



MILFORD INDUSTRIES

CARGO BARRIER INSTALLATION ADVICE

The Milford 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.

The maximum load for a Milford Cargo Barrier is 60kg single mass, that is if an object weighs 60kg, only one object is permitted behind the barrier for it to be most effective. To establish this maximum load rating, tests were conducted to simulate a collision, which is equivalent to a vehicle impacting a solid barrier at 48 km/h while carrying a single mass load of 60kg.

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 Milford outlet to ensure the barrier installation complies with AS/NZS 4034 Standard. These instructions must be read and clearly understood before commencing installation. Where the installation involves modifications to the vehicles seating, some states require this to be reported to relevant authorities.

W A R N I N G

- 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.
- Position the load against the Cargo Barrier.
- If involved in an accident or accidentally damaged, the Cargo Barrier should be replaced and the anchorages repaired to as new condition.
- 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 rear cargo area should never be used as a play area for children.
- Care in placement of cargo behind the Cargo Barrier is needed to prevent damage to child restraint anchorages and webbing in the event of an accident.
- Load should not be in contact with child restraint webbing.
- Load should be positioned below the child restraint webbing access hole when tether strap is in use.
- The Cargo Barrier may deform and significantly intrude into occupant's space in an accident.
- The plaque shall not be removed from the Cargo Barrier.

CAUTION

- Clean barrier with warm water and mild soap only. Never allow solvents, or chemicals to come in contact with the barrier. Discard Cargo Barrier if it becomes rusted.
- Do not obstruct seat belts, child restraints, or their operation.
- Seat, seat belt or child restraint anchorages must not be used for mounting the Cargo Barrier.
- Long thin items of cargo should be positioned in the vehicle with the long axis across the vehicle to minimize the penetration risk.
- Do not drill, rivet, adhere or attach objects to the front or rear of the Cargo Barrier.

NOTICE TO FITTERS AND DISTRIBUTORS

Please ensure this notice and the fitting instructions are left in the glove box after installation of Cargo Barrier.

Note – To fit the cargo barrier it is essential that:

- a) Always drill perpendicular to surface (Unless stated otherwise).
- b) A positive drill stop should be used to prevent accidental damage to external panels, fuel lines etc.
- c) 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.
- d) Care should be taken when applying Tekote Sealer/Rust Preventative to all holes drilled to negate the possibility of skin irritation.
- e) Check screws in relevant components by hand before installation. Should there be resistance re-tap threads and re-check.
- f) Before marking or drilling for this Cargo Barrier, check vehicle for LPG Conversion. If LPG 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 FASTENERS DURING INSTALLATION OF COMPONENTS TO THE VEHICLE.



MILFORD INDUSTRIES

TOYOTA HI-ACE CARGO BARRIER (BEHIND SLIDING DOOR)

YEARS OF MANUFACTURE - FEBRUARY 1983 to CURRENT

PART No. 605700

NOTE - THIS INSTRUCTION FOR S.W.B. MODELS ONLY

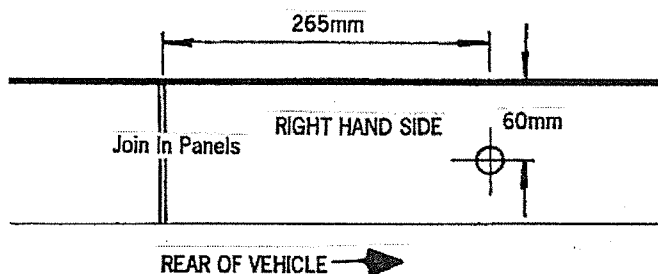
READ AND CLEARLY UNDERSTAND THESE FITTING INSTRUCTIONS BEFORE MAKING ANY ATTEMPT TO FIT THIS PRODUCT. HOWEVER, WE RECOMMEND FITTING BY AN AUTHORISED DISTRIBUTOR.

This cargo barrier has been tested under simulated impact conditions. DO NOT UNDER ANY CIRCUMSTANCES modify this product or use alternative anchorage points (eg. seat, seat belt mounts, child restraints etc.) to fasten this product in the vehicle. TO DO SO WILL VOID WARRANTY AND RATED CAPACITY.

NOTE - To fit the cargo barrier it is suggested that:

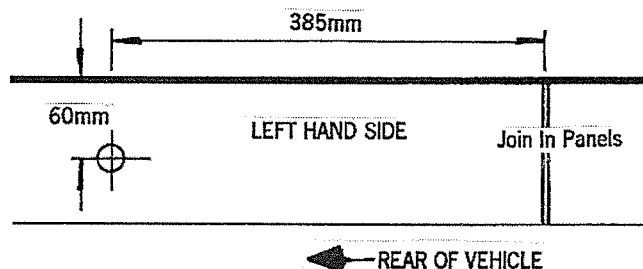
- A suitable drill stop be used to prevent accidental damage to electrical wiring, fuel lines, panels etc.
- A vinyl cutter be used for ALL SOFT MATERIAL (ie. hood lining, floor covering etc.) This can be made by grinding the teeth from a holesaw at an angle of about 45 degrees.
- Care be taken when applying Tekote Sealer/Rust Preventative to all holes drilled to negate the possibility of SKIN IRRITATION.
- CHECK screws in relevant components BY HAND before installation. Should there be resistance re-tap threads and re-check. DO NOT CROSS THREADS WHEN FITTING ANY COMPONENTS IN THE VEHICLE.

1. MARK TOP R.H. CENTRE HOLE POSITION



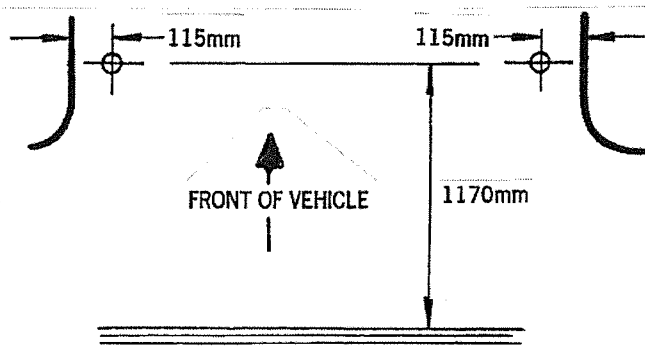
Dimensions for the position of the Mounting Plate 1.1 centre (M10 x 1.5) hole on the TOP R.H. Side are shown in the above sketch. Measurements are from a join in the panels and DOWN from the TOP edge. Mark with a felt tip pen.

2. MARK TOP L.H. CENTRE HOLE POSITION



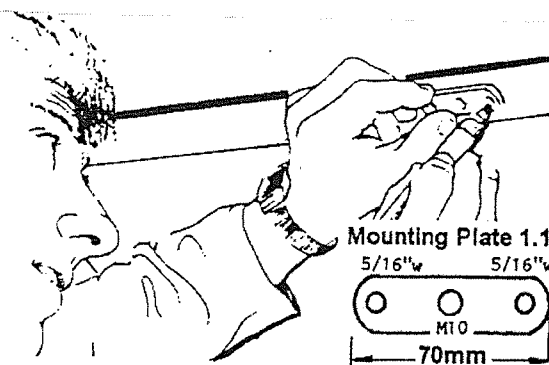
Dimensions for the corresponding hole on the TOP L.H. Side are shown in the above sketch. Again the measurements are taken from a join in the panels and DOWN from the TOP edge. Mark with a felt tip pen.

3. MARK FLOOR CENTRE HOLE POSITIONS



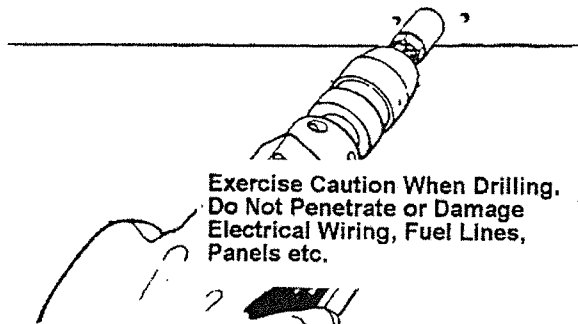
Refer to the above sketch for the FLOOR Mounting Plate 1.1 centre (M10 x 1.5) hole positions. The measurements are from the FRONT OR LEADING EDGE of the SKID PLATE and OUT from the WHEEL ARCHES. Mark with a felt tip pen.

4. MARK MOUNTING PLATE 1.1 OUTER HOLES



Use a Mounting Plate 1.1 from the kit as a template to mark the positions of the outer (5/16" BSW) holes as follows:
TOP MOUNTS - horizontal.
FLOOR - parallel to the sides of the vehicle.

5. DRILL HOLES FOR MOUNTING PLATE 1.1



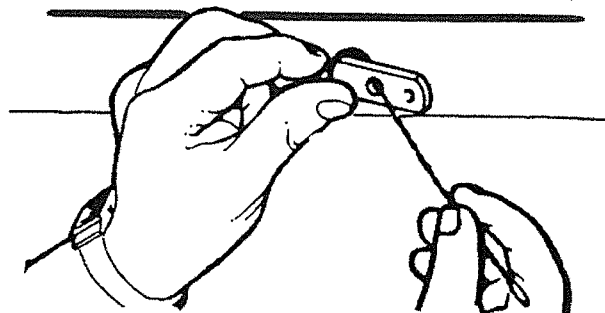
Drill a 5mm pilot hole at all marked points. Re-drill as follows:
ALL OUTER HOLES - to 9mm.

TOP CENTRE HOLES - enlarge to 22mm with a holesaw.

FLOOR CENTRE HOLES - use a 22mm vinyl cutter on any SOFT floor covering (Refer to Note 'b') to gain access to the metal panel. Change to a 22mm holesaw to continue through the metal floor panel.

To use either the VINYL CUTTER or HOLESAW for the INCORRECT APPLICATION MAY RESULT IN DAMAGE.

6. FIT MOUNTING PLATES

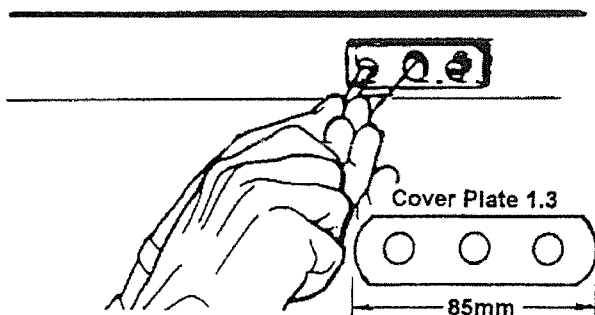


This section is to be read in conjunction with Step 7.

Apply Tekote Sealer/Rust Preventative supplied in the kit to all holes drilled BEFORE fitting the mounting plates 1.1 by inserting the 'eye' of the installation tool into the centre (M10) hole of a mounting plate. The mounting plate is then pushed through the 22mm hole in the body panel.

DO NOT REMOVE THE INSTALLATION TOOL until the mounting plate and a cover plate are secured in position with 5/16" BSW CSK screws

7. FIT COVER PLATES

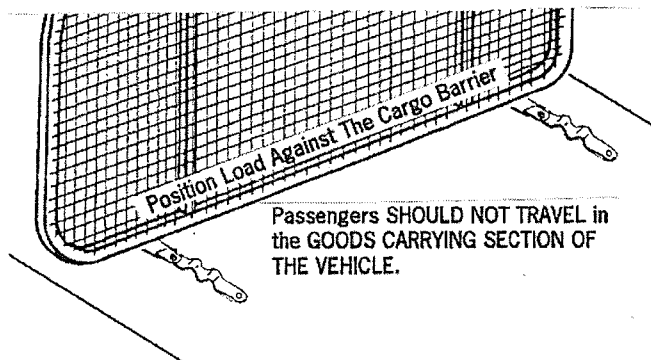


The fitting kit contains:

BLACK PLASTIC COVER PLATES 1.3 - used for all mounting positions.

To fit these, slide the cover plate over the 'eye' of the installation tool. With the outer holes aligned insert and tighten the 5/16" BSW CSK screws BEFORE REMOVING THE INSTALLATION TOOL by pulling on the 'eye'. Reset the ends to about 90 degrees for each installation.

8. FIT CARGO BARRIER



When the mounting and cover plates are secure, fasten the cargo barrier in position with the M10 Pan Head screws and wrinkle washers. It is suggested the top straps be fastened first.

CHECK that all bolts and nuts are tightened and RE-CHECK TENSION PERIODICALLY.

WHEN FITTING IS COMPLETE PLACE
'MILFORD SAFETY BARRIER INSTALLED'
STICKER INSIDE REAR WINDOW.

WARNING: Do not remove the Capacity Tag from the cargo barrier.

During a collision, moving cargo may damage the tether strap of a child restraint device or its anchorage.

As a result of an accident the cargo barrier may deform into the passenger space. If so, REPLACE THE CARGO BARRIER AND HAVE ANCHORAGE POINTS INSPECTED BY AUTHORISED PERSONNEL.

STRICT COMPLIANCE TO THESE INSTRUCTIONS ENSURES THIS PRODUCT WILL WITHSTAND THE LOAD RATING SPECIFIED ON THE CAPACITY TAG WHEN ATTACHED TO THE CARGO BARRIER.



Behind you all the way

Rees Operations Pty. Ltd. (a.c.n. 007 812 124) as trustees of the Rees Family Trust, trading as

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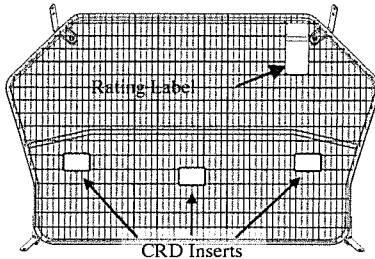
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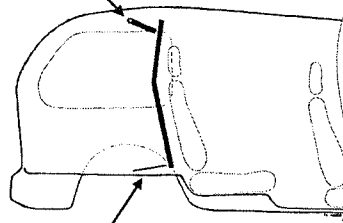


USER INSTRUCTIONS



Various combinations of fasteners may be included depending on the model of cargo barrier

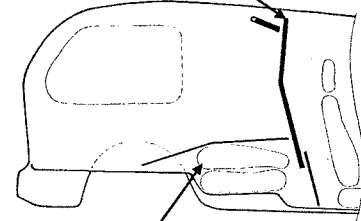
Rear Position Top Straps



Short Bottom Straps

Rear Position

Forward Position Top Straps



Long Bottom Straps

Front Position

Most Station Wagon and 4WD Cargo Barriers may be mounted in both positions while most Light Commercial Vehicle's have only single position capability. This Milford Cargo Barrier has been designed to protect the occupants from cargo carried within the load area in the event of the vehicle being involved in an accident or emergency stop.

MOUNTING THE CARGO BARRIER IN THE REAR POSITION

1. With the rear seats raised to the seating position (if applicable), stand the barrier against the seatback with the Rating Label of the Cargo Barrier facing towards the rear of the vehicle.
2. Extend the top straps to the centre hole of the rear position, top mount holes and secure with the fasteners provided to both sides of the vehicle.
3. The short bottom straps are then positioned on the floor mountings and secured with the fasteners provided.
4. Tighten and periodically check the tension of all fasteners.

MOUNTING THE CARGO BARRIER IN THE FRONT POSITION (If Applicable)

1. Consult the Vehicle Owners Handbook to extend the rear loading area.
2. Remove the fasteners holding the Cargo Barrier in the rear position.
3. Lift and angle the Cargo Barrier forward so that it stands on the leading edge of the lowered rear seat. **Note:** Some Cargo Barriers are positioned in front of the leading edge with the support leg extended to the transmission hump.
4. Locate the forward position top straps on the front position, top mount holes and secure with the fasteners provided to both sides of the vehicle.
5. Extend the long, bottom straps by releasing the Velcro or panduit ties.
6. Swivel the straps around to mount in the same position and secure using the same fasteners used to attach the Cargo Barrier in the rear position.
7. Tighten and periodically check the tension of all fasteners.

Child Restraints Devices (CRD)

Child Restraint / Tether Strap cut outs are supplied in most Station Wagon / 4WD Cargo Barriers. These CRD Inserts are installed into the mesh of the Cargo Barrier inline with the vehicle's child restraint mounting points. If your Cargo Barrier is not fitted with these Inserts they may be supplied along with installation instructions for you to install them.

Please note that Cargo Barriers for vehicles without child restraint anchorages are not supplied with these Inserts.

To use: unclip the cover on the Insert by lifting its bottom edge. This then allows you to attach the child restraint tether strap in accordance with the instructions provided in the Vehicle Owners Handbook.

If you require any further information or clarification regarding the fitment, use and care of your Cargo Barrier, please contact your regional Milford Specialist, Stockist or Distributor.

WARNINGS

- Do not remove the capacity plaque from the Cargo Barrier.
- Do not obstruct seat belts or child restraints, or their operation.
- Do not attach the Cargo Barrier to the vehicle using seat, seat belt or child restraint anchorages.
- Do not drill, rivet, adhere or attach objects to the Cargo Barrier.
- Do not modify the Cargo Barrier in any way.
- Do not use this Cargo Barrier in any other vehicle for which it is not designed.
- During a collision, moving cargo may damage the seat belts and the tether strap of a child restraint device or its anchorage. Load should not be in contact with webbing.
- When cargo is placed behind Cargo Barrier, it may damage child restraint anchorages and upper anchorage straps.
- Child restraints should not be used while cargo that could potentially damage the tether strap is being carried.
- Position the load against the Cargo Barrier.
- 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 anchorages inspected by a Milford Specialist.
- It is extremely dangerous to ride in the cargo area of the vehicle behind a Cargo Barrier. It is recommended that the Cargo Barrier be removed. In a collision, people or children riding unrestrained in this area are more likely to be seriously injured or killed.
- Never leave a child in the vehicle unattended, particularly in the rear cargo area. The rear cargo area should never be used as a play area for children.
- The Cargo Barrier may deform and significantly intrude into the occupant's space in an accident.

CAUTION

- Clean with soap and water only. Do not use solvents or chemicals. Discard Cargo Barrier if it becomes rusted.