

**Part Number: PT929-18170  
PT929-18171****Kit Contents**

Item #	Quantity Reqd.	Description
1	1	Applique, RR Bumper
2		
3		

**Hardware Bag Contents**

Item #	Quantity Reqd.	Description
1		
2		
3		

**Additional Items Required For Installation**

Item #	Quantity Reqd.	Description
1		
2		
3		

**Conflicts**


**Recommended Tools**

Personal & Vehicle Protection	Notes
None	
Special Tools	Notes
Squeegee	4" (3M™Gold)
Low Friction Sleeve	3M SA-1 (OPTIONAL)
Surface Thermometer	Infrared Non-contact
Heat Gun	Master Heat Gun HG-301A or equivalent
Installation Tools	Notes
Lint Free Rags	
Spray Bottle	For wetting agent
Special Chemicals	Notes
Cleaner	VDC approved cleaner and cleaning method
Wetting Agent Note: Solution depends upon ambient temperature of the part and the vehicle surface. If it is difficult to remove bubbles with a squeegee, add one more ml of shampoo.	Johnson's Baby Shampoo mixed in one liter of water: At 65°F add 2 ml. shampoo At 70°F add 3 ml. shampoo At 80°F add 3.5 ml shampoo At 90°F add 4 ml. shampoo

**General Applicability**


**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**

 <b>STOP:</b> Damage to the vehicle may occur. Do not proceed until process has been complied with.
 <b>OPERATOR SAFETY:</b> Use caution to avoid risk of injury.
 <b>CAUTION:</b> 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.
 <b>TOOLS &amp; EQUIPMENT:</b> Used in Figures calls out the specific tools and equipment recommended for this process.
 <b>REVISION MARK:</b> This mark highlights a change in installation with respect to previous issue.
 <b>SAFETY TORQUE:</b> This mark indicates that torque is related to safety.

Procedure

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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.

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

This document covers such items as:-

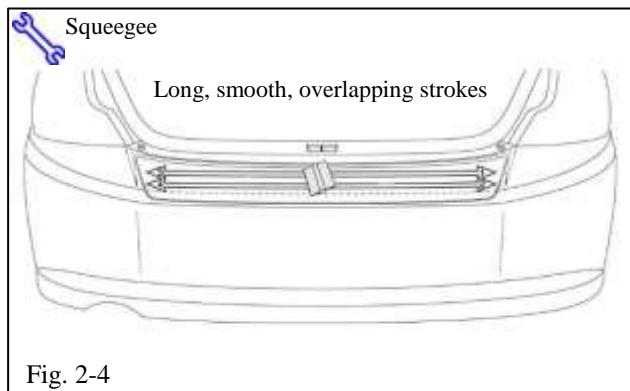
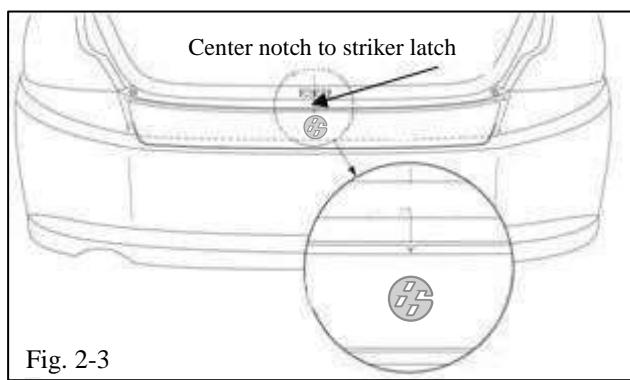
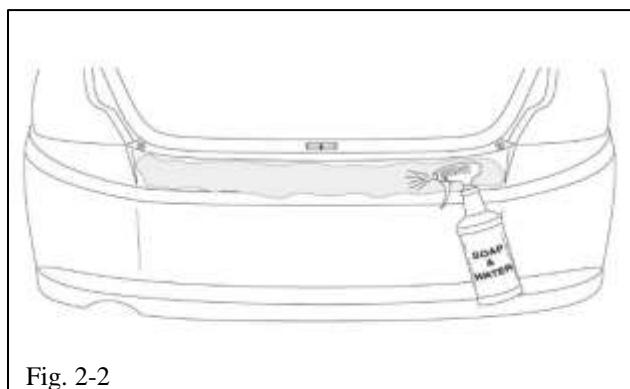
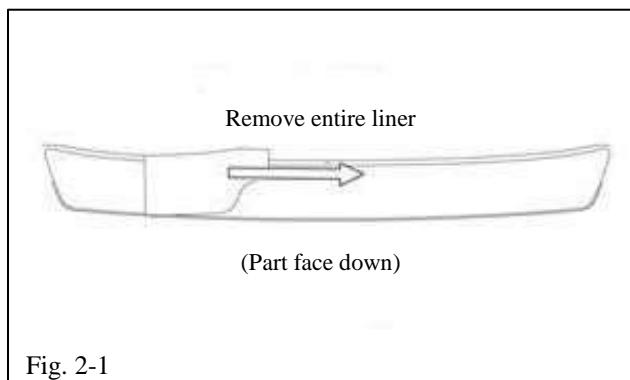
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

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

### 1. Prepare the Vehicle.



- (a) The part and the vehicle surface temperature must be maintained between 65°F and 90°F for optimum installation.
- (b) Store the parts flat at room temperature in a clean, dry place.
- (c) Place a protective blanket in the trunk area to protect it from overspray of the wetting agent.
- (d) Clean the entire application surface to remove grease and wax. Clean the entire area with a VDC approved cleaner and cleaning method.
- (e) Wipe the cleaned surface with a clean, dry, lint-free cloth.



## 2. Install the Rear Bumper Applique.

(a) Place the part face down on a clean, flat surface. Remove entire liner (Fig. 2-1).

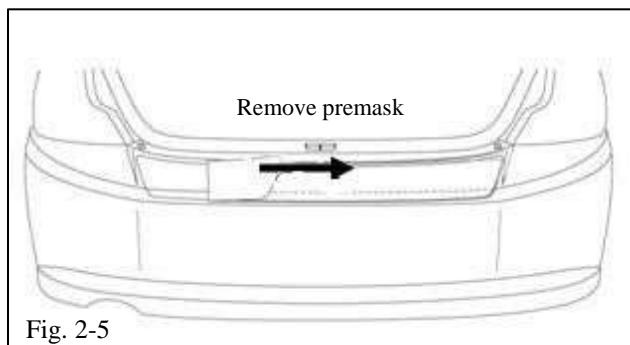
(b) Spray the bumper with wetting agent (Fig. 2-2).

 (c) Align the center notch directly below the striker latch opening and the leading edge of the premask along the vertical surface of the bumper (Fig. 2-3). Be sure not to roll the part onto the vertical surface.

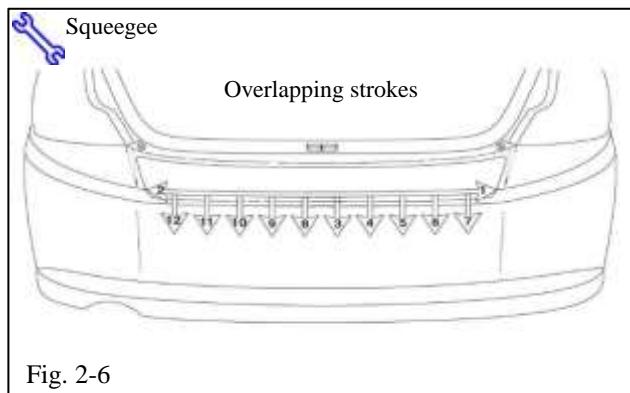
 **NOTE:** Do not smooth the part with hands.

(d) Spray the premask with wetting agent. Use long, smooth, overlapping strokes with the squeegee from the center outwards of the horizontal section and begin to wrap the part over the bumper (Fig. 2-4).

 **NOTE:** Do not use excessive force as it may cause creasing of the protector.



(e) Carefully remove the premask paper 180° against itself prior to squeegeeing the final wrap area (Fig. 2-5).



(f) Use the squeegee to make smooth, overlapping, downward strokes from the center outwards of the final wrap area on the vertical section (Fig. 2-6).

(g) Dry off the vehicle with a clean, lint-free cloth.

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

Check:	Look For:
<u>Accessory Function Checks</u>	
<input type="checkbox"/> Proper adhesion – visual	Bubbles; loose and lifting edges
<input type="checkbox"/> Proper adhesion – physical	With light pressure rub hand over top of part and if crackling sound occurs, re-squeegee. If bubbles cannot be worked out to the nearest edge, replace part.
<input type="checkbox"/> Proper alignment – cross-car	Part must be centered within bumper +/-3 mm
<input type="checkbox"/>	
<u>Vehicle Function Checks</u>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<u>Vehicle Appearance Check</u>	
<input type="checkbox"/> 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 TMS Accessory Quality Shipping Standard.)