



# FITTING INSTRUCTIONS

Part Number: 3746010 / 3746013 Fitting Kit No. 6172199

Description: MITSUBISHI TRITON 06 ON

## WARNING

- ◆ This product must be installed exactly as per these instructions using only the hardware supplied.
- ◆ In the event of damage, contact your nearest authorised ARB stockist.
- ◆ Do not use this product for any vehicle make or model, other than those specified by ARB.
- ◆ Do not remove labels.
- ◆ 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

**CAUTION: BEFORE COMMENCING THE FITTING PROCESS, CHECK IF THE VEHICLE HAS SIDE CURTAIN AIRBAGS. THEY WILL BE LOCATED ABOVE THE ROOF LINING OVER THE DOOR OPENINGS. DURING THE FITTING PROCESS THE AIR BAG CURTAINS DO NOT NEED TO BE REMOVED AND GREAT CARE MUST BE TAKEN NOT TO DAMAGE THE AIR BAG IN ANY WAY.**

**THIS ROOF RACK SYSTEM IS COMPATIBLE WITH SIDE AIRBAG SYSTEMS.**

**[www.arb.com.au](http://www.arb.com.au)**

Corporate Head Office

42-44 Garden St  
Kilsyth, Victoria  
AUSTRALIA 3137

Tel: +61 (3) 9761 6622  
Fax: +61 (3) 9761 6807

# **SAFETY**

## **NOTE THE FOLLOWING:**

Your ARB Roof Rack has a maximum carrying capacity of 75kg. 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

## **FITTING REQUIREMENTS**

### **REQUIRED TOOLS FOR FITMENT OF PRODUCT:**

<b>Metric socket set</b>	<b>Non acidic silicon (neutral cure)</b>
<b>Blade and Phillips head screw drivers</b>	<b>Drill, 3.5 &amp; 6.5mm drill bits</b>
<b>Metric Allen key set up to 6mm</b>	<b>Scissors or sharp knife</b>

### **HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:**

<b>Protective eyewear</b>		<b>Hearing protection</b>	
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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:**

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

<b>PARTS LISTING</b>			
<b>APPLICATION.</b>	<b>PART NO.</b>	<b>QTY</b>	<b>DESCRIPTION</b>
MOUNTING FEET TO ROOF	6317629	4	Dual cab roof rack mounting block
	6151394	8	Screw button head M6 x 30mm S/S
	5846272	4	Roof rack rubber packer
	3193759	4	Clamp plate dual cab roof rack
	6151046	8	Flat washer M6
	6151162	8	Nyloc nut M6
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">3756972 L&amp;R SUPPLIED WITH 3746010</div> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">3756973 L&amp;R SUPPLIED WITH 3746013</div> ROOF RACK TO MOUNTING FEET	<i>3756972R</i>	<i>1</i>	<i>Roof rack mount rail Triton deluxe</i>
	<i>3756972L</i>	<i>1</i>	<i>Roof rack mount rail Triton deluxe</i>
	<i>3756973R</i>	<i>1</i>	<i>Roof rack mount rail Triton trade</i>
	<i>3756973L</i>	<i>1</i>	<i>Roof rack mount rail Triton trade</i>
	3193522	4	Roof rack bolt plate
	6151263	8	Bolt M8 x 20 socket head S/S
	6151295	4	Bolt M8 x 20 button head S/S
	4581081	12	Washer flat M8 S/S
	4581094	12	Washer spring M8 S/S

## HEADLINING REMOVAL



1. Remove the sun visors and the front and rear grab handles.



2. Remove the plugs on the driver's side of the vehicle, where there is no grab handle.



3. Remove the front centre light / sunglass holder unit.



4. Remove the interior light.

## HEADLINING REMOVAL



5. Remove the rear plugs holding the roof liner.



6. Remove the front and rear top seatbelt mounts.



7. Pull down the door seals so the interior trim can be removed.



8. Remove the plastic trim from the front, middle and rear pillars on each side of the vehicle. They can simply be pulled away to be released from their mounting clips.

## HEADLINING REMOVAL



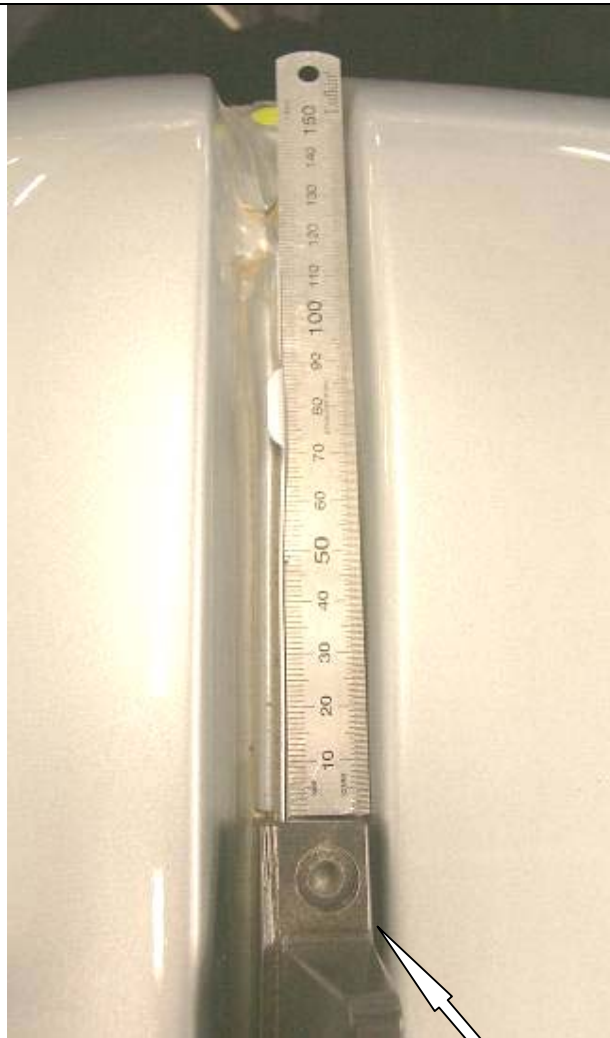
9. Carefully lower the headlining as shown in the adjacent diagram. It does not need to be totally removed from the vehicle.



10. Unclip the exterior roof trim from both sides of the vehicle. Take care not to bend the trim, as it will be reused.

The trim extends all the way from the rear corners of the vehicle, as shown in this photo, and down the front pillar adjacent to the front windscreen.

## FITTING PROCEDURE



11. Position the rear mounting block as shown. Use a 150mm steel ruler to locate the mounting block 70mm from the clip as shown.



12. Remove the panel sealer, as shown on the adjacent diagram, at the block location so that the rack-mounting block sits neatly in place. Take care not to damage the paint.

13. Reposition the mounting block and use it as a template to drill through the roof of the vehicle with a 6.5mm drill bit.

14. Once the first hole is drilled, fasten the block to the roof with a M6 x 30 pan head bolt and nyloc nut. Next, drill the second mounting hole for this block.

## FITTING PROCEDURE



15. With the rear mount blocks still bolted in position, attach the roof rack mounting rails using the M8 pan head bolts. Next, use the mount rails to locate the front rack mounting blocks as shown on the adjacent photo and use a felt tip pen to mark this position.

16. Remove the mounting rail and similarly to step 12, use the roof rack mounting block as a template to drill through the roof of the vehicle with a 6.5mm drill bit.

17. Having drilled the first hole, fasten the block to the roof with a M6 x 30 pan head bolt and nyloc nut. Proceed to drill the second mounting hole for this block.



18. Once all eight holes have been drilled, unbolt the rack mounting blocks. Next, remove all burrs and sharp edges from the eight holes that have been drilled.

19. Paint the holes with rust prevention paint.

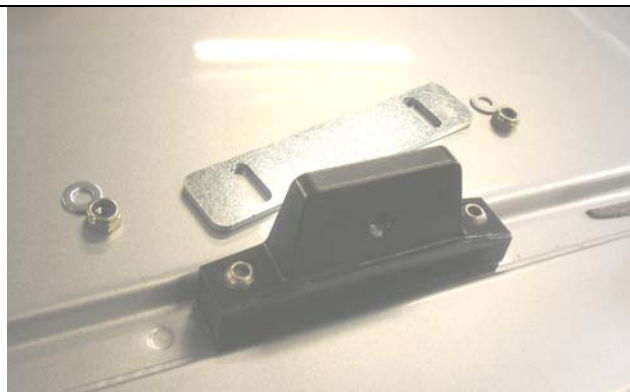


20. Cut the rubber packers to suit the mount blocks.

21. Apply a small amount of silicon on both sides of the rubber packer, only at the holes. Also apply a small amount of silicon to the underside of the screw heads of the M6 x 30 button head screws.



## FITTING PROCEDURE



22. Place the rubber packer on the vehicle roof first, then the black steel spacer and last the roof rack mounting block. Feed the M6 x 30 button head bolts through the vehicle roof.
  23. On the underside of the roof fit the clamping plate, flat washers and nyloc nuts and tighten the bolts securely.
- Use the same hardware for all four rack-mounting blocks.



24. Cut the roof trim that was removed earlier at step 8 to fit neatly around the roof rack mounting blocks. There will be six pieces in total for both sides of the roof.
25. Reattach the roof trim to fit around the rack mounting blocks.



26. Fasten the mounting rails to the mounting blocks with M8 x 20mm button head screws, spring washers and flat washers and tighten.

NOTE: The adjacent photo displays the mount rail for the deluxe roof rack, which has the roof rack mounting flange facing inwards on the roof. As the trade rack is wider than the deluxe rack the mount rail faces outwards when mounted correctly on the vehicle. Also, take care to ensure these rails are fit correctly. On this vehicle, the mount rail has a different shape at the front as compared to the rear, as shown on the adjacent photo.

## FITTING PROCEDURE



27. With the assistance of another person, lift the roof rack onto the vehicle and position evenly.



28. Fix the roof rack in place using eight M8 x 20mm socket head cap screws, M8 spring washers, M8 flat washers and four bolt plates. Tighten all bolts.
29. Carefully re-install the interior and all the fittings in the reverse order to which they were removed.