

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Crossbar Assembly Front
2	1	Crossbar Assembly Rear
3	2	RH Crossbar Covers
4	2	LH Crossbar Covers
5	1	Hardware Bag

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	1	Torque Tool
2	4	Tethers
3	4	Anti-Rotation Caps
4	1	Users Guide
5		
6		
7		

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		
2		
3		

Conflicts

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Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	
Vehicle Protection	Cloth
Wrist & Belt Buckle Protection	
Special Tools	Notes
Plastic trim removal tool	
Installation Tools	Notes
13mm Socket	
Torque Wrench	0-75 Lbf-in
Special Chemicals	Notes

General Applicability

All models 2014-

Recommended Sequence of Application

Item #	Accessory
1	
2	
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	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.

Procedure

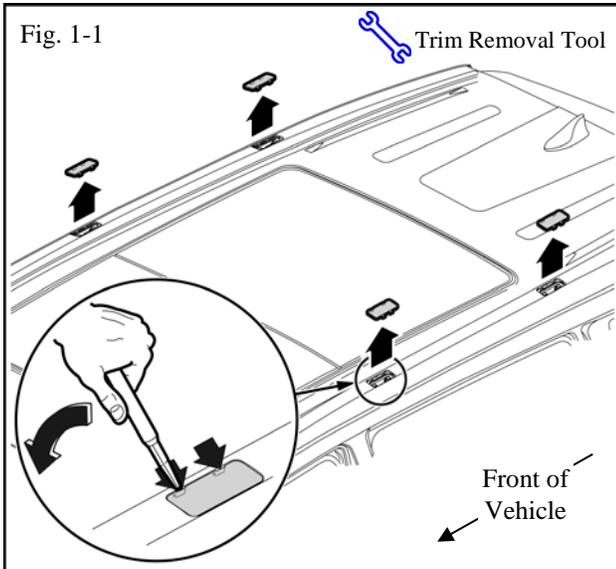
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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

This document covers such items as:-

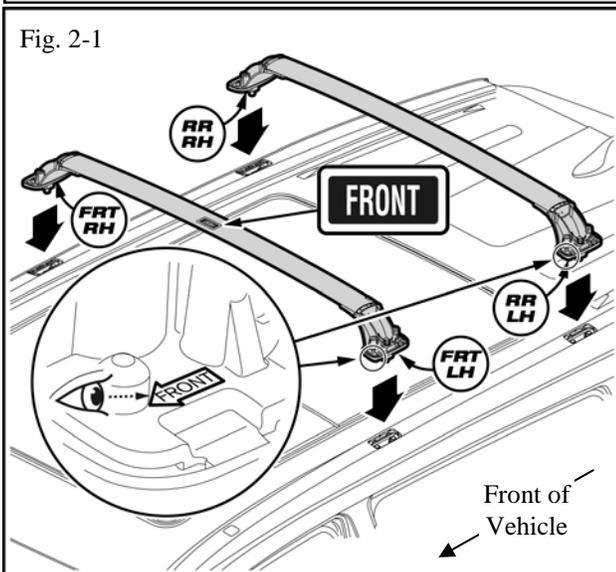
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

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



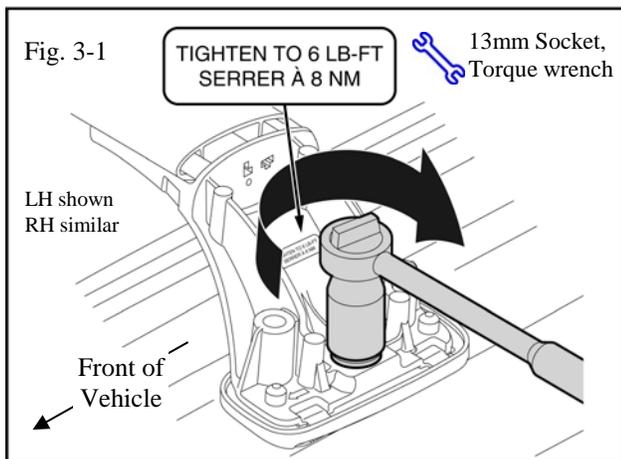
1. Remove side rail covers (Fig. 1-1).

- ⚠ (a) Using a plastic trim removal tool, carefully remove the 4 trim covers by pressing the tabs and prying up (4 places).
- ⚠ (b) Place the covers in the glove box.



2. Install crossbars (Fig. 2-1).

- ⚠ (a) Make sure the arrows on the crossbar end supports are pointing toward the front of the vehicle.
- ⚠ **NOTE: FRONT CROSSBAR HAS "FRONT" LABEL.**
- ⚠ **NOTE: FRONT AND REAR, LH AND RH, ARE MOLDED INTO THE SUPPORT PAD BOTTOM.**

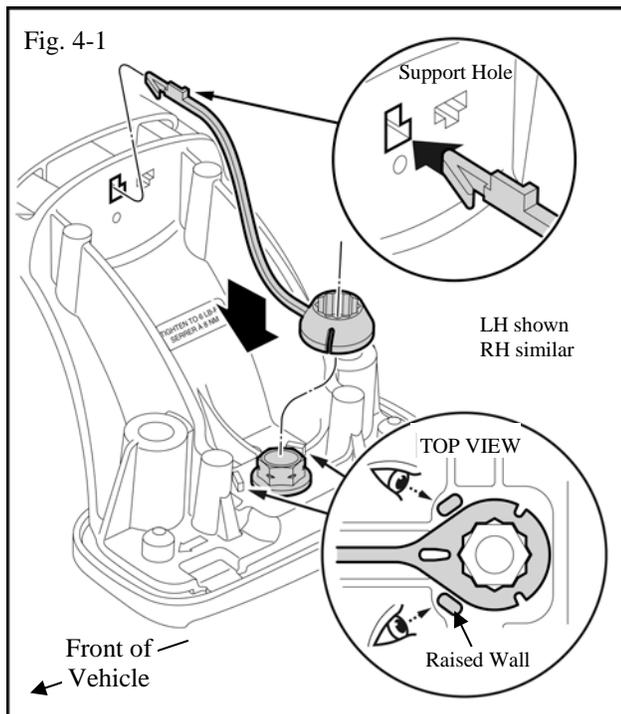


3. Secure crossbars (Fig. 3-1).

- ⚠ (a) Using a 13mm socket, tighten the bolt to 8 N·m (71 Lbf-in) (4 places).

Torque: 8 N·m (71 in·lbs)

- ⚠ (b) Verify all supports are snug and properly fitted to the side rail (4 places).



4. Attach anti-rotation caps to crossbars (4 Places) (Fig. 4-1).

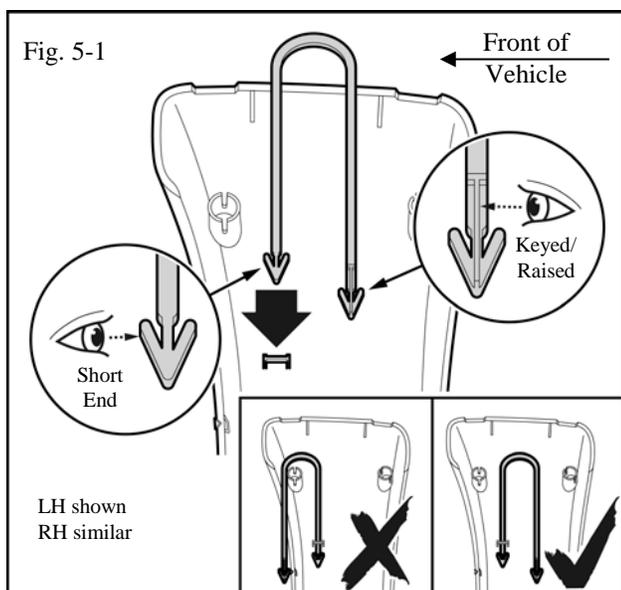
- (a) Install the tether end of the anti-rotation cap into the crossbar support.
- (b) Install a cap over the crossbar bolt.

⚠ **NOTE: Verify the proper orientation of the tether into the hole specified in Fig. 4-1.**

⚠ **NOTE: Verify the tether is fully engaged and locked into the support.**

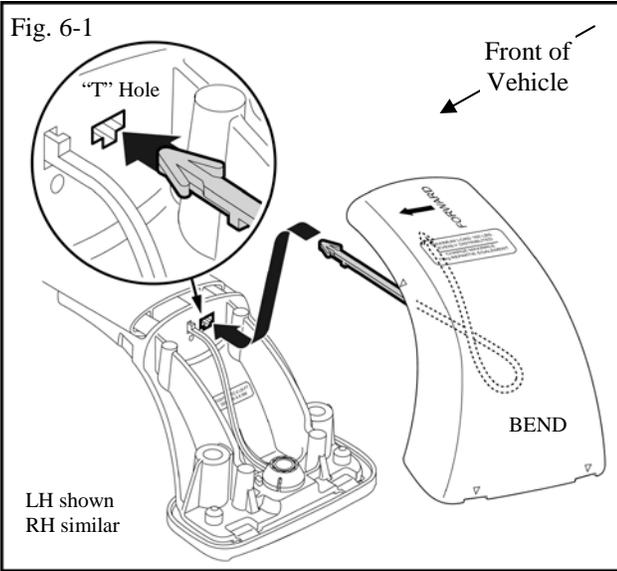
⚠ **NOTE: Verify the caps are fully engaged over the bolt.**

⚠ **NOTE: Verify the caps are centered between the 2 small raised walls on the support.**



5. Attach tethers to crossbar covers.

- (a) Install the 4 tethers on the covers (2 RH, 2 LH) (Fig. 5-1).
 - (1) Install the short end of the tether through the loop on the cover.
- ⚠ **NOTE: Verify the tether is centered in the cover.**
- ⚠ **NOTE: Verify the tether is fully engaged and locked into the cover.**



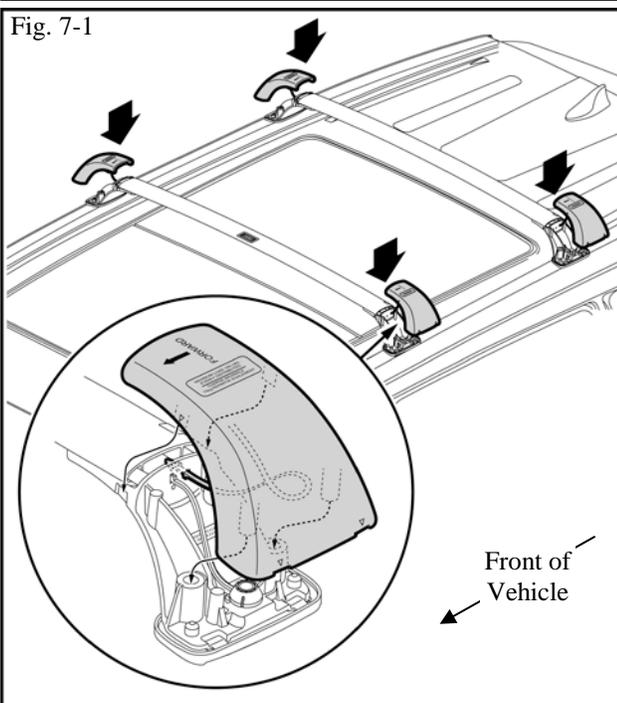
6. Attach tethers to crossbars (Fig. 6-1).

- (a) Install the 4 tethers (2 RH, 2 LH) with covers on to the crossbar supports.

(1) The tether is flat and must be bent when installing (Fig. 6-1).

⚠ NOTE: Verify the proper orientation of the keyed/raised end of the tether when inserting into the “T” shape hole in the crossbar support (Fig. 6-1).

⚠ NOTE: Verify the tether is fully engaged and locked into the support.



7. Install crossbar covers.

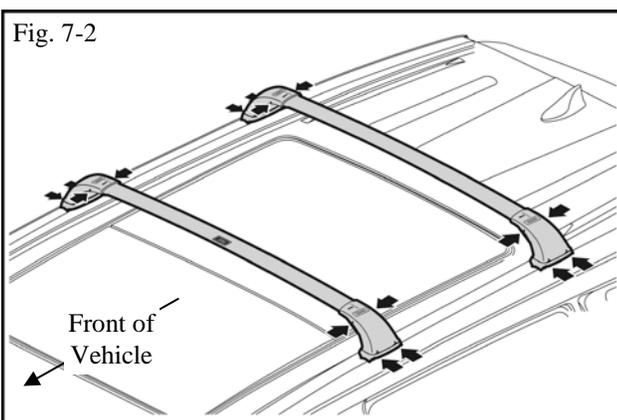
- (a) Install the crossbar covers (4 places) (Fig. 7-1).

(1) Line up the cover posts with the holes in the supports. Press down firmly (Fig. 7-1).

⚠ NOTE: Make sure the covers are fully engaged at each location marked with a triangle (16 places) (Fig. 7-2).

8. Install Installation Instructions.

- STOP** (a) Place the crossbar Users Guide and torque tool in the vehicle’s glove box.



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5	1	Hardware Bag

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	1	Torque Tool
2	4	“J” Hook Bolts
3	4	Nuts
4	4	Tethers
5	4	Anti-Rotation Caps
6	1	Users Guide
7		

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
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Conflicts

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Recommended Tools

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Safety Gloves	
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Wrist & Belt Buckle Protection	
Special Tools	Notes
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13mm Socket	
Torque Wrench	0-75 Lbf-in
Special Chemicals	Notes

General Applicability

All models 2014-

Recommended Sequence of Application

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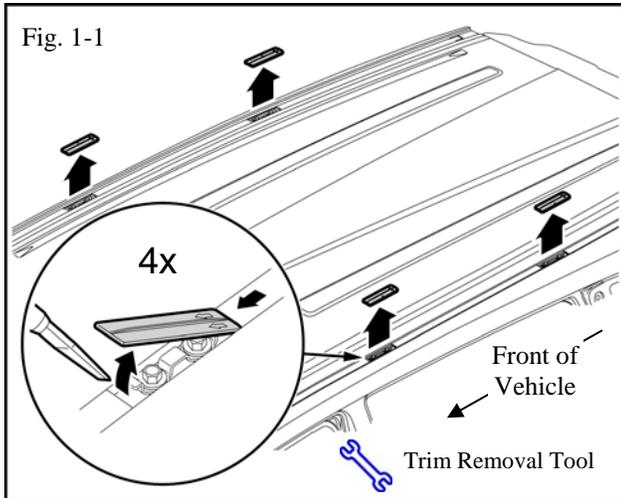
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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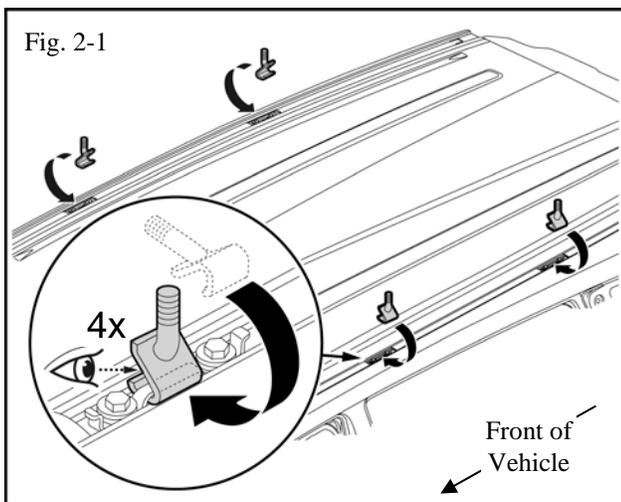
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
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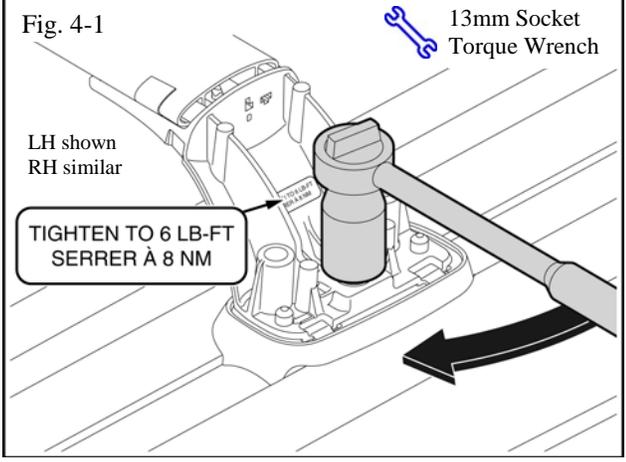
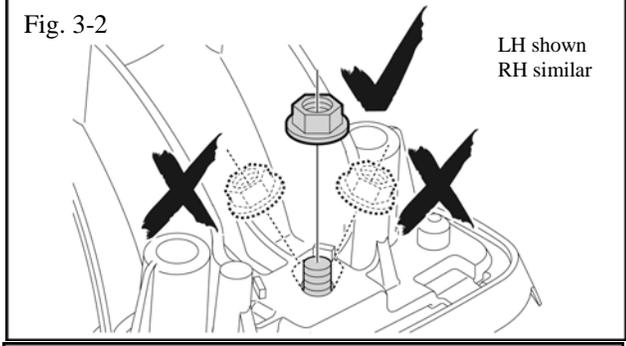
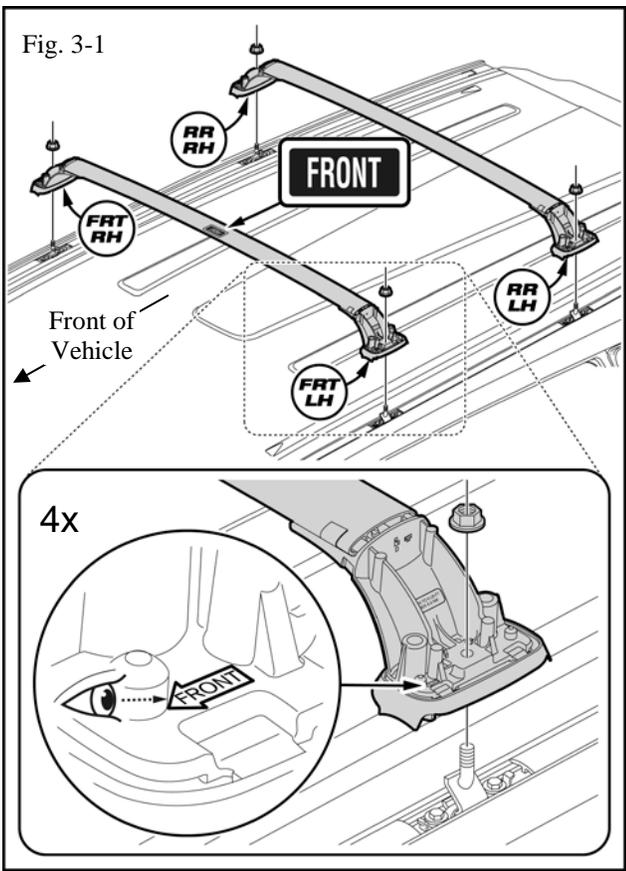
1. Remove access covers (4 places) (Fig. 1-1).

- ⚠ (a) Push on the end with the arrows in the direction of the arrows.
- ⚠ (b) Lift up on the opposite end while pushing the arrow end. Use a plastic trim removal tool as needed to pry the cover up.
- (c) Place the access covers in the glove box.



2. Install "J" Hook Bolts (Fig. 2-1).

- ⚠ (a) Install the "J" Hooks to the roof mount brackets so the bolts are facing toward the outside of vehicle.



3. Install the crossbars (Fig. 3-1).

(a) Carefully place the crossbars over the “J” hook bolts, making sure not to dislodge the “J” hook bolt from the roof mounting bracket.

⚠ NOTE: The front crossbar has a “Front” label

⚠ NOTE: The crossbars have a “Front” arrow molded on the supports. These should point toward the front of the vehicle.

⚠ NOTE: Front and rear, LH and RH are molded into the support pad bottom.

(b) Install nuts on to the “J” hook bolts. Hand Tighten. Make sure the bolt and nut are pointing straight through the crossbar (4 places) (Fig. 3-2).

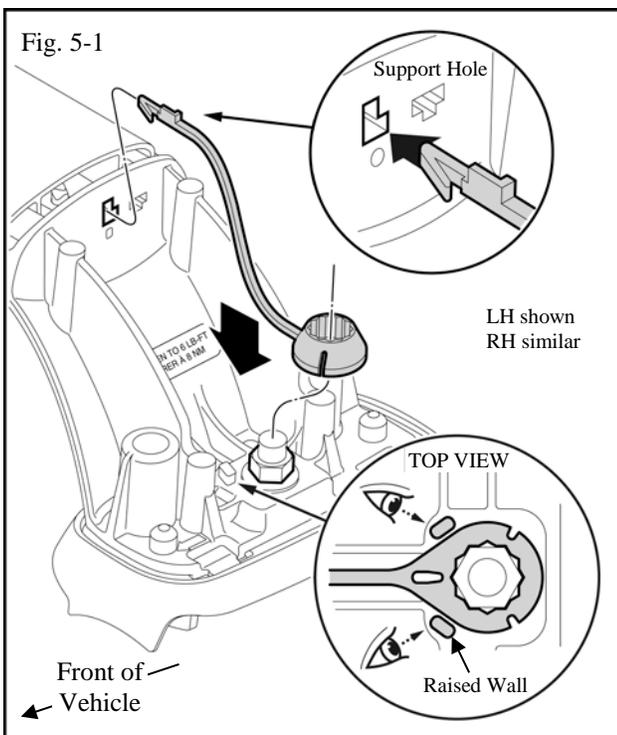
4. Secure crossbars (Fig. 4-1).

⚠ (a) Before securing the crossbars, make sure the “J” hook bolt and nut are pointing straight through the crossbar support and not on an angle (Fig. 3-2).

⚠ (b) With a 13mm socket, tighten the nut to 8 N-m (71 Lbf-in) (4 places).

S Torque: 8 N•m (71 in•lbs)

⚠ (c) Verify all supports are snug and properly fitted to the roof and ditch mold (4 places).



5. Attach anti-rotation caps to the crossbars (4 Places) (Fig. 5-1).

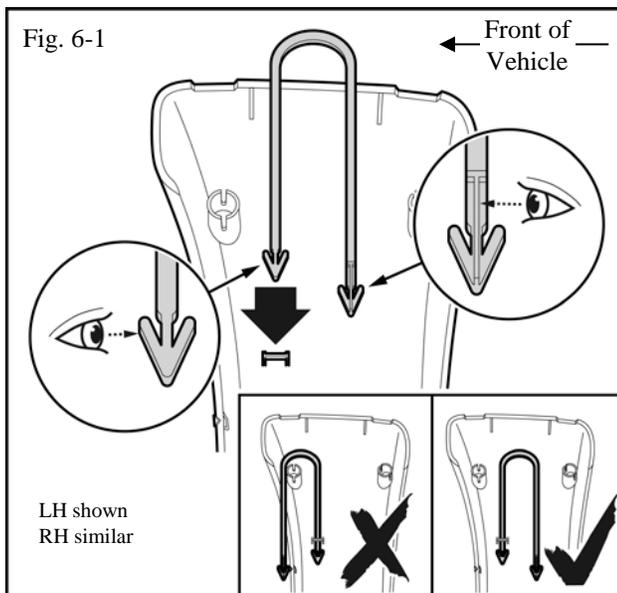
- (a) Install the tether end of the anti-rotation cap into the crossbar support.
- (b) Install a cap over the crossbar bolt and nut.

⚠ NOTE: Verify the proper orientation of the tether into the hole specified in Fig. 5-1.

⚠ NOTE: Verify the tether is fully engaged and locked into the support.

⚠ NOTE: Verify the caps are fully engaged over the bolt and nut.

⚠ NOTE: Verify the caps are centered between the 2 small raised walls on the support.



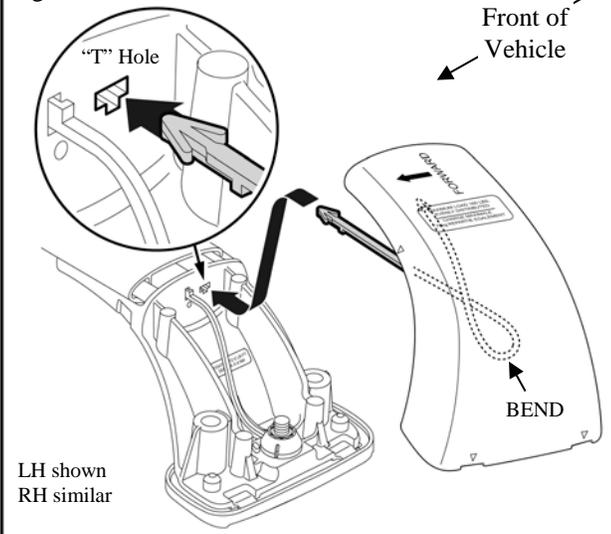
6. Attach the tethers to the crossbar covers.

- (a) Install the 4 tethers on the covers (2 RH, 2LH) (Fig. 6-1).
 - (1) Install the short end of the tether through the loop on the cover.

⚠ NOTE: Verify the tether is centered in the cover

⚠ NOTE: Verify the tether is fully engaged and locked into the cover.

Fig. 7-1



7. Attach the tethers to crossbars (Fig. 7-1).

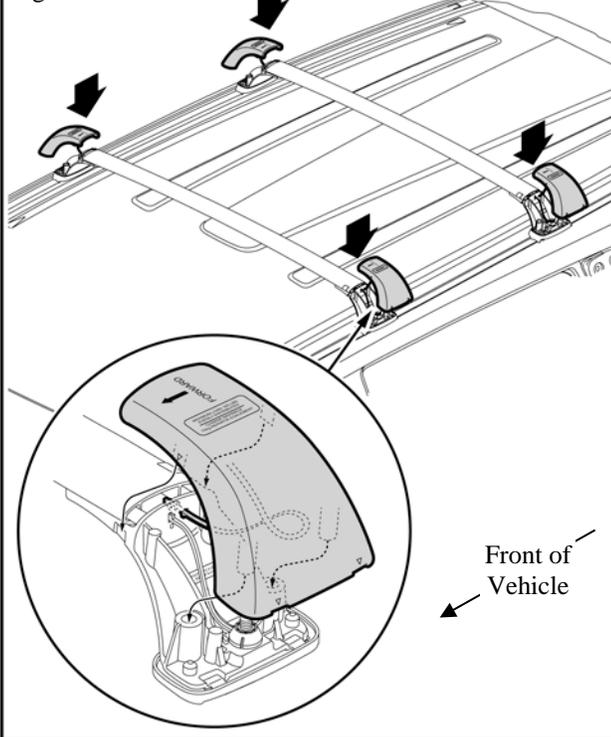
- (a) Install the 4 tethers (2RH, 2LH) with covers onto the crossbar supports.

(1) The tether is flat and must be bent when installing (Fig. 7-1).

⚠ NOTE: Verify the proper orientation of the keyed/raised end of the tether when inserting into the "T" shape hole in the crossbar support (Fig. 7-1)

⚠ NOTE: Verify the tether is fully engaged and locked into the support.

Fig. 8-1



8. Install crossbar covers.

- (a) Install the crossbar covers (4 places) (Fig. 8-1).

(1) Line up the cover posts with the holes in the supports. Press down firmly (Fig. 8-1).

⚠ NOTE: Make sure covers are fully engaged at each location marked with a triangle (16 places) (Fig. 8-2).

9. Install Installation Instructions.

- STOP** (a) Place the crossbar Users Guide and torque tool in the vehicle's glove box.

Fig. 8-2

