Part Number: PT929-42200

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Applique, Bumper Rear
2		

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1		
2		

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		
2		

Conflicts

Non-XSE models

Recommended Tools

Personal & Vehicle Protection	**Notes**
None	
Special Tools	**Notes**
Squeegee	Sleeve is optional
Surface thermometer	Infrared Non-contact
Heat Gun	Master Heat Gun HG-301A or equivalent
Installation Tools	**Notes**
Lint Free Cloths	
Spray Bottles	For wetting agent
Special Chemicals	**Notes**
Cleaner	VDC approved cleaner and cleaning method
Wetting Agent Note: Solution depends on the part and vehicle surface temperature, not only ambient temperature	Johnson's Baby Shampoo mixed PER LITER of water:

Temp	Shampoo
65° F	.5 mL
70° F	.75 mL
80° F	1 mL
90° F	1.5 mL

General Applicability

MY20 and newer RAV4, XSE models

Recommended Sequence of Application

Item #	Accessory
1	

*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.

REGULATORY MARK: This mark indicates the component is related to regulatory compliance

Issue: B 05/04/2021

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. Prepare the Vehicle.

(a) The part and vehicle surface temperature must be maintained between 65ºF and 90ºF for optimum installation. Store the parts flat at room temperature in a clean dry place.

(b) Clean the entire application surface to remove grease and wax. Clean the entire area with a VDC approved cleaner and cleaning method.

(c) Wipe the cleaned surface with a clean, dry, lint-free cloth (Fig. 1-1).

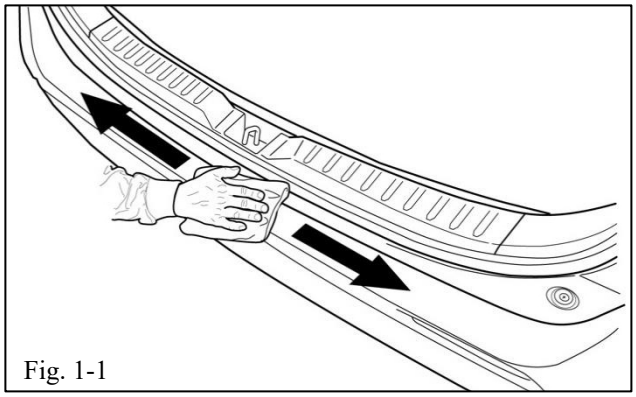


Fig. 1-1

2. Install the Rear Bumper Protector.

(a) Spray the bumper with a wetting agent (Fig. 2-1).

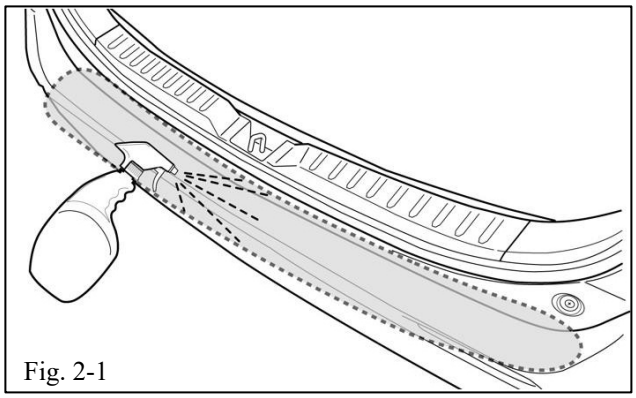


Fig. 2-1

Issue: B 05/04/2021

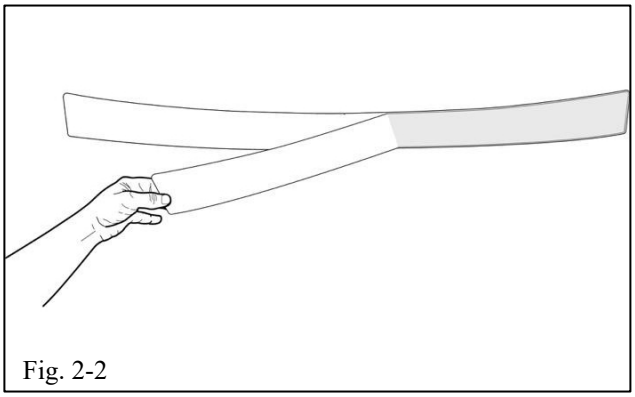


Fig. 2-2

(b) Remove the part backing and spray adhesive to the back of the part with wetting agent (Fig. 2-2 & Fig. 2-3).

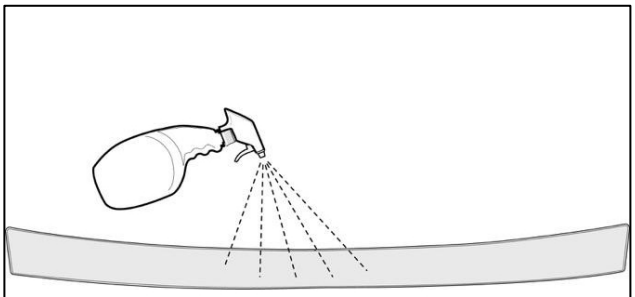


Fig. 2-3

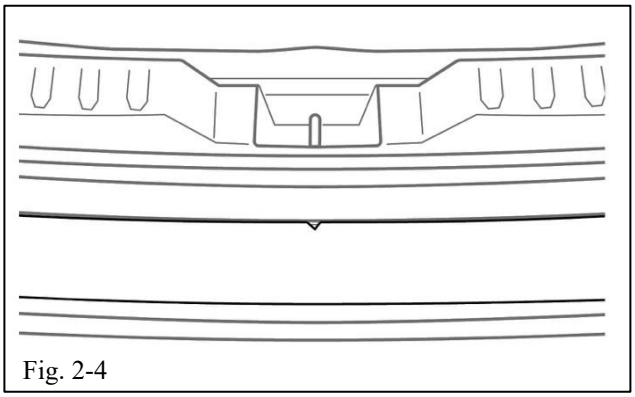


Fig. 2-4

(c) Align the center notch directly below the striker latch opening and the leading edge of the pre-mask along the vertical surface of the bumper being sure not to roll onto the vertical surface. Do not smooth part with hands (Fig. 2-4).

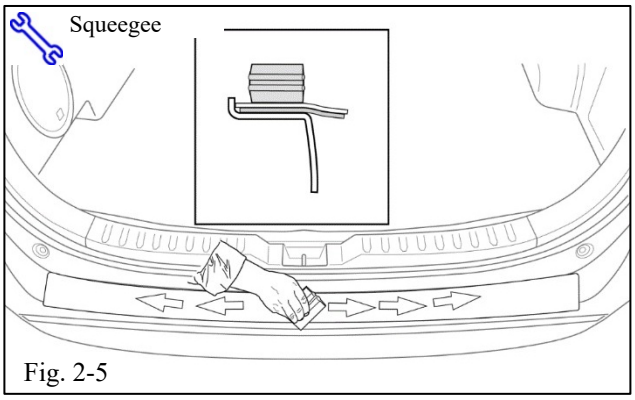


Fig. 2-5

(d) Using long smooth overlapping strokes squeegee from the center outwards of the horizontal section of the applique (Fig. 2-5).

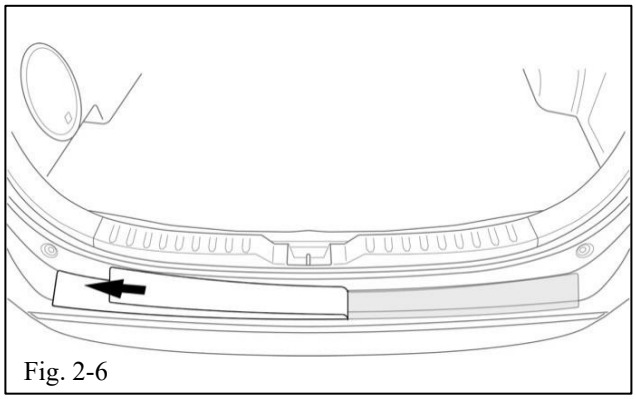


Fig. 2-6

(e) Carefully remove the pre-mask paper 180º against itself prior to squeegeeing the final wrap area (Fig. 2-6).

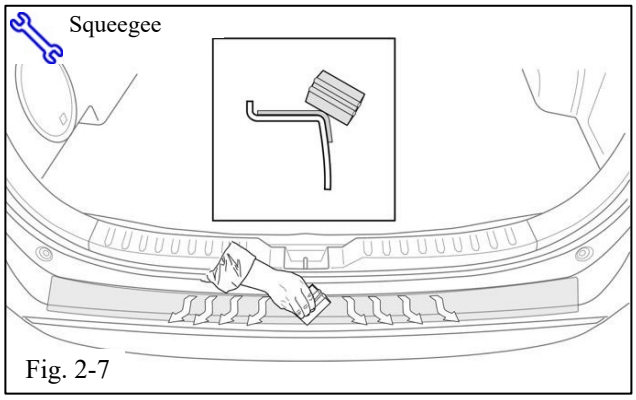


Fig. 2-7

(f) Using the squeegee, make smooth overlapping downward strokes from the center outwards of the final wrap area of the vertical section (Fig. 2-7).

NOTE: If necessary, a 75% water / 25% rubbing alcohol mixture can be used as a tacking agent when applying the applique.

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

Check:	Look For:
Accessory Function Checks	
☐ Distance from sensor	Ensure a minimum of 5mm of clearance between the bottom of the part and sonar sensors.
☐ Proper alignment – Cross Car	Part must be centered within bumper +/- 3mm
☐	
☐	
Vehicle Function Checks	
☐	
☐	
Vehicle Appearance Check	
☐ 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.)

Issue: B 05/04/2021