

## Preparation

**Part Number:**

PT413-42182-02 (Both), PT413-42180-02 (USA)

PT413-42181-02 (Canada)

**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	MOUNTAIN badge
2	1	ADVENTURE badge (USA)
2	1	TRAIL badge (CANADA)

**Hardware Bag Contents**

Item #	Quantity Req'd.	Description
1		

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description

**Conflicts**

None
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**Recommended Tools**

Personal & Vehicle Protection	Notes
None	
Special Tools	Notes
MY 2018 RAV4 Installation Templates	Page 7 and 8 of this document
Non-intrusive IR Temperature Probe	
Wipes	3M™ 2011 High Performance Wipes
Installation Tools	Notes
Lint Free Cloth	
Hard Rubber Hand Roller	1" to 3" wide i.e. Marshalltown E54D, Dynamat 10007 or Embee P/N# 54
Special Chemicals	Notes
Cleaner	VDC approved Cleaner
	Soap and water (Long Beach)

**General Applicability**

MY18 RAV4 Mountain Edition
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**Recommended Sequence of Application**

Item #	Accessory

\*Mandatory

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

Item #	Quantity Req'd.	Description

**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.




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.

 <b>(BOTH) PT413-42182-02</b>  <b>(USA) PT413-42180-02</b>  <b>(CANADA) PT413-42181-02</b>	
 	
	<p><b>PROTECTIVE CLOTH</b></p> 
<p><b>TEMPLATES ON PAGE 7 AND 8 VERIFY YOU ARE USING THE CORRECT TEMPLATE FOR USA OR CANADA</b></p> 	 = <b>ATTENTION</b>  = <b>VISUAL INSPECTION</b>  = <b>CORRECT</b>

## Procedure

1



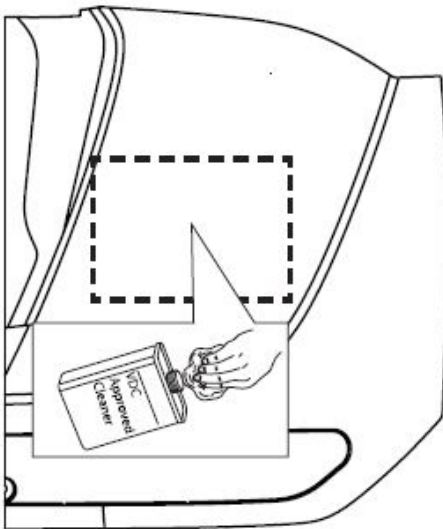
2



Apply VDC approved surface cleaner to a lint free cloth. Do not spray solution on the vehicle surface.



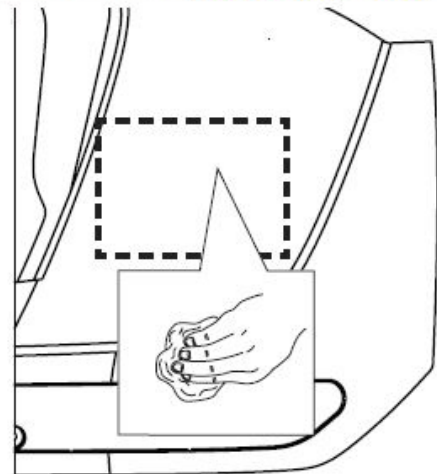
3



4



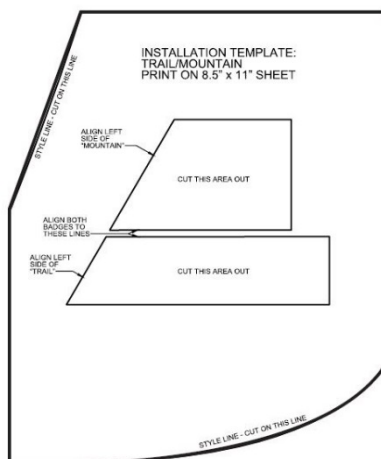
Dry thoroughly with a lint free cloth.



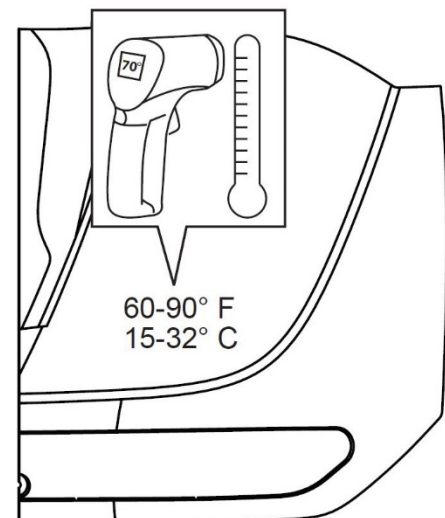
5



Select correct template printed on sheets 8 and 9.



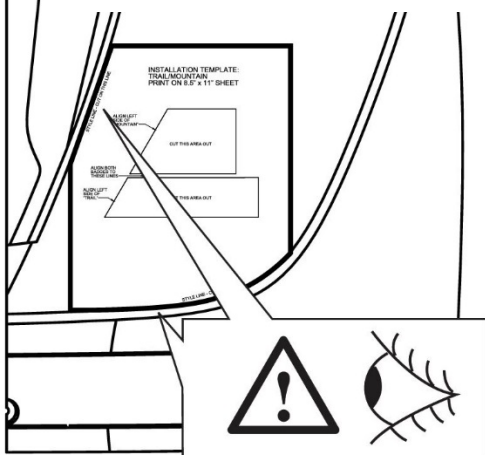
6



## Procedure

7

Follow instructions on the template and align to the style lines. Secure with tape.



8

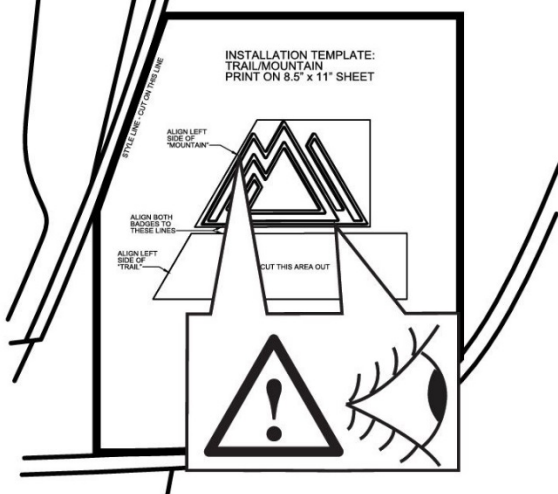
Remove backing from "Mountain" badge.



Avoid finger contact with adhesive surface.

9

Align "Mountain" badge to left and bottom of template



10

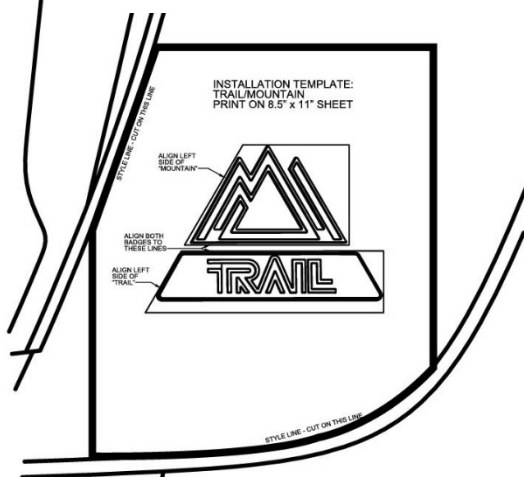
Remove backing from "Trail" (Canada) or "Adventure" (USA) badge



Avoid finger contact with adhesive surface.

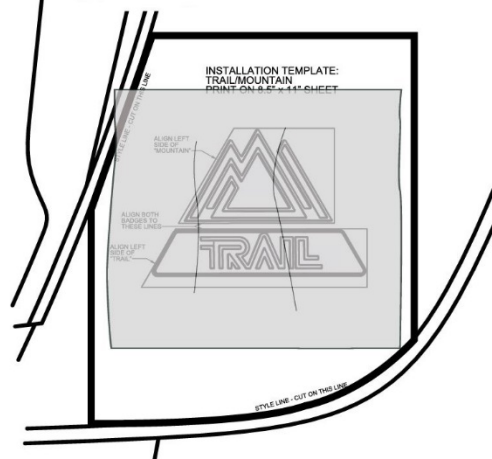
11

Align "Trail" or "Adventure" badge to the left and top template.



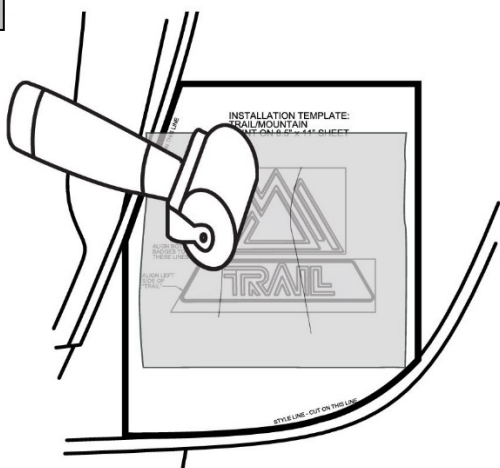
12

Place a clean, dry, lint-free cloth over badges before applying roller.



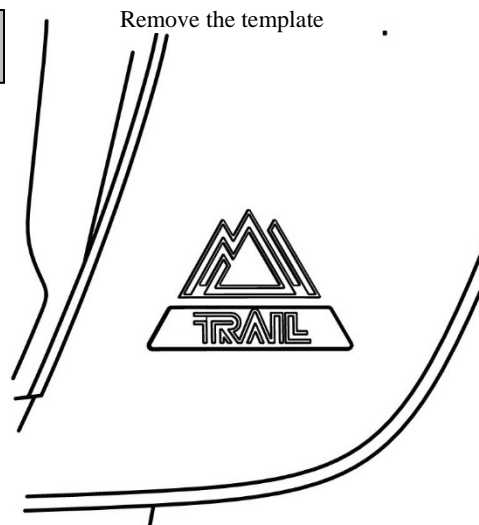
13

Using a roller press badge to ensure adhesion.



14

Remove the template .



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

Check:	Look For:
<p><u>Accessory Function Checks</u></p> <p><input type="checkbox"/> Correct part number has been installed.</p> <p><input type="checkbox"/> Proper rubber roller was used to install part.</p>	<p>Verify the part number on the package.</p> <p>Look for loose edges and proper alignment.</p>
<p><u>Vehicle Function Checks</u></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>	
<p><u>Vehicle Appearance Check</u></p> <p><input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.</p>	<p>Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMS Accessory Quality Shipping Standard.)</p>

INSTALLATION TEMPLATE:  
TRAIL/MOUNTAIN  
PRINT ON 8.5" x 11" SHEET

STYLE LINE - CUT ON THIS LINE

ALIGN LEFT  
SIDE OF  
"MOUNTAIN"

CUT THIS AREA OUT

ALIGN BOTH  
BADGES TO  
THESE LINES

ALIGN LEFT  
SIDE OF  
"TRAIL"

CUT THIS AREA OUT

INSTALLATION TEMPLATE:  
ADVENTURE/MOUNTAIN  
PRINT ON 8.5" x 11" SHEET

STYLE LINE - CUT ON THIS LINE

ALIGN LEFT  
SIDE OF  
"MOUNTAIN"

CUT THIS AREA OUT

ALIGN BOTH  
BADGES TO  
THESE LINES

ALIGN LEFT  
SIDE OF  
"ADVENTURE"

CUT THIS AREA OUT