

**Part Number: PT767-16220****Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Front Crossbar
2	1	Rear Crossbar
3	4	Crossbar Covers

**Hardware Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Torque Tool
2	1	User's Manual
3		
4		
5		

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description
1		
2		
3		

**Conflicts**

None
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**Recommended Tools**

<b>Personal &amp; Vehicle Protection</b>	<b>Notes</b>
Safety Glasses	
Protective covering (for vehicle)	
<b>Special Tools</b>	<b>Notes</b>
<b>Installation Tools</b>	<b>Notes</b>
Torque Wrench	0-15 N.m
Plastic Trim Removal Tool	
T40 Torx bit	
T27 Torx bit	
<b>Special Chemicals</b>	<b>Notes</b>

**General Applicability**

MY22 and newer Corolla Cross models
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**Recommended Sequence of Application**

Item #	Accessory
1	
2	
3	

\*Mandatory

**Vehicle Service Parts** (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
2		
3		

**Legend****STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.**OPERATOR SAFETY:** Use caution to avoid risk of injury.**CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.**TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.**REVISION MARK:** This mark highlights a change in installation with respect to previous issue.**SAFETY TORQUE:** This mark indicates that torque is related to safety.**REGULATORY MARK:** This mark indicates the component is related to regulatory compliance

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.


These guidelines can be found in the "Accessory Installation Practices" document.

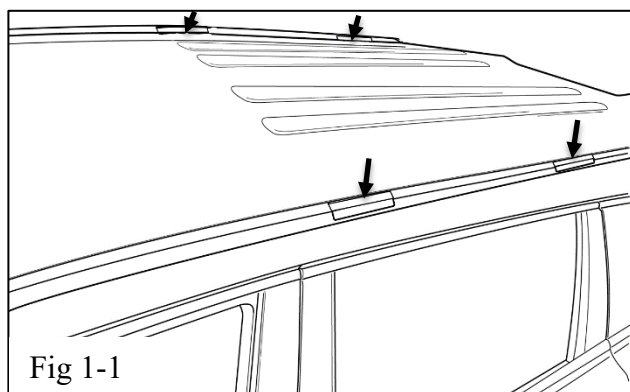
This document covers such items as:-


- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

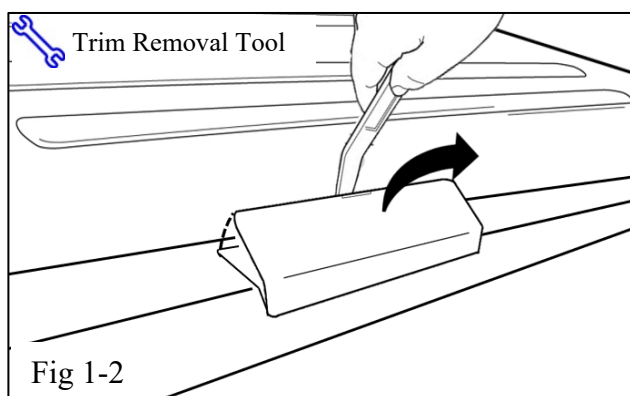
Please see your Toyota dealer for a copy of this document.


## 1. Remove Covers

 **NOTE: Be careful during installation to prevent scratching of roof rails and vehicle roof. Cover vehicle with a protective covering.**

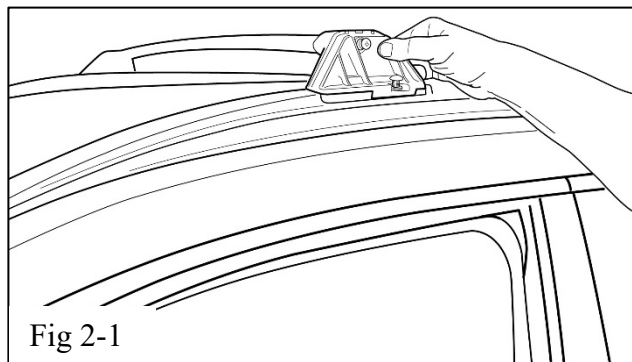


 (a) Locate 4 covers on side rails on roof of vehicle (Fig. 1-1).



 (b) Use Trim Removal tool to remove side rail caps by prying up from inner side and rotating outward as shown (Fig. 1-2). Place the caps in the supplied plastic bag and retain for use in Step 4.

## 2. Install Crossbars

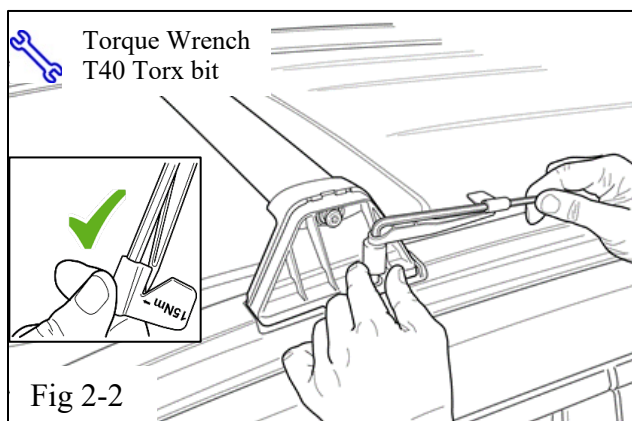


- (a) Place crossbar over roof side rails aligning the bolt in the stanchion over the threaded hole in the roof side rail (Fig. 2-1).

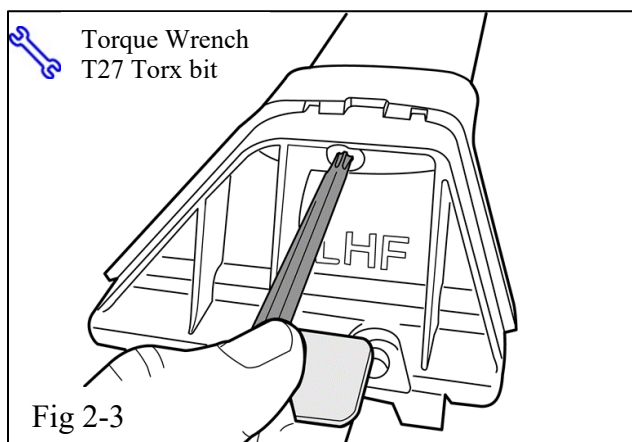


**NOTES: Ensure crossbars are in correct position by designations on stanchions LHF, RHF, and LHR, RHR.**

- (b) Hand start the bolt into the threaded hole in the roof side rail.



- (c) Torque the T40 bolts to 15 N-m (11 ft-lbs) (133 in-lbs) (Fig. 2-2).



- (d) Torque the T27 crossbar attachment bolts on the LH side to 2.5 N-m (1.8 ft-lbs) (22 in-lbs) (Fig. 2-3).

### 3. Install Covers Onto Crossbars.

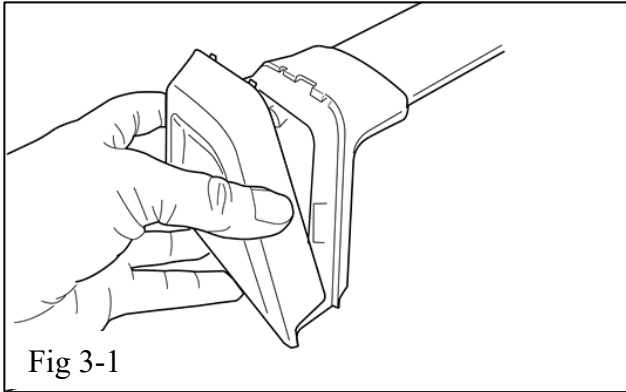


Fig 3-1

- (a) Identify the corresponding crossbar stanchion cover (LHF/LHR,RHF,RHR) and align with the bottom of the stanchion (Fig. 3-1).

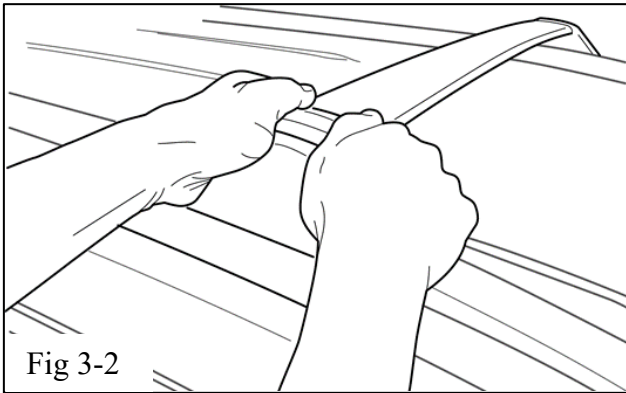


Fig 3-2

- (b) Rotate the top of the cover toward the stanchion and use both hands to firmly press to snap the top and side tabs into place (Fig. 3-2).



**NOTE: Check the fit of the cover to the stanchion to ensure covers are seated properly at top and along all edges after snapping into place.**

- (c) Repeat steps (2) through (3) with the second crossbar.

### 4. Complete Installation

- || Place the torque wrench, user's manual and bag with the side rail caps in the supplied plastic bag.
- || Place this bag in the glove box.

Checklist - these points **MUST** be checked to ensure a quality installation.

<u>Check:</u>	<u>Look For:</u>
<u>Accessory Function Checks</u>  <input type="checkbox"/> Crossbar cover engagement  <input type="checkbox"/> Side rail covers, User's Manual, and torque tool	Ensure crossbar covers are fully engaged.  Side rail covers, users guide and torque tool inside vehicle glove box.
<u>Vehicle Function Checks</u>  <input type="checkbox"/>	
<u>Vehicle Appearance Check</u>  <input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.	Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMNA Accessory Quality Shipping Standard.)