



FITTING INSTRUCTIONS

Part 3768010
Number: FITTING KIT No: 6172398
Description: Hummer H3 Roof Rack Mount Kit
Suitable Roof Rack No.'s: 3800020, 3800020M

WARNING

- ◆ This product must be installed exactly as per these instructions using only the hardware supplied.
- ◆ Do not use this product for any vehicle make or model, other than those specified by ARB.
- ◆ Do not remove labels from this product.
- ◆ 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

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FITTING REQUIREMENTS

Max load SAFETY

Your ARB Roof Rack has a maximum carrying capacity of 150kg. 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;



- a) 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.
- b) Load should be evenly distributed and adequately secured.
- c) 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.
- d) Regularly check the tightness of the securing clamps and the security of the load.
- e) 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.

REQUIRED TOOLS FOR FITMENT OF PRODUCT:

T30 TORX Key	4 and 6mm Ball End Allen key (supplied)
Sealant non acetic (optional)	Nut plate insertion tool (supplied)
Flat blade screwdriver	

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

Protective eyewear		Hearing protection	
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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			
WHERE USED	PART No	QTY	DESCRIPTION
SUPPORT RAILS TO ROOF	3757642L	1	Roof rack mounting rail LH
	3757642	1	Roof rack mounting rail RH
	6151265	1	Allen key M4 ball type
	6151312	10	M6 x 25 SS Button Head Cap Screws
	4581304	10	M6 SS Washers
	4581305	10	M6 SS Spring Washers
ROOF RACK CAGE TO MOUNTING RAILS	6151184	12	M8 x 1.25 x 30mm socket head cap screw
	4581081	12	M8 flat washer stainless steel
	4581094	12	M8 spring washer stainless steel
	3193522	6	Bolt plate assembly
	3193757	6	Support Plate
	6151264	1	Allen key M6 ball type
	3194158	1	Tool Nut Plate Insertion

REMOVAL OF EXISTING ROOF CHANNEL COVERS OR ROOF BARS



1. Using a flat blade screw driver, remove the 2 plastic rail caps from the front of the left and right mounting cavities.



2. Using a T30 Torx key, remove the 5 screws from each factory roof rail.
3. Remove all plastic clips and remove the rail from the rail cavity. Discard the rails, plastic clips and Torx screws as they are no longer required.

Note: The plastic clips may need to be destroyed to be removed. You will be able to lift the main plastic trim up once the Torx screws are un-done enabling you access to the bottom of the plastic clips.

REMOVAL OF EXISTING ROOF CHANNEL COVERS OR ROOF BARS

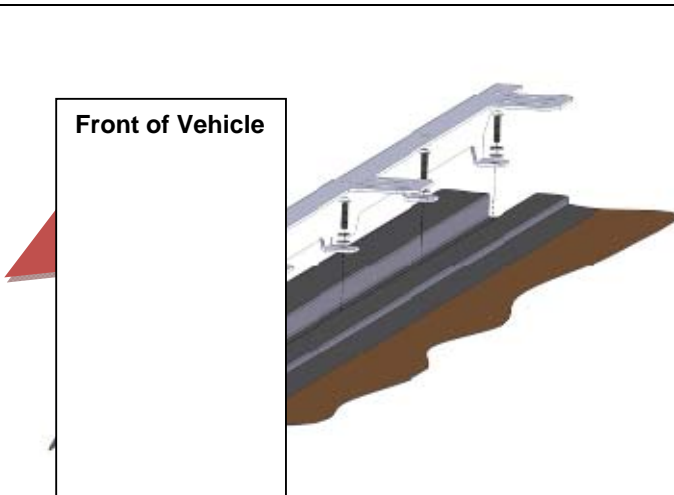


4. Return the 2 plastic rail caps to where they were taken from. These will be held in place by the roof rack brackets.



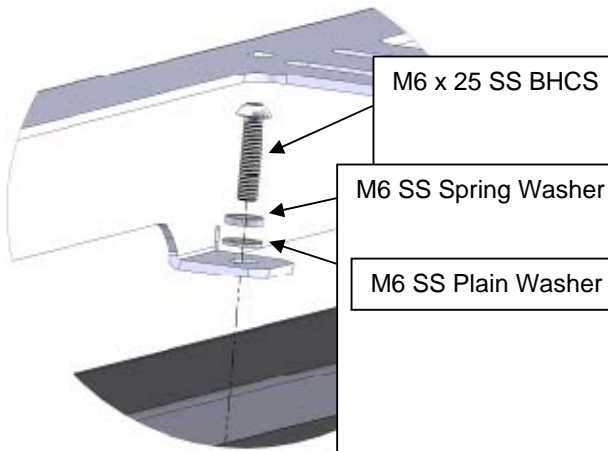
5. Place the roof rack brackets (3868010R/L) in the roof rail cavities with the "H3" cut-out's at the front of the vehicle.

FITTING MOUNTING RAILS



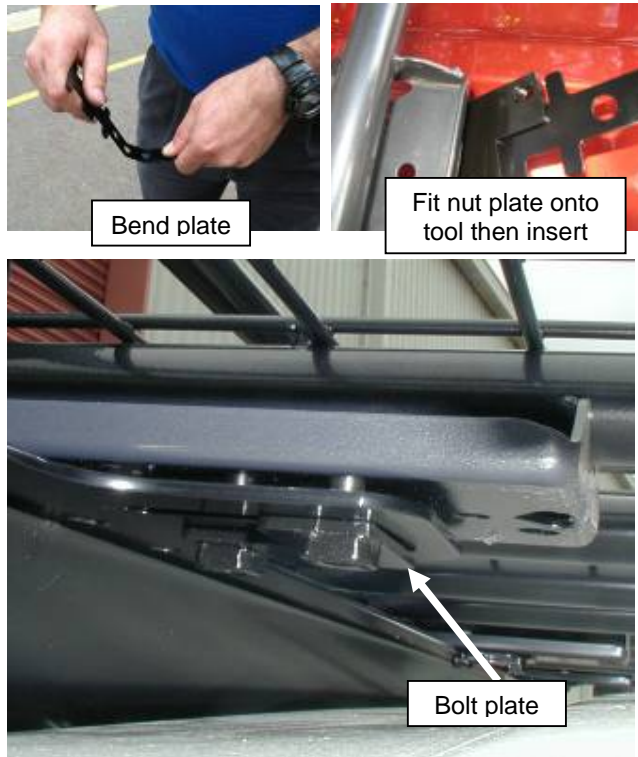
6. The mount rails are attached using a Stainless Steel (SS) M6x1 Button Head Cap Screw (BHCS) with a SS M6 spring washer and an SS M6 plain washer in each of the 5 holes in each side of the vehicle.

FITTING MOUNT RAILS



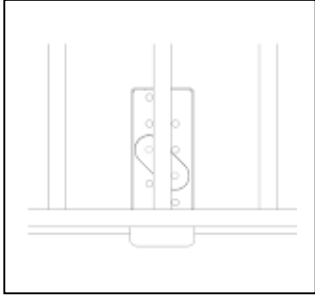
7. With the two mounting rails in place, tighten all 10 cap screws using the M4 Allen key provided in the fitting kit.

RACK

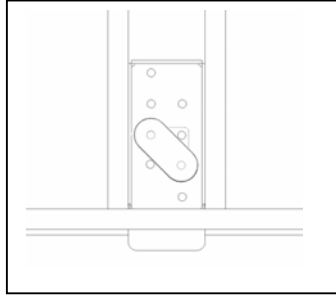


8. With the help of three other people, carefully place the roof rack on the mounting rails and line up the holes in the mounting rails with the holes in the roof rack.
9. *To aid in the process of fitting the 'L' shaped nut plate an inserting tool is provided in the fitting kit.*
10. Bend the handle of the tool so it will allow the nut plate sitting on the tool located as shown to fit through the access point in the roof rack and allow the nut plate to be in the correct position for bolting.

FITTING ROOF RACK



Top view steel rack



Top view Alurack

HINT: When removing your roof rack the cap screw threads are coated in thread lock, so undo each screw but don't fully remove initially to prevent the bolt plate from rotating until the other bolt is loosened

11. **If fitting a steel rack;** fix the roof rack to the mounting rails by first sliding the support plate between the cross bar tube and the bolt bracket, then hold the bolt plate underneath the leg and pass the M8 x 30mm SHCS with spring washers and plain washers down through the support plate, the cage and the slots in the mounting rails. **Do not tighten bolts.**

12. **If fitting an Alurack,** first place the support plate on the bolt bracket then fix to the mounting rails as above.

13. With all the bolts in place, align the roof rack centrally on the vehicle. **Tighten the cap screws to specifications.**

ROOFRACK ON VEHICLE



Note: Roof rack shown with optional IPF-840 driving lights.