



## **mitsubishi pajero**

# **CARGO BARRIER INSTALLATION INSTRUCTION**

### **Part # 306025 (Sun Roof)**

VEHICLE YEARS OF MANUFACTURE - DEC. 2006 ONWARD  
(NOT SUITABLE FOR FRONT POSITION IN VEHICLES WITH SIDE CURTAIN AIRBAGS)



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 both locations. 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.

**\*Not suitable for front position in vehicles fitted with side curtain airbags.**

**Installation time approximately 1.5 Hours**



## **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.

## **NOTICE TO INSTALLERS & DISTRIBUTORS**

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

# **MITSUBISHI PAJERO CARGO BARRIER INSTALLATION INSTRUCTION Part # 306025 (Sun Roof)**

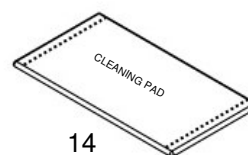
**VEHICLE YEARS OF MANUFACTURE - DEC. 2006 ONWARD  
(NOT SUITABLE FOR FRONT POSITION IN VEHICLES WITH SIDE CURTAIN AIRBAGS)**



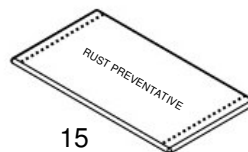
**IMPORTANT:** The installation kit contains sufficient components to fit the cargo barrier. A high degree of technical competence is necessary to correctly install this product. We recommend this cargo barrier be installed by an authorised outlet to ensure the barrier installation is correct. These 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 13)	306075	1
2	Cover Plate	754235	2
3	Cover Plate Assembly	754981	2
4	Mounting Plate—Short ZP	754000	2
5	Mounting Plate—Long ZP	754593	2
6	Wave Washer ZP	932125	4
7	Rubber Washer	904315	4
8	Cover Plate Seal	754647	2
9	Mounting Plate Seal	904020	2
10	5/16" BSW x 1" CSK Screw ZP	912900	8
11	Milbolt M10 x 1.5 x 29mm	912830	2
12	Milbolt M10 x 1.5 x 59mm	913115	2
13	Adhesive Warning Label (Orange)	905016	2
14	Cleaning Pad (Sachet)	906302	1
15	Rust Preventative Sealer (Sachet)	906300	1
16	Installation Tool	754200	2
17	Roof Marking Template (Page 15)	-	1



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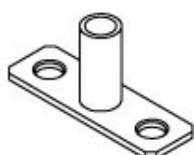
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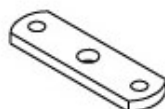
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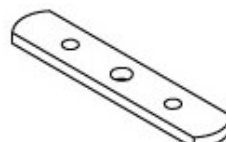
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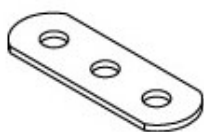
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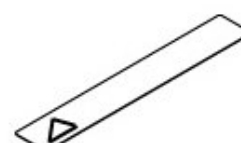
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11



12



13

## MITSUBISHI PAJERO CARGO BARRIER INSTALLATION INSTRUCTION Part # 306025 (Sun Roof)

VEHICLE YEARS OF MANUFACTURE - DEC. 2006 ONWARD  
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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

- |  |   |
|--|---|
| <input type="checkbox"/> Socket wrench                           | <input type="checkbox"/> 5mm, 9mm Drill Bits                          |
| <input type="checkbox"/> Metric hex sockets                      | <input type="checkbox"/> Drill stop's                                 |
| <input type="checkbox"/> Metric spanners                         | <input type="checkbox"/> 20mm, 22mm Hole Saws                         |
| <input type="checkbox"/> Tape Measure                            | <input type="checkbox"/> 16mm Vinyl Cutter                            |
| <input type="checkbox"/> Steel Rule                              | <input type="checkbox"/> Hole De-Burring Tool                         |
| <input type="checkbox"/> Trim removal tools                      | <input type="checkbox"/> Scissors                                     |
| <input type="checkbox"/> Hammer                                  | <input type="checkbox"/> Magnetic Pickup Tool                         |
| <input type="checkbox"/> Screwdrivers—(Item 10 uses #4 Phillips) | <input type="checkbox"/> Rust Preventative Applicator i.e. Cotton Bud |
| <input type="checkbox"/> Power Drill                             | <input type="checkbox"/> Vacuum Cleaner                               |
| <input type="checkbox"/> Masking Tape                            | <input type="checkbox"/> Cover sheet / Drop sheet                     |
| <input type="checkbox"/> Marker Pens                             | <input type="checkbox"/> Sharp Knife                                  |
| <input type="checkbox"/> Centre Punch                            |   |

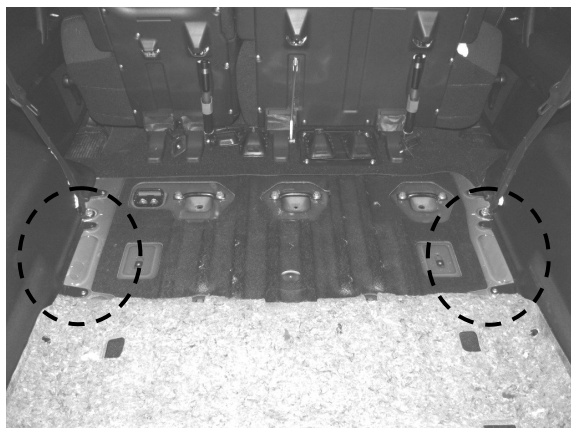
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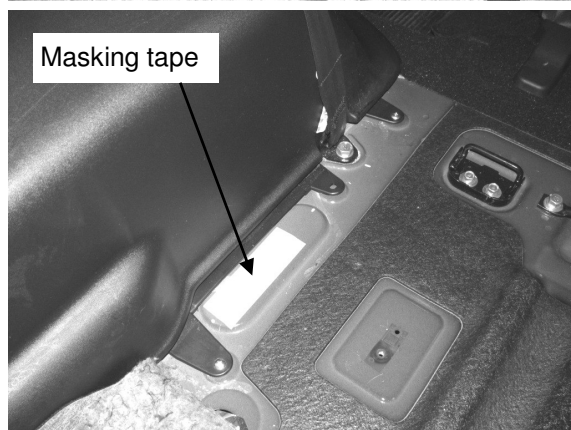
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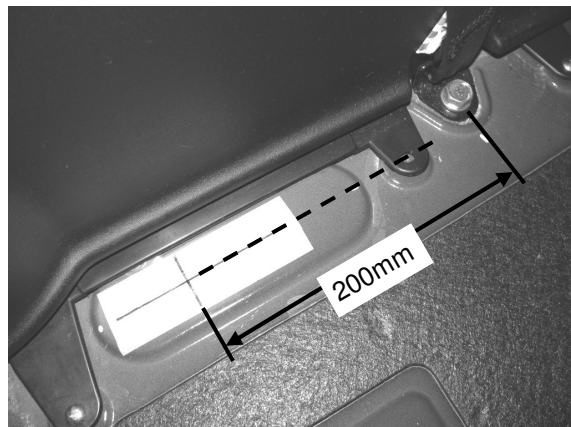
## MARKING PROCEDURE FOR FLOOR MOUNTS



1. Fold 2nd row seats forward as shown in owners handbook.
2. Remove forward cargo area 'D' ring anchors. x2
3. Remove plastic surrounds from around 2nd row seat anchors. x4
4. Pull back cargo area floor covering to expose metal floor under. (Areas circled are approximate cargo barrier mounting point locations)



5. At location shown on passenger side (LHS) apply masking tape to the floor panel.
6. Repeat on drivers side (RHS).



7. From the centre of seat belt retaining bolt (for 2nd row seats) measure rearward 200mm as shown. Mark this location on masking tape.
8. Find the centre of the raised rib in floor panel. Mark this location on the masking tape. Where lines intersect is the M10 centre hole of floor mounting plate (Item 4).
9. Repeat procedure on other side.



10. Using cover plate (Item 2) as a template hold the centre hole over marked location from step 8.
11. With cover plate held parallel to side trims mark the outer holes onto masking tape.
12. Repeat on drivers side.
13. Centre punch the marked locations. 6 places)

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## CARGO BARRIER INSTALLATION INSTRUCTION

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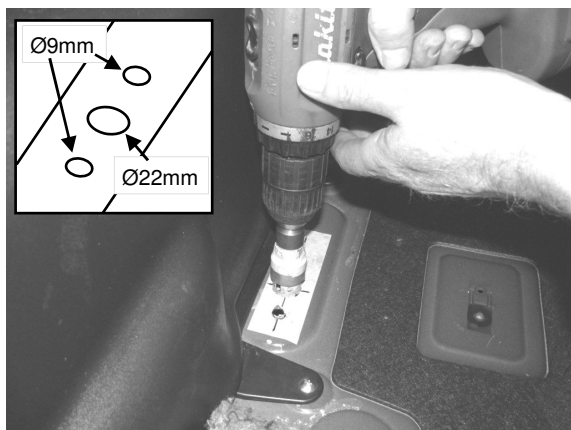
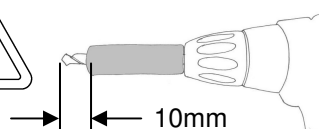
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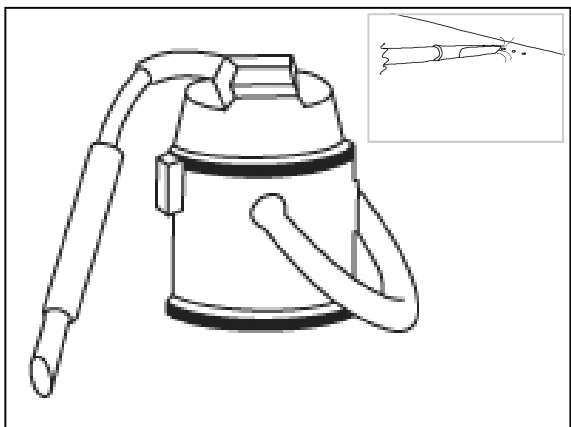
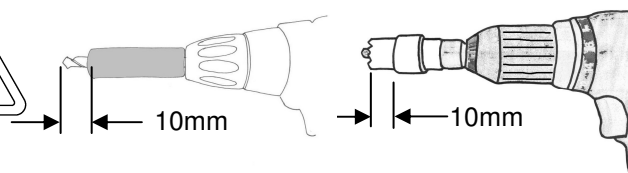
## DRILLING PROCEDURE FOR FLOOR MOUNTS



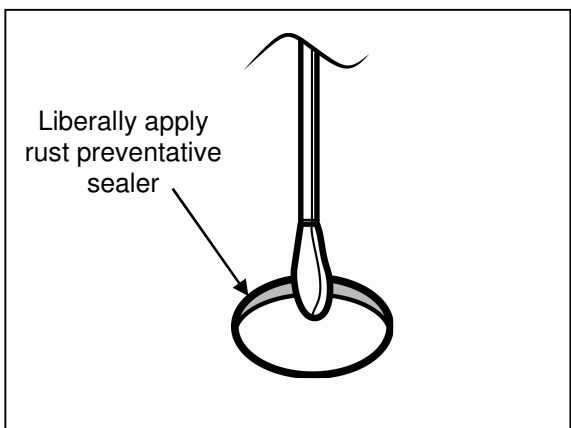
14. Using a Ø5mm drill bit with drill stop set at 10mm pilot drill each of the centre punched locations in floor panel.



15. Using a Ø9mm drill bit with drill stop set at 10mm enlarge the **outer** holes only.
16. Using a Ø22 mm hole saw with drill stop set at 10mm enlarge the **centre** holes only.



17. Remove masking tape.
18. Vacuum away all drilling swarf.



Liberal apply  
rust preventative  
sealer



19. Apply rust preventative sealer (Item 15) to all raw edges of drilled holes in metal panel.

# MITSUBISHI PAJERO

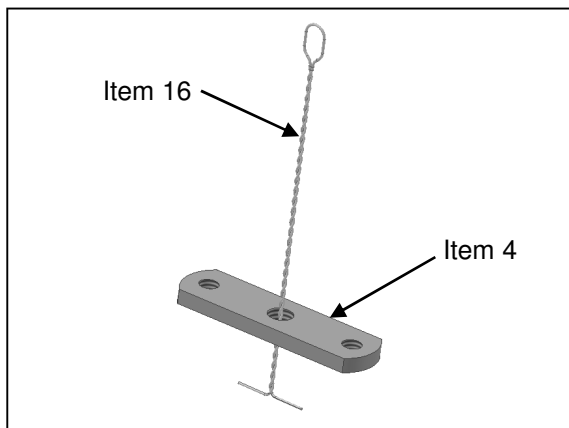
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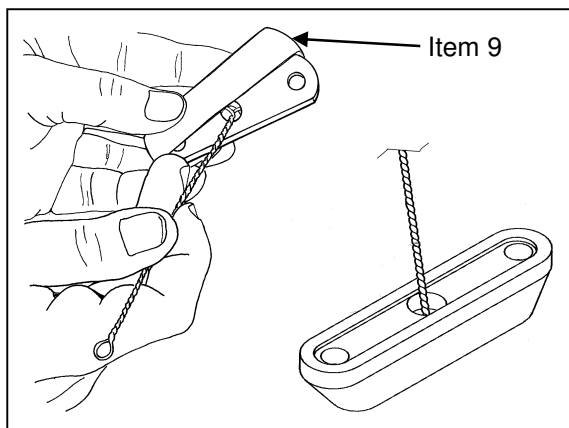
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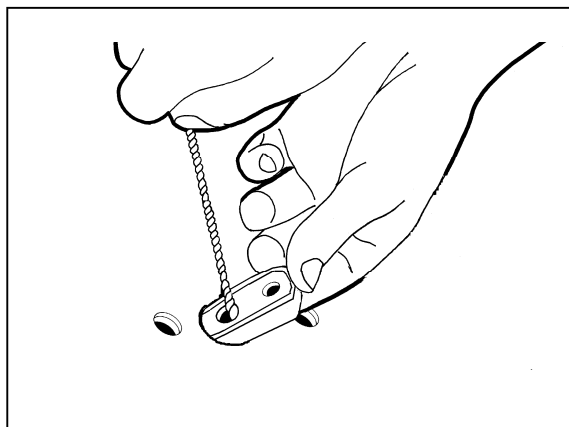
## INSTALLATION PROCEDURE FOR FLOOR MOUNTS



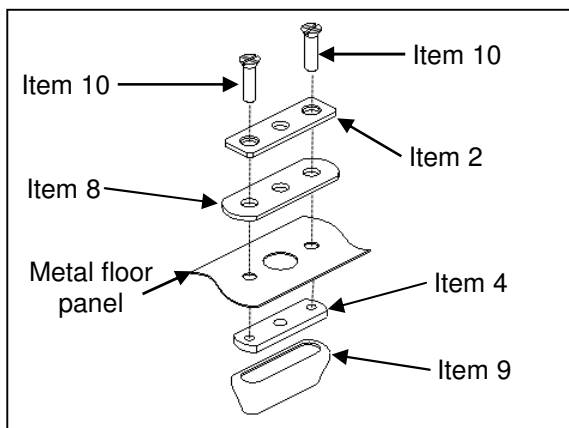
20. Place short mounting plate (Item 4) over installation tool (Item 16) as shown.



21. Fit mounting plate seal (Item 9) to mounting plate as shown.



22. Whilst keeping hold of installation tool push mounting plate & seal ASM through 22mm centre hole in floor panel. Once plate is fully inserted, pull into position on the underside of floor panel with outer holes aligned.



23. Place rubber cover plate seal (Item 8) over installation tool with outer holes aligned.
24. Place metal cover plate (Item 2) over installation tool with outer holes aligned.
25. Secure assembly in place with 5/16" x 1" CSK screws (Item 10) before removing installation tool by pulling upwards.
26. Tighten outer screws.  
*Hint: Thread Milbolt (Item 11) into centre hole before tightening outer screws to ensure correct alignment.*
27. Remove Milbolt.
28. Repeat procedure for other side with installation tool ends reset.

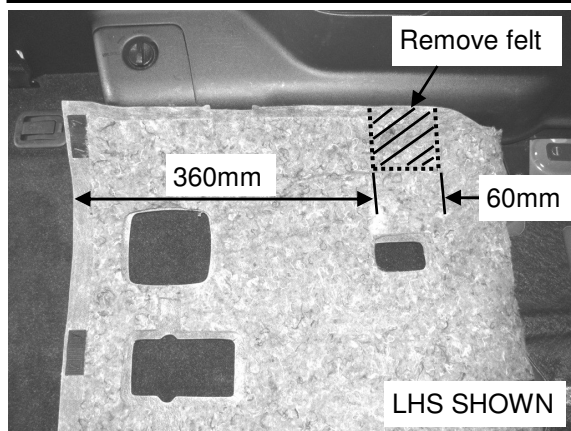
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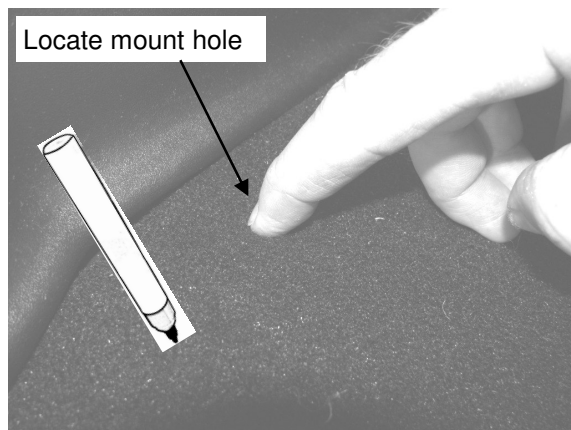
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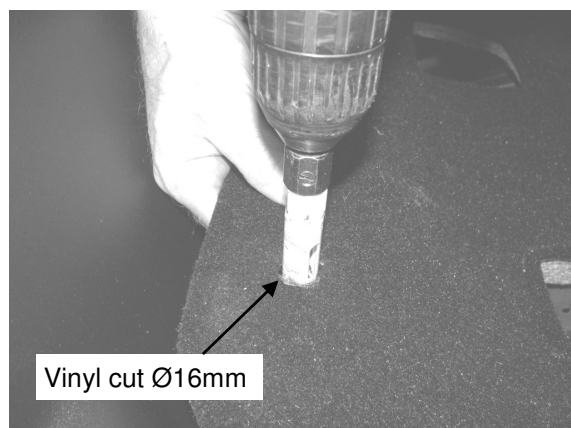
## CUT ACCESS HOLES THROUGH FLOOR COVERING



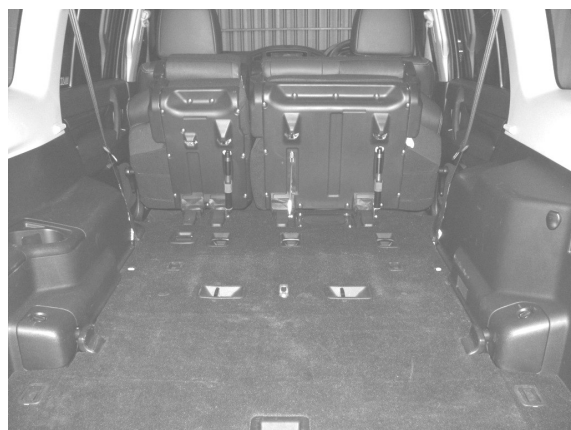
29. At approximate location shown remove the felt on the underside of floor covering.
30. Repeat on other side.
31. Lay floor covering back in its home position.



32. Locate the M10 centre holes of floor mounts, under floor covering. Mark centre point on covering with a white marker.



33. Using a Ø16mm vinyl cutter or wad punch cut through the floor covering at each of the marked locations.



34. Reposition floor covering then re install 'D' ring anchors & plastic seat anchor surrounds.

# MITSUBISHI PAJERO

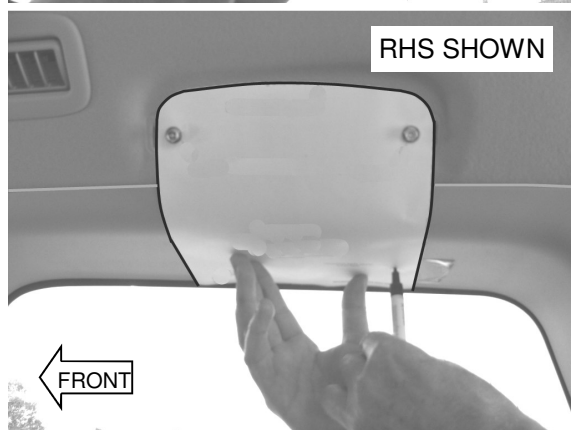
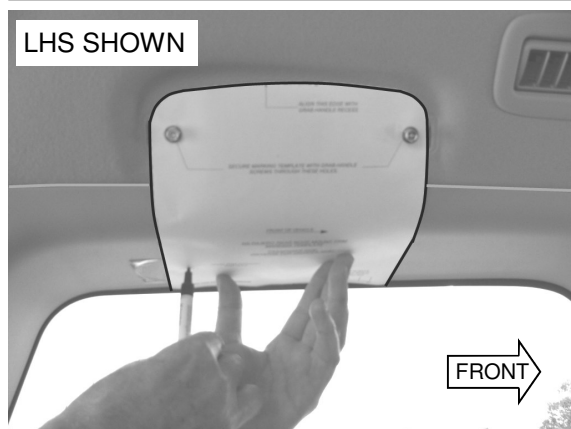
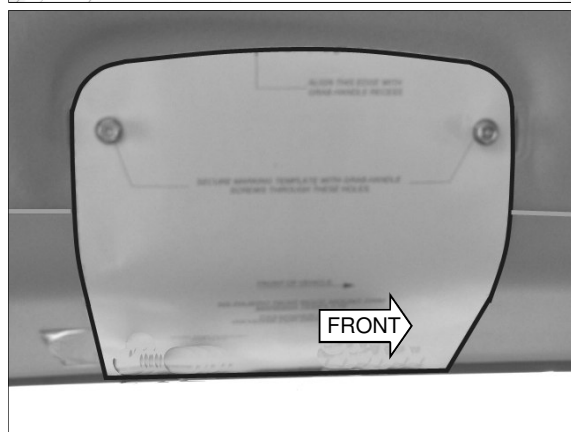
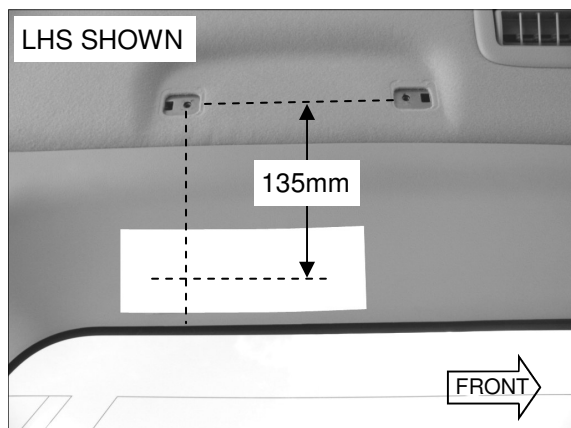
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## MARKING PROCEDURE FOR UPPER MOUNTS



35. Remove grab handles for 3rd row of seats. (over cargo area)
36. At approximate location shown above cargo area side window apply masking tape to the hard plastic trim.
37. Repeat on other side.

38. Cut out paper template provided on page 15.

**Note: Check print scale before using.**

39. Carefully pierce template through marked screw hole centres and mounting plate centre hole location using pen or sharp punch.
40. Position template over grab handle screw holes on passenger side (LHS) as shown then secure in place using grab handle screws.

41. Whilst holding the template tight against the hard plastic trim mark through the template onto trim at indicated location.

42. Repeat procedure on Drivers side (RHS) with the template in reverse. (text to back)





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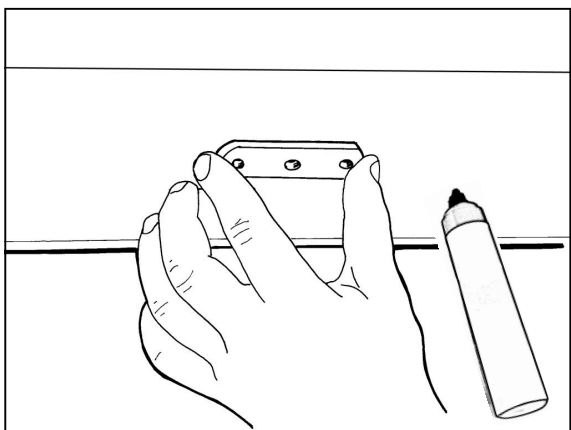
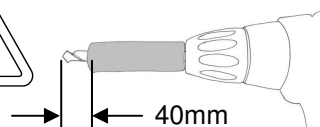
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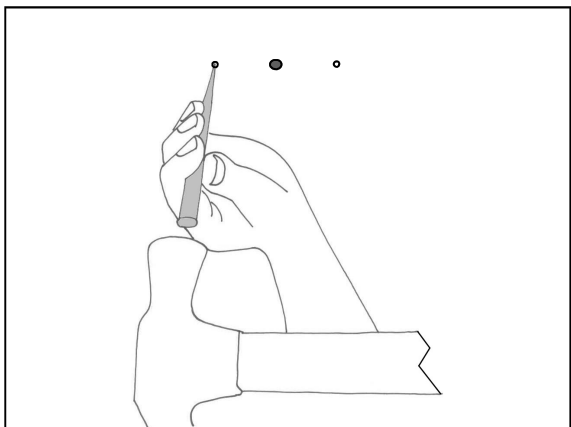
### DRILLING PROCEDURE FOR UPPER MOUNTS



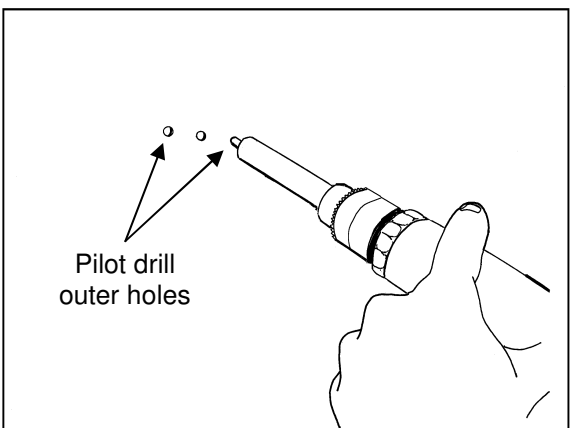
43. Using a Ø5mm drill bit with drill stop set at approximately 40mm drill through the hard plastic trim at the marked locations from steps 41/42.
44. Whilst ensuring the drill is held perpendicular to the trim drill the metal panel approx. 35mm behind.



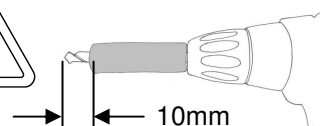
45. Using suitable trim removal tools carefully remove the upper rear 1/4 trims.
46. Locate the holes drilled in metal panel at step 44.
47. Using mounting plate (Item 5) as a template place centre hole over hole drilled at step 44.
48. With plate held parallel to side window mark the outer holes onto metal panel.
49. Repeat on other side.



50. Centre punch the marked locations. 4 places.



51. Using a Ø5mm drill bit with drill stop set at 10mm, pilot drill each of the centre punched locations.



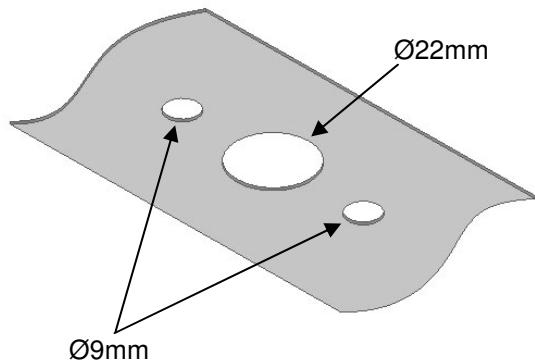


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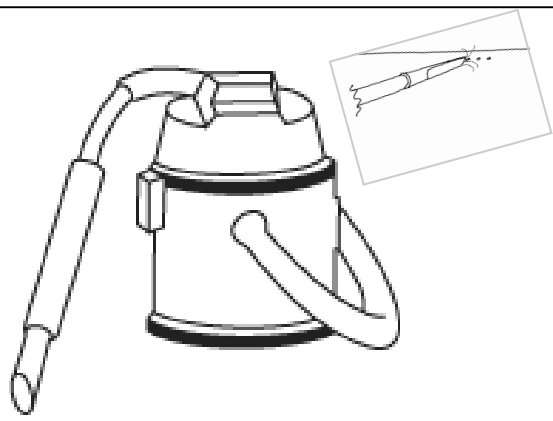
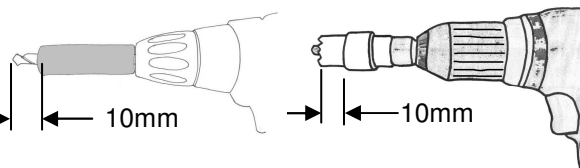
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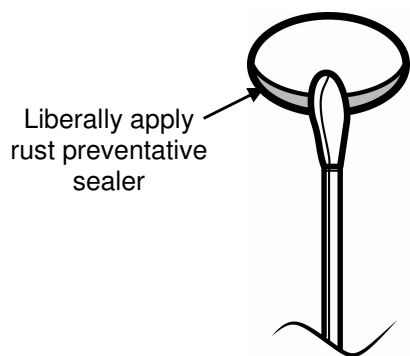
### DRILLING PROCEDURE FOR UPPER MOUNTS—Cont'd



52. Using a Ø9mm drill bit with drill stop set at 10mm enlarge each of the **outer** holes only.
53. Using a Ø22mm hole saw with drill stop set at 10mm, enlarge each of the **centre** holes only.



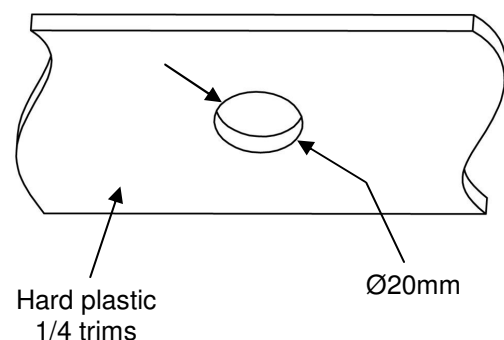
54. De Burr drilled holes.
55. Vacuum away all drilling swarf.



Liberally apply  
rust preventative  
sealer



56. Apply rust preventative sealer (Item 15) to all raw edges of drilled holes in metal panel.



Hard plastic  
1/4 trims



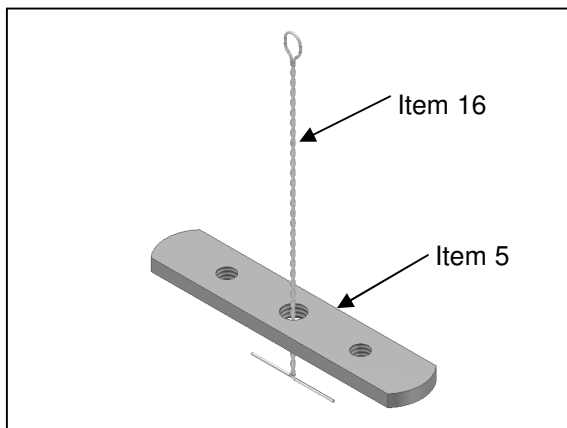
57. Using a Ø20mm hole saw enlarge the pilot holes in hard plastic 1/4 trims.
58. Using a sharp knife carefully remove any feathering from around the cut holes.

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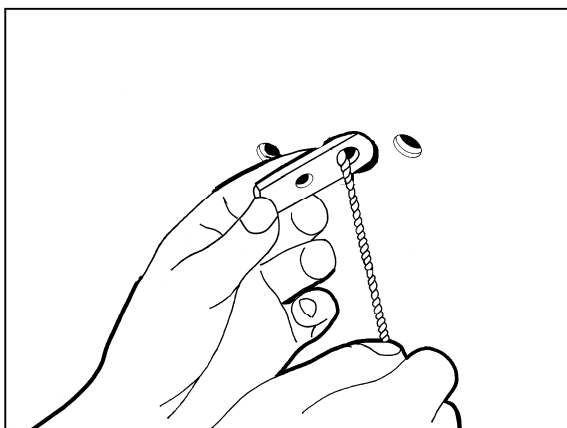
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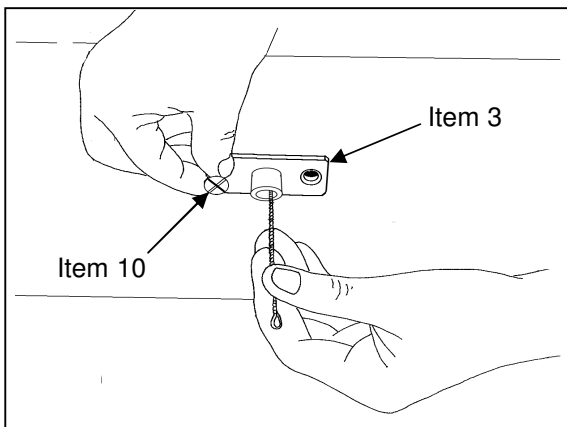
### INSTALLATION PROCEDURE FOR UPPER MOUNTS



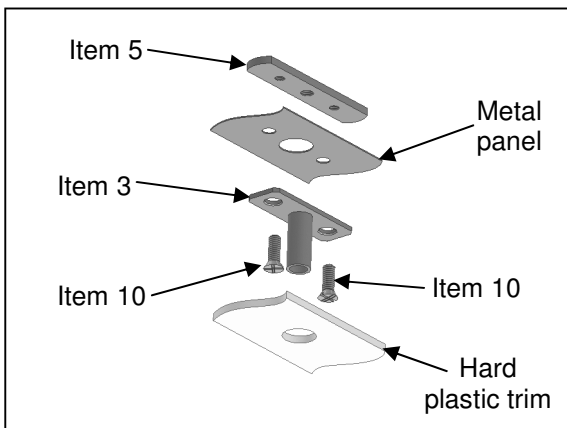
59. Place long mounting plate (Item 5) over installation tool (Item 16) as shown.



60. Whilst keeping hold of installation tool push mounting plate through 22mm centre hole in roof panel. Once plate is fully inserted, pull into position on the outside of roof panel with outer holes aligned.



61. Whilst keeping hold of installation tool place cover plate ASM (Item 3) centre hole over installation tool as shown.  
62. With all holes aligned secure in place using 1" CSK screws (Item 10) through the outer holes.  
63. Remove the installation tool by pulling downwards. Reset the ends ready for use on the other side.



64. Temporarily fit 59mm Milbolt (Item 12) to centre thread of roof mount to ensure correct alignment.  
65. Tighten outer screws.  
66. Remove Milbolt.  
67. Repeat procedure on other side.  
68. Reinstall 1/4 trims in vehicle.

## **MITSUBISHI PAJERO**

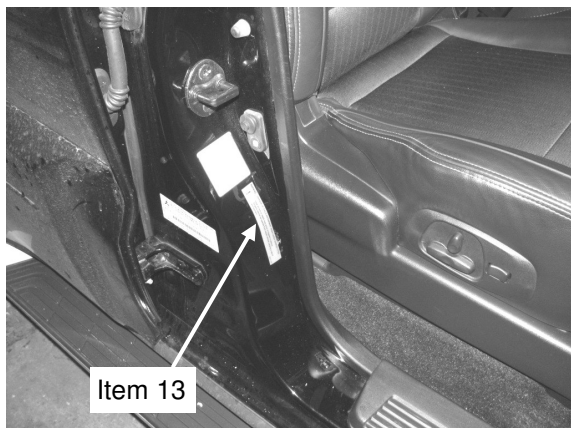
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### **AFFIXING OF WARNING LABEL**



69. Clean area inside drivers door opening as shown using cleaning pad (Item 14).
70. Allow to dry then affix orange warning label (Item 13) at that location as shown.



71. If the vehicle has a rear door with an interior release handle and child locks fitted please affix a 2nd warning label (Item 13) adjacent to the child lock.

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

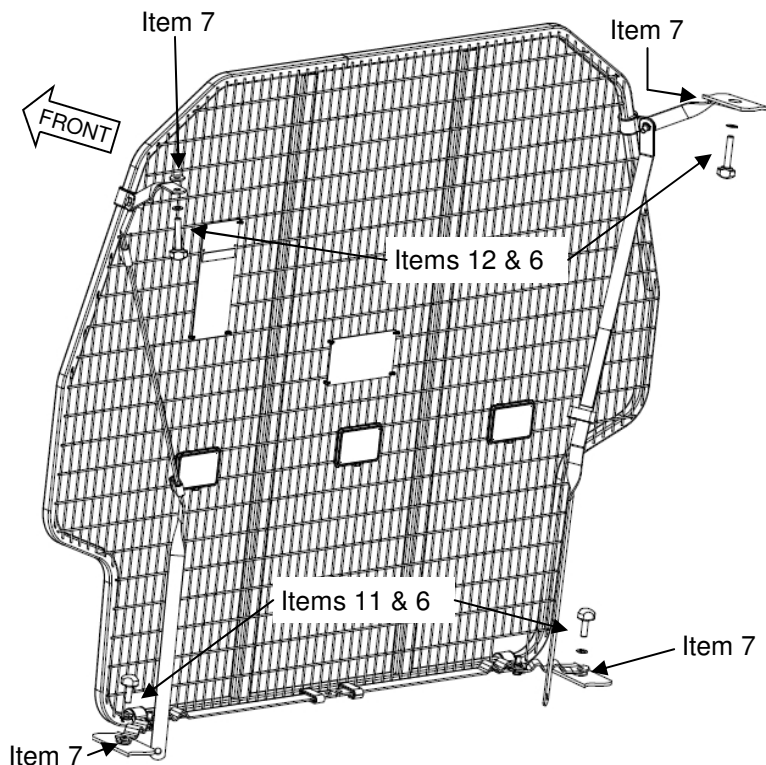
## MITSUBISHI PAJERO CARGO BARRIER INSTALLATION INSTRUCTION

Part # 306025 (Sun Roof)

VEHICLE YEARS OF MANUFACTURE - DEC. 2006 ONWARD  
(NOT SUITABLE FOR FRONT POSITION IN VEHICLES WITH SIDE CURTAIN AIRBAGS)



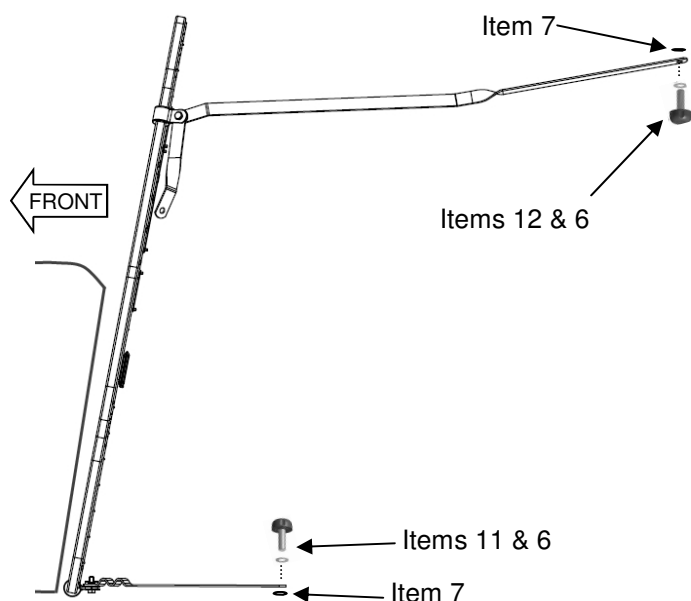
### INSTALLATION OF CARGO BARRIER 'Behind 2nd row of seats'



- Place Cargo Barrier in vehicle directly behind 2nd row of seats with rating label (meshed side of barrier) facing the rear of the vehicle.
- Attach short top straps to upper mounts using 59mm Milbolts (Item 12) with Wave washers (Item 6) under heads with a rubber washer (Item 7) between straps & mount.
- Attach short bottom straps to bottom mounts using 29mm Milbolts (Item 11) with Wave washers (Item 6) under heads with a rubber washer (Item 7) between straps & mounts.
- Tighten all Milbolts.

### INSTALLATION OF CARGO BARRIER

**'Behind 1st row of seats' (Non side curtain airbag vehicles only)**



- Fold 2nd row seats forward as shown in owner handbook.
- Place Cargo Barrier in vehicle directly behind folded 2nd row of seats with rating label (meshed side of barrier) facing the rear of the vehicle.
- Attach long top straps to upper mounts using 59mm Milbolts (Item 12) with Wave washers (Item 6) under heads.
- Attach long bottom straps to bottom mounts using 29mm Milbolts (Item 11) with Wave washers (Item 6) under heads.
- Tighten all Milbolts.



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



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## **UPPER MOUNT ROOF TEMPLATE**

