



## GENUINE PARTS

### INSTALLATION INSTRUCTIONS

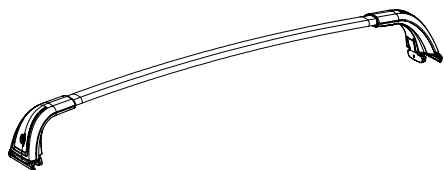
**DESCRIPTION:** Roof Rail Crossbar

**APPLICATION:** QX50

**PART NUMBER:** T99R1 5NA0A

#### KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	FRONT Crossbar Assembly(With Red Paper Band)	---
B	1	REAR Crossbar Assembly	---
C	1	T-30 Torx Key in poly bag	---
D	1	Installation Instructions	999V2 AW000



A/B



C



D

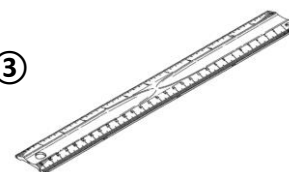
#### TOOLS REQUIRED:

① Torque wrench with T30 Torx bit

②



③



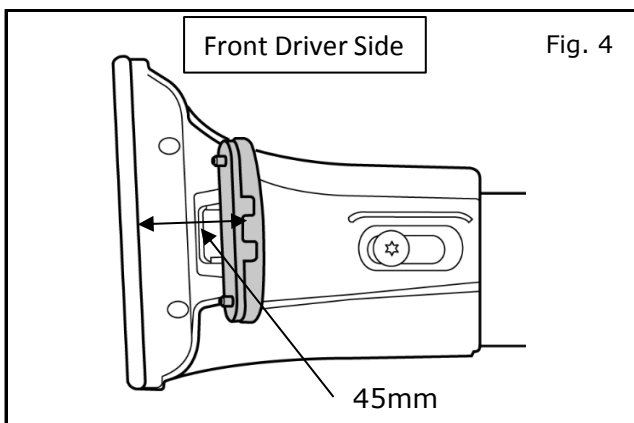
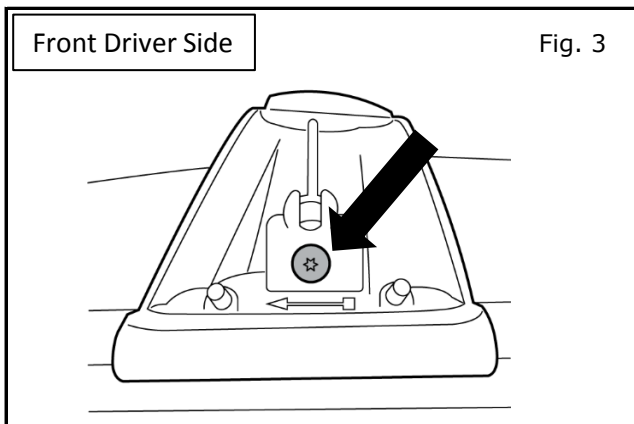
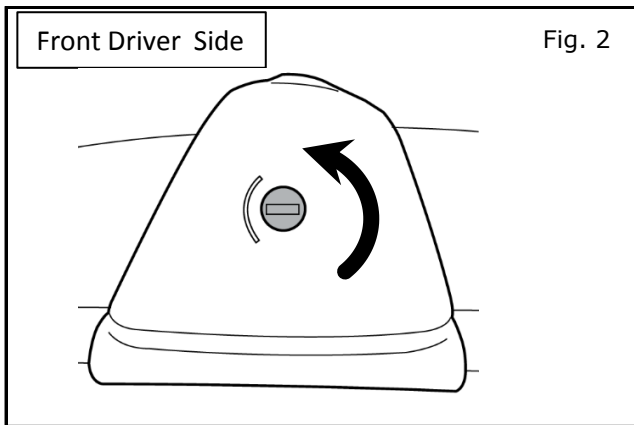
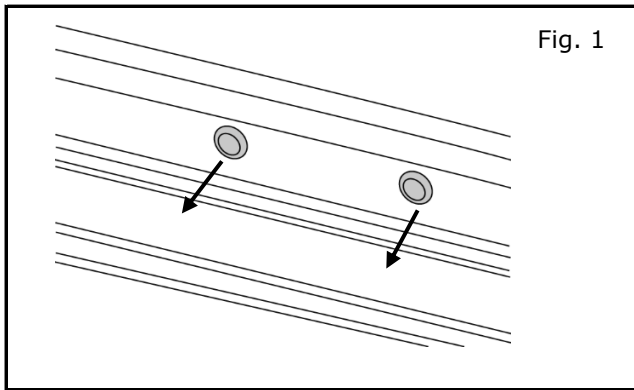
④



#### PRE-INSTALLATION WARNINGS, CAUTIONS, CRITICAL STEPS AND NOTES:

- Dealer installation recommended, Instructions may refer to Service Manual.
- Make sure sunroof is in closed position during installation process.  
Protect painted area on the vehicle roof under crossbars by placing a piece of cloth under cross bars to prevent scratch damage.
- Ensure no damage (including scuffs and scratches) was caused during the installation process.
- Please locate the max Load label on upper left corner of bar.
- Always evenly distribute the luggage and appropriate crossbar attachment on the crossbar.  
Do not load more than 100 lbs.(45kg). Be careful that your vehicle does not exceed the Gross Vehicle Weight Rating (GVWR) or its Gross Axle Weight Rating (GAWR Front and Rear).  
The GVWR and GAWR are located on the Safety Compliance Certification Label (located on the driver's door pillar). For more information regarding GVWR and GAWR, refer to "Technical and Customer Information".
- Removal and re-installation of crossbars more than 5-times requires re-application of thread locking adhesive such as Vibra-Tite VC-3 Threadmate or equivalent.

## INSTALLATION PROCEDURE:



- Locate the FRONT & REAR Crossbar Assembly sides on end supports & plastic covers with below identification marks.

**LF** is FRONT Crossbar Driver side

**RF** is FRONT Crossbar Passenger side

**LR** is REAR Crossbar Driver side

**RR** is REAR Crossbar Passenger side

- 1) Manually remove protective covers from roof rails shown in Fig.1

- 2) Using quarter size coin ②, rotate key-slot in direction shown one quarter turn to remove plastic cover.

### NOTE:

**Temporarily stow the cover close to Front driver side roof rail holes.**

Repeat step-2 for Front Passenger side.

- 3) Use T30-Torx key to loosen clamp screw. Loosen the clamping screw minimally before proceeding to step 4.  
\*Do not loosen the clamping screw completely.

### NOTE:

**Fig 3 shows the clamp screw.**

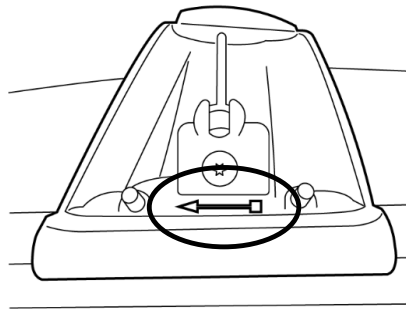
Repeat step-3 for Front Passenger side.

- 4) Open the inner clamp ~45mm to minimize potential of scratching roof rails.  
See Fig-4.  
Repeat step-4 for Front Passenger side.

## INSTALLATION PROCEDURE:

Front Driver Side

Fig 5



- 5) Determine crossbar orientation by locating arrow.

### NOTE:

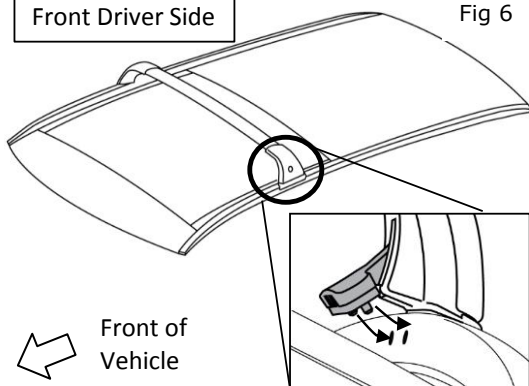
**Ensure front of arrow is facing the front of vehicle.**

- 6) Align pins of driver side clamp with holes in roof rail.  
As shown in Fig 6

Repeat step-6 for Front passenger side.

Front Driver Side

Fig 6



- 7) While holding inner clamp with the pins aligned into roof rail holes, use T30 Torx Key to tighten clamping screw as shown in Fig 7 & 8.

### NOTE:

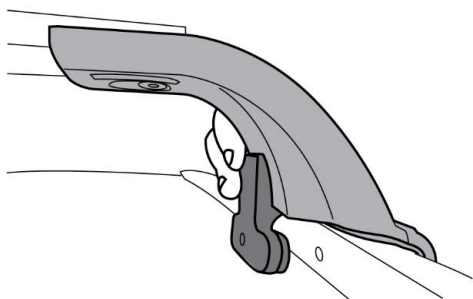
**Before tightening, Ensure protective pads located underneath the supports are flush to the roof rail for proper assembly.**

**Bolt should be tightened to torque 8-10 N-m with torque wrench①**

Repeat step 7 for front passenger side clamping screw.

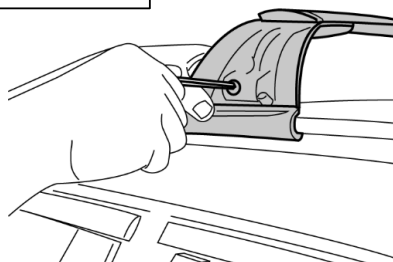
Front Driver Side

Fig 7

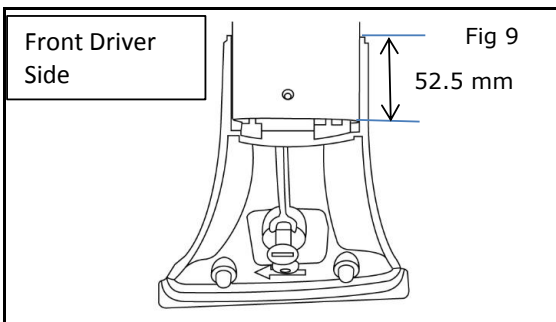


Front Driver Side

Fig 8



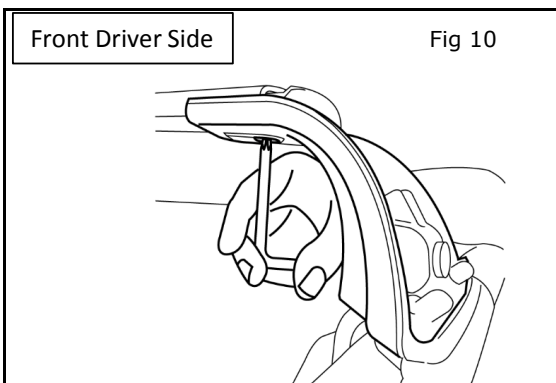
## INSTALLATION PROCEDURE:



- 8) Adjust the bar and make sure the distance from edge of bar to edge of stanchion is 52.5mm as shown in Fig. 9.

### NOTE:

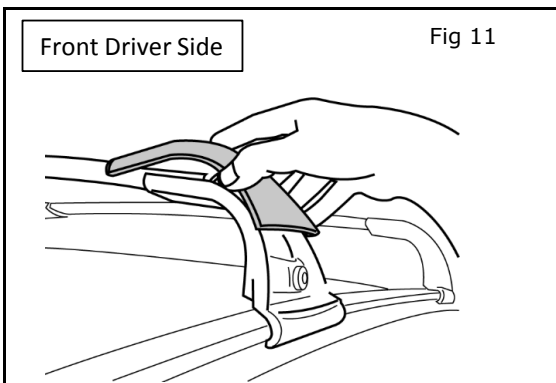
Measure with metric ruler ③



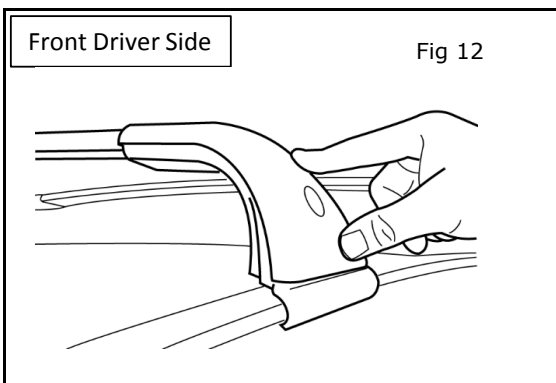
- 9) Tighten both passenger and driver side shoulder screw using T30 Torx Key as shown in Fig. 10.

### NOTE:

Bolt should be tightened to Torque 8-10 N-m with torque wrench ①.

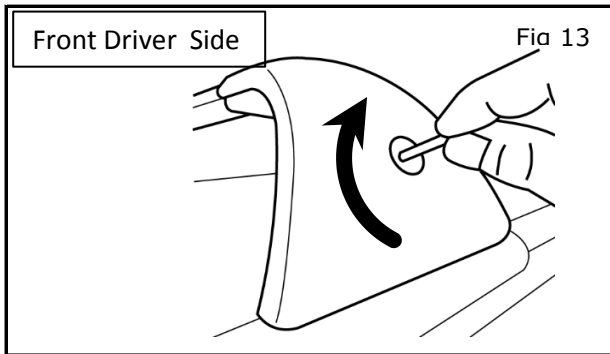


- 10) Assemble plastic cover on stanchion. Slide cover on bar as shown in Fig 11



- 11) Ensure cover is in final position as shown in Fig 12.

## INSTALLATION PROCEDURE:

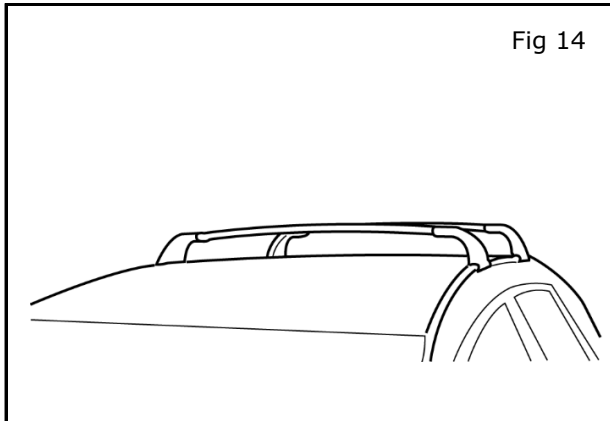


12) Turn key using quarter size coin② to lock the plastic cover as shown in Fig 13.

13) Repeat steps 10 through 12 for assembly of passenger side plastic cover.

**NOTE:**

**Please ensure the plastic cover is seated correctly before locking.**



14) Repeat steps 1 through 13 for assembly of Rear crossbar.

15) After assembly of both front and rear crossbar, wiggle crossbars with hand to check for loose parts.

Crossbars should have snug fit to rail.

**NOTE:**

**If either crossbar is loose, uninstall crossbar and repeat the steps 1-14 carefully.**

16) Place the T30 Torx Key & roof rail protective covers inside the poly bag and stow in glovebox for future use.