



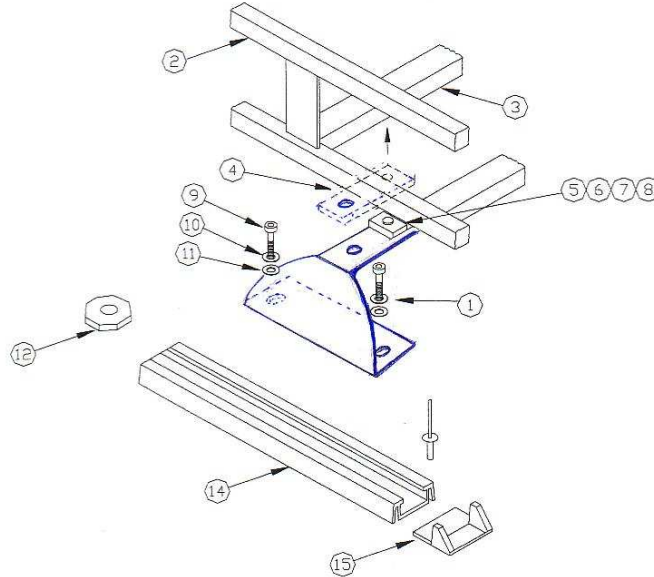
# FITTING INSTRUCTIONS

The design of the Tracklander with its adjustable legs, gives it considerable flexibility and strength. Although the initial set up is longer, it is very easy to fit and remove once this is done. Please read these instructions carefully to make fit up as quick + simple as possible.

Vehicle Make:  
**VEHICLE WITHOUT GUTTERS AND NO MOUNTING POINT**

Model:  
**TRACK MOUNT TRACKLANDER**  
TLRAL21TM,TLRAL13TM

For:  
**KIT 29, KIT 30**



**EXPLODED DIAGRAM OF LEG MOUNT ASSEMBLY**

PARTS LIST				
Description	Qty	Description	Qty	Notes
1) Leg mount (RLTP)	3 pairs	7) M10 flat washers	12	For the AL 13TM only 4 leg mounts are used and only 1200 long track.Parts are proportionate to this
2) Roof Rack		8) M10 strut nut	12	
3) Leg support channel		9) M6x35 button screw	12	
4) Leg spacer	varies	10) M6 spring washers	12	
5) M10x25 hex bolt	12	11) M6 flat washer	12	
M10x30 hex bolt (for leg spacer)		12) Brass track nut	12	
6) M10 star washer	12	14) RT20 (2000mm track)	2	
		15) Track end cap	4	

**Additional products required but not supplied with kit: Sika Activator UN1219/Sikaflex 252 sealant**

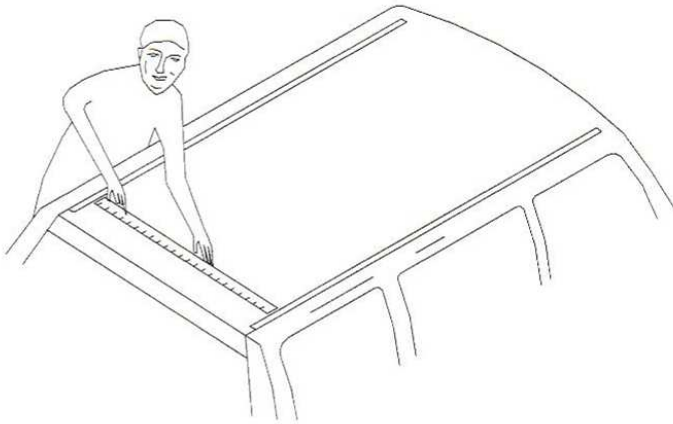
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# FITTING INSTRUCTIONS

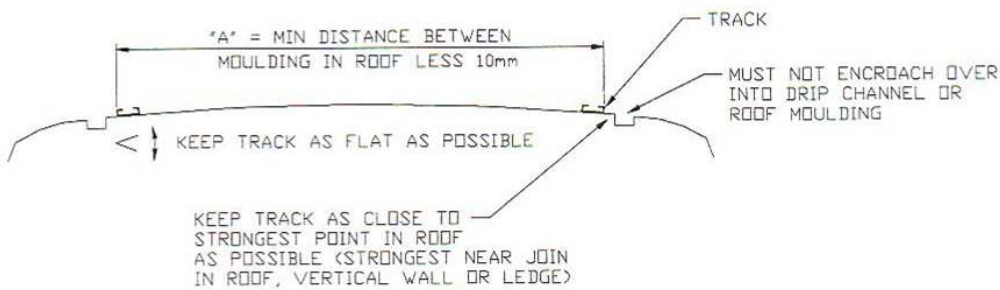
FIG 1



## STEP 1

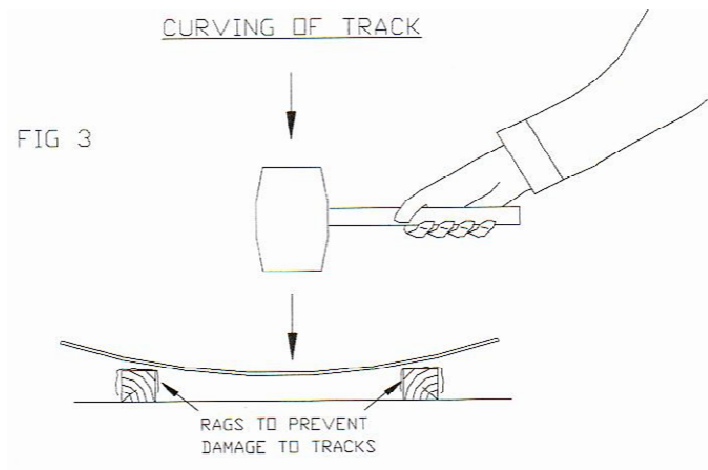
Measure distance across vehicle roof top. Track should be fitted as far apart as possible without encroaching on drip channels or roof mouldings.

FIG 2



## STEP 2

FIG 3



Lay track on the roof in the required position and curve using technique in fig. 3 to the exact shape of roof. This will reduce the forces on the rivets when the track is finally fixed.

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# FITTING INSTRUCTIONS

3.

## DETAILED INSTRUCTIONS - Continued

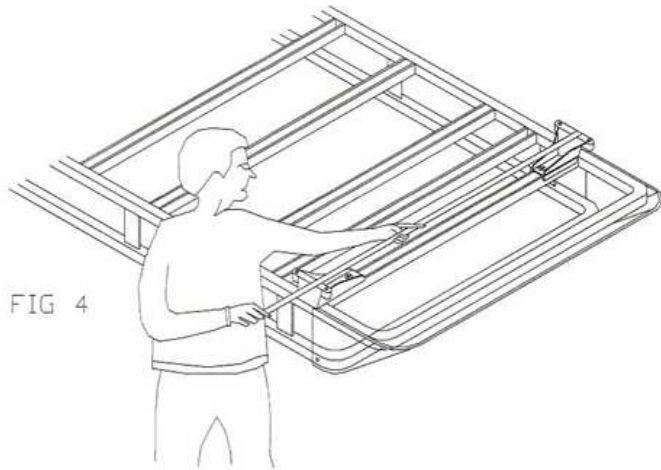


FIG 4

### STEP 3

Step up the leg mounts evenly to the required width.

Measurement "A" in Fig 2

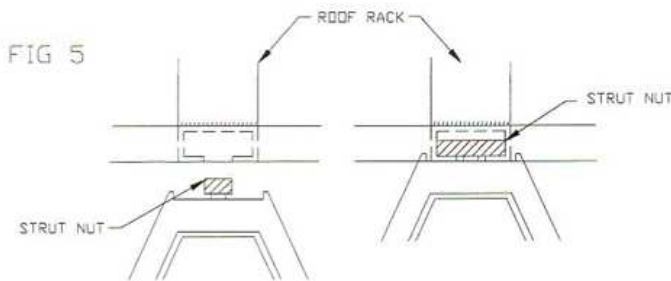


FIG 5

Ensure strut nut is locked in position. (See fig 5)

(Rotate 90° to lock into channel. Make sure serrated grooves lock into the ridges in extrusion)

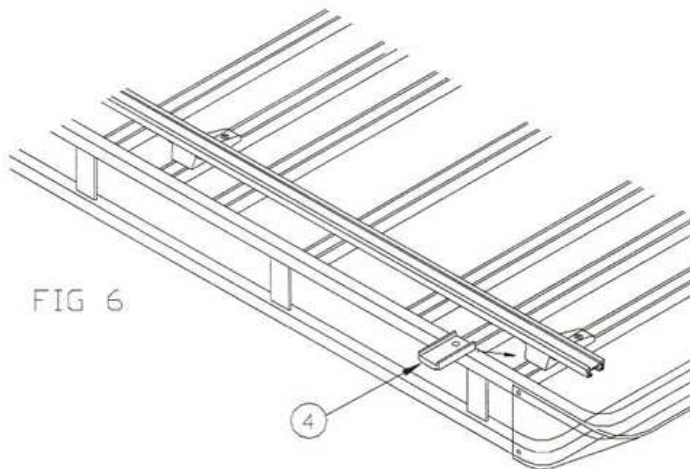


FIG 6

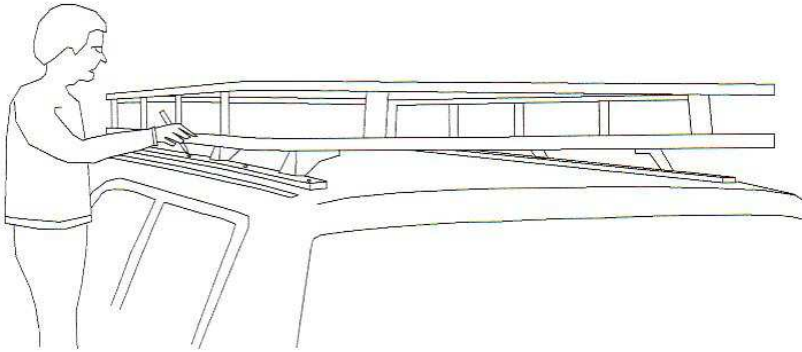
Use the curve of the track to determine whether leg height spacers (item 4) are needed to match the curve of the roof.

Fix track to leg mounts and tighten ensure holes in track are not covered by the leg mounts as you need these holes to mark the holes on the roof.

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## FITTING INSTRUCTIONS

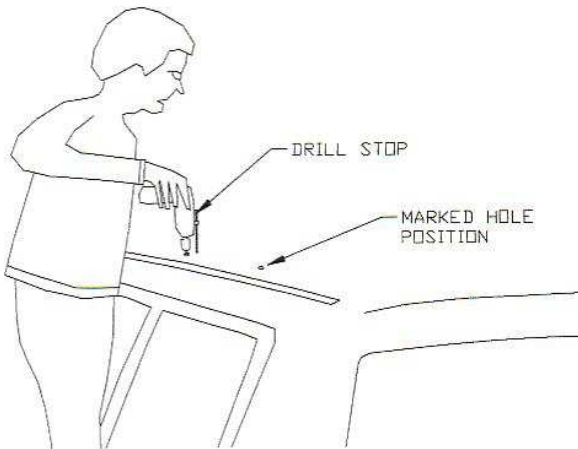
FIG 7



### STEP 4

Lay rack on the roof top, centralize, and mark holes using a permanent marker

FIG 8

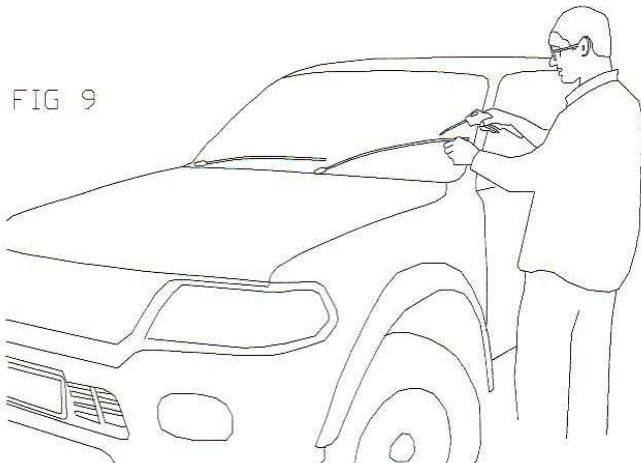


### STEP 5

Carefully drill holes using a drill with a drill stop to ensure only penetration of outer roof turret occurs. Use 5 mm drill bit and rubber end on drill stop to prevent roof damage while drilling. Check each rivet in each hole. If a second skin is encountered, it must be punched down to allow for rivet to penetrate properly.

### STEP 6

FIG 9



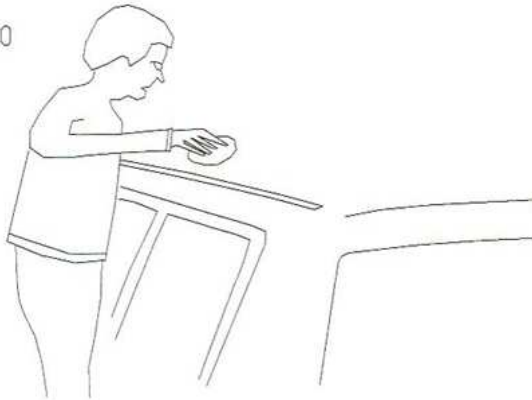
Blow down vehicle with compressed air or vacuum all filings off vehicle, take particular care to get all filings off trims, window rubbers and out of all crevices.

**DO NOT BRUSH OFF** all this will scratch paintwork.

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## FITTING INSTRUCTIONS

FIG 10

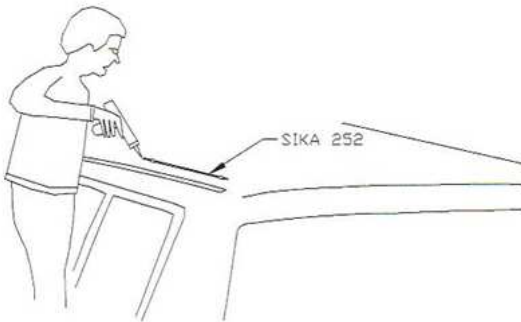


### STEP 7

Clean the area on which the track is to be positioned by using SIKA activator UN1219, clean cloth and only wipe one way. Do not use the same part of the cloth twice. Wipe 2 or more times to ensure surface is properly clean. Leave for approximately 1 minute to dry, then wipe off using a clean cloth. Also repeat this process on the tracks (between foam tapes).

**This process must be followed to ensure Bonding**

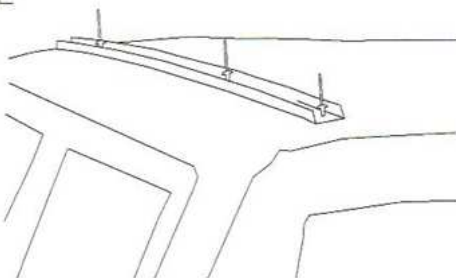
FIG 11



### STEP 8

Apply SIKA 252 to area in between holes, in and around holes. Then remove tape from track foam and remove tracks from rack.

FIG 12



### STEP 9

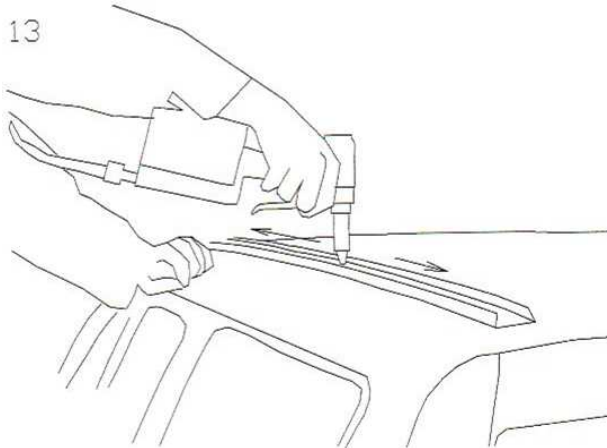
Place tracks on roof with rivets in holes **remembering to position end cap** before riveting.

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## FITTING INSTRUCTIONS

FIG 13



### STEP 10

Pop off rivets begin from the center and work out. Ensure all rivets are sealed firmly to track.

### STEP 11

Refit rack to tracks

### STEP 12

Tighten the M10 leg bolt to the crossbar to a torque of 20 Nm. Tighten the leg support M6x35 button head bolts to a torque of 6 Nm.

Roof rack is now ready for use

### **Recommendation:**

Please refer to your vehicle manufacturers operating manual for maximum roof load rating. Please note that the vehicle roof load rating may be less than the track bar load rating.

It is essential that all bolt connections are checked after driving a short distance when you first install your roof rack. Bolt connections should be checked again at regular intervals (probably one a week is enough, depending on road conditions, loads and distance travelled). You should also check the roof rack each time it is refitted. Make sure to fasten the load securely. Please ensure that all loads are evenly distributed and that the center of gravity is kept as low as possible.

**Use only non stretch fastening ropes and straps.**

### **SENSITIVITY TO CROSSWINDS, BEHAVIOUR IN CURVES AND BRAKING.**

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

### **PLEASE NOTE:**

**The TLR21RM Roof Rack is designed to carry an evenly distributed weight of 150 Kg.**

**The TLR13 Roof Rack is designed to carry an evenly distributed weight of 100 Kg.**

**For specific vehicle Roof top carrying capacity, refer to Vehicle Owner's Manual.**

**PLEASE REMOVE ROOF RACK WHEN PUTTING VEHICLE THROUGH AN AUTOMATIC CAR WASH**

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