

## **IMPORTANT:** Wash vehicle roof especially the roof strip channel prior to installation.

## Maximum carrying capacity: 100kg two crossbars. 125kg three crossbars.

#### **Recommendations:**

It is essential that all bolt connections be checked after driving a short distance when you first install your crossbars. 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 crossbars each time they are re-fitted.

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

#### Use only non-stretch fastening ropes or straps.

#### Caution:

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

Please remove crossbars when putting vehicle through an automatic car wash.

#### Load Ratings:

Maximum permissible load is **100kg evenly distributed over two crossbars and 125kg evenly distributed over three crossbars**. When crossbars are to be used in off-road conditions, please build a safety factor of 1.5 into this load limit, two crossbars **67kg** and three crossbars **84kg**. Although the crossbars are tested and approved to AS1235-2000, off-road conditions can be much more rigorous. However, increasing the number of crossbars 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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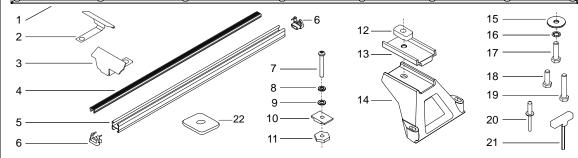
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# Parts List

ltem	Component Name	Qty 2 Bar	Qty 3 Bar	Part No	Tools Required:
1	Hyundai Track 2345mm	1 Pair	1 Pair	A406	<ul> <li>Pneumatic or Concertina rivet gun.</li> <li>Marking pen.</li> <li>Power or Cordless drill.</li> <li>5mm drill with drill depth stop.</li> <li>Vacuum cleaner.</li> <li>Cold galvanizing solution &amp; brush.</li> <li>Hammer &amp; Pin Punch Ø4-5 mm.</li> <li>Silastic Sealer/Selleys Butyl Mastic.</li> <li>5mm Security allen key, provided in k</li> <li>5/8 or 16mm spanner.</li> <li>Measuring tape.</li> <li>Hacksaw.</li> </ul>
2	Track End Cap (left)	2	2	C393	
3	Track End Cap (right)	2	2	C394	
4	Rubber Buffer Strip 1500mm	2	3	R001	
5	Crossbar 1500mm	2	3	A022	
6	End Cap	4	6	M002	
7	M6x35mm Security Screw	8	12	B092	
8	M6 Spring Washer	8	12	W004	
9	M6 x 12.5mm FLat Washer	8	12	W003	
10	Track Mount Wedge	8	12	M148	
11	M6x21.43mm x 4.40mm Brass Nut	8	12	N009	
12	M10 Channel Nut	4	6	N025	Philips head screwdriver.
13	Heavy Duty Leg Height Spacer	0	6	M016	Flat head screwdriver.
14	RLTF Leg	4	6	M010	
15	M10x38mm Flat Washer	4	6	W022	Drill depth stop.
16	M10 internal shakeproof washer	4	6	W021	Round piece of wood or
17	M10x35mm bolt	0	2	B079	plastic of larger outer diameter than the hole being drilled.
18	M10x25mm bolt	4	2	B071	
19	M10x45mm bolt	0	2	B080	
20	Stavex Rivet BS 11 4.8mm	16	16	H060	5-6 mm hole through centre.
21	5mm Security Allen Key	1	1	SECKEY-S	
22	Butyl Patches	17	16	CA1397	
23	Fitting Instruction	1 1	1	RR179	



# 1 Completely remove roof channel trim.

Start by lifting the front edge of rubber trim. Carefully twist rubber trim in an outward direction to unhook the plastic clips. Retain the front three clips on each side to secure the cut trim back in place after installation of the track.

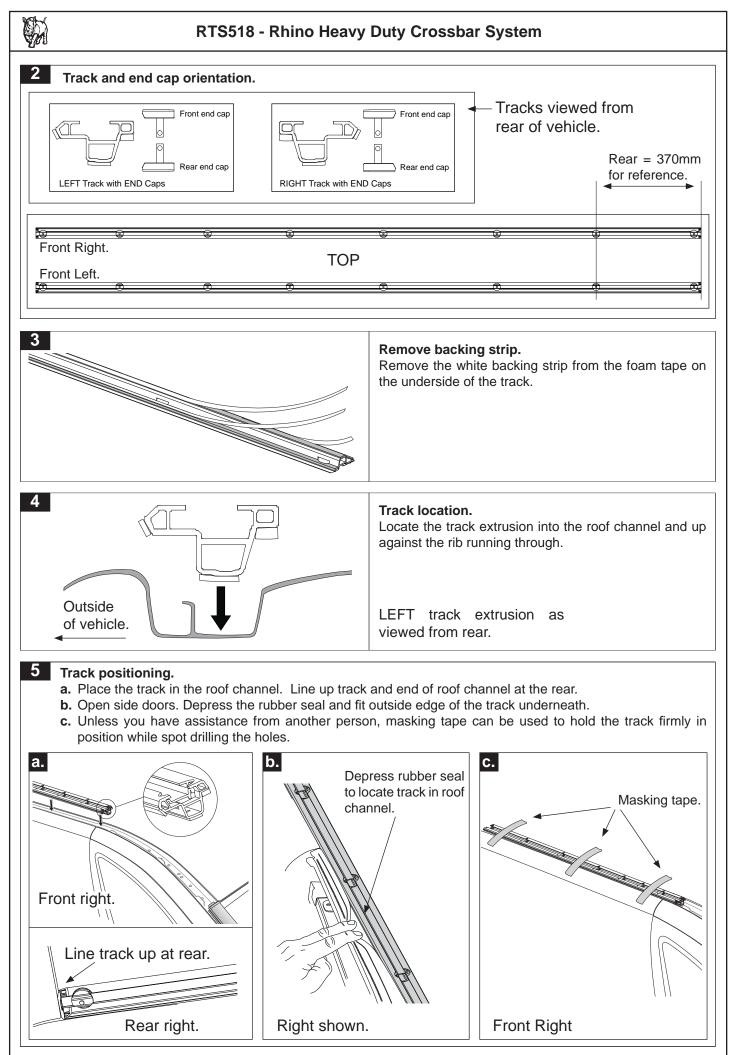


Lift front of the trim from outside edge of roof. Twist outwards to unhook as shown in the diagrams.

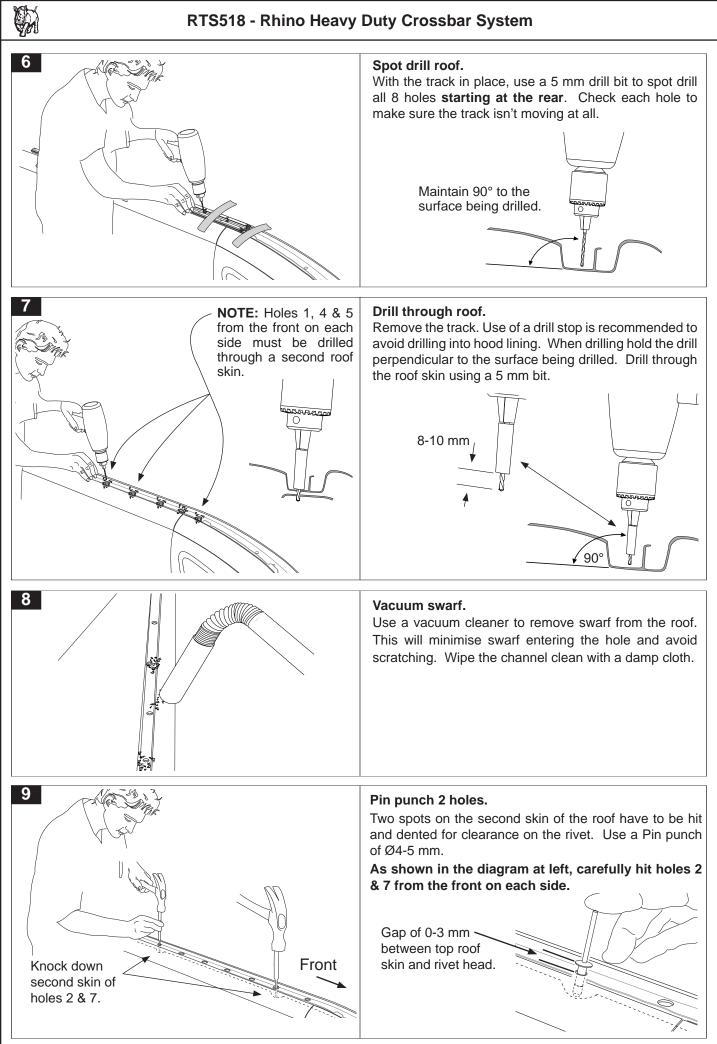
The roof channel must be totally clean of any dirt, so be sure to wash thoroughly and completely dry off before track installation.

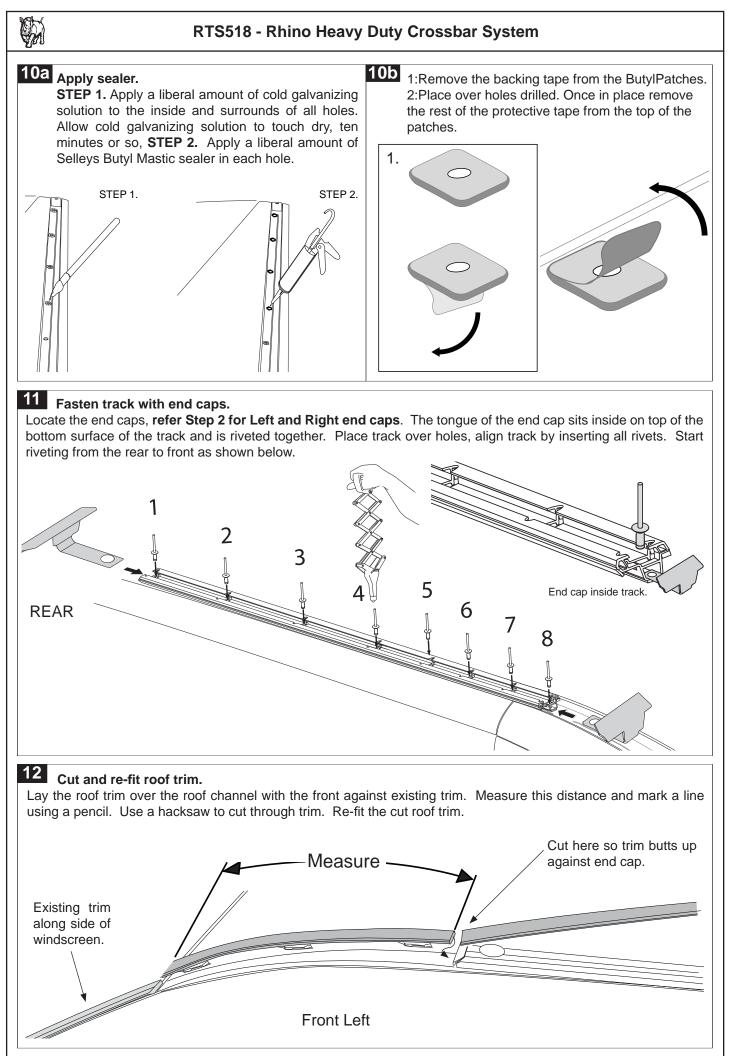




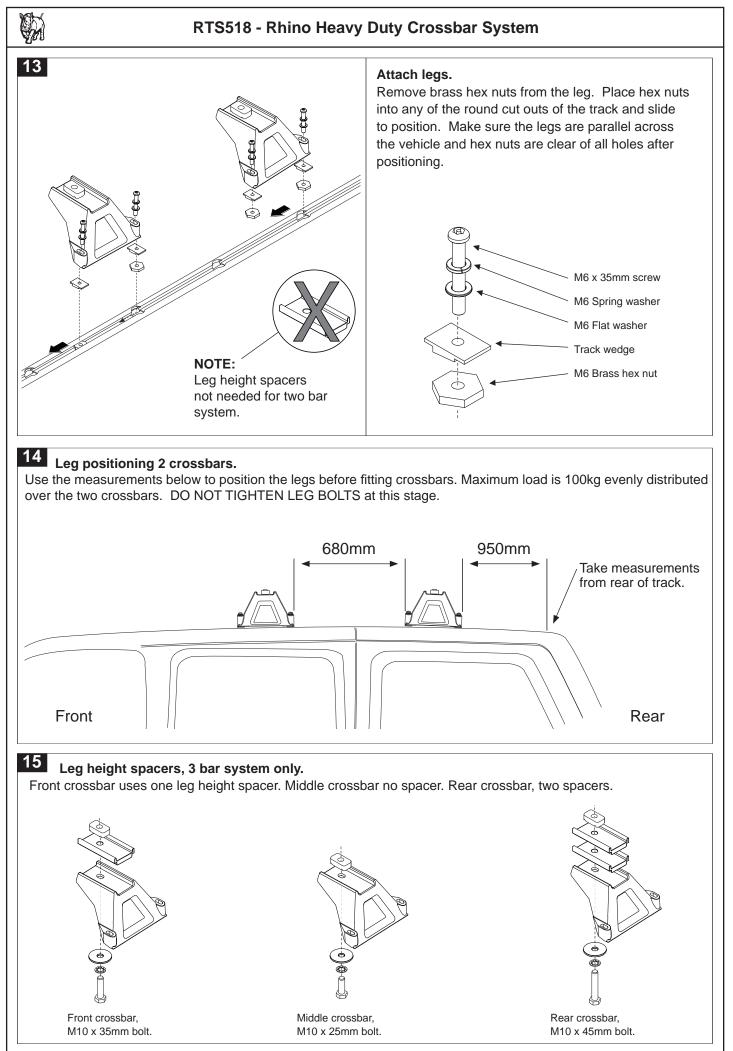


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# **RTS518 - Rhino Heavy Duty Crossbar System**

# 16 Leg positioning, 3 crossbars.

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Use the measurements below to position the legs before fitting crossbars. Maximum load 125kg evenly distributed over the three crossbars. DO NOT TIGHTEN LEG BOLTS at this stage.

### NOTE: The positioning is important as it maintains a level height over the 3 crossbars.

