



Behind you all the way.

MILFORD INDUSTRIES

CARGO BARRIER PN.606925



LANDCRUISER 100 SERIES

TO SUIT 5 AND 7 SEAT MODELS. REAR POSITION ONLY WHEN SUNROOF FITTED. **NOT SUITABLE FOR THE LEXUS OR MODELS WITH DUAL AIR**

People must not sit behind the Cargo Barrier

YEARS OF MANUFACTURE- APRIL 98 to AUGUST 05

PLEASE NOTE TWO FITTING VARIATIONS APRIL 98 TO SEPT 02, OCT 02 – AUGUST 05

INSTALLATION INSTRUCTIONS

Installation Time: Approx 2.5 Hrs.

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 a Toyota 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.

Place these instructions in vehicle's glovebox after installation is complete

Parts List

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

Item	Component Name	Qty.	Part No.				
1	Cargo Barrier Assy. (Not Shown)	1	606940	16	Cleaning Pad -Sachet (Not shown)	1	906302
2	Mounting Plate	6	754000	17	Concealed Type Cover Plate (Not Shown)	2	754165
3	Metal Cover Plate Assy. (Short spacer)	2	754655	18	$\frac{5}{16}$ " BSW x 11/2" CSK Screw (Not Shown)	4	912310
4	Metal Cover Plate Assy. (Long spacer)	2	754654	19	Trim Plug (Not Shown)	2	904175
5	Metal Cover Plate (Countersunk)	4	754235				
6	Mounting Plate Seal (Rubber)	2	904020				
7	Cover Plate Seal (Rubber)	2	754647				
8	Rubber Washer	2	904315				
9	$\frac{5}{16}$ " BSW x 1" CSK Screw	12	912000				
10	$\frac{3}{8}$ " Crinkle Washer	4	932125				
11	Wing Bolt - M10 x 1.5 x 25	2	912035				
12	Milbolt - M10 x 1.5 x 29	4	912830				
13	Installation Tool	2	754200				
14	Tekote Sealer / Rust Preventative (Not shown)	1	906300				
15	Warning Label (Not shown)	2	905016				

TOOLS REQUIRED

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

FITTERS ADVICE

Note. To fit the Cargo Barrier the following is essential:

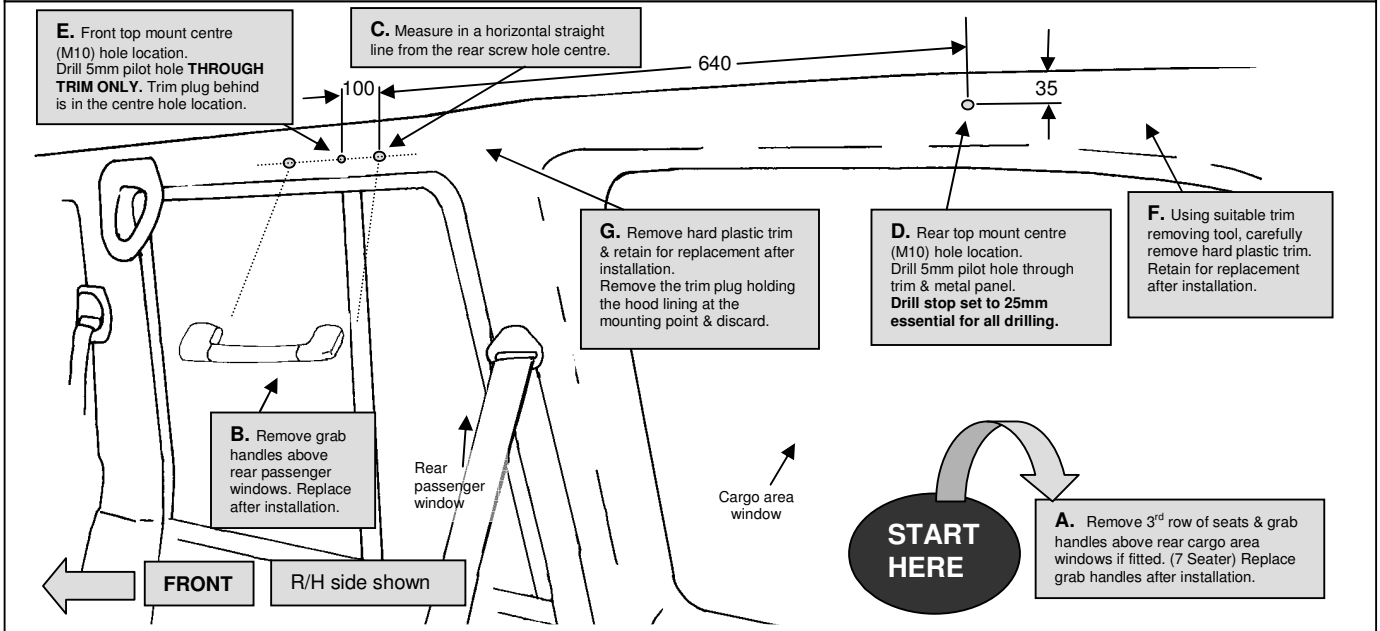
- ☐ Always drill perpendicular to surface (Unless stated otherwise).
- ☐ A positive drill stop should be used to prevent accidental damage to external panels, fuel lines etc.
- ☐ A vinyl cutter assembly should be used for all soft material (ie. Hood lining, floor covering etc). This can be made by grinding 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.

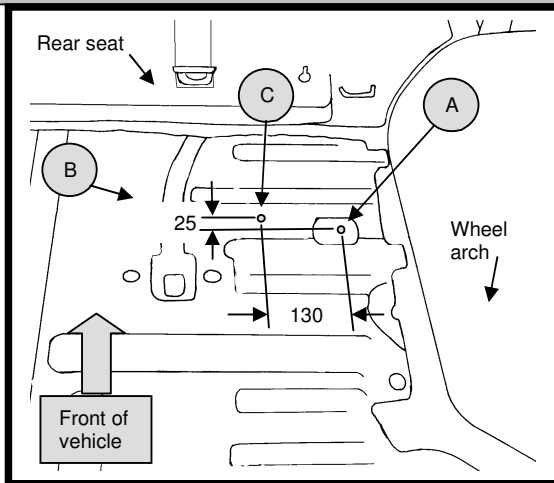


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This diagram shows the right hand side **TOP MOUNT LOCATION SEQUENCE (Notes A to G)**; The left-hand side is the same.
FOR MODELS APRIL 98 TO SEPT 02



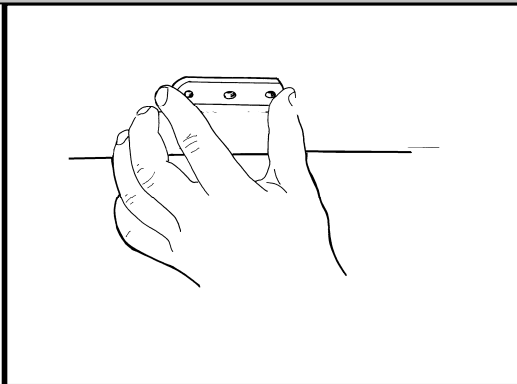
This diagram shows the right hand side **BOTTOM MOUNT LOCATION SEQUENCE** The left-hand side is the same.



Follow Steps A to C on Diagram

- Remove child restraint anchorage (If fitted) from this location. Replace after installation.
- Remove floor covering. (Diagram shown with covering already removed). Replace covering after installation.
- Measure dimensions from centre of child restraint anchorage captive nut. Mark centre (M10) hole location.

Marking Holes for Mounting Plate Locations **Top Mounts** and **Bottom Mounts**



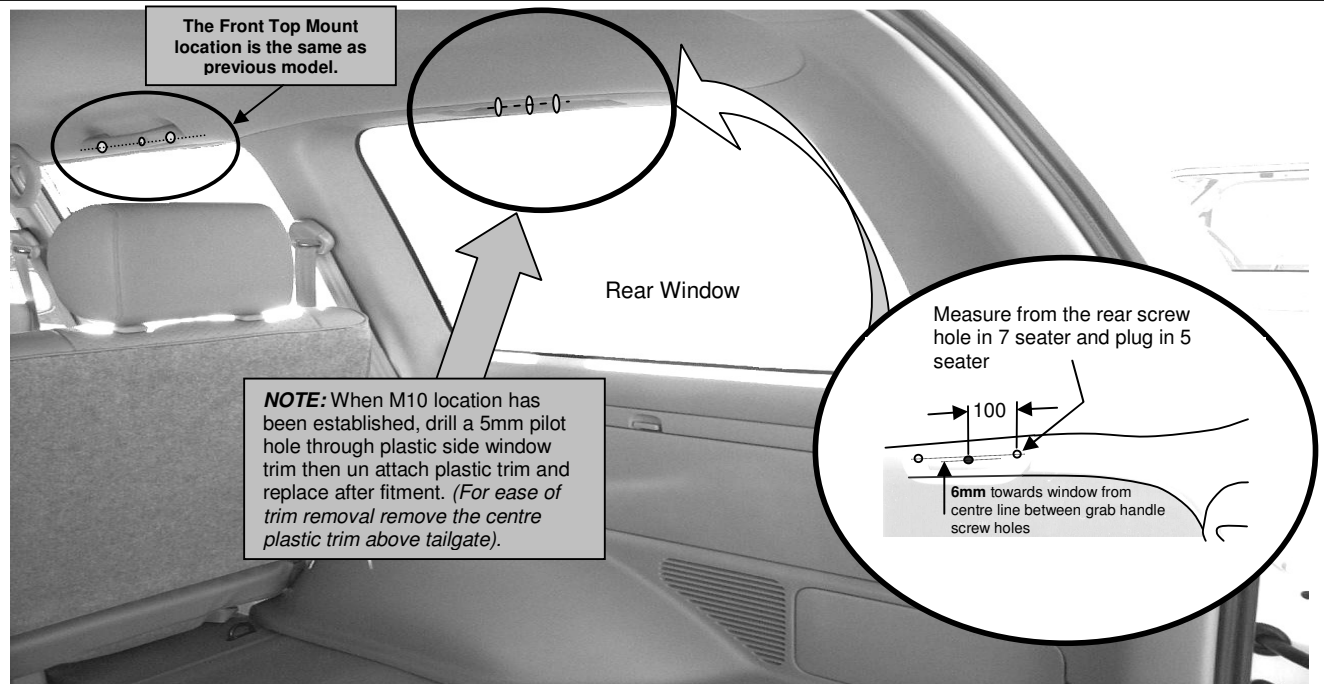
- Using a Mounting Plate (Item 2) as a template, place the centre M10 hole over all marked location points.
- Mark the outer holes as follows.

TOP MOUNTS- Horizontally (Parallel to hard plastic trim). For top front position, lift flap of hood lining out of the way to mark outer holes.

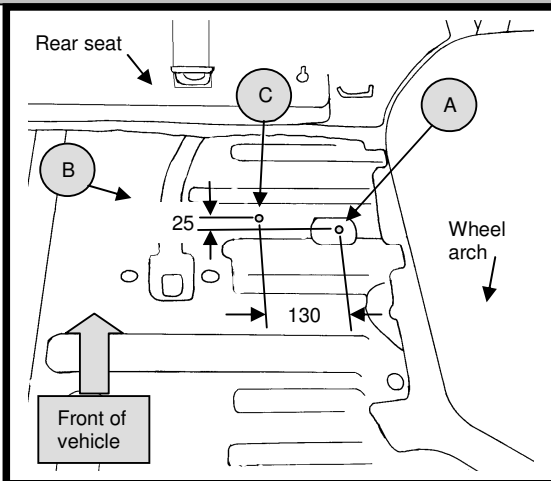
FLOOR MOUNTS- Parallel to side trims/wheel arches and pointing towards the front of the vehicle.

- Centre punch all marked locations.

FOR MODELS OCT 2002 ONWARDS- Does Not Included Sunroof and Dual Air Models



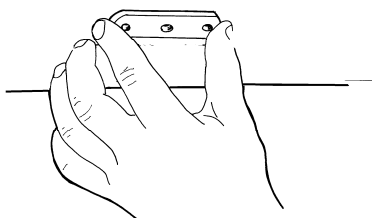
This diagram shows the right hand side **BOTTOM MOUNT LOCATION SEQUENCE** The left-hand side is the same.



Follow Steps A to C on Diagram

- Remove child restraint anchorage (If fitted) from this location. Replace after installation.
- Remove floor covering. (Diagram shown with covering already removed). Replace covering after installation.
- Measure dimensions from centre of child restraint anchorage captive nut. Mark centre (M10) hole location.

Marking Holes for Mounting Plate Locations Top Mounts and Bottom Mounts

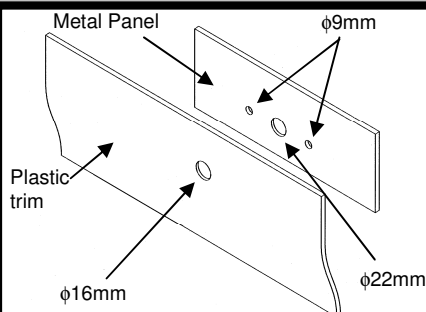


- Using a Mounting Plate (Item 2) as a template, place the centre M10 hole over all marked location points.
- Mark the outer holes as follows.
 - TOP MOUNTS-** Horizontally (Parallel to side windows).
 - FLOOR MOUNTS-** Parallel to side trims/wheel arches of the vehicle.
- Centre punch all marked locations.



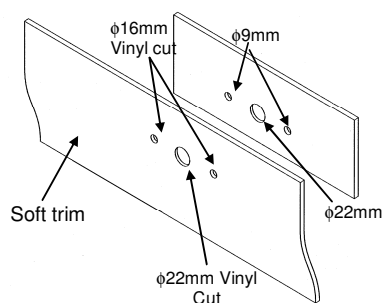
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Drilling Procedure for **TOP FRONT** and **TOP REAR** mounts for Models (APRIL 98- SEPT 02)



1. **TOP FRONT & TOP REAR**
2. All marked locations pilot drill $\phi 5\text{mm}$. Re-drill outer holes to $\phi 9\text{mm}$ and the centre holes to $\phi 22\text{mm}$ in metal panel with hole saw.
3. Re-drill pilot hole in plastic trim out to $\phi 16\text{mm}$ with hole saw.

Drilling Procedure for **TOP FRONT** and **TOP REAR** mounts for Models OCT 02 ONWARDS



Top Front Mount Only

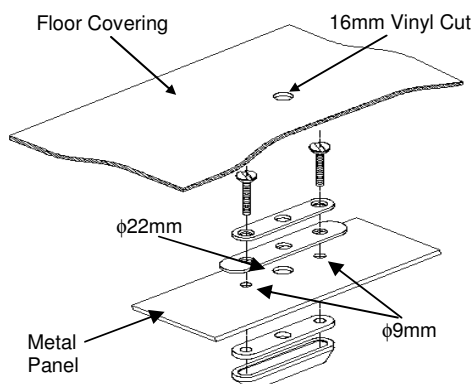
1. **TOP FRONT MOUNT-** Re-Drill pilot holes in soft trim to 16mm vinyl cut outer holes and 22mm vinyl cut centre M10 hole.
2. All marked locations pilot drill $\phi 5\text{mm}$. Re-drill outer holes to $\phi 9\text{mm}$ and the centre holes to $\phi 22\text{mm}$ in metal panel with hole saw.
3. **TOP REAR MOUNT-** The drilling procedure for this mount is the same as previous model (April 98-Sep 02)

Important When drilling through all metal panels the use of a **Drill Stop** is advised to prevent the damage of external panels, fuel lines etc



- All drilling swarf should be vacuumed away before refitting hard trim.

Drilling procedures for **FLOOR MOUNTS**



3. **FLOOR MOUNTS**

(Metal only) all marked positions, pilot drill out to $\phi 5\text{mm}$. Re-drill outer holes to $\phi 9\text{mm}$ and the centre holes to $\phi 22\text{mm}$ with hole saw. **Drill stop set to 25mm essential for all drilling.**

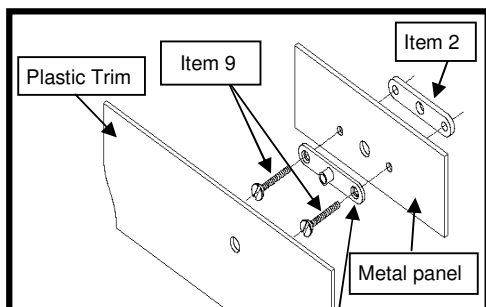
IMPORTANT



Apply Tekote sealer (Item 14) to **all drilled metal panels** to prevent corrosion.

All drilling swarf should be vacuumed away before refitting trim.

These diagrams show the **RIGHT-HAND** side **TOP FRONT MOUNTS** installation procedure.
- The left-hand side is the same. For Models **APRIL 98 – SEP 02**

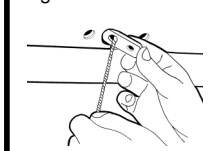


Cover Plate Requirements:

Front mount - Use Item 3 – Short spacer tube.

Rear mount –
5 Seat – Use Item 4 – Long spacer tube.
7 Seat with 3rd row grab handles and recessed trim – Use Item 5 – No spacer tube.

Fig A.

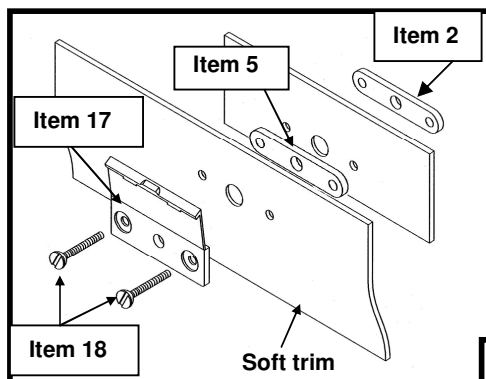


TOP FRONT & TOP REAR

Insert mounting plate (Item 2) through 22mm hole using installation tool (Item 13). (see **Fig. A**). Insert eye of installation tool through centre M10 hole of mounting plate.

Assemble as per diagram, ensuring centre M10 thread is aligned before tightening outer $\frac{5}{16}$ " 1" BSW screws. (Item 9).

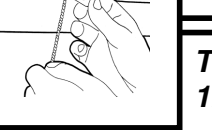
These diagrams show the **RIGHT-HAND** side **TOP MOUNTS** installation procedure.
(The left-hand side is the same). For Models **OCT 02 Onwards**



TOP FRONT MOUNTS-

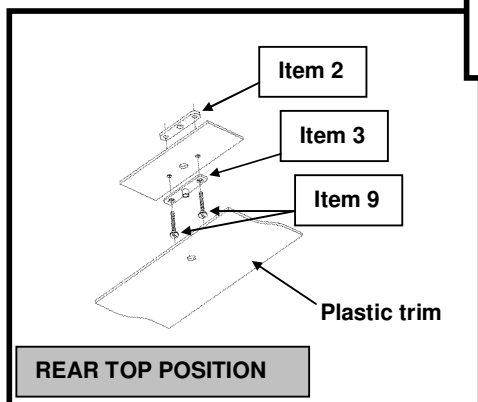
1. Insert eye of installation tool through centre M10 hole of mounting plate. Insert the mounting plate through the 22mm hole through the soft trim and the metal panel using the installation tool (Item 13). (see **Fig A1**)
2. Assemble as per diagram, ensuring M10 thread is aligned before tightening outer $\frac{5}{16}$ " 1 $\frac{1}{2}$ " BSW screws. (Item 18)

Fig A1

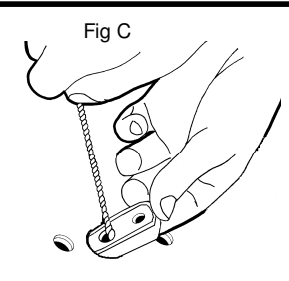
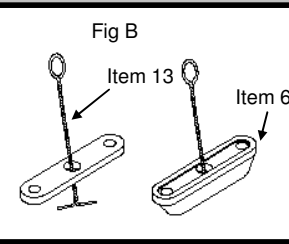
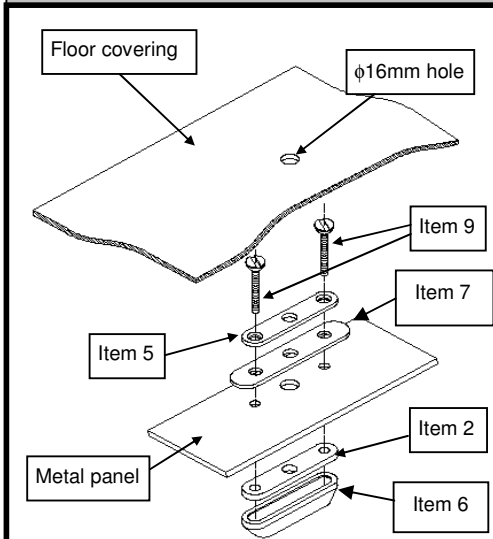


TOP REAR MOUNT-

1. Insert eye of installation tool through centre M10 hole of mounting plate. Insert mounting plate (Item 2) through hole in the metal panel using the installation tool (Item 13). (see fig A1).
2. Assemble as per diagram, ensuring M10 thread is aligned before tightening outer $\frac{5}{16}$ " 1" BSW screws. (Item 9)



These diagrams show the **RIGHT HAND** side **FLOOR MOUNT** installation procedure.
(The left hand side is the same).



FLOOR MOUNTS-

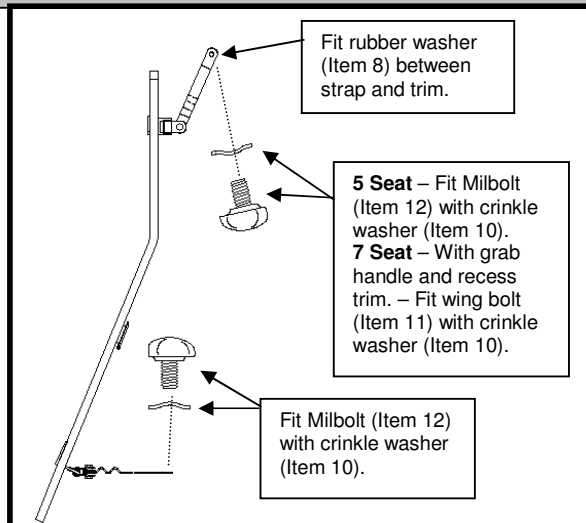
Insert installation tool (Item 13) through mounting plate (Item 2). Assemble mounting plate seal (Item 6) to mounting plate. Refer Fig. B.

Insert mounting plate assy. through 22mm hole in panel. Refer Fig. C.

Assemble as per diagram. Ensure centre M10 thread is aligned before tightening outer $\frac{5}{16}$ " 1" BSW screws (Item 9).

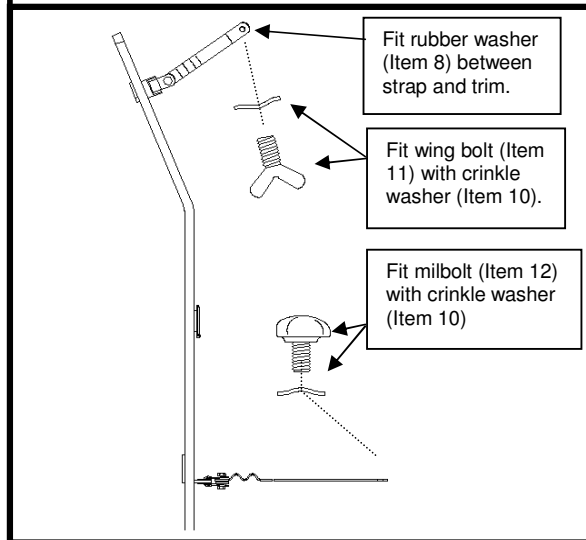
Floor covering- Refit after mount installation. Drill $\phi 16$ mm hole at centre M10 hole location with vinyl cutter.

Installation of CARGO BARRIER



REAR POSITION

- With the second row of seats in an upright position, stand the cargo barrier assembly (Item 1) directly behind.
- The Cargo Barrier compliance plate must be in the top left hand corner, and facing towards the rear of the vehicle.
- Attach the top strap with twist & shorter bottom straps to mounts with Milbolts as shown.



FRONT POSITION

- Fold the second row of seats forward as outlined in the vehicle owner's handbook.
- Stand the Cargo Barrier assembly (Item 1) in position directly behind the front row of seats.
- The Cargo Barrier compliance plate must be in the top left hand corner and facing towards the rear of the vehicle.
- Attach the top strap with curve & longer bottom straps to mounts with Milbolts as shown.