

TOYOTA**MATRIX****2009 -****BUMPER PROTECTOR****Part Number: 00016-12828****Accessory Code: BP3****Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Bumper Protector

Hardware Bag Contents

Item #	Quantity Req'd.	Description

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	None	

Conflicts

Note:

Recommended Tools

Safety Tools	
Safety glasses	
Special Tools	
Installation Tools	
Nylon Tool	Standard
Wiping cloth	Non-scratch, lint free
Special Chemicals	
Cleaner	Isopropyl Alcohol-Based

General Applicability

Note: Matrix Models 2009-Up

Recommended Sequence of Application

Item #	Accessory	
1	Bumper Protector	

*Mandatory

Vehicle Service Parts (may require some assembly)

Item #	Quantity Required	Description
1		

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.**SPECIAL NOTE: Installation Sequences**

After TMS and Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.



Fig. A1

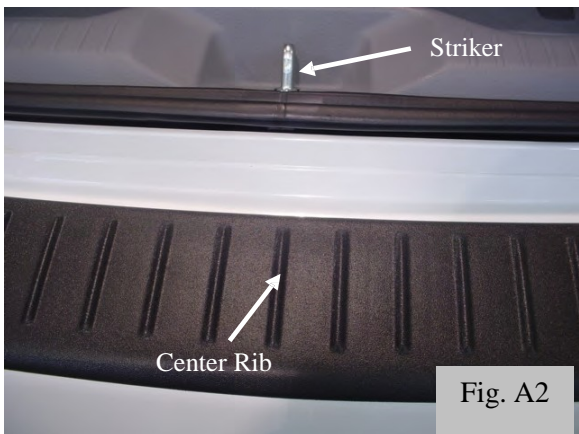


Fig. A2

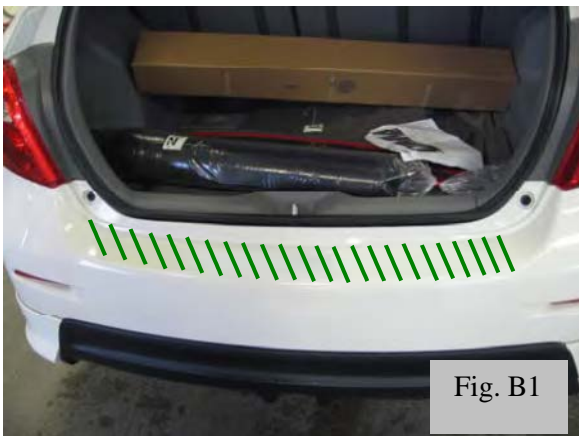


Fig. B1

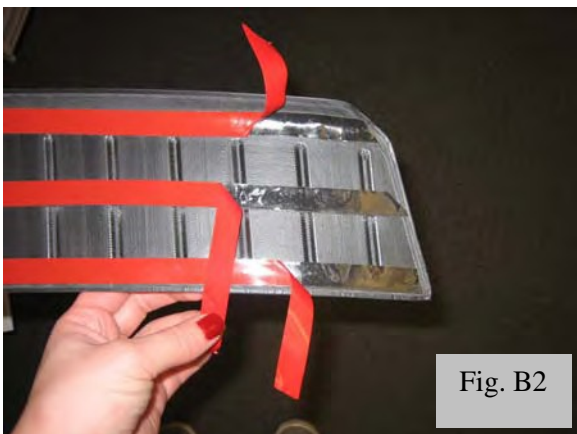


Fig. B2

Section II – Installation Procedure

Care must be taken while installing this accessory to ensure damage does not occur to the vehicle. approved guidelines to insure a quality installation.

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

A. Installation Preparation

1. Open rear door of vehicle.
2. Verify that the part is for the correct vehicle model and that it fits the vehicle properly.
3. WITHOUT peeling liner from tape pads, align bumper guard with metal loop on striker. Apply a piece of masking tape along both edges of part for ease of placement during installation. (Fig. A1 & A2)
4. During installation, the vehicle, the part, and the tape MUST be between 60° and 110° F for proper adhesion. Failure to maintain proper installation procedure may result in the part not functioning correctly.
5. Inspect the vehicle for damage prior to installing the Bumper Protector.
6. Paint: Prepare part surfaces per Toyota paint standards.
 - i. Do not use lacquer thinner or enamel reducer as a degreaser.

B. Install Bumper Protector

1. Make sure that all installation surfaces are free of dirt and/or grease. (Fig. B1)
2. Use a clean, lint-free cloth and isopropyl alcohol-based cleaner.
3. Peel red liner partially from tape pads as shown in Fig B2 (both ends).



NOTE: Make sure tabs are folded toward the outside of the part and that the middle tape liner is in front of rear liner. (Fig. B2)

4. Hold the part at an angle to prevent tape from prematurely sticking, and align the part on the bumper by aligning center rib in part with metal loop on striker and using the masking tape applied in Step A3 as a guide.
5. Confirm placement of the Bumper Protector.
6. Maintaining part placement, stick peeled end to bumper and begin pulling tab nearest the rear of the vehicle. Continue pulling rearward tab while applying downward pressure to rear edge of part. Repeat process for remaining liners. Starting with liner for center tape, continue on to the liner towards the front of the vehicle. (Fig. B3 & B4).
7. Press the part into place starting at the left side, pushing downward and forward. Continue to press downward and forward while working your way to the right. (Fig. B5).
 - i. The tape reaches maximum adhesive bond after 24 hours of contact.

Checklist: these points MUST be checked to insure a quality installation.

<p><u>Check:</u></p> <p><u>AccessoryFunctionCheck</u></p> <p><input type="checkbox"/> Install part properly</p>	<p><u>LookFor:</u></p> <p>Snug between Bumper Protector and bumper threshold. Verify tape is firmly pressed down tight.</p>
<p><u>VehicleFunctionChecks:</u></p>	