

Part Number: PT929-48140**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Applique, RR Bumper

Hardware Bag Contents

Item #	Quantity Req'd.	Description

Additional Items Required For Installation

Item #	Quantity Req'd.	Description

Conflicts

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Recommended Tools

Personal & Vehicle Protection	Notes												
Protective Blanket													
Special Tools	Notes												
Squeegee	4" (3M™Gold) or 4" (3M™Silver)												
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 on part and vehicle surface temperature, not only ambient temperature. If bubbles are difficult to remove with a squeegee, add one more ml. of shampoo.	Johnson's Baby Shampoo mixed PER LITER of water: <table border="1"> <tr> <th>Temp</th><th>Shampoo</th></tr> <tr> <td>65° F</td><td>2 mL</td></tr> <tr> <td>70° F</td><td>3 mL</td></tr> <tr> <td>80° F</td><td>3.5 mL</td></tr> <tr> <td>90° F</td><td>4 mL</td></tr> <tr> <td>100° F</td><td>5 mL</td></tr> </table>	Temp	Shampoo	65° F	2 mL	70° F	3 mL	80° F	3.5 mL	90° F	4 mL	100° F	5 mL
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General Applicability

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Recommended Sequence of Application

Item #	Accessory
1	

*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.

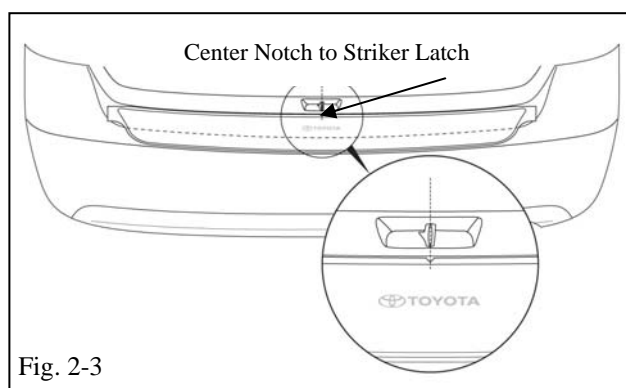
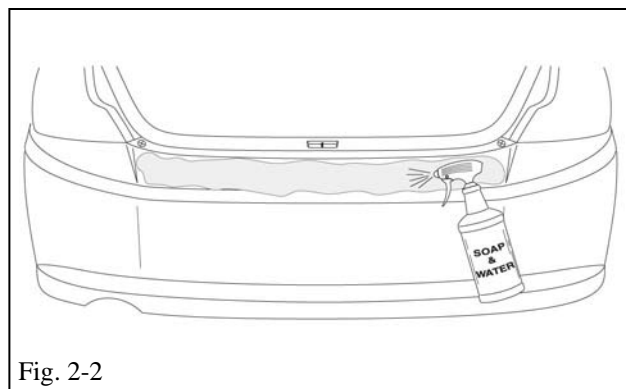
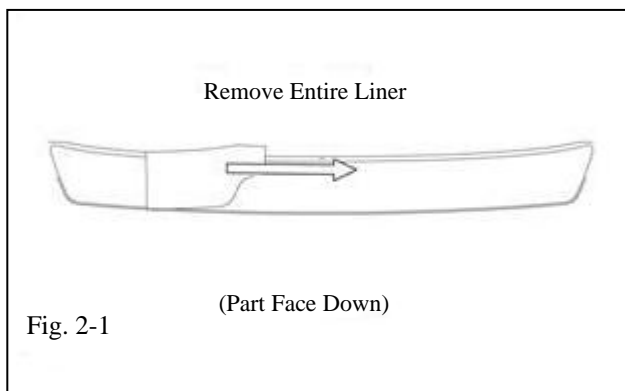
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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.



1. Vehicle preparation.



(a) Part and vehicle surface temperature must be maintained between 65°F and 90°F for optimum installation. Store parts flat at room temperature in a clean dry place.

(b) Place protective blanket in trunk area to protect from overspray of wetting agent.



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

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

2. Installation of the Rear Bumper Protector.

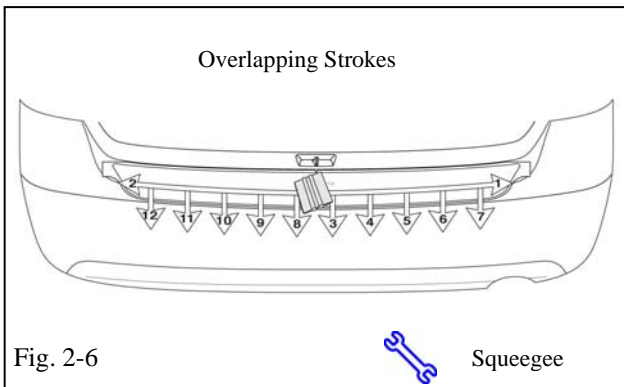
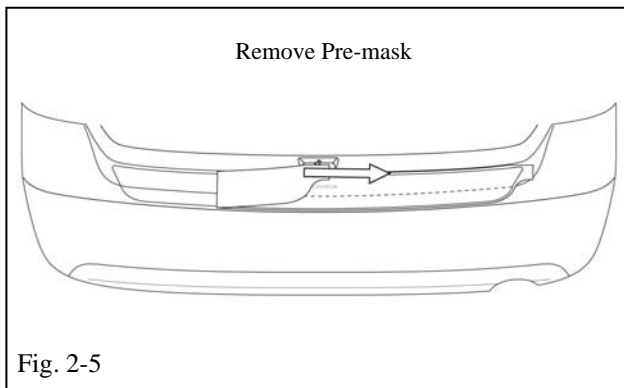
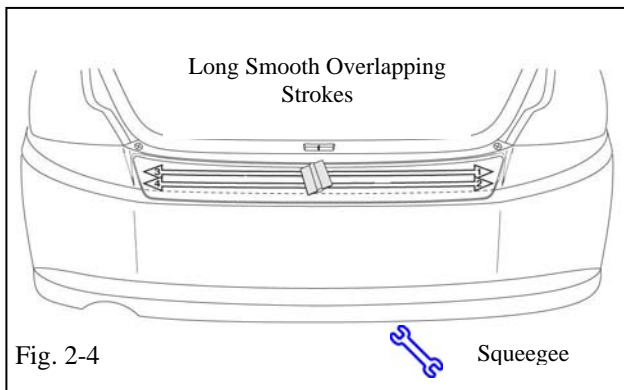


(a) Place part face down on clean flat surface. Remove entire liner. (Fig. 2-1).

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



(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. 2-3).



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

(1) Do not use excessive force as it may cause creasing of the protector.

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

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

(g) Dry off vehicle with clean lint free rag.

TOYOTA HIGHLANDER 2014 - REAR BUMPER APPLIQUÉ

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

Check:

Look For:

Accessory Function Checks

☐ Proper adhesion – Visual

 ☐ Proper adhesion – Physical

☐ Proper alignment – Cross-Car

Look for bubbles, loose and lifting edges.

With light pressure rub hand over top of part and if crackling sound occurs, resqueegee. If bubbles cannot be worked out to the nearest edge, replace part.

Part must be centered within bumper
+/-3 mm.

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 TMS Accessory Quality Shipping Standard.)