



FITTING INSTRUCTIONS FOR
GREAT WALL X200/X240 Apr '11 On
ANCHOR POINT EXTENDED Roof Rack
PART NUMBER: **APEX/CAP077-2**
FITTING TIME: EST. 15 MINUTES



ROOF-RACK LOADING CAPACITY: **60kgs**

ISSUE: A

ISSUE RELEASE DATE: 23/02/2012

TOTAL NUMBER OF PAGES INCLUDING COVERSHEET: 5

2. KIT DRAWING AND CONTENTS

COMMON				
END SUPPORT (27-0752)	UNDER-COVER STRIP	SLUG NUT (27-0116)	FLAT WASHER (22-0186)	SPRING WASHER (22-0162)
M8 HEX NUT (22-0139)	M8 x 20 HEX BOLT (22-0496)	M6 x 22 STAR BOLT (22-0348)	TT-27 ASSEMBLY KEY (22-0811)	

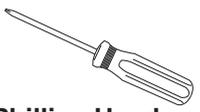
MOUNTS	
C-STRAP (3905)	CAGE NUT (22-0345)

APEX		
SPORTS CROSS-BAR END CAP (27-0782)	ROLA LOCK & KEY (22-0600)	SPORTS (RE GLOBAL) CROSS-BAR (10-0020 1150B)

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OR

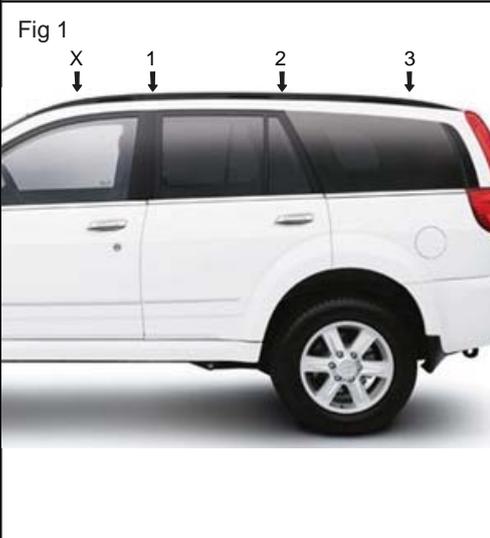
CAP	
CROSS-BAR END CAP (27-0345)	HEAVY DUTY CROSS-BAR (10-0011 - 1150mm)

3. TOOLS AND MATERIALS REQUIRED

 <p>Cutting Knife - Use to open Kits, and trim Buffer Strip to size.</p>	 <p>Measuring Rule - Use to check dimensions and distances of cross-bars.</p>	 <p>Cleaning/protective Cloth - Use to wipe down vehicle, and use to protect vehicle paint.</p>	 <p>Marking Pencil - Use to mark buffer strip.</p>	 <p>Phillips Head Screwdriver - Use to assemble Cross Bars.</p>
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4. INSTALLATION STEPS

Prior to Assembly, check that your Roof Rack Box contains all the parts as listed above. Ensure the vehicle roof is clean and dry. Use Knife to cut through the packaging polybags.

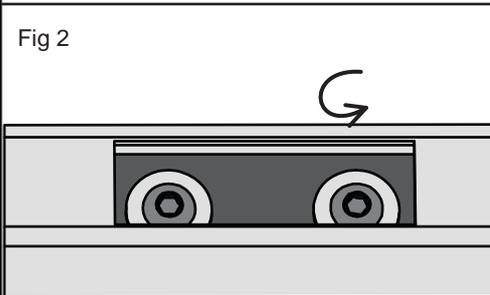


STEP 1

Locate the factory rail on your vehicle's roof containing 4 sets of anchor point covers. (Fig.1)

It is recommended that you select location 1 & 2 for the fitment of the Front(1) and Rear(2) bars. However you are able to select any combination of locations 1,2 & 3 if preferred.

Note: A 3-bar fitment for this vehicle will not be fully aligned.

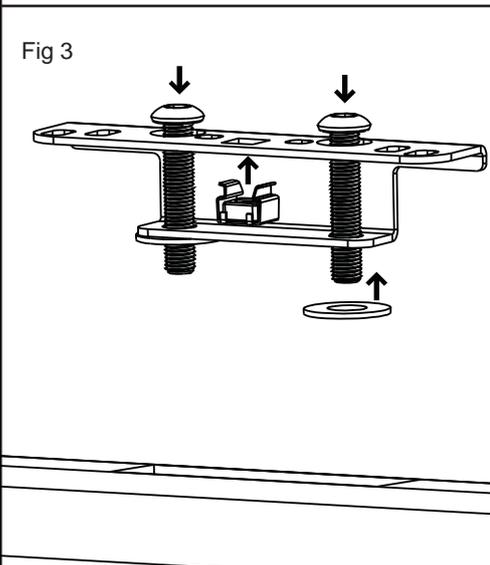


STEP 2

Using a sharp suitable tool remove the required anchor point covers to expose the anchor point bolts in the roof. (Fig. 2)

 Keep covers in a safe place.

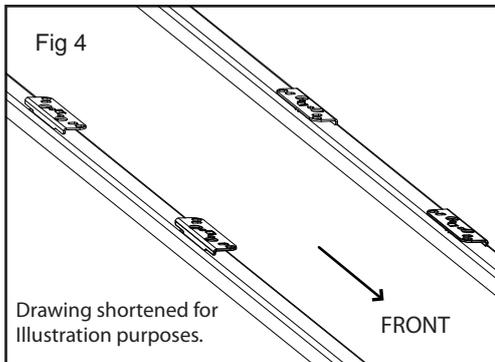
Remove the two anchor point bolts and washers by turning the bolt anti-clockwise using an allen key.



STEP 3

Using a cage nut and the factory anchor point bolts and washers, assemble the C-Strap as per Fig 3.

First insert a cage nut into the square slot in the middle of the C-Strap. Then insert the bolts through the top of the strap and the washers on the bottom.

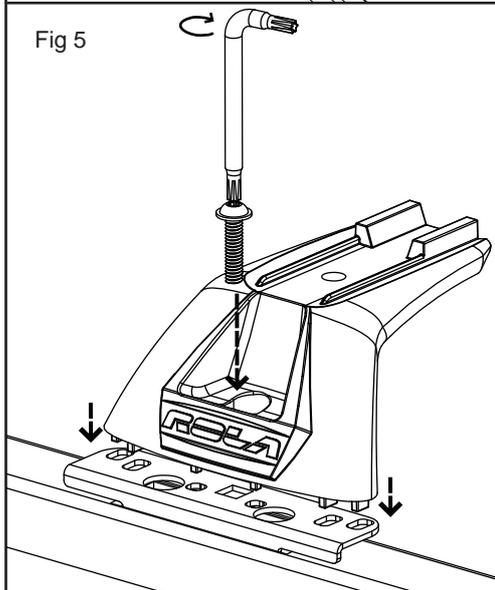


STEP 4

Ensure the C-Strap assembly is orientated correctly. (Fig 4)

Fix the C-Strap assembly into the factory anchor points by turning the bolts clockwise. Repeat for all 4 C-Straps.

Tighten the factory anchor point bolts to 5-6Nm.
(Firm hand tightness)

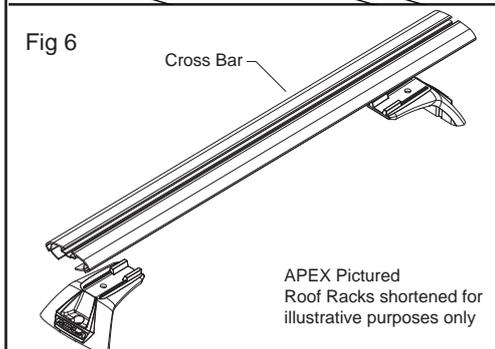
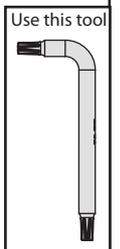


STEP 5

Place an end support onto the C-Straps from STEP 4, making sure to locate the end support tabs with the cut out in the top of the C-Strap. (Fig 5)

Using a 22mm M6 Star bolt provided loosely secure it down by inserting the bolt through the end supports hole and into the cage nut in the C-Strap. Turn the security key approximately 2-3 turns. Do not tighten yet.

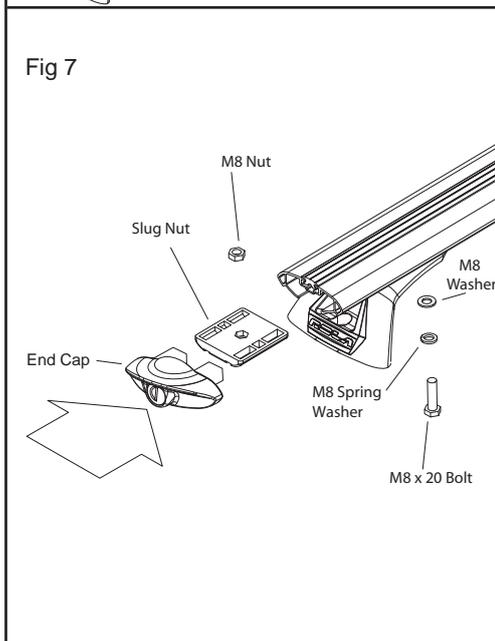
Repeat for all mounts.



STEP 6

Place the crossbar onto the end supports ensuring that the end supports are located into the cutouts on the underside of the crossbar. (Fig. 6)

Check that the cross bar has equally distanced overhang on either side from the end support.



STEP 7

Insert the M8 nut into the cavity on the Commercial Slug. (Fig. 7)

Insert the Commercial Slug into the cross tube, and align it so that the M8 nut in the Commercial Slug and the hole at the bottom of the end support line up.

Secure the cross bar to the end support by screwing the M8x20mm bolt through the hole in the end support and up into the nut that is located in the cavity of the Commercial Slug nut.

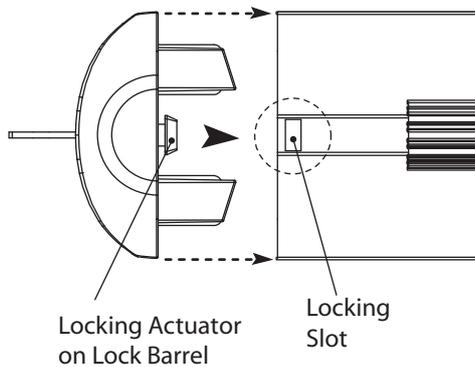
Ensure the end supports are located correctly on top of the C-Straps and the overhang of the cross bars is equal.

Tighten M8 bolts to 6-7 Nm
Tighten M6 bolts to 5-6 Nm

Repeat Step 6-7 for remaining crossbar.

Refer to fitting instruction 424 for insertion of the under-cover strip.

Fig 8

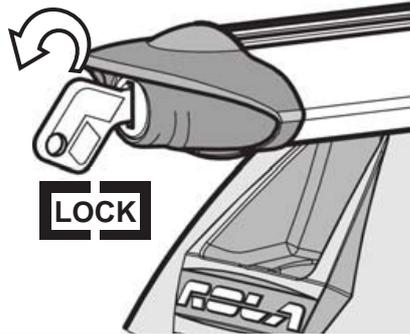


STEP 8 *Note: Only APEX has locking capability*

Pull back the buffer strip to allow access to the end of the cross-bar.
 Insert Endcap into the Cross-bar by locating the two 'feet' of the Endcap into the void inside the cross-bar. (Fig 8)

Push through until End-cap edge comes to rest against the edge of the cross-bar. This is important as the Locking Actuator inside the Endcap has to locate within the Locking slot on the end of the cross-bar.

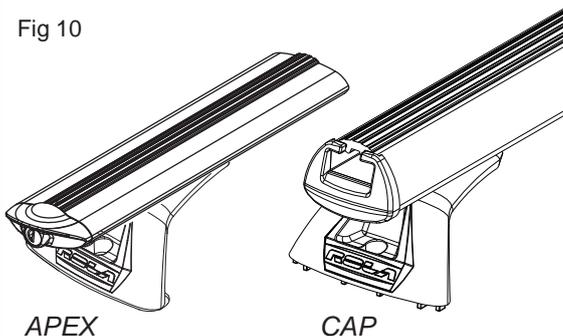
Fig 9



STEP 9

Pull back the buffer strip to allow access to the end of the cross-bar.

Fig 10



STEP 10

You are now ready to mount your accessories, eg. Bike Carrier, Kayak carrier, etc. utilising the "Global Channel" if applicable. (Fig. 9).

Place the accessory onto the buffer strip in the location where it will be mounted in relation to your cross-bars. Using a marking and measuring tool, ie. pencil/tape measure - make your mark onto the rubber buffer strips.

Next, completely remove the buffer strip from its channel within the cross-bars and cut out the portion using heavy duty scissors/shears.

NOTE: DO NOT dispose of this rubber strip but store it in a secure place to be re-mounted once the accessory has been removed from the rack. This will help reduce wind noise during travel.



USAGE INSTRUCTIONS

It is essential for the proper assembly, operation and use of the Roof-rack that the instructions and safety precautions supplied are strictly observed. The Maximum permissible load for your Roof Bar is the lower of the maximum load capacity specified in you vehicle operation manual, or specified as applying to the Roof-rack. Do not exceed the maximum specified Load capacity.

Maximum Permissible Load = Weight of the Roof-rack + Weight of Accessories + Weight of Load(Cargo).

When fitting the Roof-rack and transporting a load, ensure the vehicle's functions are not impaired (eg. sunroof, aerials, windscreen wipers, mirrors). Rear doors on Hatch - and wagon-type vehicles should be inspected for adequate clearance for full opening operation of the boot/tailgate.

Stop and check all screw connections, bolts and retaining straps after a short distance of travel. Repeat these checks at regular intervals.

WARNINGS

Remember that the fitting of a Roof-rack and the transport of a load increases the overall height of the carrying vehicle.

Where the roof-rack is to be used in off-road conditions, a safety weight reduction of 1.5 should be observed from the total carrying capacity (eg. 60kg becomes 40kg).

Cequent will not be liable to the purchaser of any other person for any consequential, direct or indirect loss, damage or costs incurred or suffered by the purchaser or any other person including but not limited to damage to persons or property, loss of turnover, loss of profits, loss of business or goodwill arising from or in relation to the assembly and use of the Roof-rack, or the non-observance of the fitting and care instructions.