

August 2009 Production PRADO 5dr.  
**Alloy Tray 1510 to suit Aero Rack.**  
 Installation Instructions.



Accessory Part No. PZQ30-60195.

Place these instructions in vehicle's glove box after installation is complete. Installation time: Approx. 40mins

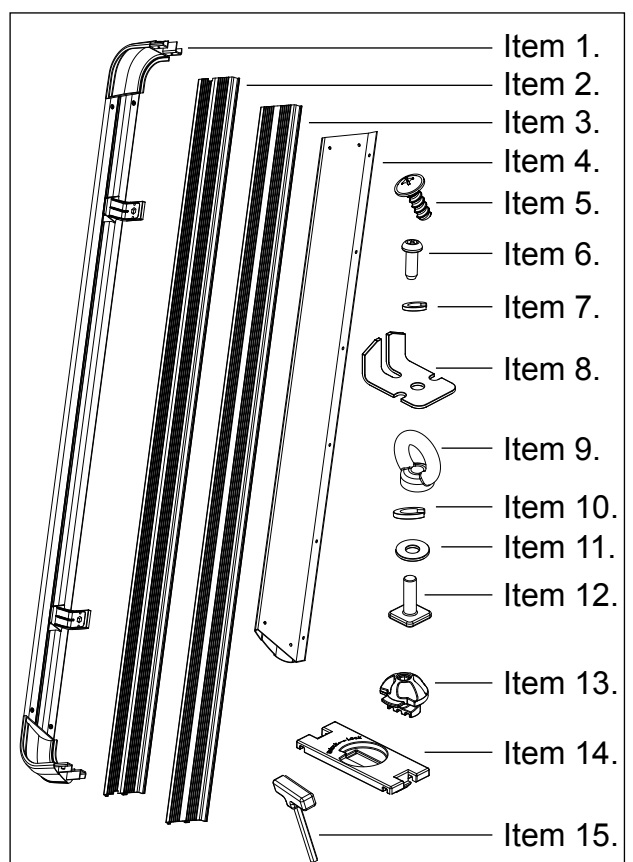
**Important: Please read these instructions carefully prior to installation.**

Important: Check contents of kit before commencing fitment. Report any discrepancies.

### Parts List

Maximum carrying capacity: 62kg

Item	Component Name	Qty	Part No.
1	Side rail assembly.	2	PZQ30-60195AT
2	Plank extrusion (2 slots).	2	
3	Plank extrusion (no slots).	2	
4	Front/Rear rail.	2	
5	1/4 x 18mm flange screw.	8	
6	M6 x 16 security screw	8	
7	M6 spring washer	8	
8	Metal bracket.	4	PZQ30-60165SP
9	M8 eye nut	4	PZQ30-60195AK
10	M8 spring washer	4	
11	M8 flat washer	4	
12	M8 x 30mm square head bolt	4	
13	Securing knob	6	PZQ30-60195LT
14	Securing lock tab plate	6	
15	5mm security allen key	1	PZQ30-00030
16	Fitting Instruction.	1	PZQ30-60195FI

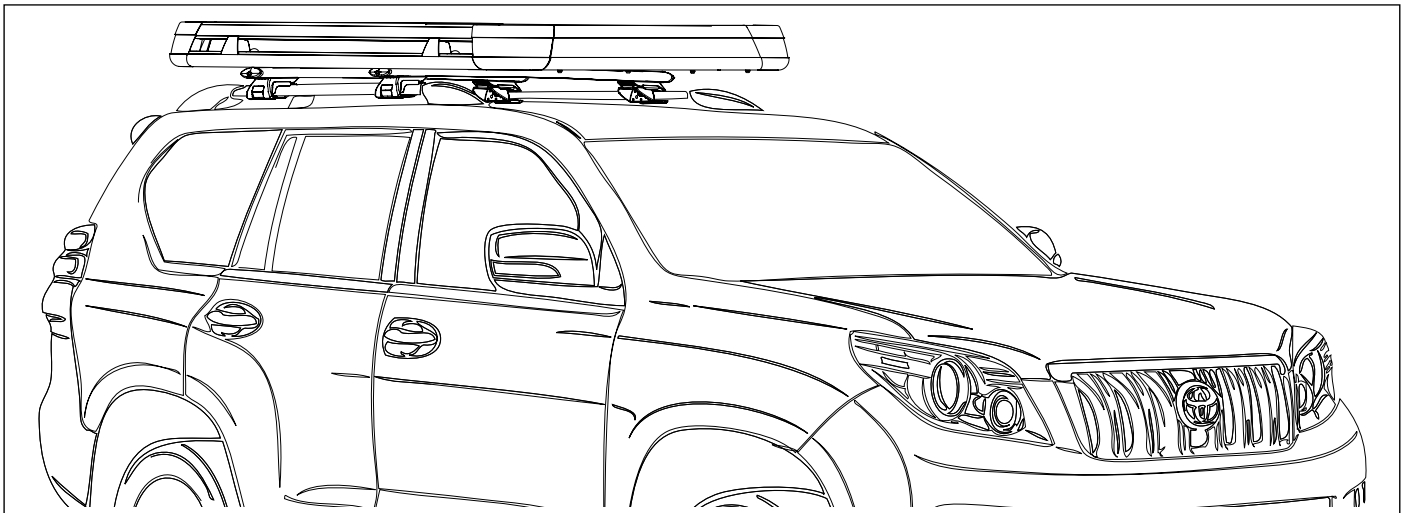


### Tools Required:

Security key, included in kit. Phillips head screwdriver.  
 Tape measure.

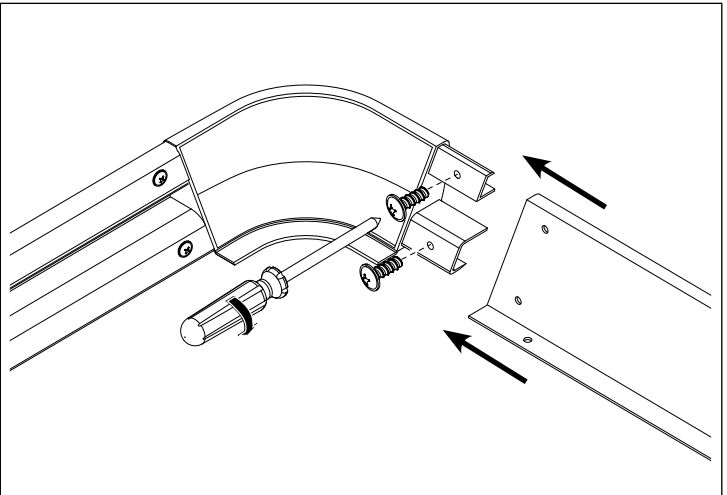
### IMPORTANT Care Instruction:

Wash Aero racks before fitting Alloy Tray.



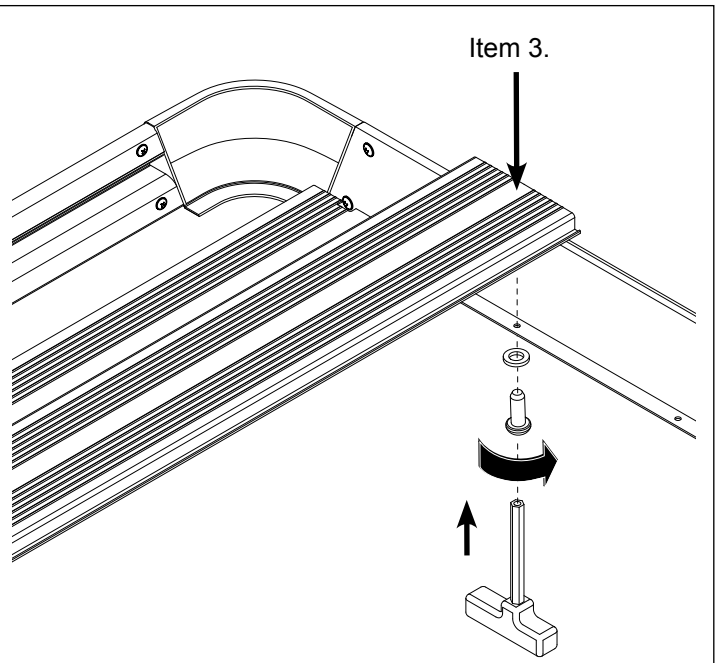
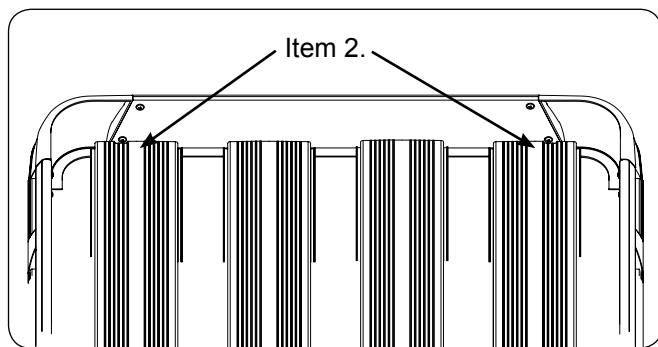


- 1** Slide the front and rear rail extrusions onto the plastic corner moulding of the side rail assembly. Fasten together using the  $\frac{1}{4}$  x 18mm flange head screws.



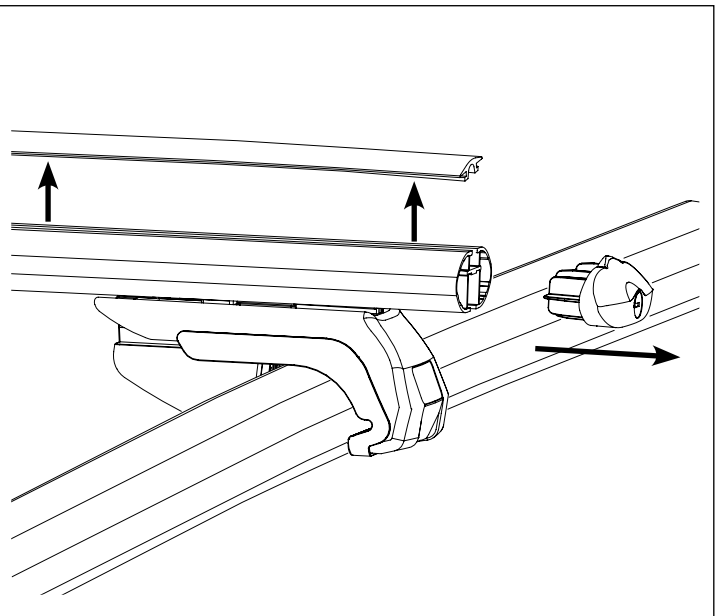
- 2** Attach the plank extrusions to the front and rear rails extrusions. Fasten each plank with two M6 security bolts and two spring washers using the allen key provided.

NOTE: Item 2 (plank extrusion 2 slots) to be positioned on the left and right hand side of the tray to clear  $\frac{1}{4}$  x 18mm flange screws.



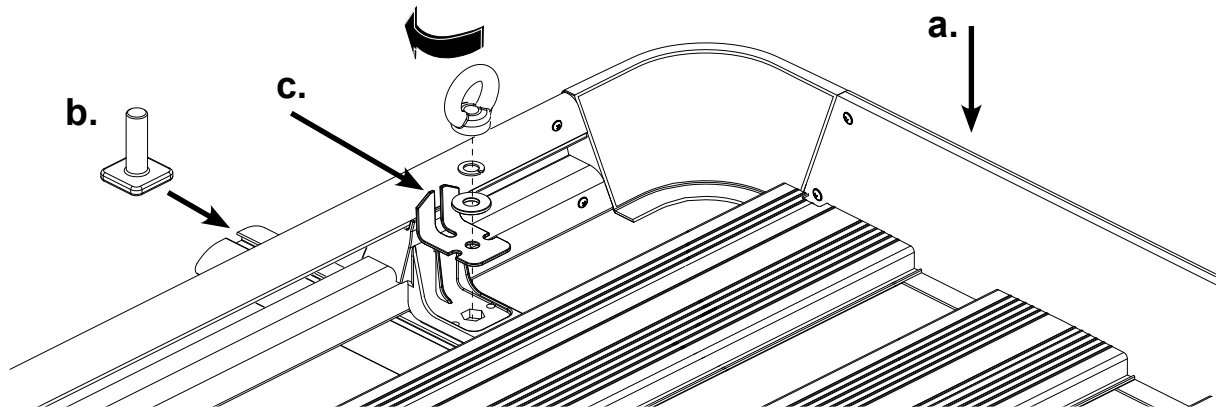
- 3** Remove both rubber buffer strips and all four end caps.

NOTE: Store the rubber buffer strips for later use when the alloy tray is removed.



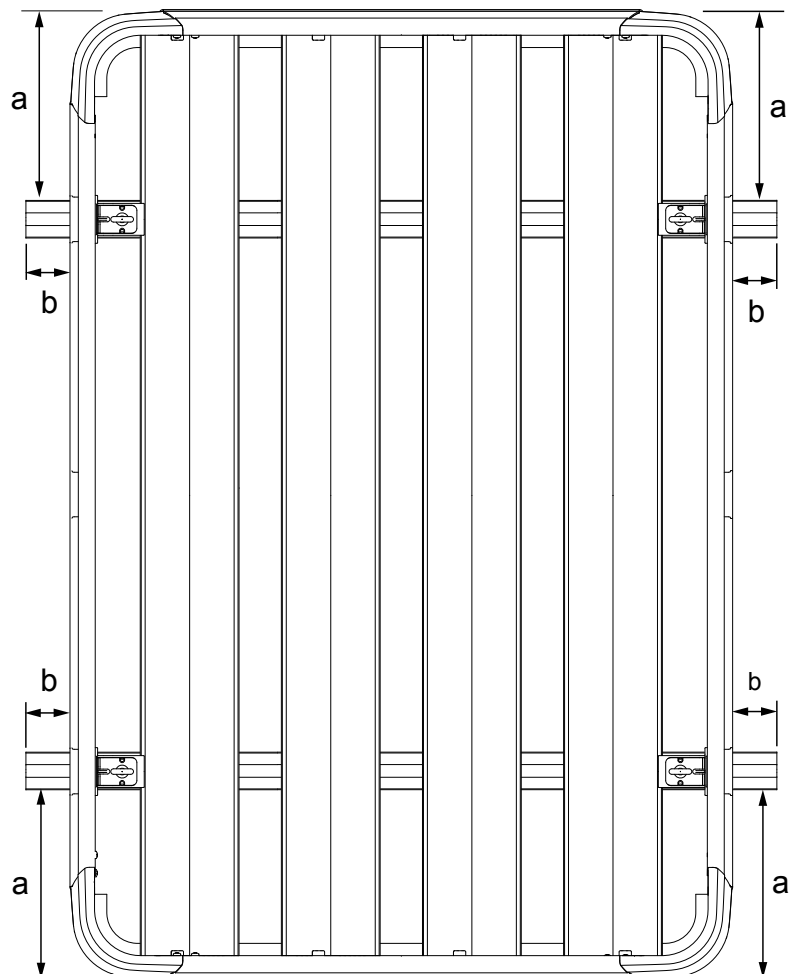
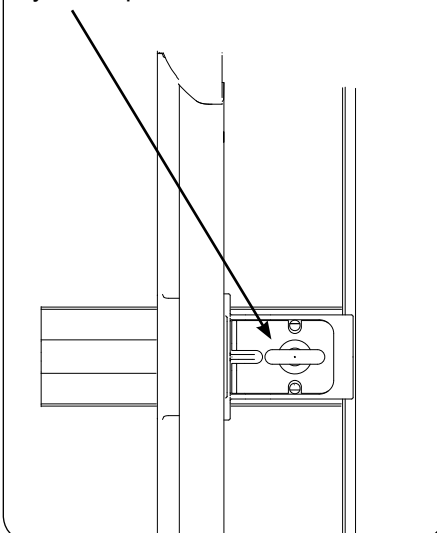


- 4**
- Sit the alloy tray on top of the aero racks.
  - Slide an M8 x 30mm square head bolt into each end of each cross bar. You will have to lift the alloy tray and slide the M8 bolts under so they locate through the plastic housings.
  - Place a metal bracket on each plastic side rail housing. Assemble flat washer, spring washer and M8 eye nut onto each square head bolt. Leave the eye nuts loose to position alloy tray.



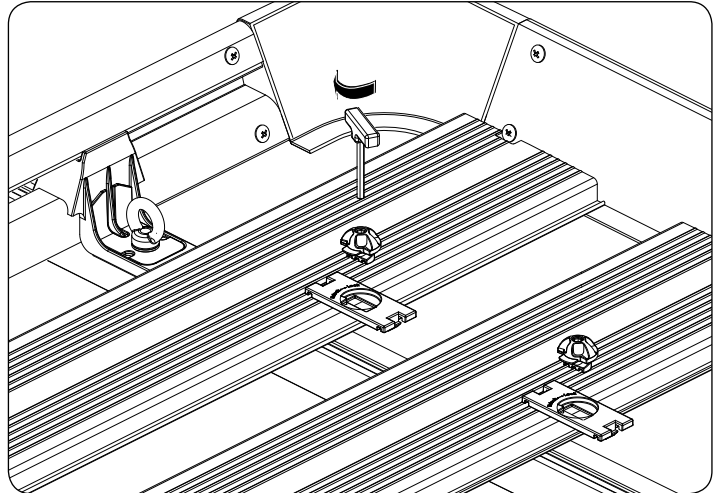
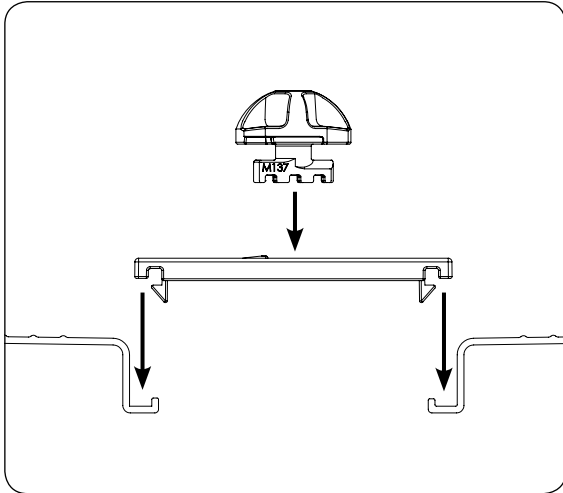
- 5**
- Adjust the alloy tray on the cross bars so that; All dimensions marked 'a' are equal. All dimensions marked 'b' are equal also. Tighten the eye nuts to secure the alloy tray to the cross bars. Ideally the eye nuts should be sit parallel to the cross bars when tight.

Eye nuts parallel to the cross bars.

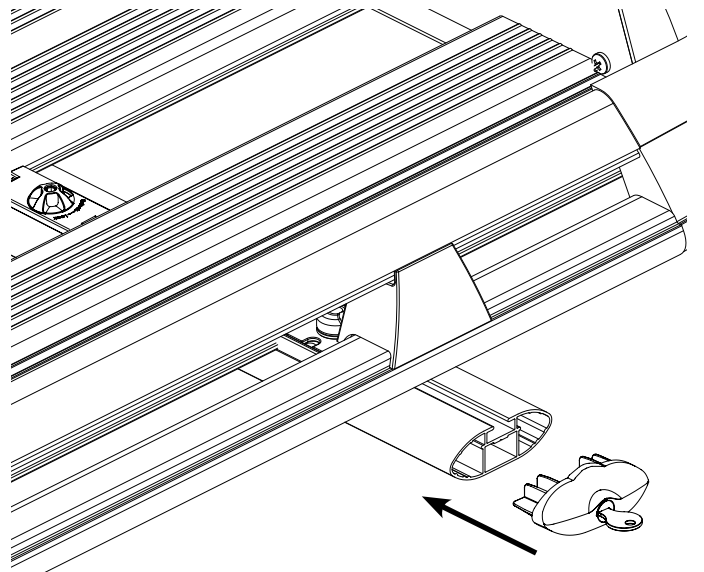




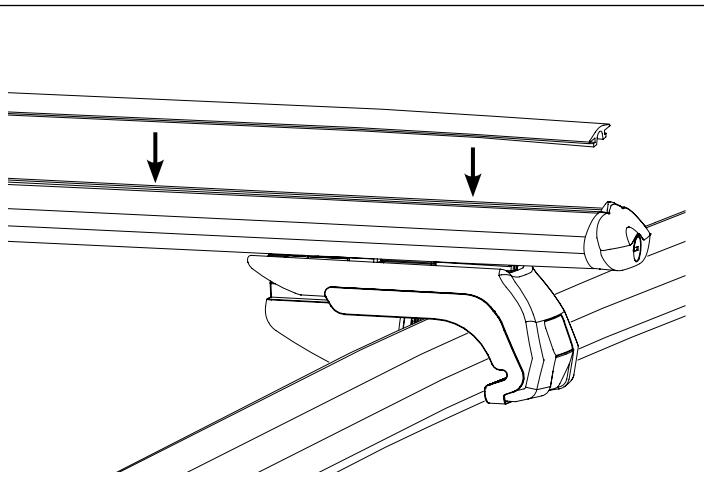
- 6** Place a securing lock tab plate on the cross bar between each plank. Sit the securing knob into the securing lock tab plate. Rotate securing knob 90° clockwise to secure the planks using the allen key provided. Repeat until all planks are secured to the cross bars.



- 7** Re-fit all four end caps to the ends of the cross bars.



- 8** Re-fit the rubber buffer strips into the top of the cross bars if the alloy tray is removed.





### Important Information

**Maximum carrying capacity: 62kg evenly distributed inside the alloy tray.**

**Maximum carrying capacity off-road: 42kg evenly distributed inside the alloy tray.**

**Mass of Roof Tray: 13.40kg.**

- The vehicle manufacturer recommended carrying capacity is 62kg for the alloy tray fitted to a two bar aero rack system.
- When the vehicle is to be used in rough off road conditions with the alloy tray attached, please build a safety factor of 1.5 into the maximum carrying capacity, **42kg for off-road use**. Although the roof cross bars and alloy tray are tested and approved to AS1235-2000, Australian conditions can be much more rigorous.
- Ensure that all loads are evenly distributed across the two cross bars and that the centre of gravity is kept as low as possible.
- Be aware of the statutory requirements regarding maximum permissible projections from the vehicle.
- **Remember that the roof racks and alloy tray increase the overall height of the vehicle.**
- **Use only NON-STRETCH TIE DOWN straps to secure the load.**
- **Never use the alloy tray side rails as tie off points. Always use the cross bar or eye nuts inside the tray as tie off points.**
- Any load carried on the vehicle's roof will adversely affect its handling and braking, particularly in cornering or in a cross wind, the vehicle should therefore be driven with increased caution.
- **PLEASE REMOVE ROOF RACKS AND ALLOY TRAY WHEN PUTTING THE VEHICLE THROUGH AN AUTOMATED CAR WASH.**
- The roof racks should be removed regularly to clean adjoining vehicle surfaces and attachment locations. Bolts and nuts should be lubricated at regular intervals. Tightening torque must be checked to be as indicated at least once every 1000km.
- Roof racks and alloy tray should not remain on the vehicle for extended periods when not required.
- To reduce fuel consumption, remove roof racks and alloy tray when not in use.

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