



FITTING INSTRUCTIONS

Part Number: **3700050, 30, 10, 370 & 3700100/120/170 – 6 Leg & 3700080, 70, 60, 160, 40, 20 & 3700110/140/390 – 4 Leg**

Product **Roof Rack Fitting Kit 6 & 4 Leg**

Description:

WARNING

NOTE THE FOLLOWING:

- ◆ Vehicle accessories which are not properly fitted can be dangerous.
- ◆ Please read these instructions carefully prior to fitting, and comply with the instructions at all times
- ◆ If in any doubt please contact your nearest ARB state office or the stockist from whom it was purchased.
- ◆ Do not use this product for any vehicle make or model, other than those specified by ARB.
- ◆ This product or its fixing must not be modified in any way.
- ◆ The installation of this product may require the use of specialized tools and/or techniques
- ◆ It is recommended that this product is only installed by trained personnel
- ◆ These instructions are correct as at the publication date. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer
- ◆ During installation, it is the duty of the installer to check correct operation/clearances of all components
- ◆ Work safely at all times
- ◆ Unless otherwise instructed, tighten fasteners to specified torque

ARB 4x4 ACCESSORIES

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SAFETY

NOTE THE FOLLOWING:

Your ARB Roof Rack has a maximum carrying capacity of 150kg for the 6 leg model and 100kg for the 4 leg model. This load should not be exceeded and all loads must be tied down securely. If you have a cage with mesh fitted, secure the load to the main framing of the cage as well as the mesh.

It is important to follow the listed usage instructions;

- ◆ The vehicle owner's manual should be consulted prior to loading the roof rack as the manufacturer's recommended maximum load for the vehicle's roof may be less than the maximum load specified for the roof rack.
- ◆ Load must be evenly distributed and adequately secured.
- ◆ Any weight carried on the roof of the vehicle will adversely affect its handling, particularly in cornering or in a cross-wind, the vehicle should therefore be driven with increased discretion.
- ◆ Regularly check the tightness of the securing clamps and the security of the load.
- ◆ Attention is directed to statutory requirements regarding maximum permissible projections from vehicles.

All bolts should be checked prior to touring to ensure the rack is fastened correctly

GENERAL CARE AND MAINTENANCE

By choosing an ARB Roof Rack, you have bought a product that is one of the most sought after 4WD products in the world. Your Roof Rack is a properly engineered, reliable, quality accessory that represents excellent value. To keep your Roof Rack in original condition it is important to care and maintain it following these recommendations:

- Prior to exposure to the weather your Roof Rack should be treated to a Carnauba based polish on all exposed surfaces. It is recommended that this is performed on a six monthly basis or following exposure to salt, mud, sand or other contaminants.
- As part of any Pre Trip Preparation, or on an annual basis, it is recommended that a thorough visual inspection of the Roof Rack is carried out, making sure that all bolts and other components are torqued to the correct specification. Replace any components as necessary.

Please contact local Authorised ARB Stockist if you would like to have this service carried out on your behalf.

FITTING REQUIREMENTS

REQUIRED TOOLS FOR FITMENT OF PRODUCT:

10mm spanner x 2	13mm spanner x 1
Tape (any type)	Hex Key (supplied in kit)

NOTE: 'WARNING' notes in the fitting procedure relate to OHS situations, where to avoid a potentially hazardous situation it is suggested that protective safety gear be worn or a safe work procedure be employed. If these notes and warnings are not heeded, injury may result.

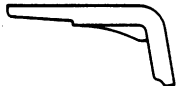
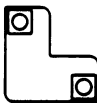
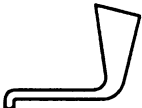
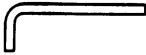
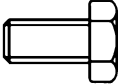
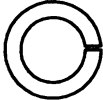
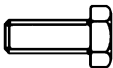
FASTENER TORQUE SETTINGS:

SIZE	Torque Nm	Torque lbft
M6	9Nm	7lbft
M8	22Nm	16lbft
M10	44Nm	32lbft
M12	77Nm	57lbft

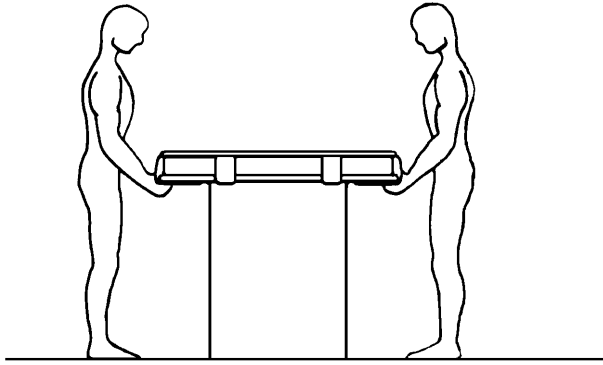
PARTS LISTING

Cage Kit

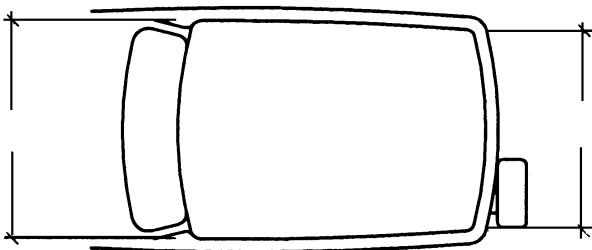
DESCRIPTION	PART NO.	QTY	DIAGRAM
Cage (Standard or Trade) (6 leg model shown)		1	 
Gutter Runner		2	

PARTS LISTING				
Fitting Kit				
DESCRIPTION	PART NO.	QTY 6 LEG	QTY 4 LEG	DIAGRAM
Leg		6	4	
Bolt Plate	3193522	6	4	
Foot	6317624 OR 6317656	6	4	
Clamp (for standard vehicle fitment) Clamp (for GU vehicle fitment)	6582021 / 6582531 OR 6582449	6	4	
Rubber Clamp Cover	4601019	6	4	
Hex Key	6151264	1	1	
M8 x 30mm Socket head bolt	6151184	18	12	
M8 x 16mm Hex head bolt	6151020	12	8	
M8 flat washer stainless steel	4581081	30	20	
M8 spring washer stainless steel	4581094	24	16	
M6 x 16mm Hex head bolt	6151017	6	4	
M6 Flat washer	6151046	6	4	
M6 Flange nut	6151128	6	4	
Support Plate	3193757	6	4	

FITTING PROCEDURE

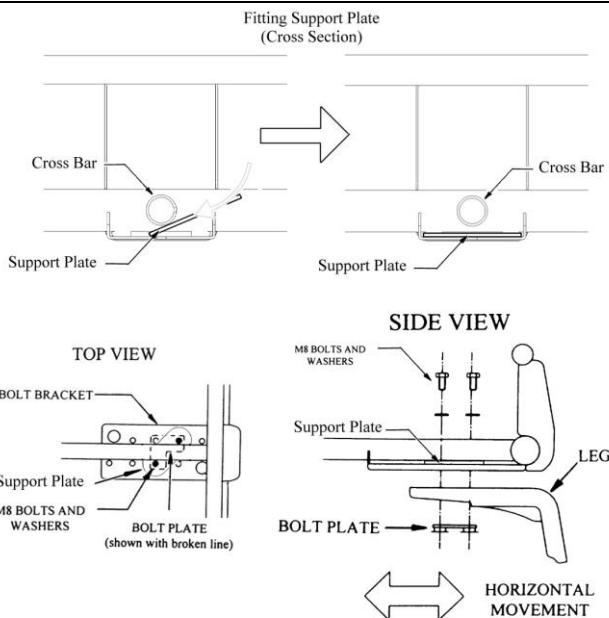


1. Place the cage on a stand, base down as it will be on your vehicle. Refer to diagram.



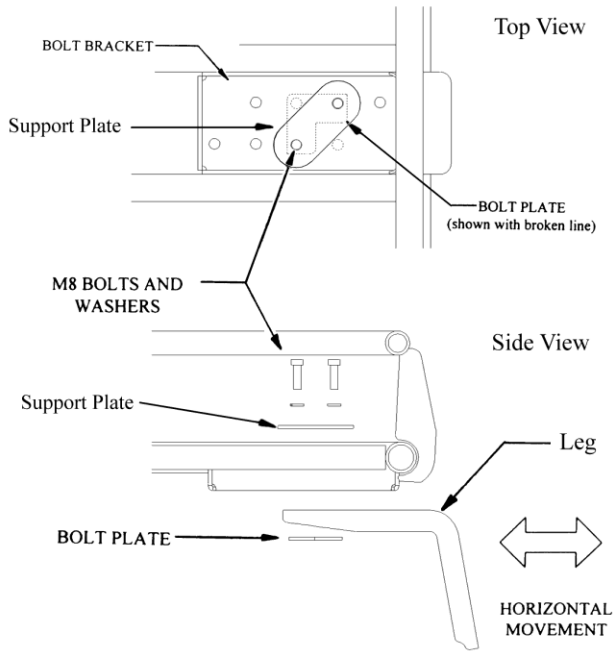
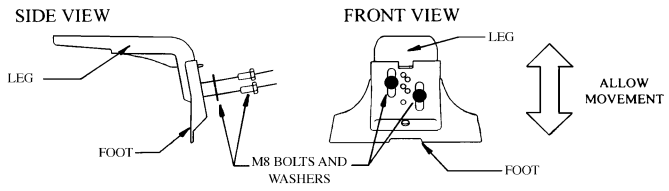
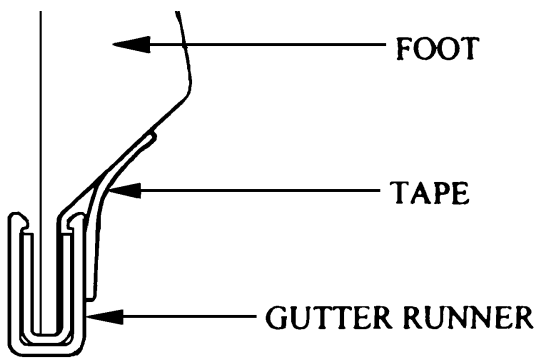
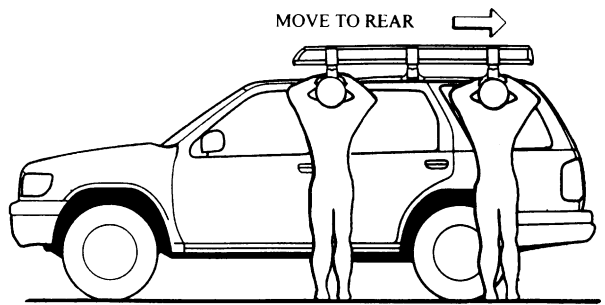
2. The cage comes in 3 differing widths, 1120mm, 1250mm or 1350mm, your cage's width is labelled clearly on the outside of the cage packaging. Using a tape measure, take approximate width measurements of the roof gutters front and rear, and record.

If fitting a steel rack go to step 3
If fitting an Alurack go to step 4

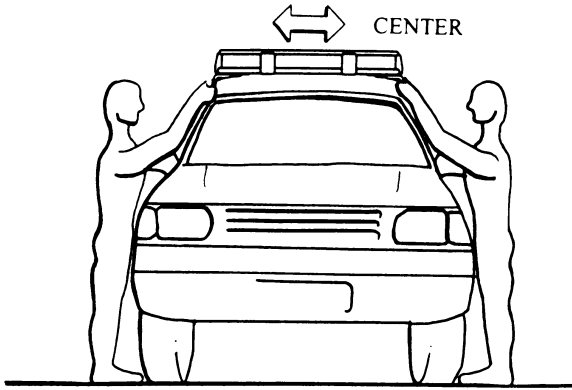


3. Slide the support plate between the bolt bracket and the crossbar tube. Referring to the recorded roof gutter measurements, the legs can then be fastened to the cage in their approximate positions by passing the M8 x 30mm socket head bolts with the M8 spring washers and M8 flat washers through each support plate, bolt bracket and leg into the bolt plates captive nuts. Do not fully tighten, allowing the leg to move horizontally within the two large slots.

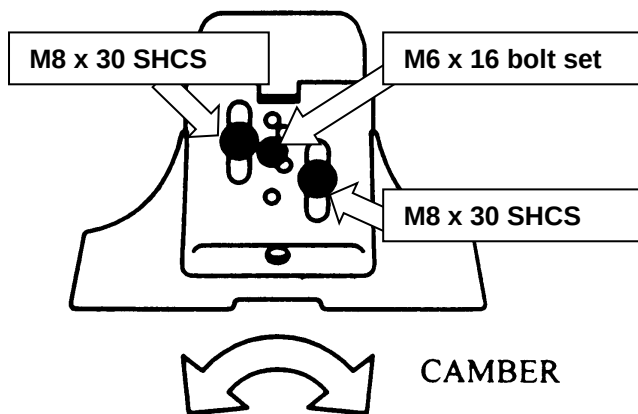
FITTING PROCEDURE

 <p>Top View</p> <p>Support Plate</p> <p>BOLT BRACKET</p> <p>M8 BOLTS AND WASHERS</p> <p>BOLT PLATE (shown with broken line)</p> <p>Side View</p> <p>Leg</p> <p>BOLT PLATE</p> <p>HORIZONTAL MOVEMENT</p>	<p>4. Place the support plate on top of the bolt bracket. Referring to the recorded roof gutter measurements, the legs can then be fastened to the cage in their approximate positions by passing the M8 x 30mm socket head bolts with the M8 spring washers and M8 flat washers through each support plate, bolt bracket and leg into the bolt plates captive nuts. Do not fully tighten, allowing the leg to move horizontally within the two large slots.</p>
 <p>SIDE VIEW</p> <p>LEG</p> <p>FOOT</p> <p>M8 BOLTS AND WASHERS</p> <p>FRONT VIEW</p> <p>LEG</p> <p>FOOT</p> <p>ALLOW MOVEMENT</p>	<p>5. Fasten a foot to each leg (in its highest position) by passing M8 x 16mm hex head bolts and M8 washers through the foot slots into the captive nuts in the leg. Do not fully tighten, allowing movement</p>
 <p>FOOT</p> <p>TAPE</p> <p>GUTTER RUNNER</p>	<p>6. The gutter runner provided then fits directly onto the feet. To avoid scratching your vehicle during installation it is simplest to temporarily tape the gutter runner to the feet as shown.</p>
 <p>MOVE TO REAR</p>	<p>7. Once these procedures have been followed the rack can be lifted into position on your vehicle. It is advisable to use 4 people to do this. The rack should be positioned with the gutter runner in the vehicle gutter. Position the rack to the rear of the vehicle as shown, this will assist in reducing wind noise whilst driving. (6 leg model shown)</p>

FITTING PROCEDURE



8. At this stage it is best to step back and view whether the rack is centred. As the width adjustment is not fully tightened the cage should be moved until it is centred over the vehicle. Refer to diagram shown



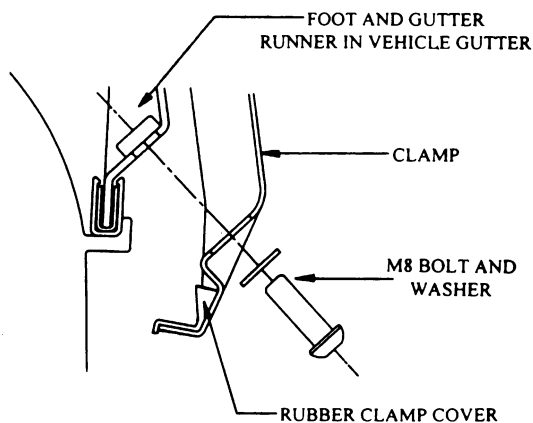
9. The feet should then be angled to the camber of the vehicle gutter
10. Fit the M6 x 16 bolt, washer and flange nut set to one of the available positions as shown (NOTE: this pins the assembly in position)
11. Then tighten M6 and M8 fasteners.
12. The bolts connecting the legs to the bolt brackets can now be fully tightened to fix the width adjustment.



Torque M6 to 9Nm



Torque M8 to 22Nm



13. To complete the fitment of the rack place the rubber clamp covers onto the clamps. Fasten the rack to the vehicle gutters using the rubber covered clamps and M8 x 30mm socket head bolts and washers. The bolts pass through the slots in the clamps into the captive nuts in the feet. This pulls the clamps both up and into the vehicle gutter. Excessive over tightening of these bolts may result in damage to the vehicle gutter.



Torque M8 to 22Nm