

**Part Number: PT278-02140**

**Kit Contents**

Item #	Quantity Reqd.	Description
1	1	Bumper Protector
2	1	Installation Instruction Sheets
3		
4		
5		
6		

**Hardware Bag Contents**

Item #	Quantity Reqd.	Description
1		
2		
3		
4		

**Additional Items Required For Installation**

Item #	Quantity Reqd.	Description
1		
2		
3		

**Conflicts**

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**Recommended Tools**

<b>Personal &amp; Vehicle Protection</b>	<b>Notes</b>
Safety Glasses	
Vehicle Protection	Seat & Floor Covers
<b>Special Tools</b>	<b>Notes</b>
Roller	Hard Rubber or Wood Hand Roller, 1" to 3" wide.
<b>Installation Tools</b>	<b>Notes</b>
Masking Tape	1" wide
Clean Lint-free Cloths	
<b>Special Chemicals</b>	<b>Notes</b>
Cleaner	3M™ Prep Solvent-70

**General Applicability**

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**Recommended Sequence of Application**


Item #	Accessory


\*Mandatory


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


Item #	Quantity Reqd.	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.



## Procedure

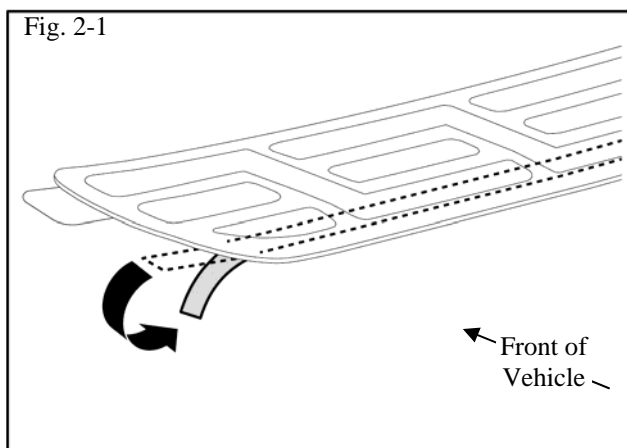
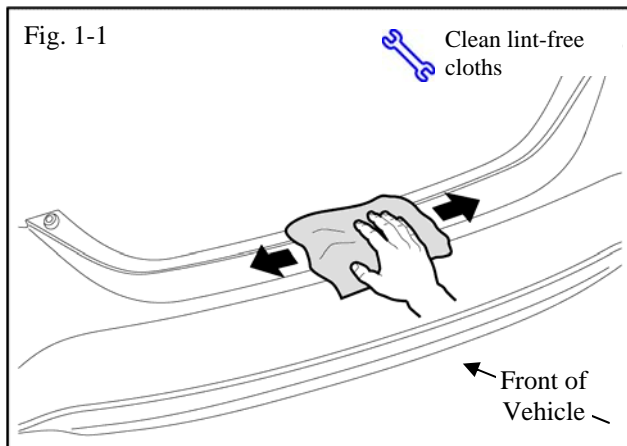
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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.

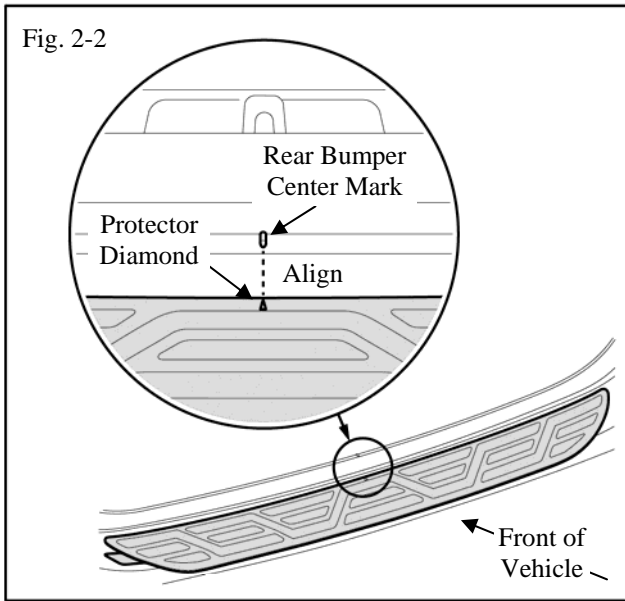


## 1. Vehicle Preparation

- STOP** (a) Before working on the vehicle, protect the seats and carpets with covers.
- !** (b) The work area, protector and vehicle bumper surface temperature must be at least 60°F.
- (c) Open the rear compartment door.
- (d) Saturate a clean lint-free cloth with 3M™ Prep Solvent-70 and scrub the top surface of the rear bumper as shown in Fig. 1-1.
- !** **NOTE:** When cleaning with 3M™ Prep Solvent-70 follow the manufacturer's directions. Do not allow cleaner to air dry.
- (e) Wipe the scrubbed bumper surface with a clean, dry, lint-free cloth.
- !** **NOTE:** Once cleaned do not contaminate this surface by touching it with your bare hands.

## 2. Bumper Protector Installation

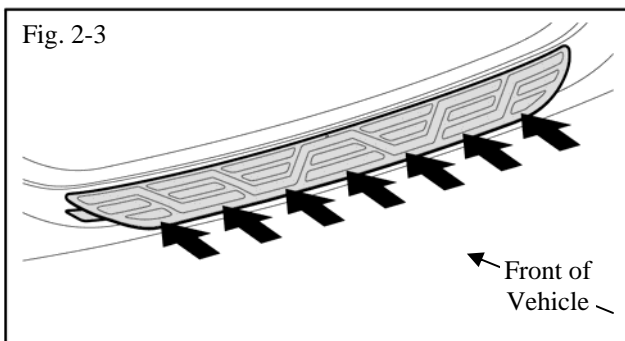
- (a) While carefully holding the bumper protector by its edges, pull the plastic tab at the end of the part to remove the REAR liner from the acrylic foam tape. (Fig. 2-1)
- !** **NOTE:** Once the release liner is removed from the bumper protector, the surface of the foam tape must not be touched!



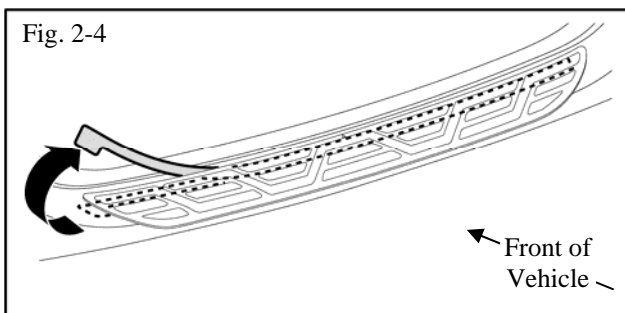
(b) Before installing the protector, align the center diamond locator on the protector to the center mark on the rear bumper of the vehicle. (Fig. 2-2)



(c) While keeping the bumper protector aligned, lower the right-hand corner until it contacts the bumper and starts to stick. Using a rolling motion, press the rest of the bumper protector to the bumper from right to left. **Do not** allow both ends of the bumper protector to stick to the bumper before the center touches. Press firmly from left to right on rear lip of protector to insure adhesion. (Fig. 2-3)



(d) Remove FRONT plastic liner by pulling tab away from the protector. Press protector to secure tape to bumper surface as liner is being removed from left to right. (Fig. 2-4)



(e) Using the hand roller, firmly roll and apply pressure around the perimeter of the part to ensure complete adhesion of the acrylic foam tape to the bumper surface. (Fig. 2-5)

