

**SUBARU®****INSTALLATION INSTRUCTIONS****PART NUMBER: L101SAN620****DESCRIPTION: 2022 OUTBACK  
TRAILER HITCH PANEL**

NOTE: This panel is only for use with trailer hitch part number L101SAN000 on the Outback Wilderness Trim vehicle. Do not use with any other trim of the Subaru Outback.

**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE YOU START**

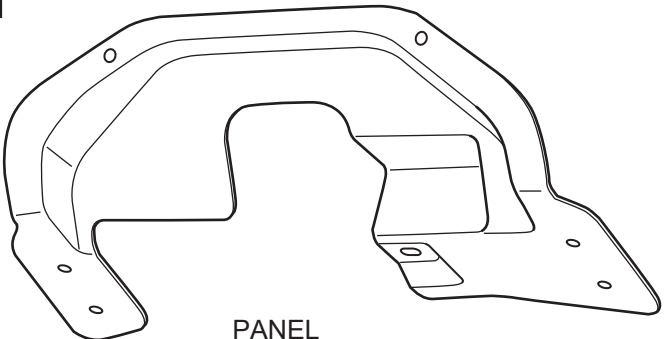
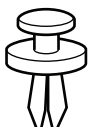
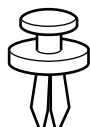
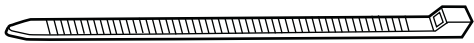
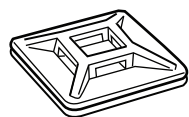
**SAFETY PRECAUTION:** When installing Trailer Hitch Panel, the use of safety glasses is recommended.

**WARNING:**

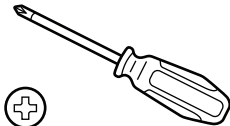
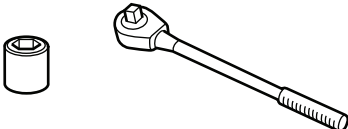
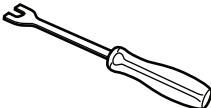
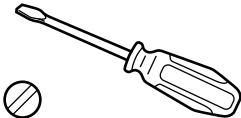

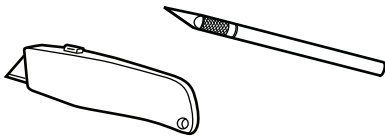
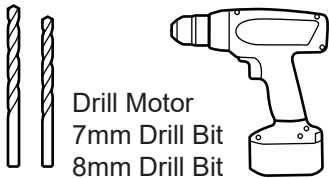

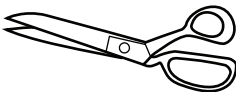
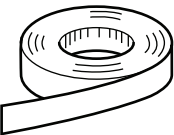
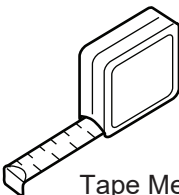
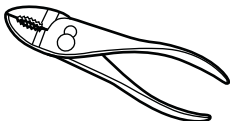
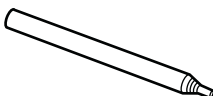


1. Always install the accessory following the instructions. Failure to do so may cause damage to the vehicle or the accessory.
2. Please also refer to SUBARU SERVICE MANUAL upon removing and re-assembling vehicle components.
3. Do not drill, cut or otherwise modify the Trailer Hitch Panel.
4. Do not lubricate the bolts and nuts with oil or grease.
5. When towing, total vehicle weight must not exceed the Gross Vehicle Weight Rating (GVWR). Also the load distribution on each axle must not exceed the Gross Axle Weight Rating (GAWR). The GVWR and GAWR for your vehicle can be found on the "Certification label" which is located on the left side center pillar of the vehicle.
6. For models equipped with RAB, refer to the part which indicated [RAB].
7. Ensure all recyclable discarded vehicle accessory components and packaging are recycled following local recycling regulations.
8. It is always recommended that this accessory is fitted by a qualified SUBARU technician.
9. In the engine bay, disconnect the negative battery terminal.
10. Safely store and protect any removed vehicle components.
11. Ensure all bare metal surfaces are protected using Automotive Bare Metal Primer and touch-up paint.
12. Remove all metal swarf and dust from all vehicle surfaces if surface is used for accessory installation.
13. For further information, read vehicle's owner manual or consult your dealer or dealer's service department.
14. Subaru accepts no liability for product defects caused by the vehicle owner or other persons and/or incorrect use.

Warranty is granted only when installation is done correctly by your SUBARU dealer. SUBARU reserves the right to change the design of accessories and/or construction, illustration, and text of this manual at anytime without prior notice.

# KIT CONTENTS:

<p>A</p>  <p>PANEL 1X</p>	<p>B</p>  <p>8mm PUSH PIN FASTENER 4X</p>	<p>C</p>  <p>7mm PUSH PIN FASTENER 2X</p>
<p>D</p>  <p>CABLE TIE 1X</p>	<p>E</p>  <p>CABLE TIE MOUNTING BASE 1X</p>	

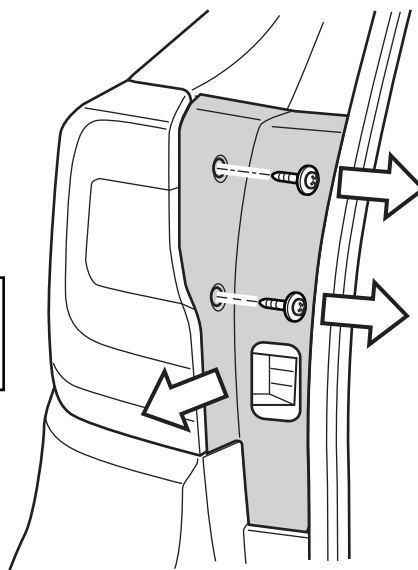
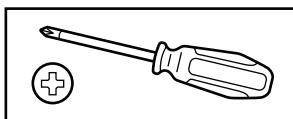
# TOOLS REQUIRED:

 Phillips Head Screwdriver	 10mm Socket and Ratchet	 Pry Tool		
 Flat Head Screwdriver	 Body Trim Stick	 Utility Knife		
 Drill Motor 7mm Drill Bit 8mm Drill Bit	 Drill Stop	 Scissors	 Tape	 Tape Measure
 Pliers	 Marker	 Alcohol	 Clean Cloth	

## 1) TAIL LIGHT REMOVAL

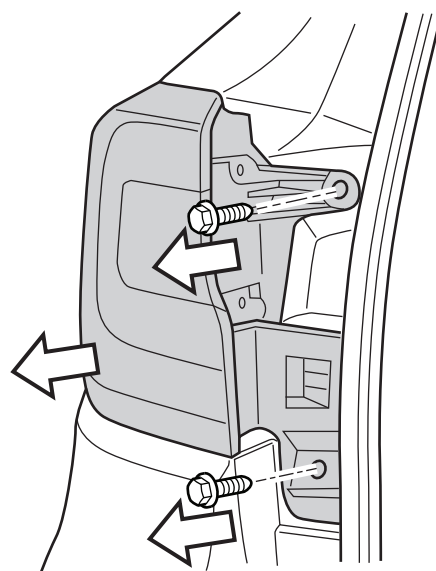
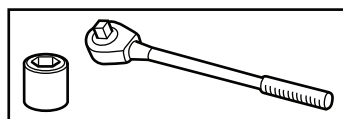
- a) Use a Phillips head screwdriver to remove two (2) screws and the tail light covers on both sides.

NOTE: Save fasteners for later reassembly.

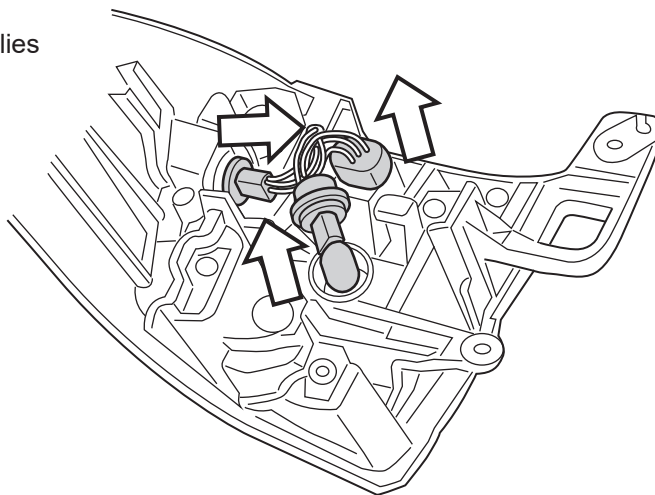


- b) Use a 10mm socket and wrench to remove two (2) bolts and pull the tail light assembly straight back to remove on both sides.

NOTE: Save fasteners for later reassembly.

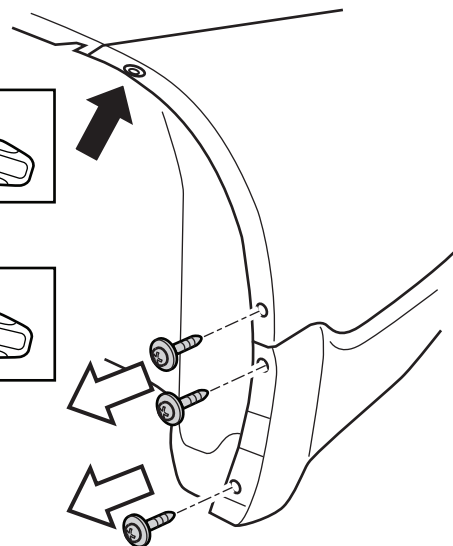
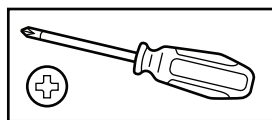
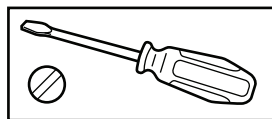


- c) Carefully remove the three (3) bulb assemblies from the sockets and set tail lamps aside.

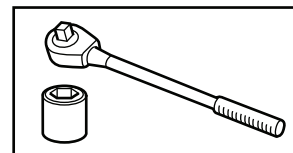
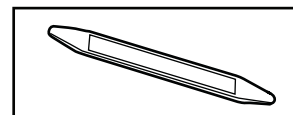
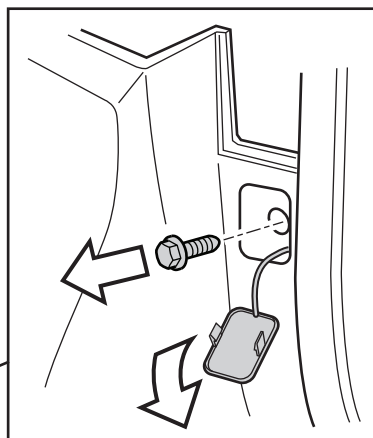


## 2) REAR BUMPER FASCIA REMOVAL

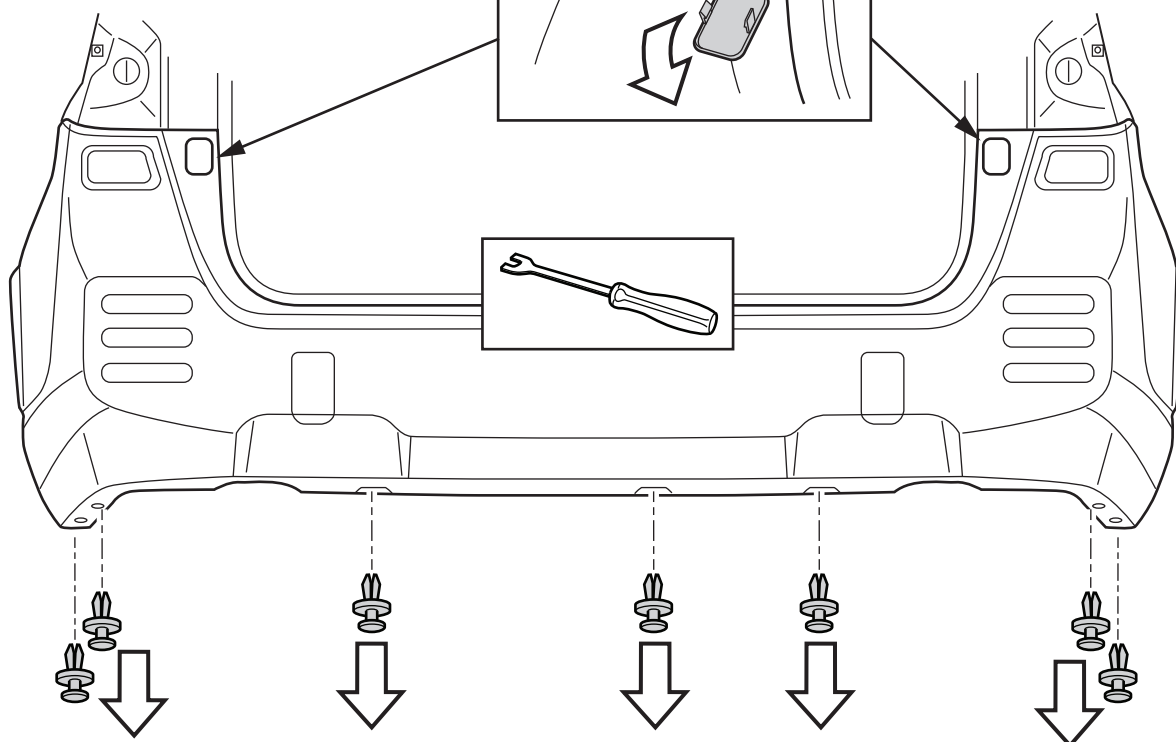
- a) Release the push button fastener on the upper edge of the wheel well. Use a small screwdriver to push in the center of the pin. Remove Phillips head screws at lower edge of wheel well. Repeat on opposite side of fascia. NOTE: Save fasteners for later reassembly.



- b) Use a pry tool to remove the cover panel at the top inside edge of the fascia. Use a 10mm socket and wrench to remove the bolt behind the panel. Repeat on opposite side of fascia.



- c) Use a pry tool or screwdriver to remove all push pin fasteners along the underside of the fascia.

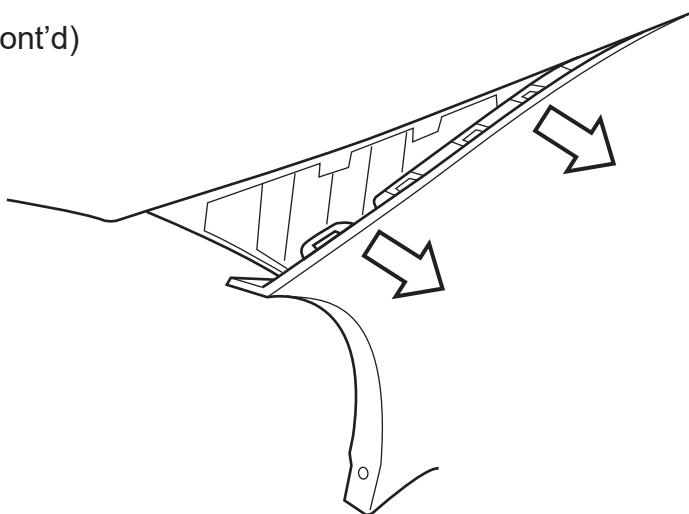


## 2) REAR BUMPER FASCIA REMOVAL (cont'd)

d) Using both hands, carefully pull out on the top edge of the fascia behind the wheel well to release the body clips on both sides.

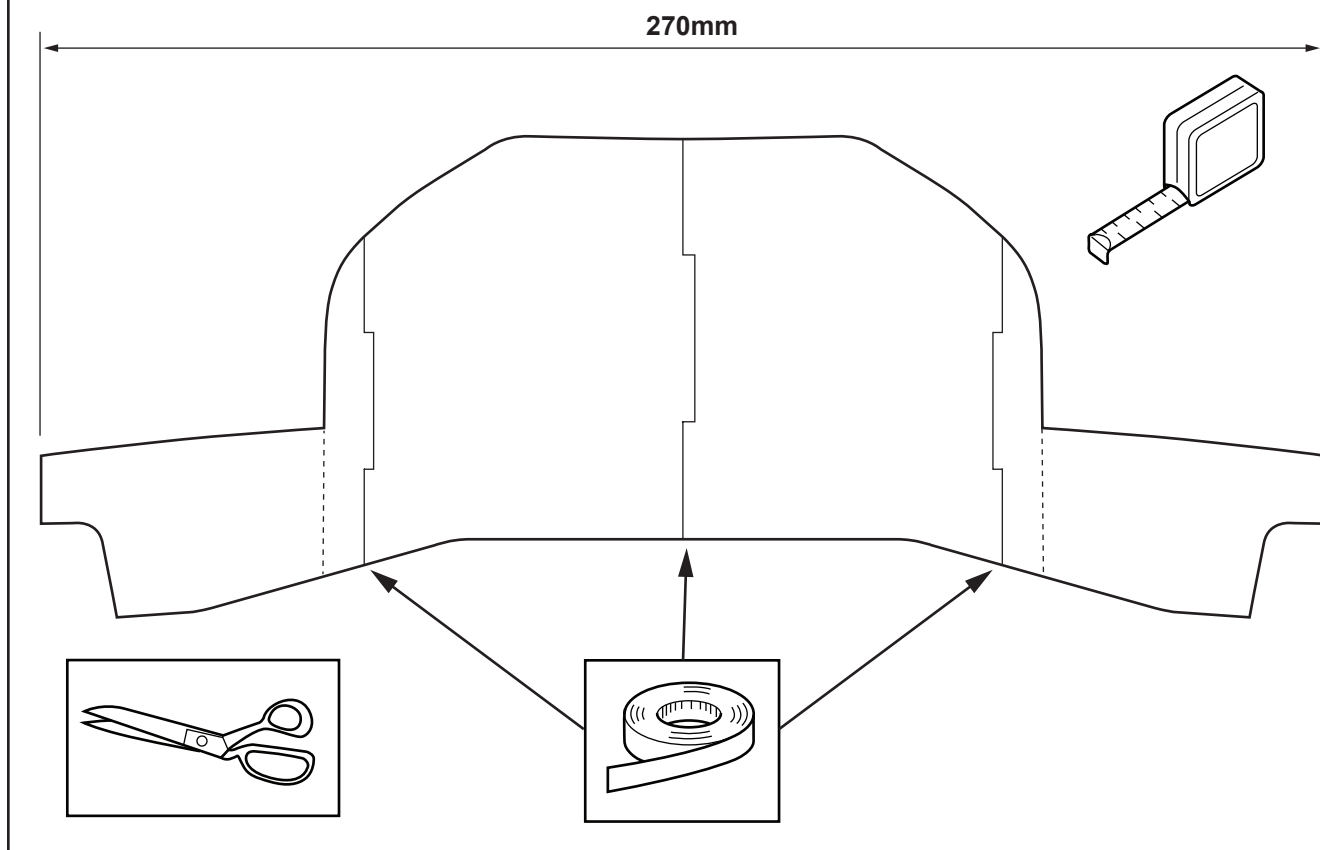
e) Disconnect any electrical connectors from inner surface of fascia.

f) Fully remove the rear fascia and place it on a clean work surface.



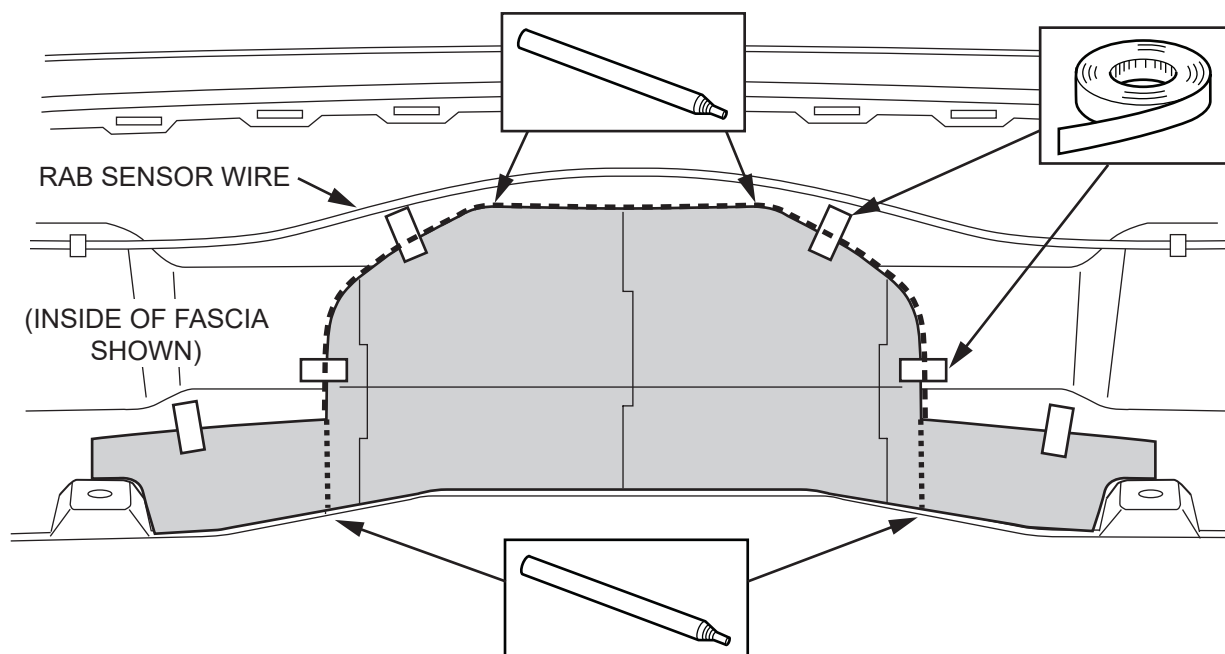
## 3) PREPARE TEMPLATE

a) Detach the last four (4) pages of this document, verify that the sizing is at proper 100% scale and trim out the template sections as indicated. Tape the four (4) sections together to assemble the complete template and measure overall dimensions again to verify accuracy.



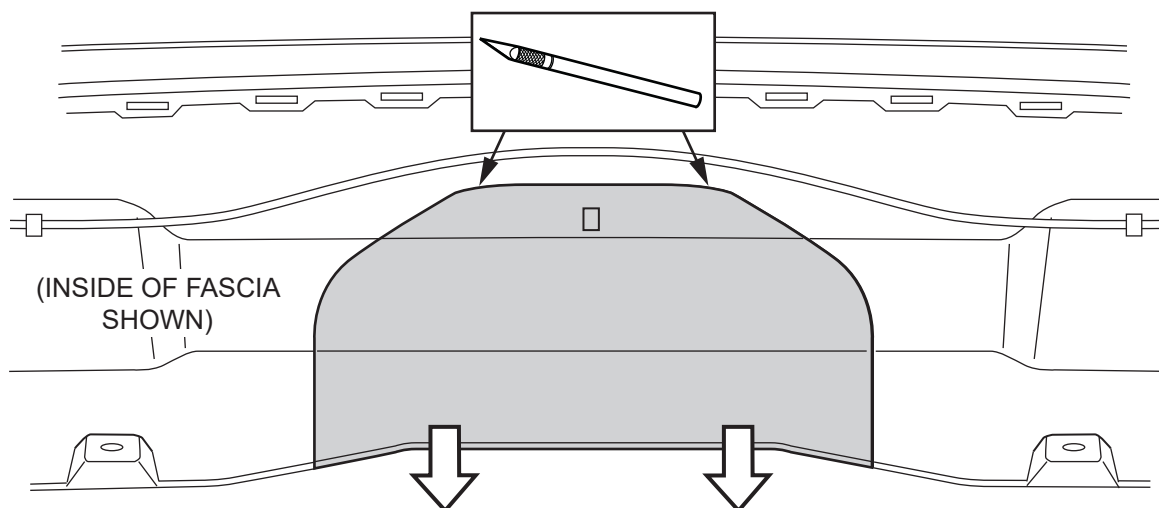
#### 4) POSITION AND MARK TEMPLATE

- a) Unclip the RAB sensor wire from the inside of the fascia and move it away from the cut area.
- b) Place the template on the inside surface of the rear fascia, align it as shown and secure with tape. Carefully mark the edge of the template noting that the cut will travel straight back along the dotted lines at the bottom surface of the fascia.



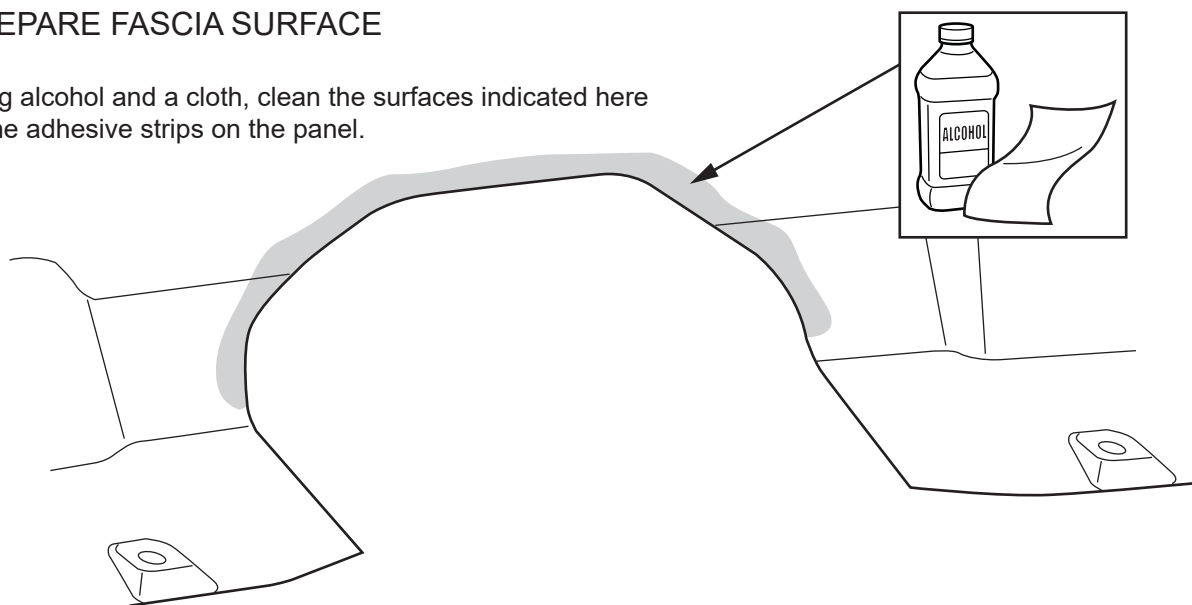
#### 5) CUT FASCIA

- a) **REMOVE THE TEMPLATE.** Using a utility knife, carefully follow the marked line to cut away the center section of the fascia.



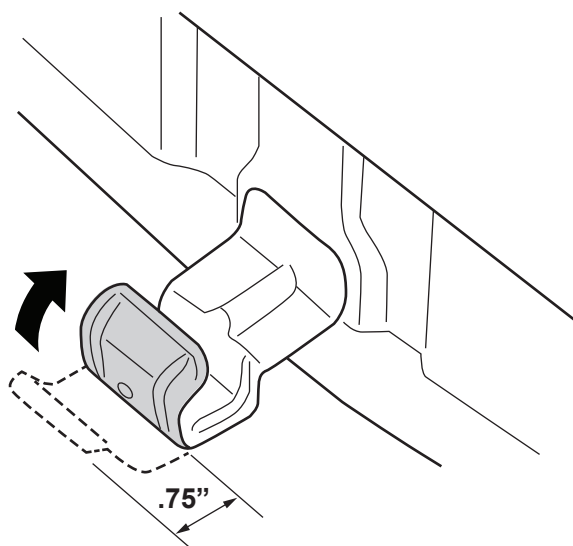
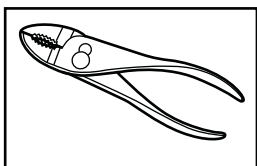
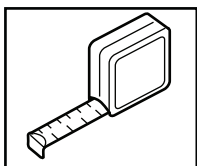
## 6) PREPARE FASCIA SURFACE

- a) Using alcohol and a cloth, clean the surfaces indicated here for the adhesive strips on the panel.



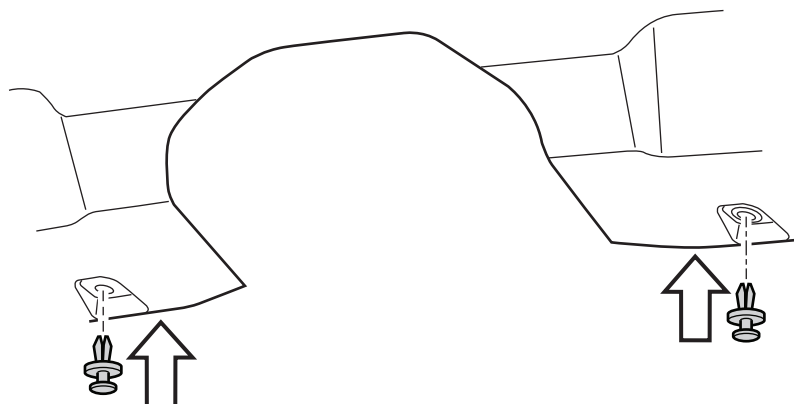
## 7) MODIFY CENTER BRACKET

- a) At the center rear of the vehicle, modify the metal bracket by measuring .75" and using pliers to carefully bend it upward as shown.



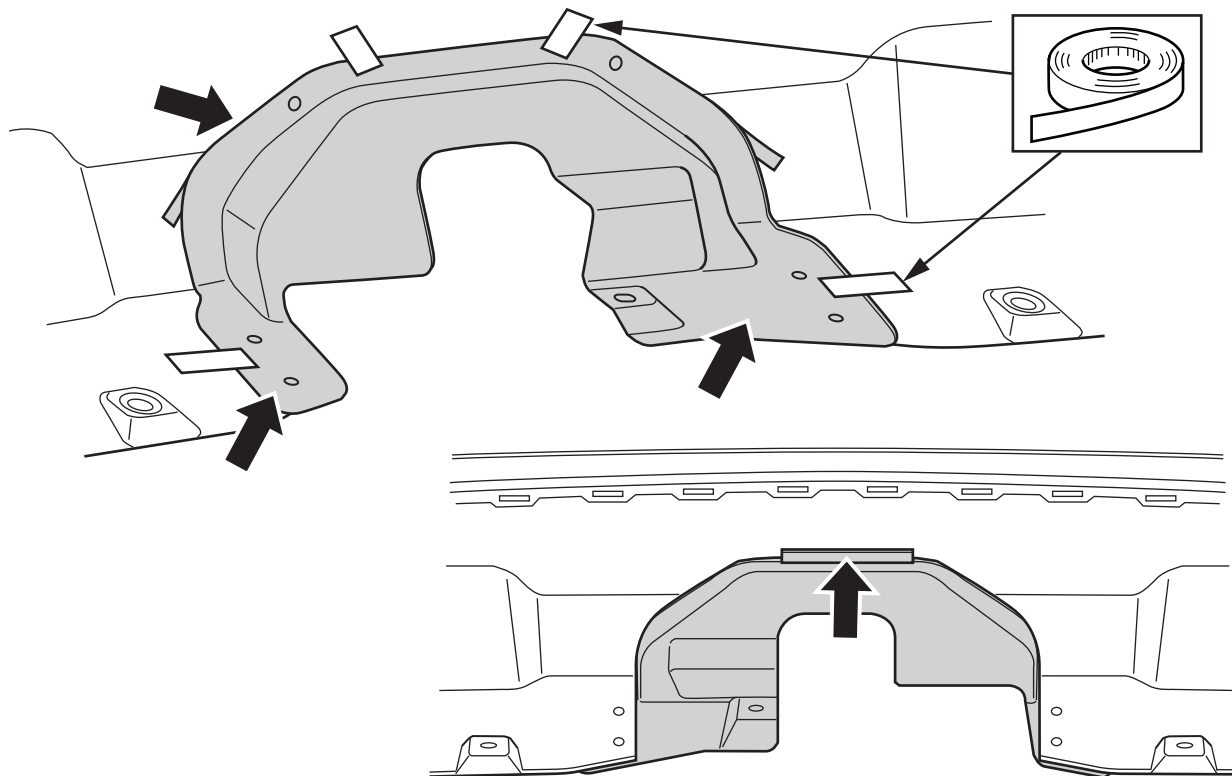
## 8) MOUNT FASCIA TO VEHICLE

- a) Press fascia firmly to engage the upper retention features.
- b) Insert the 2 lower fascia push pins surrounding the cut made in the fascia to locate it.

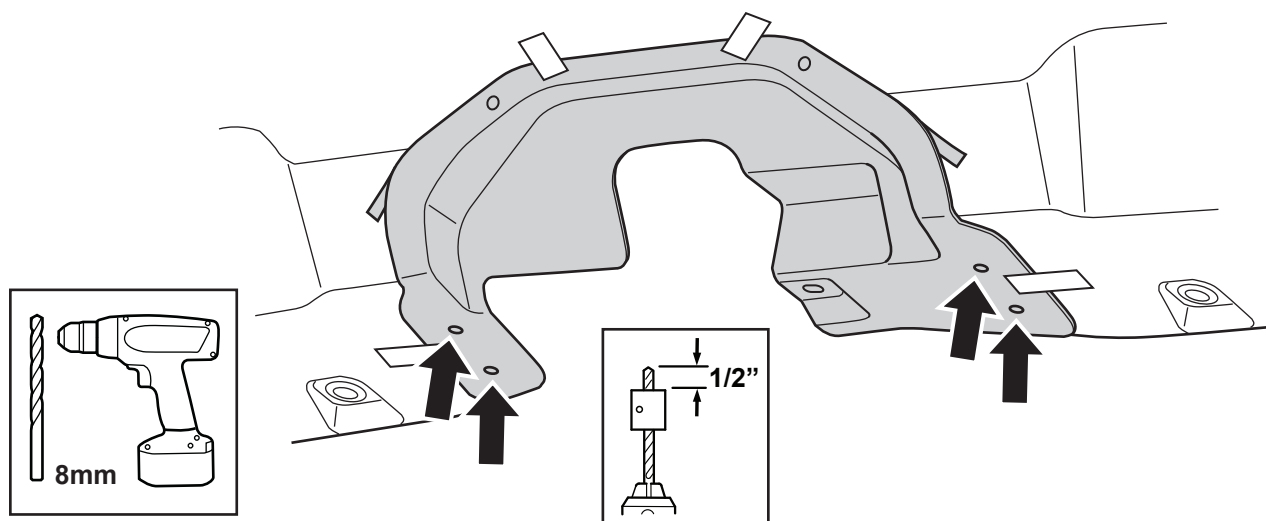


## 9) MOUNT PANEL TO FASCIA

- a) Place the new hitch panel into the fascia opening. **Be sure the top inside edge of the panel clips into the edge of the fascia.** Using masking tape secure the panel to the rear fascia. Check for fit along the edges assuring no gaps are present.



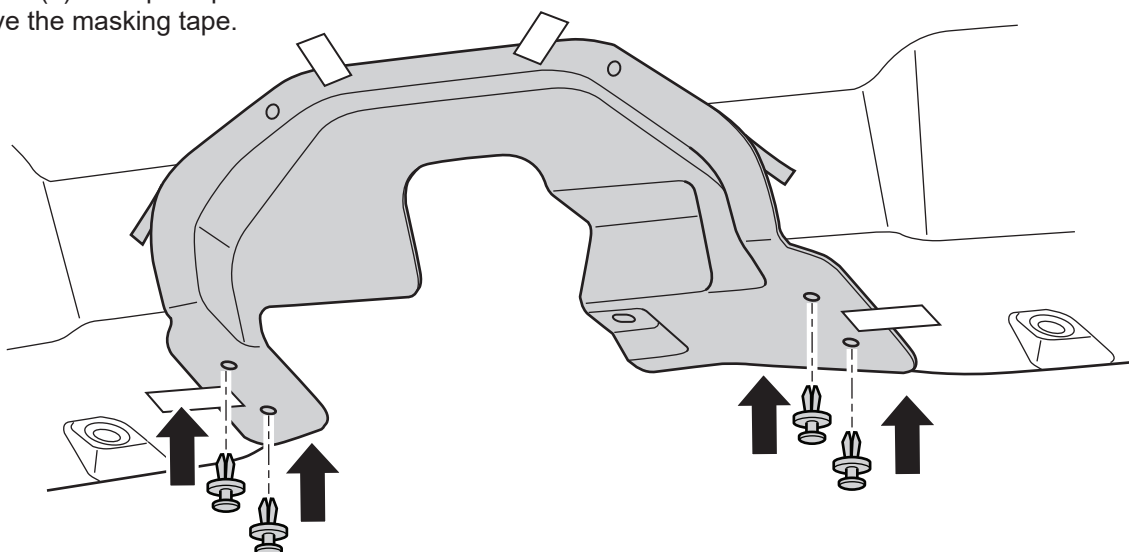
- b) Using the panel as a guide, drill (4) holes using an 8mm drill bit. A drill stop set to  $\frac{1}{2}$ " depth should be used to prevent the drill bit from contacting any wires or sheet metal that may be out of sight behind the fascia. If a drill stop is not available wrap the drill bit with masking tape to set the  $\frac{1}{2}$ " depth.



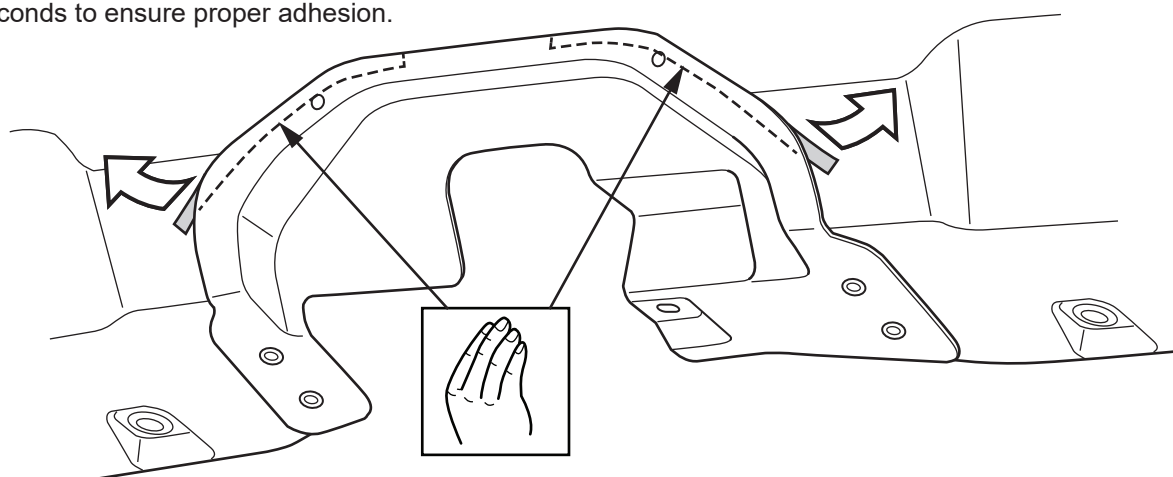


## 9) MOUNT PANEL TO FASCIA (cont'd)

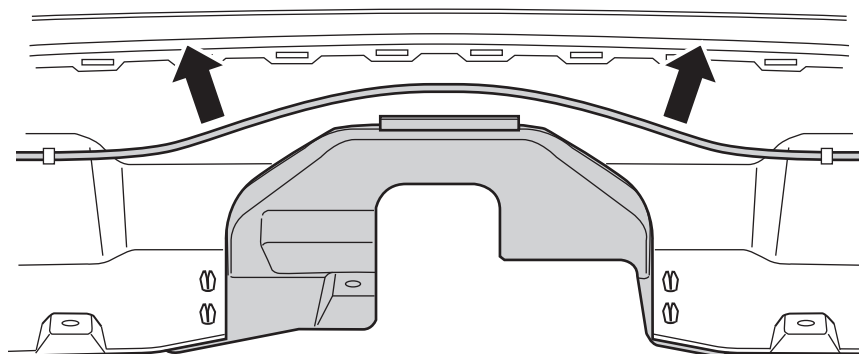
- c) Insert the (4) 8mm push pins into the drilled holes to hold the lower surface to the fascia.  
Remove the masking tape.



- d) Remove the adhesive backing strips and apply 15 lbs of pressure along the edge of the panel for 10 seconds to ensure proper adhesion.

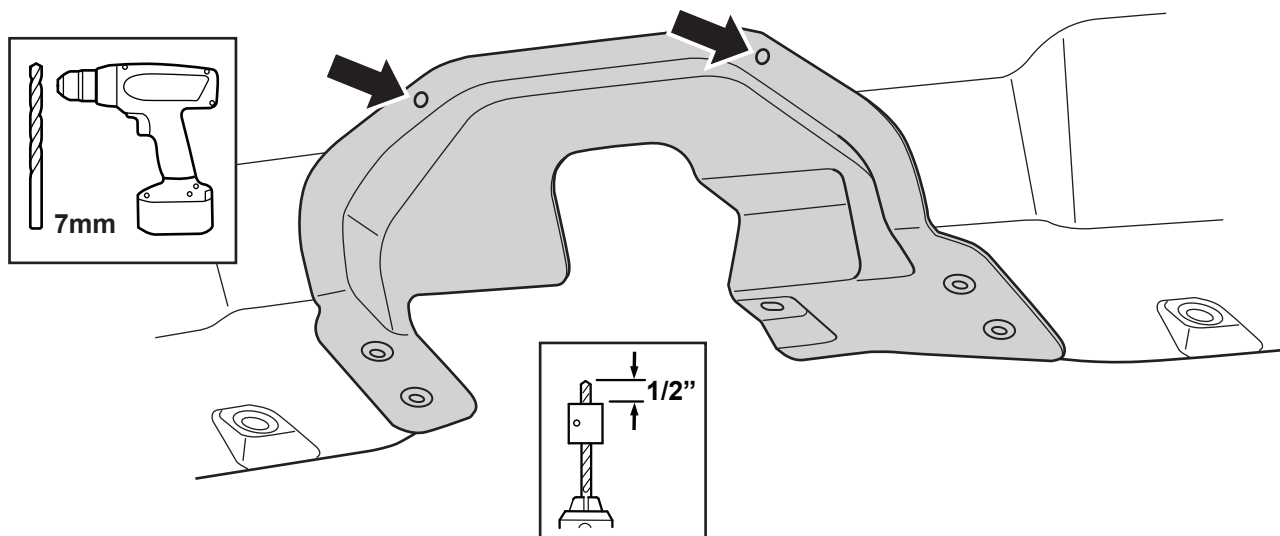


- e) **IMPORTANT:** Move the RAB sensor harness out of drilling area to prevent damage.

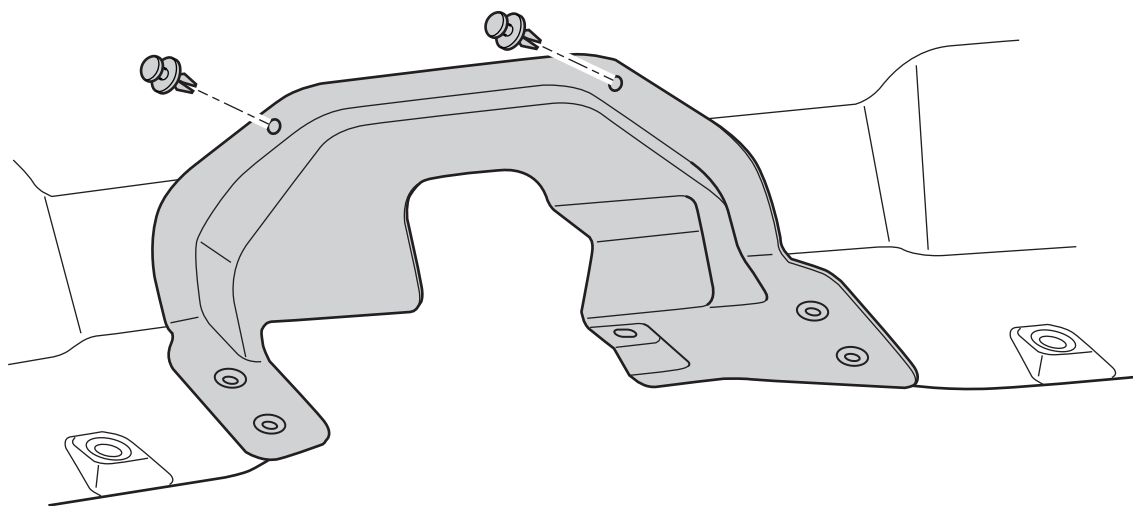


## 9) MOUNT PANEL TO FASCIA (cont'd)

f) Using the panel as a guide, drill (2) holes using a 7mm drill bit. A drill stop set to  $\frac{1}{2}$ " depth should be used to prevent the drill bit from contacting any wires or sheet metal that may be out of sight behind the fascia. If a drill stop is not available wrap the drill bit with masking tape to set the  $\frac{1}{2}$ " depth.

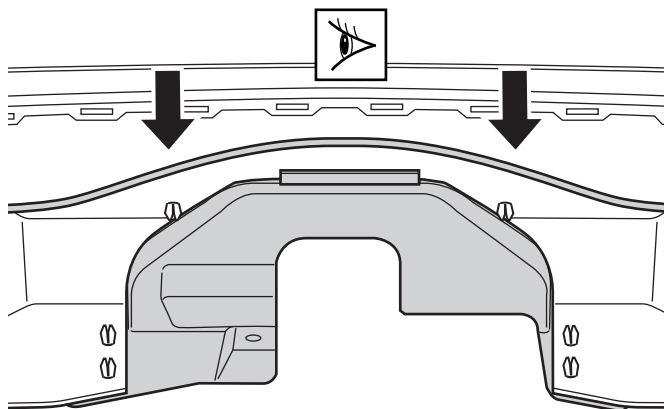


g) Insert the (2) 7mm push pins into the drilled holes ensuring they engage the bumper fascia.

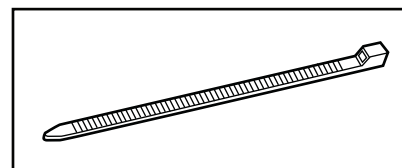
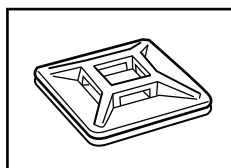
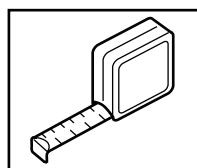
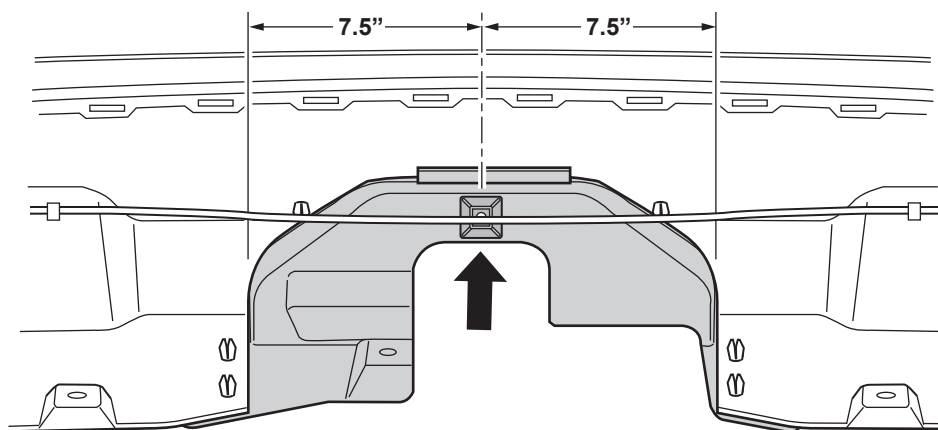


## 10) REMOVE FASCIA PANEL

- a) Remove the (2) push pins from step 8
- b) Remove the rear fascia as described in step 2
- c) Inspect RAB sensor wire for any damage possibly caused by the drilling of the holes. If RAB sensor wire is nicked during drilling it could still function but should be replaced to guarantee proper functioning and longevity.

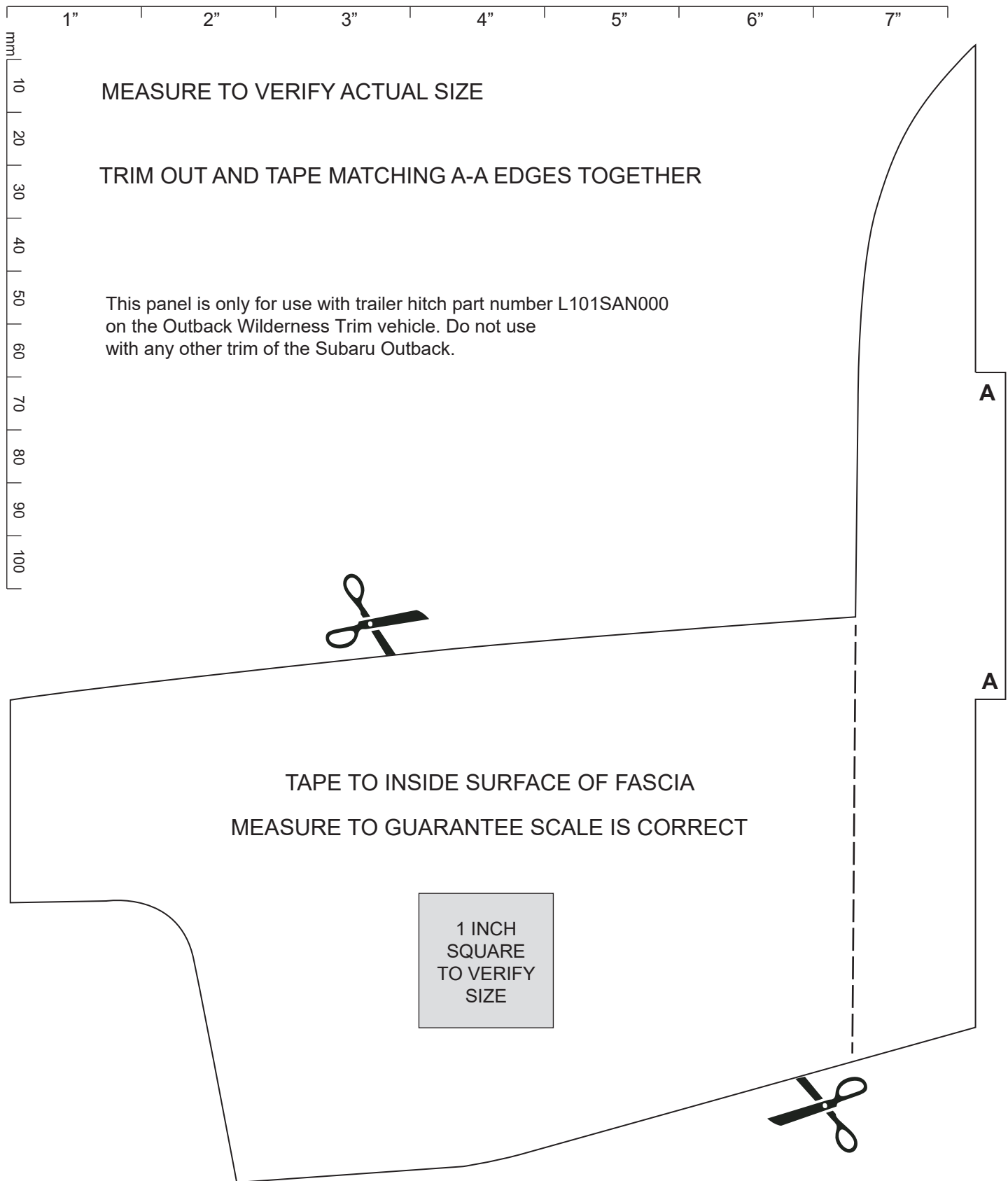


- d) Measure the inside of the panel to determine center. Peel off the adhesive backing and apply the cable tie mounting base to the inside of the panel as shown. Use the cable tie to secure the wire harness to the cable tie mounting base.

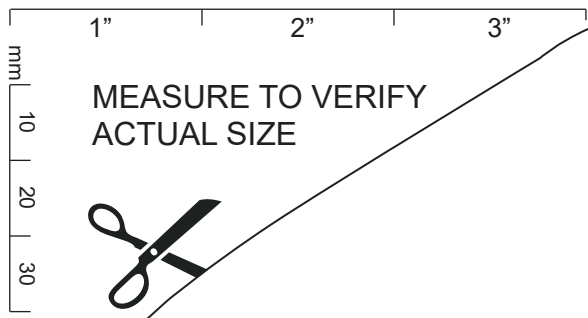


## 11) REINSTALL FASCIA TO VEHICLE

- a) Reverse procedures in Step 2) REAR BUMPER FASCIA REMOVAL and Step 1) TAIL LIGHT REMOVAL to reinstall all the vehicle components. Press fascia firmly to engage the upper retention features.



PART NUMBER	ISSUE	DATE	SUBARU OF AMERICA	PAGE
L101SAN620	1	8/9/2021		12 OF 15



MEASURE TO VERIFY  
ACTUAL SIZE



TRIM OUT AND TAPE MATCHING A-A AND B-B EDGES TOGETHER

This panel is only for use with trailer hitch part number L101SAN000  
on the Outback Wilderness Trim vehicle. Do not use  
with any other trim of the Subaru Outback.

A

B

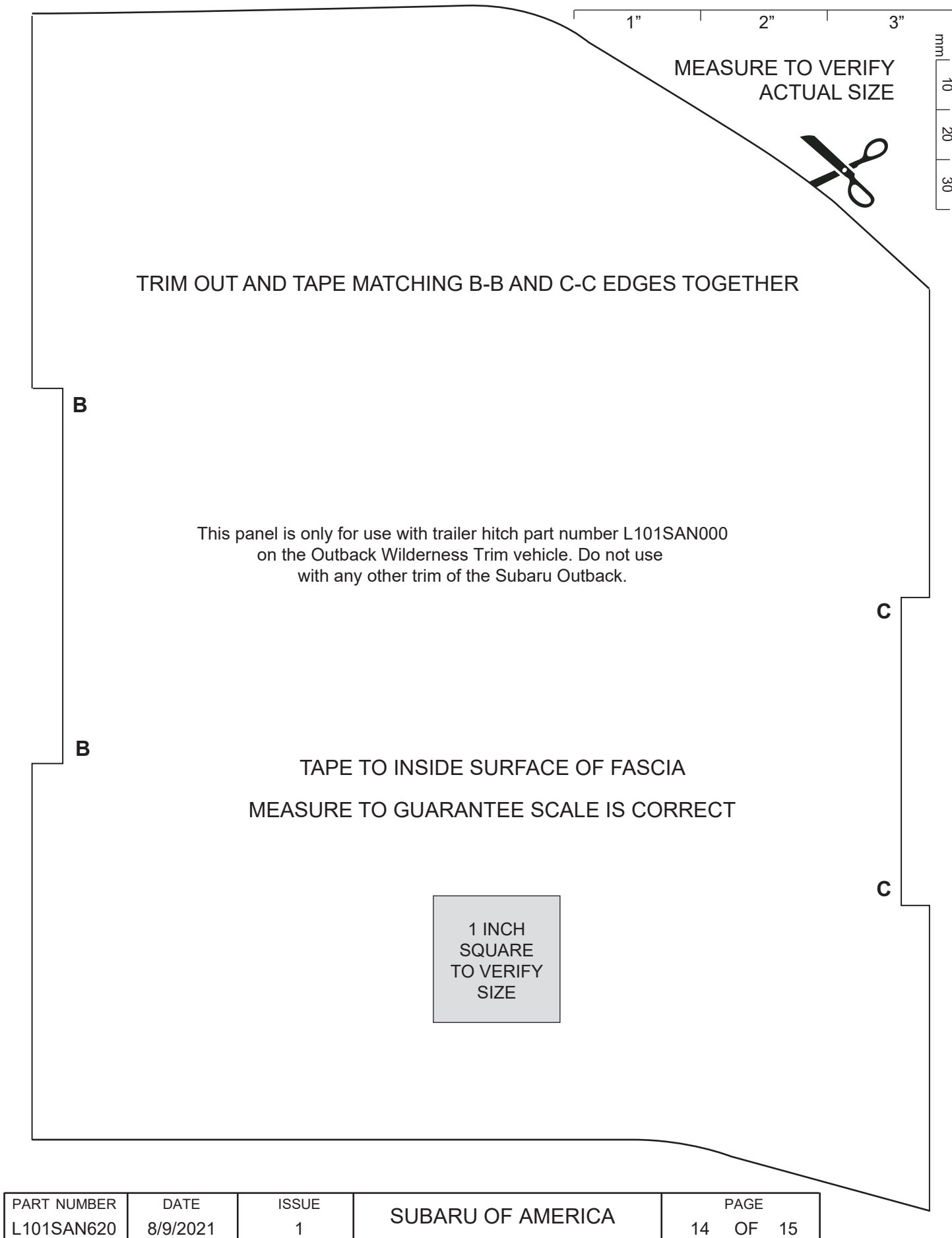
TAPE TO INSIDE SURFACE OF FASCIA

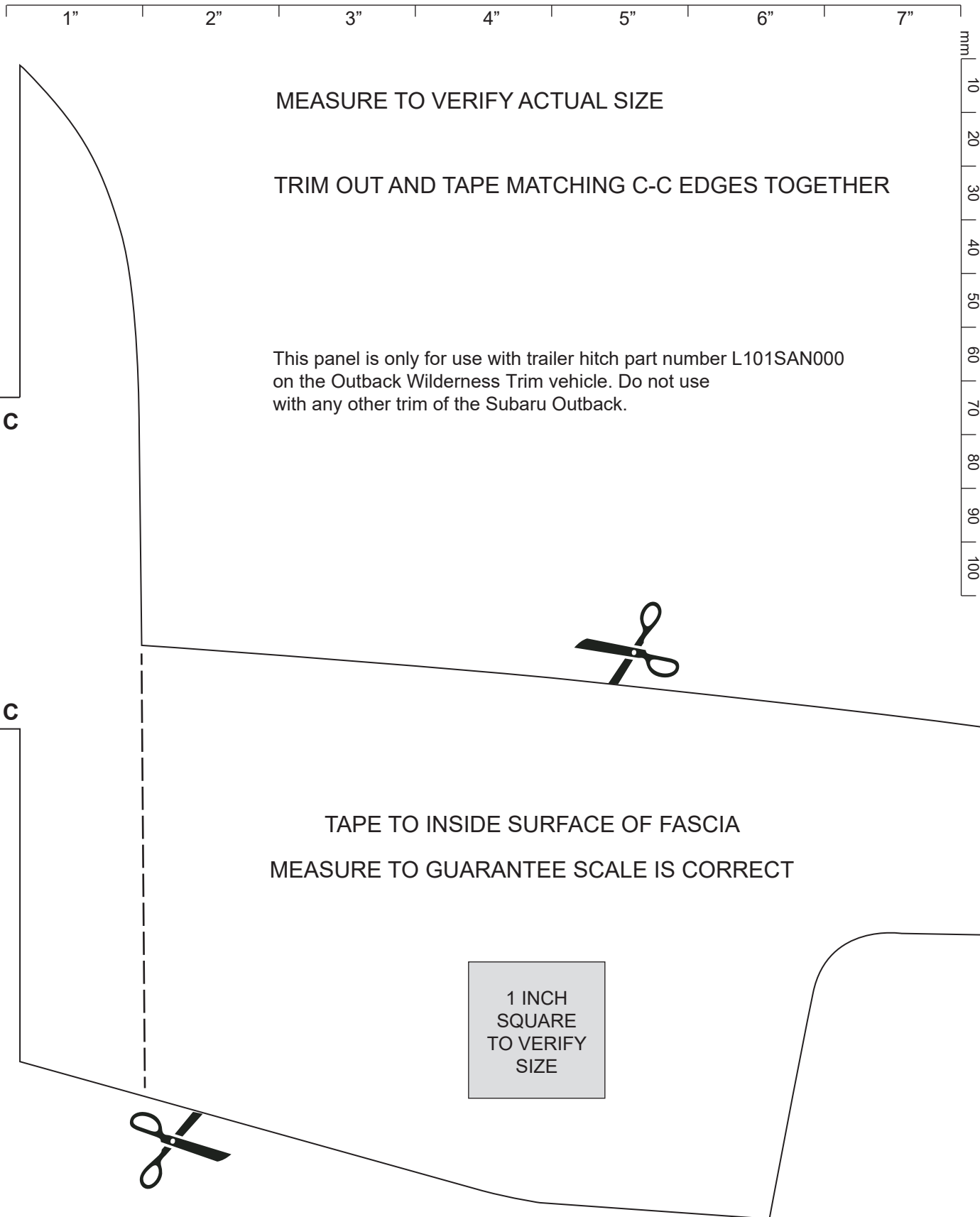
MEASURE TO GUARANTEE SCALE IS CORRECT

B

A

1 INCH  
SQUARE  
TO VERIFY  
SIZE





PART NUMBER L101SAN620	ISSUE 1	DATE 8/9/2021	SUBARU OF AMERICA	PAGE 15 OF 15
---------------------------	------------	------------------	-------------------	------------------