

Part Number: PT427-89100

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

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Hood protector
2	1	Hardware bag

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	8	Hood Bracket (4-Inner; 4-Outer)
2	8	Nylon Insert (Square)
3	8	Flathead MS Screw (L=18.5mm)
4	8	Nylon Washers
5	8	10-24 x 0.5 MS Screw (L=14.5mm)
6	8	Mylar
7	1	Instruction Sheet

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		

Conflicts

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Recommended Tools

Personal & Vehicle Protection	Notes
Vehicle Protection	Blanket
Special Tools	Notes
None	
Installation Tools	Notes
Screwdriver	Phillips, #2
Special Chemicals	Notes
Cleaner	Soap and Water

General Applicability

Note- All 4Runner

Recommended Sequence of Application

Item #	Accessory
1	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
2		
3		

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.

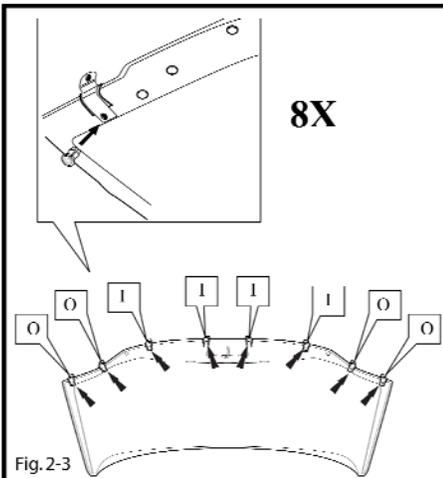
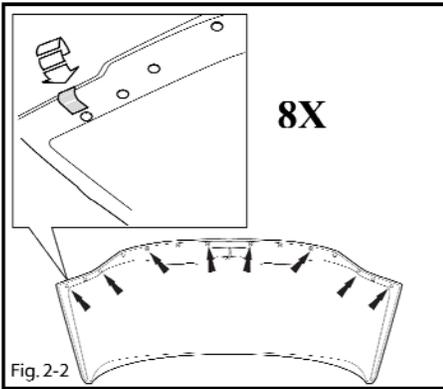
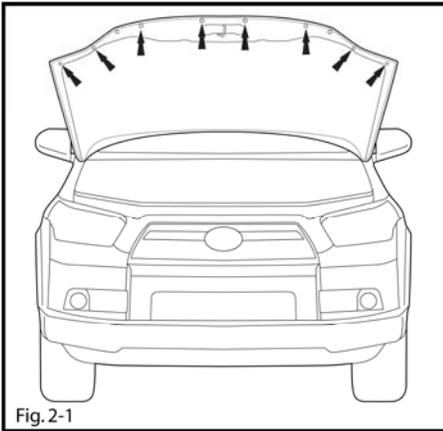
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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. Pre-installation Preparation.



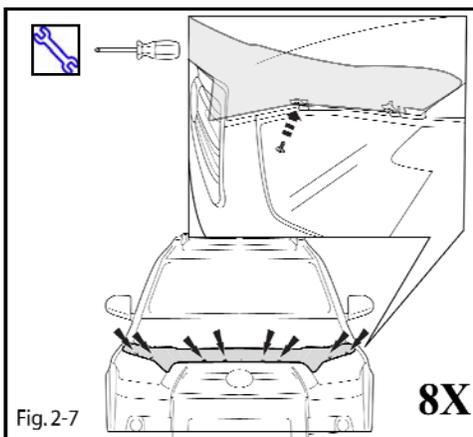
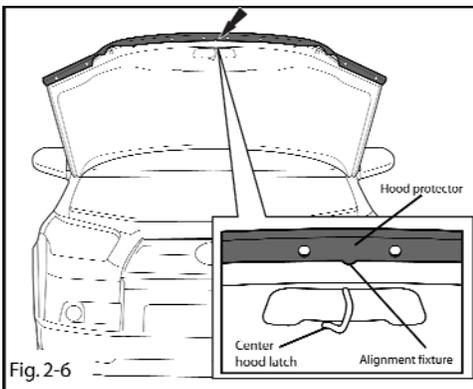
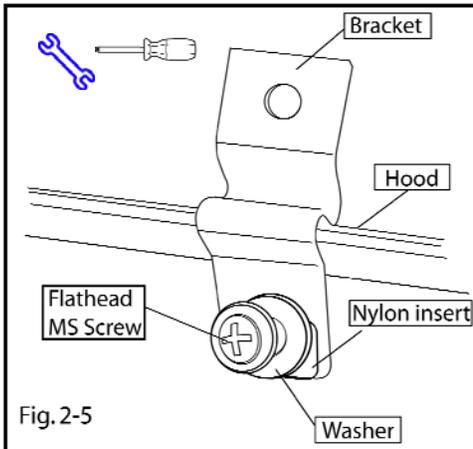
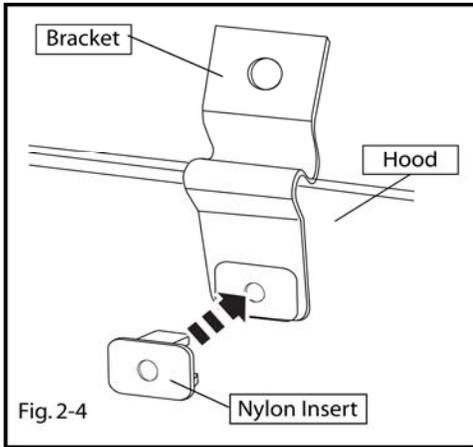
- (a) Inspect and verify the kit contents.
- (b) Make sure front edge of hood, where the deflector is to be installed, is clean and free from dirt and/or debris using soap and water, dry thoroughly.
- (c) Cover the engine compartment with a protective blanket to catch any dropped hardware.
- (d) Remove masking from hood protector.

2. Installation.

- (a) Locate the eight square holes underneath the front edge of the hood. These will be utilized to attach the brackets. (Fig 2-1)
- (b) Apply the Mylar strips at the edge of the hood in the area of the eight bracket locations. (Fig. 2-2)

Note: Mylar tape should wrap around the edge of the hood and cover the top and bottom of the hood surface.

- (c) Attach eight brackets to hood using nylon inserts. (Fig. 2-3) Each bracket is marked accordingly. I = Inner; O= Outer.



- i.) Insert and snap the SQUARE nylon insert over the bracket and into the hood. (Fig 2-4)
- ii.) Insert the 18.5mm length screw with the nylon washer and tighten the screw, 8 places. (Fig 2-5)

(d) Loosely attach the shield to the bracket using the 14.5mm length screw, 8 places.

Note: Hood must be opened for proper access of the machine screw heads.

(e) Align the shield using the alignment feature on the center of the shield then tighten the 14.5mm screws, 8 places. (Fig. 2-6 and 2-7.)

TOYOTA 4RUNNER 2010 - HOOD PROTECTOR
Checklist - these points **MUST** be checked to ensure a quality installation.

Check: _____

Look For: _____

Accessory Function Checks

- Inspect brackets

- Mylar Installation

- Screw Tightness

- Hood Closure

Groove in bracket to fit securely along edge of hood.

Mylar strips should not have air bubbles or wrinkles.

Screws attaching brackets to shield and hood are firmly tightened.

Brackets must not contact headlights or grill.