

Note: Crossbar Accessory is NOT compatible with Panoramic Sunroof.



## HYUNDAI Genuine Accessories

Vehicle Model	<u>Santa Fe / Santa Fe Sport</u>	Accessory	<u>Crossbars</u>
Model Year	<u>2013~</u>	Difficulty	<u>A</u>
Hyundai Part No.	<u>4Z021-ADU01</u>		

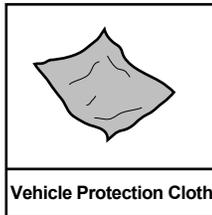
- Accessory Installation

Note: Difficulty stated above reflects the minimum level of expertise required to install the accessory  
 ( A ) Customer ( B ) Dealer Technician ( C ) Master Technician

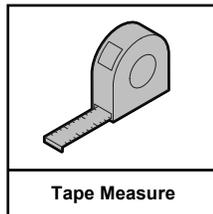
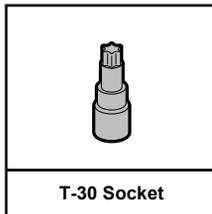
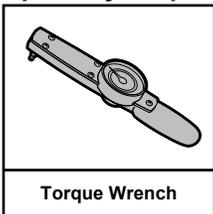
### Instructional Symbols / Definitions

	Denotes warnings that may lead to serious physical injury or vehicle damage.		Denotes quality processes to be checked prior to moving to the next step.	Denotes safety equipment required to be used such as a mask, goggles, rubber gloves, and hearing protection.	
	Denotes cautions to be taken to avoid physical injury or electronic component damage.		Denotes specific tools that are necessary to complete the step.		
	Denotes cautions to be taken to avoid vehicle and component damage.		Denotes instructional steps necessary to complete the process.		
				Mask	Goggles
				Rubber Gloves	Hearing Protection

### Basic Required Hand Tools



### Specialty Required Tools



<b>FMVSS110 Compliance Information</b>  <b>6.3 lbs (Gross Weight)</b>	All dealers must determine if the weight they have added in the form of all options or accessories, when added to the weight of all Port Installed options or accessories, exceeds the lesser of 1.5% of GVWR or 100 lbs. If the additional weight does exceed the lesser of the indicated thresholds, a "Load Carrying Capacity Reduced" label must be installed. A black, fine-point, indelible marker must be used to write by hand onto the label, the reduced carrying capacity in kilograms or pounds, which is the total weight of all added options and accessories. <b>Load Label Part Number: NP070-09003</b>
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### Notes to the Installer:

- 1) Do not use Part No. 4Z021-ADU01 on vehicles equipped with the panoramic sunroof.
- 2) Read the entire installation pamphlet prior to beginning the installation of this accessory.
- 3) Ensure the vehicle is properly protected in the area(s) that the accessory is to be installed.
- 4) To prevent vehicle damage, never place tools on top of painted surfaces, seats, dash pad, console or floor carpet/mats.
- 5) Always wear appropriate safety gear to include gloves and eye protection when required.
- 6) Replace M6-T30 screws with Service Part Number 4Z021-ADUS3 after loosening the screws 5 times.

# HYUNDAI Genuine Accessories

## Kit Overview

The diagram illustrates the components of the kit. Item 1 is the longer front crossbar, item 2 is the shorter rear crossbar, and item 3 is a cylindrical hardware bag containing a quick reference guide, installation instructions, and a warning card.

No.	Qty.	Description
1	1	Front Crossbar (Longer)
2	1	Rear Crossbar (Shorter)
3	1	Hardware Bag

**WARNING:** Do not exceed manufacturer's roof load limits of 220 lbs / 100 kg (evenly distributed). See owners manual.

## Hardware Overview

<b>A</b>	
1	"L" Tool

<b>B</b>	
1	Quick Reference Guide

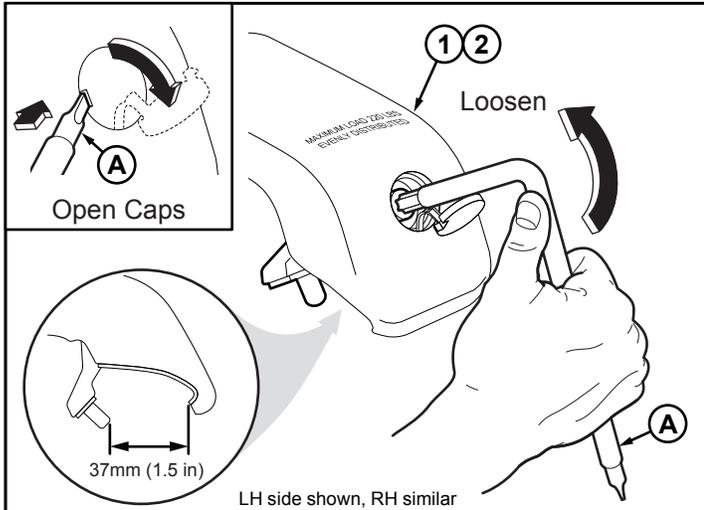
<b>C</b>	
1	Installation Instructions

<b>D</b>	
1	Hardware Bag

<b>E</b>	
1	Warning Card

<b>Hardware Kit Total</b>
<b>5</b>

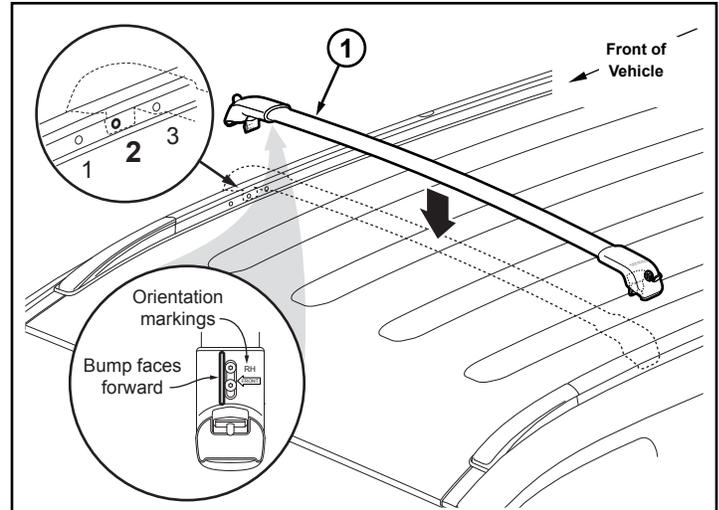
# HYUNDAI Genuine Accessories



Vehicle Protection Cloth, Measuring Tape & "L" Tool **1**

**NOTE**  
**Prepare Crossbars for Installation**  
**OPEN CAPS:** Insert flat edge of "L" Tool between the notch in the cap and the crossbar clamp. Carefully pry open by pressing inward to release locking tab. **Do not damage** cap locking tabs by pressing in too far.  
**LOOSEN LOWER CLAMPS:** Using "L" Tool Torx-30 side, loosen lower clamps to allow 37mm (1.5 in) clearance for rail (do not remove clamp).

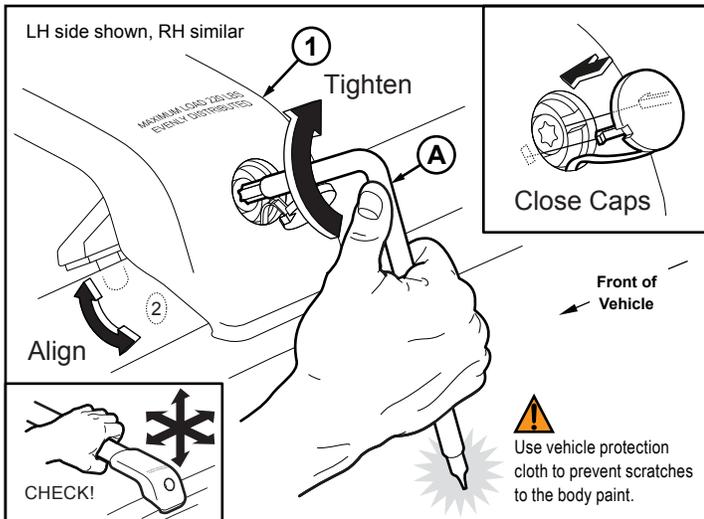
**CAUTION:** Place vehicle protection cloth over crossbar clamp near cap notch to prevent component damage/scratches. Cap has tether, do not fully remove.



Vehicle Protection Cloth and Stool/Step Ladder **2**

**NOTE**  
**Install Front Crossbar**  
 Identify front crossbar (longer). Orient on vehicle using markings located underneath which indicate FRONT and RH/LH side of vehicle. Carefully position crossbar in **#2 hole position** on both sides.

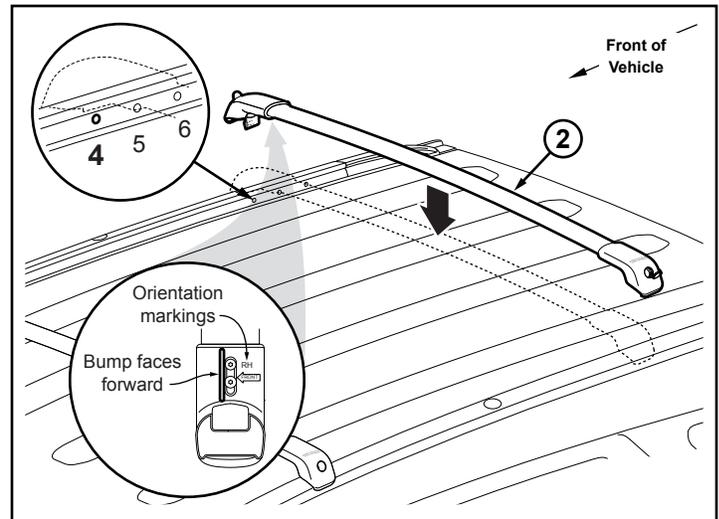
**CAUTION:** Use vehicle protection cloth to cover (protect) vehicle and component surfaces from installer tools and contact. Use a stool/step ladder to get above the vehicle if necessary.



Vehicle Protection Cloth, Stool/Step Ladder, Torque Wrench & T-30 Socket **3**

**NOTE**  
**TIGHTEN CLAMPS:** With front crossbar pin in **#2 hole position**, use "L" tool Torx-30 side to tighten both clamps. **Do not force if pin is not square in the hole.**  
**Using Torque Wrench and T-30 Socket, verify  $8 \pm 0.5$  N.m ( $5.9 \pm 0.37$  ft-lb) torque. Rock the crossbar to ensure tightness.**

**CLOSE CAPS:** Reinstall caps making sure to align snapping tabs with holes in crossbar clamp.



Vehicle Protection Cloth and Stool/Step Ladder **4**

**NOTE**  
**POSITION REAR CROSSBAR:** Identify the rear crossbar (shorter). Orient on vehicle using markings located underneath which indicate FRONT and RH/LH side of vehicle. Carefully position rear crossbar above **#4 hole position** on both sides.

**CAUTION:** Use vehicle protection cloth to cover (protect) vehicle and component surfaces from installer tools and contact. Use a stool/step ladder to get above the vehicle if necessary.

## HYUNDAI Genuine Accessories

LH side shown, RH similar

2 Tighten

Align

4

Close Caps

Front of Vehicle

Use vehicle protection cloth to prevent scratches to the body paint.

CHECK!

🔧	Vehicle Protection Cloth, Stool/Step Ladder, Torque Wrench & T-30 Socket	<b>5</b>
<b>NOTE</b>	<p><b>TIGHTEN CLAMPS:</b> With rear crossbar pin in <b>#4 hole position</b>, use "L" tool Torx-30 side to tighten both clamps. <b>Do not force if pin is not square in the hole.</b></p> <p><b>Using Torque Wrench and T-30 Socket,</b> verify <math>8 \pm 0.5 \text{ N.m}</math> (<math>5.9 \pm 0.37 \text{ ft-lb}</math>) torque. <b>Rock the crossbar to ensure tightness.</b></p>	
✔	<p><b>CLOSE CAPS:</b> Reinstall caps making sure to align snapping tabs with holes in crossbar clamp.</p>	

A B C E

D

D

🔧		<b>6</b>
<b>NOTE</b>	<p><b>INSTRUCTIONS, QRG, WARNING CARD &amp; "L" TOOL:</b> Place the installation instructions, quick reference guide (QRG), warning card and "L" tool into the hardware bag and place into the glove compartment.</p>	

## HYUNDAI Genuine Accessories Function Check

	Items To Be Checked	Results of the Check
	Verify the lower clamp pin is fully seated into side rails.	Clamp should rest firmly on rail without exposing mounting pin.
	Ensure the crossbars are in a locked position and do not jiggle or rattle. Firmly grab crossbar and wiggle in forward/rearward and upward/downward motions. No movement should occur.	Crossbars are secure and clamps fully tightened.
	Ensure crossbar caps are fully seated and snapped in position.	Crossbar caps should stay in place and not be loose.

## Visual Check

	Items To Be Checked	Results of the Check
	Verify front crossbar is in the #2 hole position and the rear crossbar is in the #4 hole position.	Crossbars are in correct position.
	Verify bag containing "L" tool, quick reference guide (QRG), and installation instructions is in glove compartment.	Bag is placed in glove compartment.

