



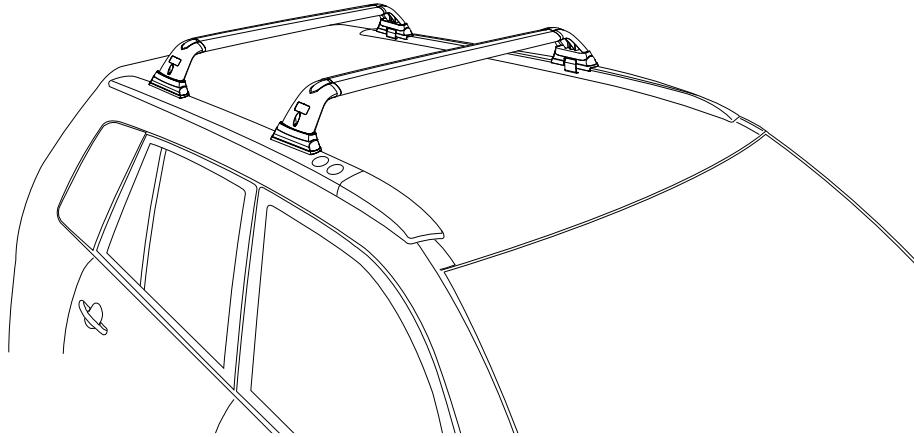
RHINO-RACK

Aerodynamic & Heavy Duty Roof Rack Systems

RSP12 SUZUKI Grand Vitara 4 Door - Sports Cross Bars

Important: Please read these instructions carefully prior to installation. Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations. Check the contents of kit before commencing fitment and report any discrepancies. Place these instructions in the vehicle's glove box after installation is complete.

Layout



IMPORTANT Care Instruction:

Thoroughly clean roof rails prior to fitting roof racks. PLEASE READ THROUGH INSTRUCTIONS BEFORE FITTING.

Important Information

Maximum carrying capacity: 50kg evenly distributed over the two cross bars.

Recommendations:

It is essential that all bolt connections be checked after driving a short distance when you first install your cross bars. Bolt connections should be checked again at regular intervals (probably once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the cross bars each time they are refitted.

Make sure to fasten your load securely. Please ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible.

Use only non-stretch fastening ropes or straps.

Sensitivity to cross winds, behaviour in curves and braking.

The handling characteristics of the vehicle, changes when you transport a load on the roof. For safety reasons, we recommend you exercise extreme care when transporting wind-resisting loads; special consideration must be taken into account when braking.

Please remove cross bars when putting vehicle through an automatic car wash.

Load rating.

Maximum permissible load is 75kg per pair of cross bars (include the weight of the roof racks, 5kg). When cross bars are to be used in off-road conditions, please build a safety factor of 1.5 into this load limit. (33kg for off-road use). Although the roof racks are tested and approved to AS1235-2000, Australian road conditions can be much more rigorous. However, increasing the number of cross bars does not increase the vehicles maximum permissible roof loading.

Note for Dealers and Fitters.

It is your responsibility to ensure instructions are given to the end user or client

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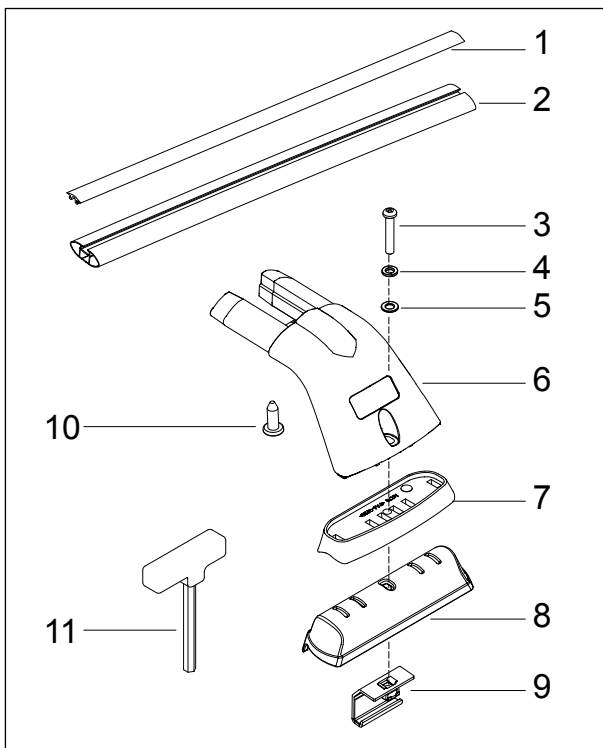


SUZUKI Grand Vitara 4 Door - Sports Cross Bars

Parts List

Maximum carrying capacity: 75kg

Item	Component Name	Qty	Part No.
1	Rubber Buffer Strip	2	R011
2	Sports Cross Bar (F=898mm, R=833mm)	2	A155
3	M6 x 40mm Security Screw	4	B085
4	M6 Spring Washer	4	W004
5	M6 x 12.5mm Flat Washer	4	W003
6	RSP Leg	4	M094
7	Top Pad	4	M173
8	Bottom Pad	4	M258
9	Vitara Leg Strap with Cage Nut	4	C572
10	10G x 1/2" Pan Head Phillips Screw	4	B045
11	5mm Security Allen Key	1	SecKey-S
12	Fitting Instruction	1	RS-316



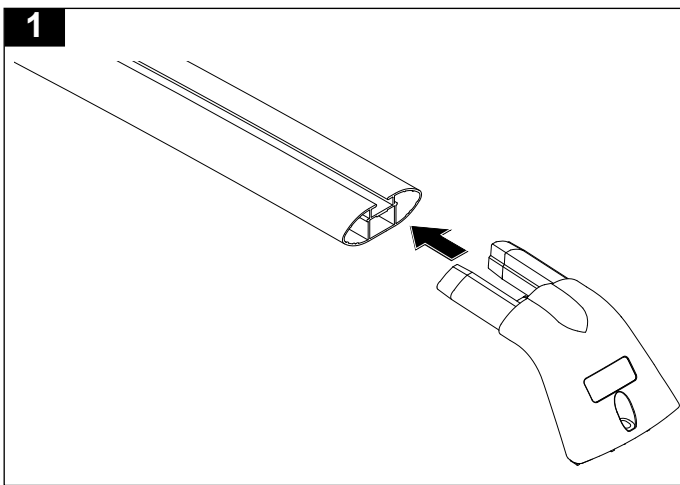
Tools Required;

Allen key, included in kit.

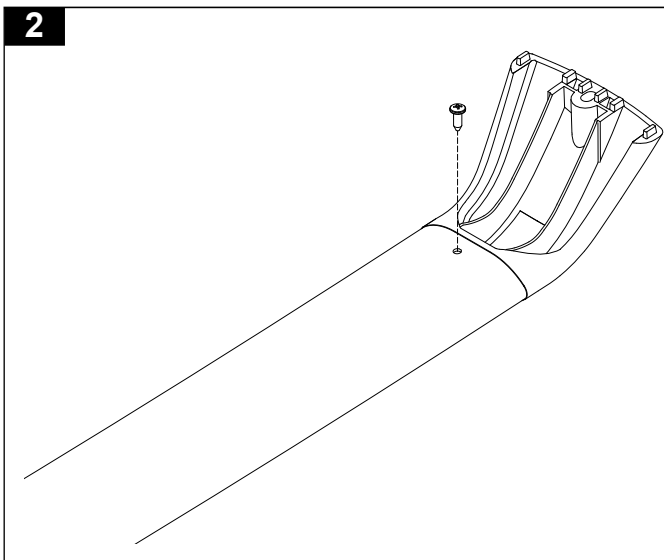
Rubber Mallet.

Phillips Head Screwdriver.

Tape Measure.



Fully insert a Sports leg into each end of the cross bars. A rubber mallet may be required to knock the leg in place.

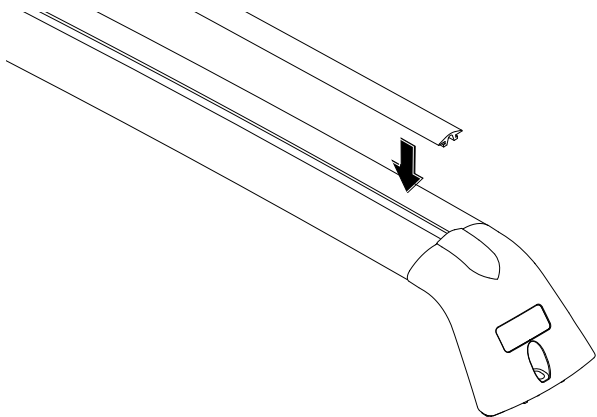


From the underside of the cross bar insert the Phillips head screw.



SUZUKI Grand Vitara 4 Door - Sports Cross Bars

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Insert the rubber buffer strip into the top of the cross bar.

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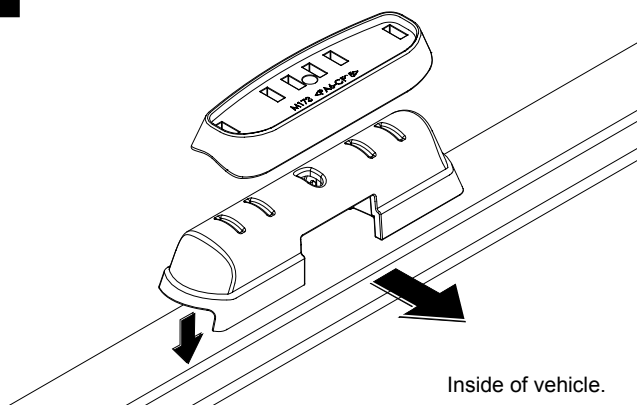
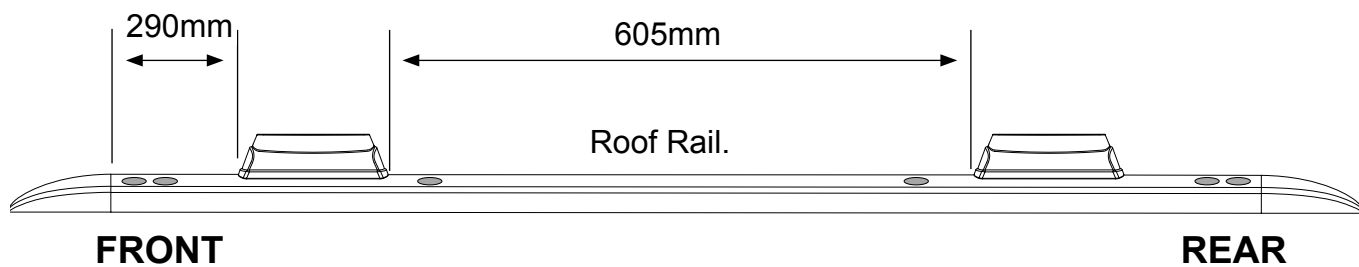


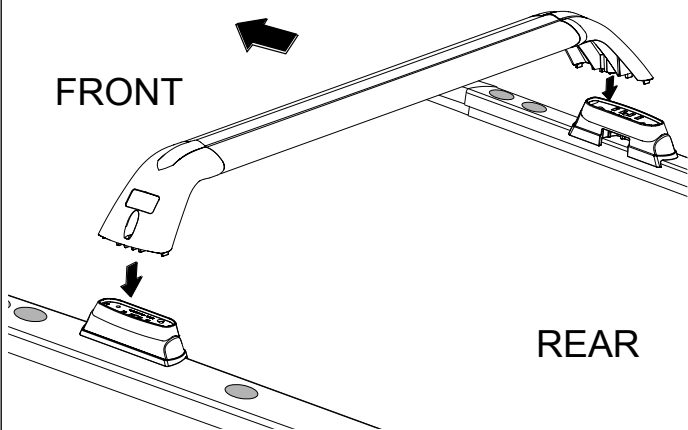
Diagram at left shows correct orientation of top and bottom pad . The large cut out and lip of the bottom pad sit over the inside edge of the roof rail. The four top and bottom pads are identical.

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Place the base pads on the roof rail at 290mm from the front joint on the roof rail then 605mm between the pads.



6



Sit the cross bar and leg assembly onto the base pads.

FRONT Cross Bar = 898mm.

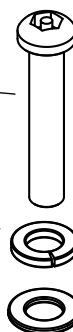
REAR Cross Bar = 833mm.

Assemble M6 screw and washers in preparation for next step.

M6 x 40mm screw

Spring washer

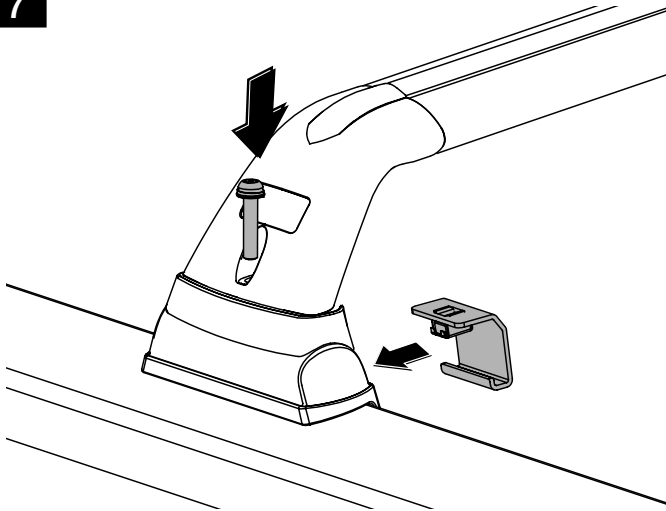
Flat washer



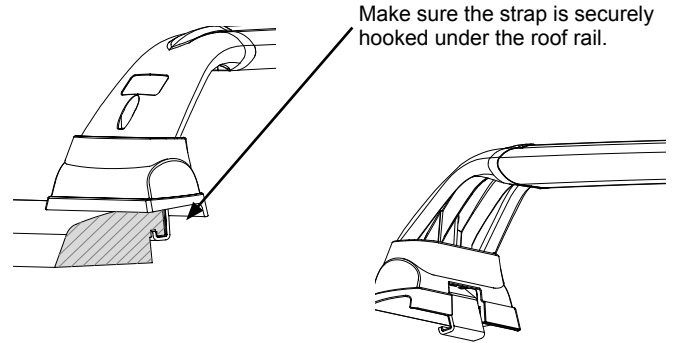


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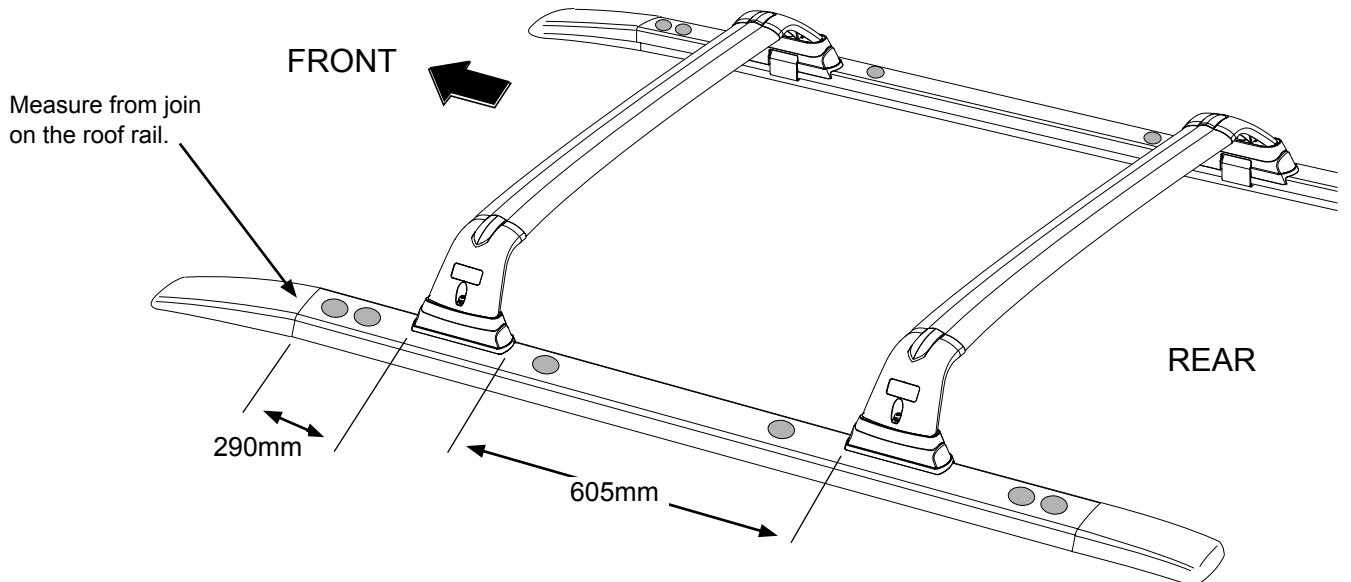
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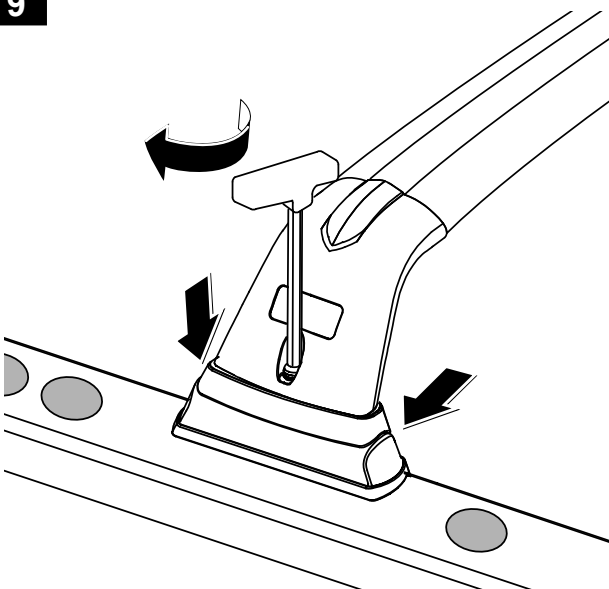
Place the stainless strap into the inside gap of the base pad. Insert the M6 x 40mm screw and washer assembly through the leg and fasten. **Do not fully tighten at this stage.**



8 Position the legs and cross bars parallel across the vehicle and at the distances shown from the front of the vehicle.



9



Put pressure on and pull the base pad assembly against the inside of the rail while tightening. Tighten the four M6 security screws to 3-4N/m. **DO NOT OVER TIGHTEN.**