



# LANDCRUISER 76 SERIES

## CARGO BARRIER

### Installation Instructions - January 2007 Onwards 2 Position Application ( Front and Rear)

**NOTE:** Will not fit models with electric windows in rear passenger area.



Accessory Part No. 607525

Installation Time: Approx 1hr

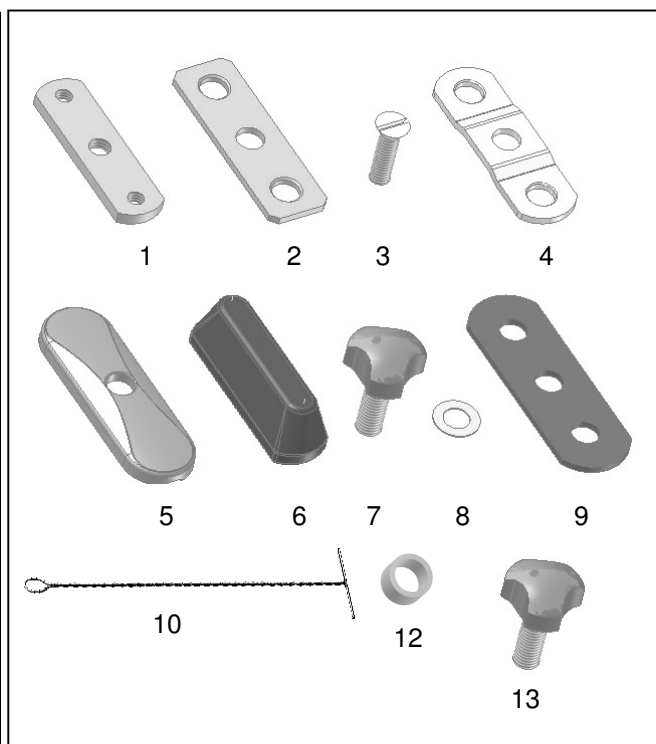
Place these Instructions in the vehicles glove box after installation is complete

**IMPORTANT:** The installation kit contains sufficient components to install the Cargo Barrier. A high degree of technical competence is necessary to correctly install this product. We recommend this Cargo Barrier be installed by a Mikford Dealer to ensure the barrier installation complies with AS/NZS 4034.1 Standard. These instructions must be read and clearly understood before commencing installation. Strict compliance with installation instructions is essential for this safety product to meet its rated capacity.

### Parts List

**Important:** Check contents of kit before commencing fitment and report any discrepancies.

Item	Component Name	Part No.	Qty
1	Mounting Plate	754000	6
2	Cover Plate—Metal	754235	2
3	5/16 x 1" CSK Screws	912000	12
4	Cover Plate—Metal/Formed	754955	4
5	Cover Plate- Plastic	754960	4
6	Seal—Mounting Plate	904020	2
7	M10 x1.5x 29mm Milbolt	912830	2
8	10mm Crinkle Washer	932125	4
9	Seal—Cover Plate	754647	2
10	Installation Tool	754200	2
11	Tekote Rust Preventative (Not Shown)	906300	1
12	8mm Spacer Tube	754543	8
13	M10 x1.5x 39mm Milbolt	912840	2



#### TOOLS REQUIRED

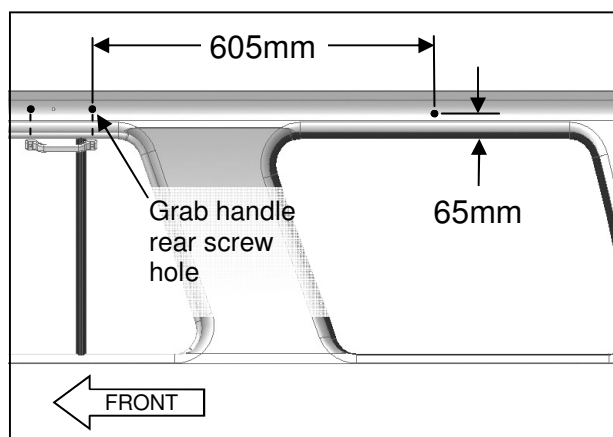
- ☐ Hammer
- ☐ Screwdriver
- ☐ Drill
- ☐ Masking Tape
- ☐ Marker
- ☐ Centre Punch
- ☐ 5mm, 9mm Drill Bits
- ☐ 22mm Hole Saw
- ☐ Drill stops
- ☐ 16mm, 22mm Vinyl Cutters
- ☐ Tape Measure
- ☐ Steel Rule
- ☐ Vacuum cleaner
- ☐ Drop sheet

#### FITTERS ADVICE

- 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.
  - ☐ A vinyl cutter assembly should be used for all soft material (i.e. Hood lining, floor covering etc). This can be made by grinding the teeth from a hole-saw at an angle of about 45 degrees.
  - ☐ Care should be taken when applying Tekote Sealer/Rust Preventative 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 for this Cargo Barrier, check vehicle for LPG Conversion. If LPG is fitted, locate gas unit and all lines attached and take EXTREME CARE whilst installing this Cargo Barrier.**

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

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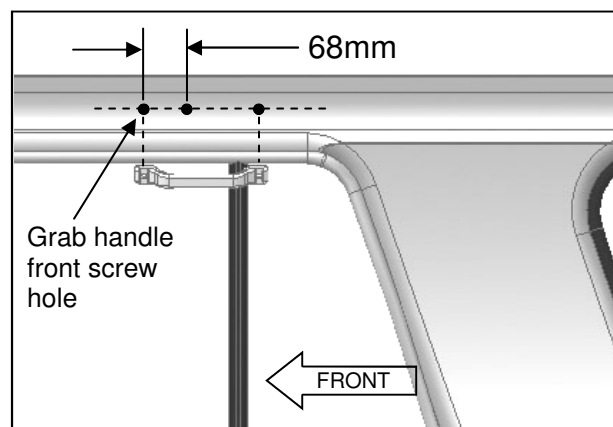


**Diagram 1:** Top rear drivers side mount location.

## 1. TOP REAR- RIGHT HAND MOUNT LOCATION.

- Remove grab handles above second row seat doors.
- Apply masking tape to soft roof trim at approximate location shown.
- Mark location as per picture with felt pen.
- Repeat on passenger side.

**Important:** Take 605mm measurement from rear grab handle screw hole.

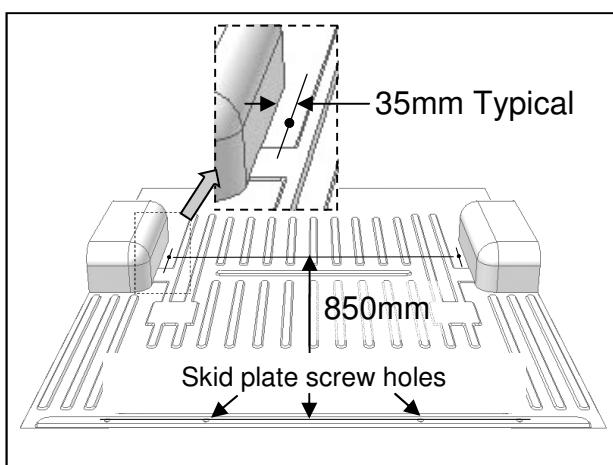


**Diagram 2:** Top front drivers side mount location.

## 2. TOP FRONT- RIGHT HAND MOUNT LOCATION.

- Apply masking tape to soft roof trim at approximate location shown.
- Mark location as per picture with felt pen.
- Repeat on passenger side.

**Important:** Take 68mm measurement from grab handle front screw hole.



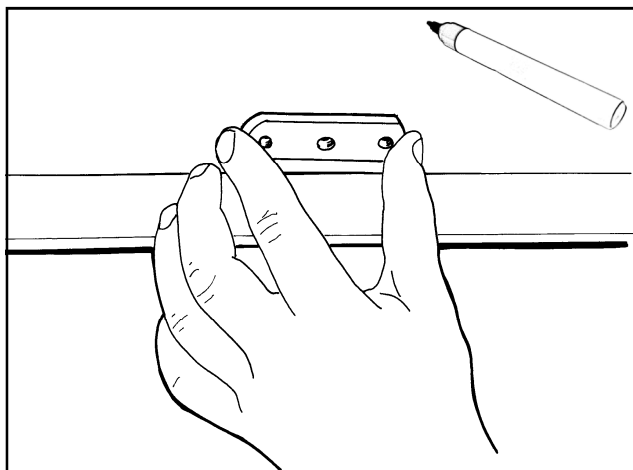
**Diagram 3:** Floor mount locations.

## 3. FLOOR MOUNT LOCATIONS.

- Remove skid plate at bottom of rear door opening and pull floor covering forward to expose metal floor under.
- Apply masking tape to floor at approximate locations shown.
- Mark locations as per picture with felt pen.

**Important:** Take each measurement from skid plate screw holes and vertical face of wheel arch metal panel under carpet.



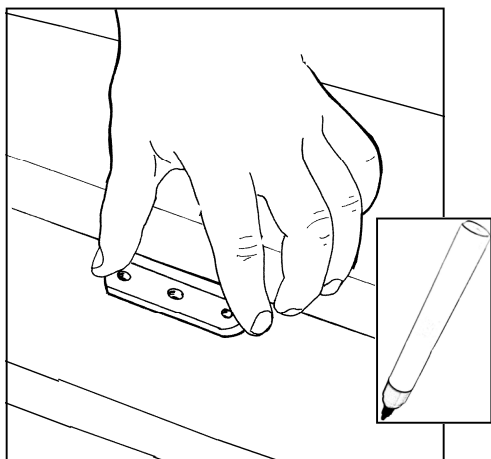


**Diagram 4:** Marking outer holes with Mounting Plate.

## **4. MARK MOUNTING PLATE OUTER HOLES FOR TOP MOUNTS.**

- Place centre hole of Mounting Plate (Item 1) over marked location's from step 1 holding horizontal.
- Mark outer holes through Mounting Plate with felt pen.

**Important:** Mark outer holes parallel with window moulding.

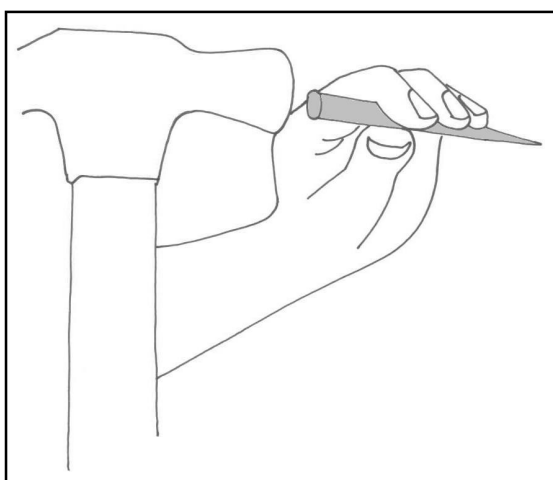


**Diagram 5:** Marking outer holes with Mounting Plate.

## **5. MARK MOUNTING PLATE OUTER HOLES FOR FLOOR MOUNTS.**

- Place centre hole of Mounting Plate (Item 1) over marked location's from step 2 with plate parallel to wheel arch.
- Mark outer holes through Mounting Plate with felt pen.

**Important:** Mark outer holes parallel with wheel arches.



**Diagram 6:** Centre punch all marked locations.

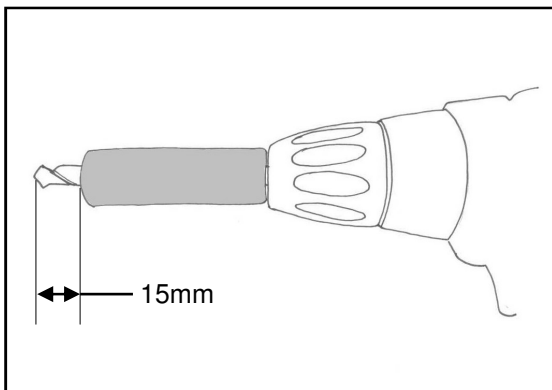
## **6. CENTRE PUNCH .**

- Centre punch all marked location points top and bottom.

**Important:** Centre punch through soft trim so metal panels are marked.



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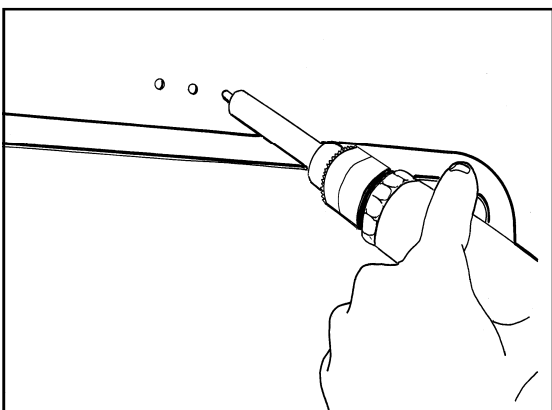


**Diagram 7:** Drill stop settings.

## 7. SETTING DRILL STOP LENGTH.

- Set Drill stop length as shown in picture.

**Important:** Set Drill stop so outer panels do not get damaged.

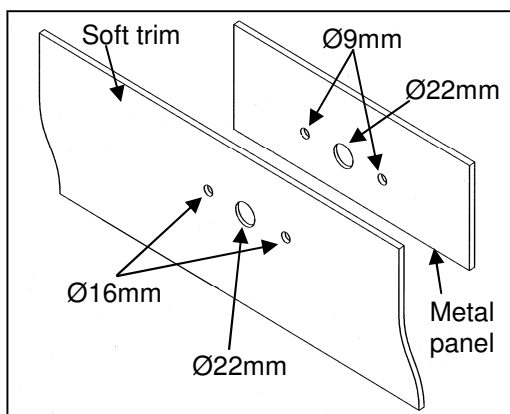


**Diagram 8:** Drilling 5mm pilot holes in roof panel shown.

## 8. DRILLING PILOT HOLES

- Drill 5mm pilot holes at all marked points.

**Important:** Drill perpendicular to all surfaces.



**Diagram 9:** Top mount hole sizes.

## 9. DRILLING TOP MOUNT HOLES.

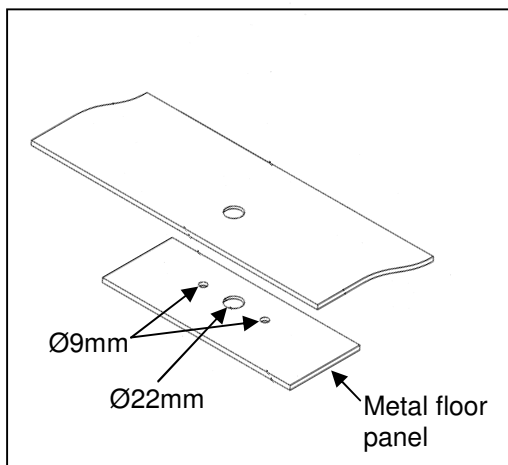
- Drill out holes as shown in picture.

**Important:**

- Use vinyl cutter for all soft trim.
- Caution should be taken not to drill through outer panels.
- Always use drill stops.



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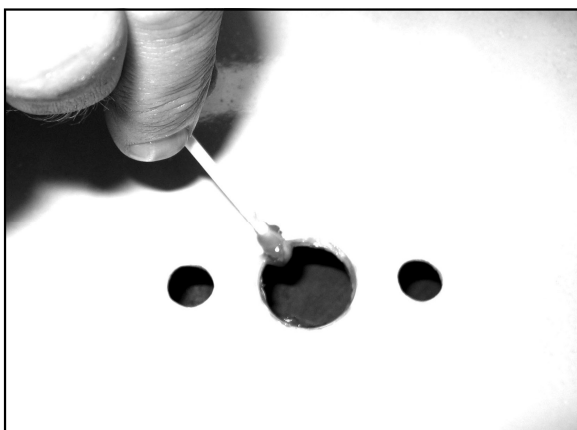


**Diagram 10:** Floor mount hole sizes.

## 10. DRILLING FLOOR MOUNT HOLES.

- Drill out holes as shown in picture.

**Important:** Caution should be taken not to drill through outer panels.

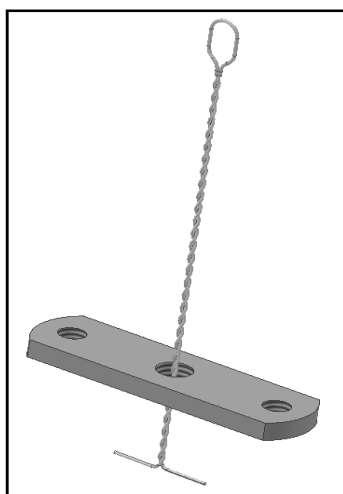


**Diagram 11:** Apply rust preventative wax.

## 11. APPLY RUST PREVENTATIVE.

- Vacuum away all drilling swarf.
- Apply Tekote rust preventative wax (Item 11) to all drilled holes.

**Important:** Care should be taken when applying Tekote rust preventative wax to avoid the possibility of skin and eye irritation.



**Diagram 12:** Assembly of Installation Tool and Mounting Plate.

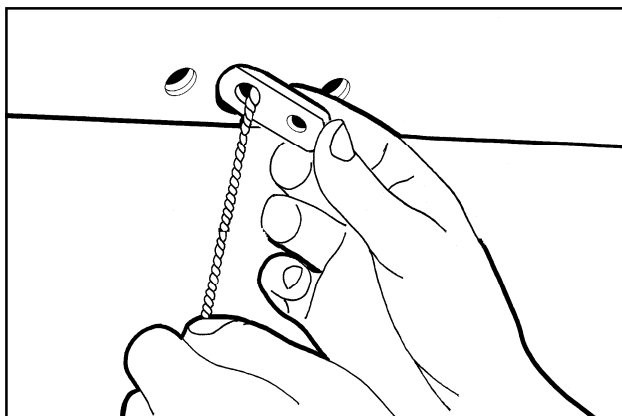
## 12. ASSEMBLY OF INSTALLATION TOOL AND MOUNTING PLATE.

- Push eye of Installation Tool (Item 10) through centre hole of Mounting Plate (Item 1) as shown in picture.

**Important:** Reset ends of installation tool in between uses.



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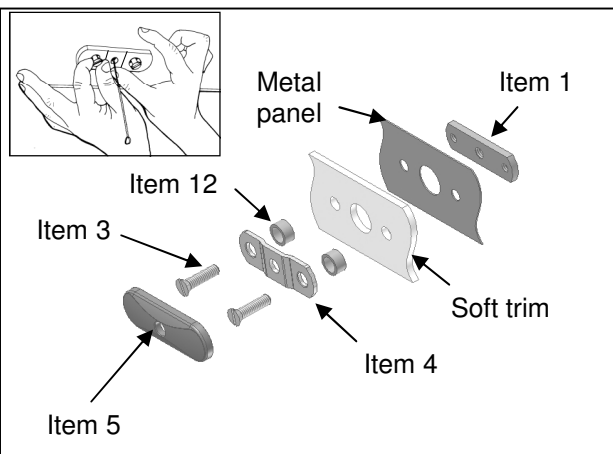


**Diagram 13:** Inserting mounting plate.

## **13. INSERTING MOUNTING PLATE FOR TOP MOUNTS.**

- Insert Mounting Plate through centre 22mm hole drilled at step 9 as shown in picture.
- Position mounting plate behind panel with outer holes aligned with drilled outer holes.

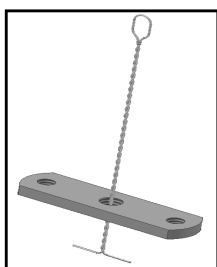
**Important:** Care should be taken to not accidentally remove installation tool at this stage.



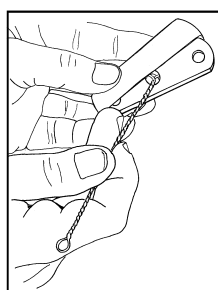
**Diagram 14:** Attaching Cover Plate to Mounting Plate.

## **14. COVERPLATE ASSEMBLY—TOP MOUNTS.**

- Slide centre hole of Formed Cover Plate (Item 4) over eye of Installation Tool.
- Hold Cover Plate in position with outer holes lined up with those of the Mounting Plate behind the metal panel.
- Push Spacer tubes (Item 12) into outer 16mm holes.
- Secure assembly using 5/16 x 1" CSK Screws (Item 3) & remove Installation tool.
- Fit Plastic Cover Plate (Item 5) as shown.
- Repeat for other top mounts.
- Replace grab handles removed at step 1.



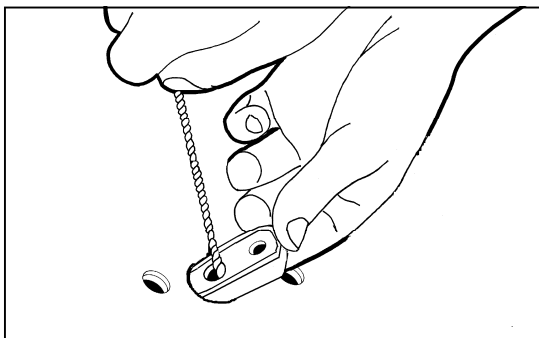
**Diagram 15A:** Assembly of Installation Tool and Mounting Plate.



**Diagram 15B:** Assembly of Rubber Seal and Mounting Plate.

## **15. ASSEMBLY OF INSTALLATION TOOL AND MOUNTING PLATE SEAL TO MOUNTING PLATE.**

- Push eye of Installation Tool (Item 10) through centre hole of Mounting Plate (Item 1) as shown in picture 15A.
- Attach Rubber Seal (Item 6) to Mounting Plate as shown in picture 15B.

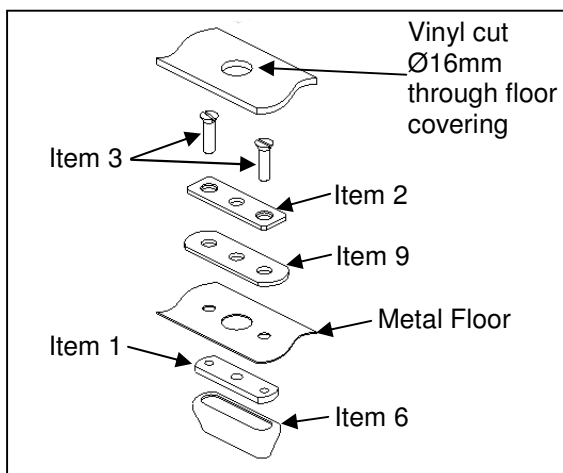


**Diagram 16:** Inserting mounting plate.

## **16. INSERTING MOUNTING PLATE FOR FLOOR MOUNTS.**

- Insert Mounting Plate/Seal assembly through centre 22mm hole drilled at step 10 as shown in picture.
- Position mounting plate behind panel with outer holes aligned with drilled outer holes.

**Important:** Care should be taken to not accidentally remove installation tool at this stage.



**Diagram 17:** Securing Cover Plate to Mounting Plate.

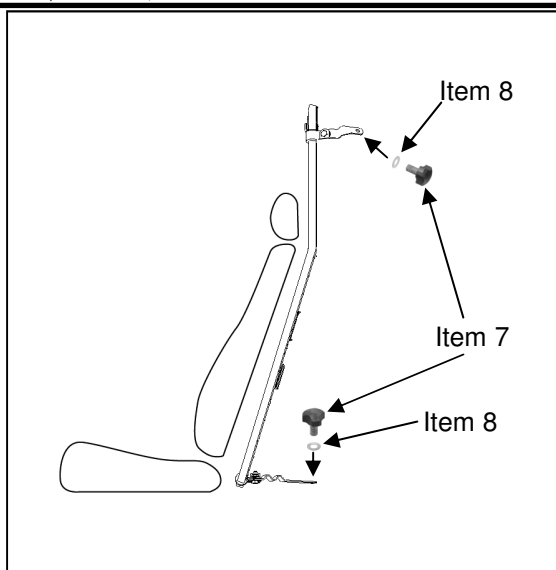
## **17. COVER PLATE ASSEMBLY—FLOOR MOUNTS.**

- Slide centre hole of Rubber Cover Plate Seal (Item 9) over eye of Installation Tool.
- Slide centre hole of Cover Plate (Item 2) over eye of Installation Tool.
- Position Cover Plate and Rubber Seal with outer holes lined up with those of the Mounting Plate behind the metal panel.
- Secure assembly using 5/16 x 1" CSK Screws (Item 3).
- Repeat for other side.
- Reposition floor covering.
- Locate floor mount centre hole locations on top face of floor covering.
- At these locations cut Ø16mm hole through covering using vinyl cutter.
- Refit skid plate to rear door opening.

**Important:** Ensure M10 x 1.5 centre thread is aligned correctly.



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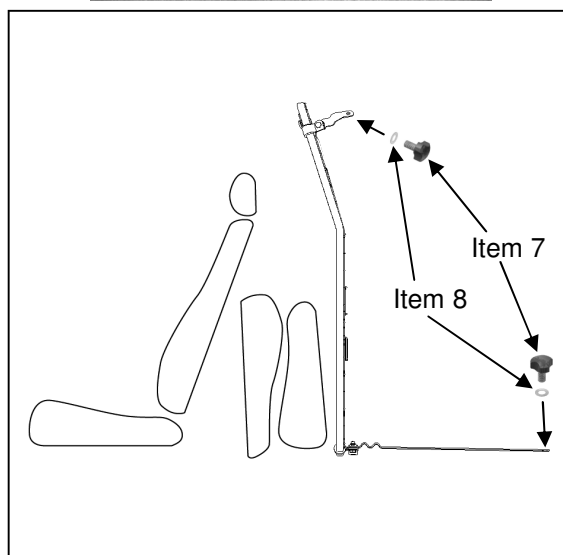
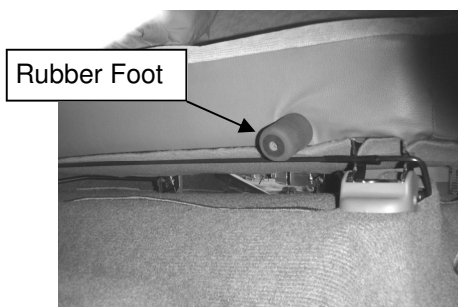


**Diagram 18:** Install Cargo Barrier in rear position.

## 18. CARGO BARRIER INSTALLATION.

- Stand Cargo Barrier Panel in position as shown in picture behind second row seat.
- Attach top straps to rear roof mounts using 39mm Milbolts (Item 13) with Crinkle Washer (Item 8) under heads.
- Attach short bottom straps to floor mounts using 29mm Milbolts (Item 7) with Crinkle Washer (Item 8) under heads.

**Important:** The Cargo Barrier's compliance plate must be facing the rear of vehicle.



**Diagram 19:** Install Cargo Barrier in front position.

## 19. FRONT POSITION CARGO BARRIER INSTALLATION.

- Remove rubber foot from bottom of rear seats (LH side). See photo.
- Fold rear seat forward as shown in owners manual.
- Stand Cargo Barrier Panel in position as shown in picture.
- Attach top straps to front roof mounts using 39mm Milbolts (Item 13) with Crinkle Washer (Item 8) under heads.
- Attach long bottom straps to floor mounts using 29mm Milbolts (Item 7) with Crinkle Washer (Item 8) under heads.

**Important:** The Cargo Barrier's compliance plate must be facing the rear of vehicle.



**Important:** Check that all nuts, bolts and screws are tight and re-check periodically.