

**Part Number: PT747-52081**

**Kit Contents**

Item #	Quantity Reqd.	Description
1	1	Rear Bumper Protector, xD

**Hardware Bag Contents**

Item #	Quantity Reqd.	Description
1		

**Additional Items Required For Installation**

Item #	Quantity Reqd.	Description
1		

**Conflicts**

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**Recommended Tools**

<b>Personal &amp; Vehicle Protection</b>	<b>Notes</b>
None	
<b>Special Tools</b>	<b>Notes</b>
Squeegee	4" (3M™Gold)
Surface Thermometer	Infrared Non-contact
Heat Gun	Master Heat Gun HG-301A or equivalent
<b>Installation Tools</b>	<b>Notes</b>
Lint Free Rags	
<b>Special Chemicals</b>	<b>Notes</b>
Cleaner	3M™ Prep Sol-70
Wetting Agent	Diluted Liquid Dish Detergent (e.g. "Joy") 1-2 drops (0.06 to 0.13 ml.) to 1 quart water.

**NOTE:** Part number of this accessory may not be the same as the part number shown.

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**Recommended Sequence of Application**






Item #	Accessory
1	

\*Mandatory

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

Item #	Quantity Reqd.	Description
1		

**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.

**General Applicability**

Issue: A 7/30/07

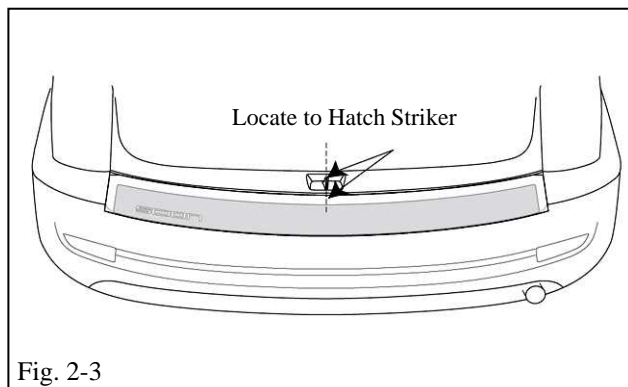
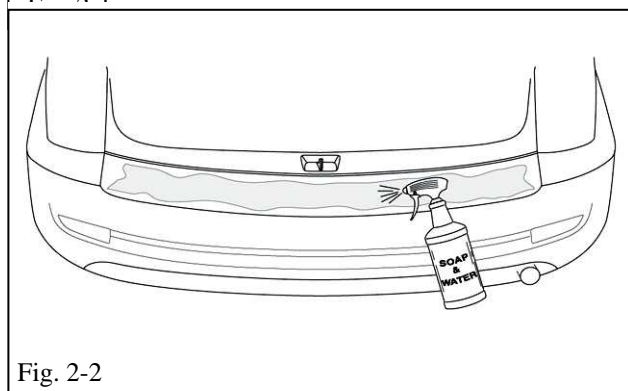
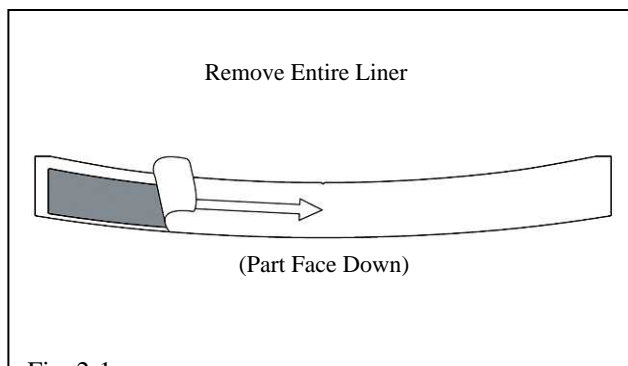
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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) Clean the entire application surface to remove grease and wax. Clean the entire area with a 3M™ Prep Sol-70.

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

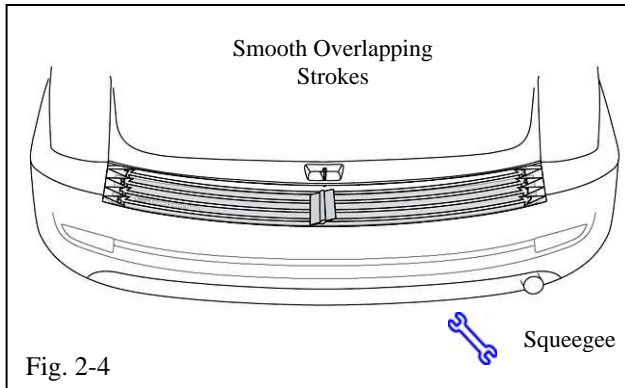
### 2. Installation of Rear Bumper Protector.

(a) Place part face down on clean flat surface. Remove entire liner. Try to minimize touching the adhesive with hands. (Fig. 2-1).

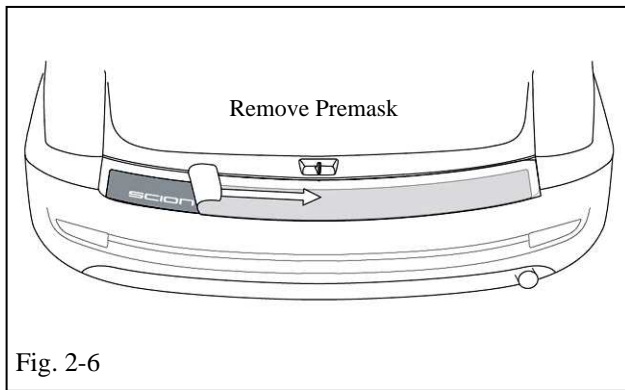


(b) Spray bumper with soap and water solution (Fig. 2-2).

(c) Holding the part taut in both hands, locate the center notch directly under the hatch striker and along the vertical surface of the bumper. Lightly lay the part in position. Do not smooth protector with hands. (Fig. 2-3).



- (d) After placing protector in proper location, use long overlapping strokes with squeegee from center outwards. (Fig. 2-4).
- (e) Remove premask paper 180° against itself. (Fig 2-5).
- (f) Dry off vehicle with clean lint free rag and inspect for bubbles.




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
- Proper alignment – Fore/Aft

Look for bubbles, loose and lifting edges.

With light pressure rub hand over top of part and if crackling sound occurs, resqueegee. If bubble(s) cannot be worked out to the nearest edge, lift end of part past the bubble(s) and resqueegee.

Center of protector must not vary more than +/-2mm from center of hatch striker.

Leading edge of part must be +0mm/-3mm from tangent of vertical surface. Do not let part ride up on this surface.