

TOYOTA HIGHLANDER

2008 -

BUMPER PROTECTOR

Section I – Installation Preparation

Part Number: 00016-48005

Accessory Code: BP3



Kit Contents

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

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	None	

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	None	

Conflicts

Note:

Recommended Tools

Safety Tools	
Safety glasses	
Special Tools	
None	
Installation Tools	
Nylon Tool	Standard
Wiping cloth	Non-scratch, lint free
Special Chemicals	
Cleaner	Isopropyl Alcohol-Based

General Applicability

Note: Highlander Models 2008-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.

Section II – Installation Procedure

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

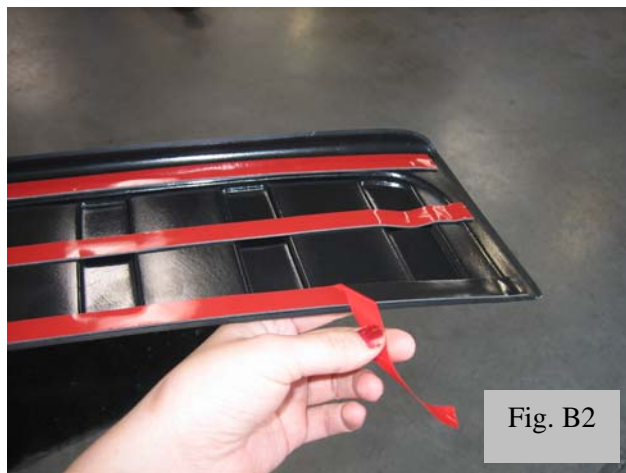
These guidelines can be found in the “Accessory Installation Practices” document.

A. Installation Preparation

1. Verify that the part is for the correct vehicle model and that it fits the vehicle properly.
2. 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.
3. Inspect the vehicle for damage prior to installing the Bumper Protector.
4. 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)
 - i. Use a clean, lint-free cloth and isopropyl alcohol-based cleaner.
2. Peel the red plastic liner from the tape strips located on the inside of the Bumper Protector. (Fig. B2)
3. Hold the part at an angle to prevent tape from prematurely sticking, and align the part on the bumper, using the molded in feature on the bumper as a guide. (Fig. B3 & B4)





4. Confirm placement of the Bumper Protector. 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. Apply firm pressure to the taped areas for proper bond. (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>Accessory Function Check</u></p> <p><input type="checkbox"/> Install part properly</p>	<p><u>Look For:</u></p> <p>Snug between Bumper Protector and bumper threshold. Verify tape is firmly pressed down tight.</p>
<p><u>Vehicle Function Checks:</u></p>	