



FITTING INSTRUCTIONS

Part Number: 3734010 FITTING KIT No: 6172494

Description: MITSUBISHI PAJERO NS ROOF RACK MOUNT RAIL KITS
Suitable Roof Rack No.'s: 3800010, 3800010M, 3800040, 3800040M

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 100kg. 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:

Basic tool kit	6mm Ball End Allen keys (supplied)
Sealant non acetic	Nut plate insertion tool (supplied)
Allen (Hex) Key Set Metric	

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

Protective eyewear	
Hearing protection	

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	3757752L	1	Roof rack mounting rail LH
	3757752R	1	Roof rack mounting rail RH
	6151312	2	M6 x 25 SS Button Head Cap Screws
	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 bars and track preparation



1. Remove end caps from original rails to expose M6 bolts. (2 per end)



2. Open rear passenger doors and remove trim surround and grab handles.
3. Lightly pull roof lining down.
4. Locate M6 nut holding centre mount in place and remove. *Retain for future use.*
5. Remove all other bolts holding rail to vehicle and remove rail.

NOTE: ON VEHICLES EQUIPPED WITH REAR AIR IT WILL BE NECESSARY TO REMOVE ROOF LINING COMPLETELY. HANDLE SIDE CURTAIN AIR BAGS WITH CARE.

Removal of existing roof bars and track preparation



6. Before fitting new mounts remove the raised mouldings using a die-grinder or similar tool making sure to clean M6 hole after doing so.

Fitting roof rack mount rails



7. Before placing rails on roof bend front tags down slightly as shown in the photo.
8. Clean around centre M6 mounting hole in each position then place a small ring of non acetic sealant around the hole.



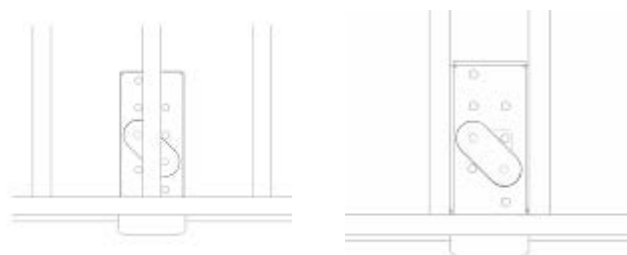
9. Place rails on roof and attach using original M6 bolts.

Fitting roof rack mount rails



- Fasten centre points using M6 stainless cap screw, spring washer and original M6 'cone lock' nut. Re-fit interior.

Fitting roof rack



Top View Steel Rack

Top View Alurack

- 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.

- To aid in the process of fitting the 'L' shaped nut plate an inserting tool is provided in the fitting kit.

- 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.

- If fitting a steel cage;** 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 (using the supplied tool if required) and pass the M8 x 30mm SHCS with washers down through the support plate, the cage and the slots in the mounting rails. **Do not tighten cap screws.**

- If fitting an Alurack;** place the support plate on the bolt bracket then fix to the mounting rails as above. **Do not tighten cap screws.**

Fitting roof rack

16. Check that the roof rack is positioned evenly on the roof and tighten all cap screws to the specified torque.

Final product on vehicle

