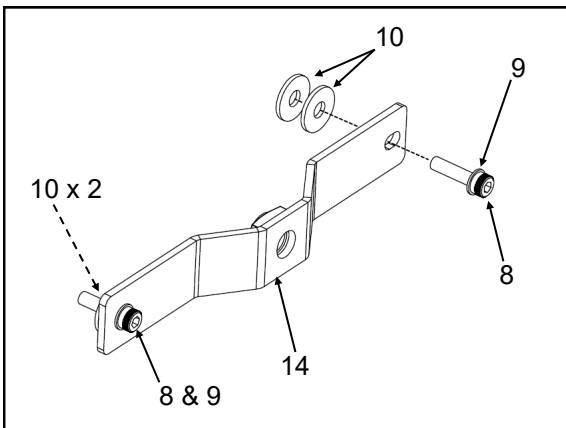
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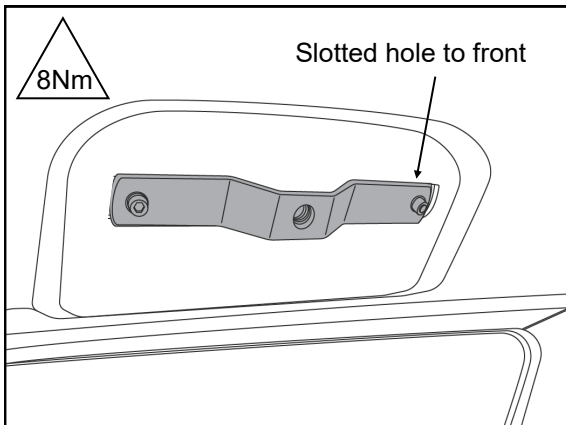
INSTALLATION PROCEDURE FOR UPPER MOUNTS



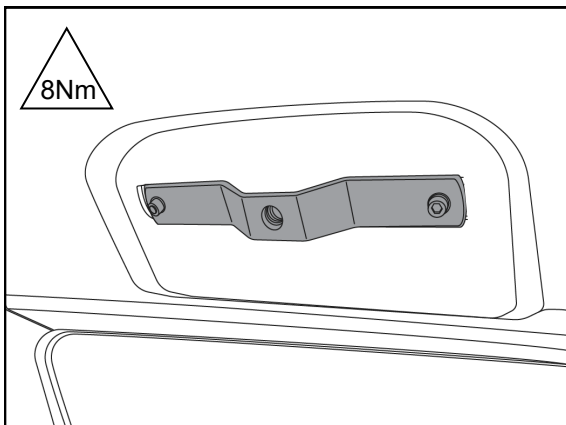
38. In the roof of the cargo area remove the grab handle mounting point covers. (2 each side)
39. Place the mounting point covers in the glove box, in case they are required in the future.



40. Pre assemble one of the upper mounting bracket assemblies as shown.



41. Position a bracket ASM over the captive nuts of the grab handle mounting points on the LHS.
42. Secure the assembly in place then tighten and torque up the screws to 8Nm. (**Do not over tighten**)



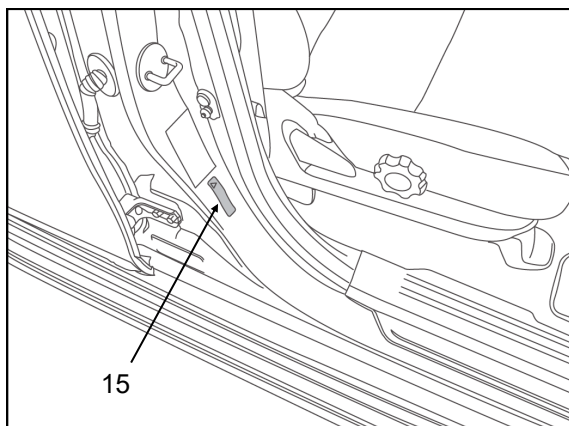
43. Repeat the procedure on the RHS.

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AFFIXING OF WARNING LABEL

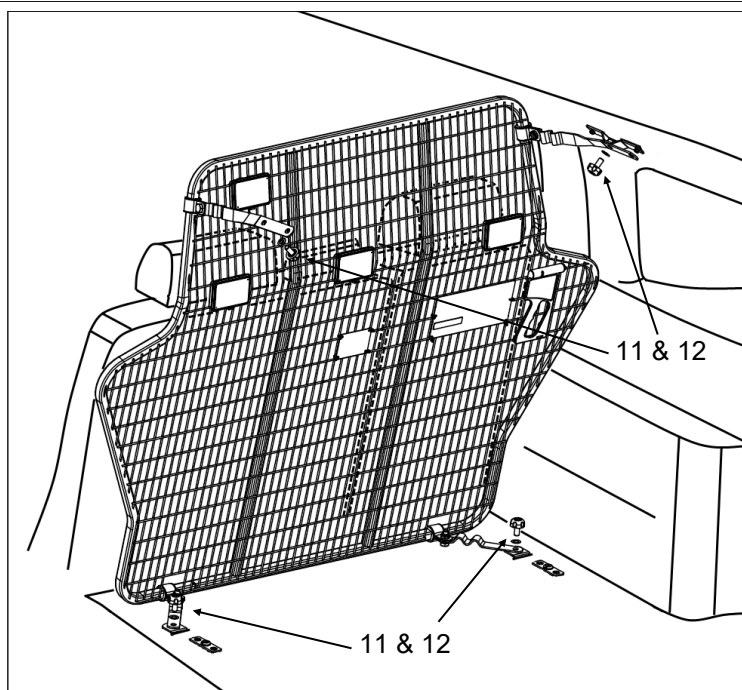


44. On the inside of the drivers door opening clean the approximate location shown.
45. Affix the orange warning label (15) in that location.

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

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

1. Remove the cargo blind if installed.
2. Tumble the 2nd row seats forward to allow manoeuvring space for the cargo barrier installation.
3. Ensure the mounting straps are pivoted towards the meshed side of the cargo barrier.
4. With the meshed side of the cargo barrier to the rear, manoeuvre the cargo barrier into position in the behind 2nd row seats location.
5. Secure the top straps to the roof brackets using a 19mm Milbolt (11) with wave washer (12) under head, through the 2nd strap hole.
6. Secure the bottom straps to the bottom mounts using a 19mm Milbolt (11) with wave washer (12) under head.
7. Tighten all Milbolts.
8. Replace the cargo blind if required.
9. Lift the 2nd row seats back into position.



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