

Preparation

**Part Number: ALL MAKES & MODELS****Kit Contents**

Item #	Quantity Reqd.	Description
1	2	Door Edge Film – Front Door
2	2	Door Edge Film – Rear Door

**Hardware Bag Contents**

Item #	Quantity Reqd.	Description
1		
2		
3		

**Additional Items Required For Installation**

Item #	Quantity Reqd.	Description
1		
2		
3		

**Conflicts**

None
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**Recommended Tools**

Personal & Vehicle Protection	Notes
Special Tools	Notes
Surface Thermometer	Infrared non-contact
Installation Tools	Notes
Spray Bottle	
General Purpose Towel	
Heat Gun	
Wrap Glove or soft cotton like material	
Special Chemicals	Notes
Cleaning Agent	VDC-approved Cleaner or Isopropyl Rubbing Alcohol

**General Applicability**

All 2018 and newer Vehicles
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**Recommended Sequence of Application**

Item #	Accessory
1	Door Edge Film

\*Mandatory

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

Item #	Quantity Reqd.	Description
1		
2		
3		

**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.
 <b>SAFETY TORQUE:</b> This mark indicates that torque is related to safety.

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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.).

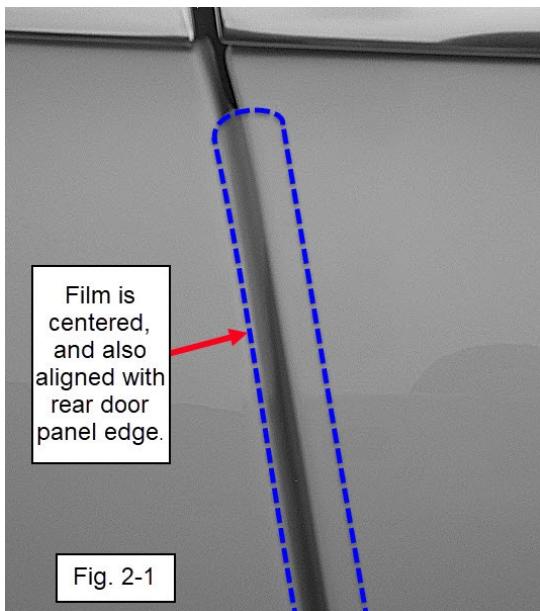
Please see your Toyota dealer for a copy of this document.

### 1. Prepare for the Installation.



- (a) To ensure the best results during an installation, set up an installation area that is safe and clean. The following items should be considered when selecting an area for installation.
- (1) Installation should be performed in an ambient temperature from 45° F to 95° F (7° C to 35° C).
  - (2) Avoid installing in direct sunlight or extreme heat environment.
  - (3) Avoid installing material when the vehicle surface is over 90° F (32° C).
  - (4) Do not attempt to apply film during windy conditions.
  - (5) Keep the installation area free of dust, grease, or other small particles that can become airborne, i.e. wax dust, paint overspray, etc.
  - (6) The installation area must be well lit.

- (b) Before beginning any installation, perform the following steps to prepare the vehicle's surface:
- (1) Remove any vehicle wrap-guard material from the application areas.
  - (2) Wash / clean the application surfaces thoroughly.
  - (3) Remove any contaminations such as grease, oil, wax, dirt, bug residue, or road tar with approved VDC cleaner.
  - (4) Inspect painted surfaces for existing damage or for fresh, loose, and/or scratched paint. It is recommended that any existing damage be repaired before installation.
- (c) Check the pattern accuracy with the vehicle to ensure the proper length door edge film is used.
- (1) Hold the door edge film up to the door and confirm that the film will cover the length of the door.
  - (2) Make sure all necessary pieces are present.
-  (d) Before handling the film, make sure that hands are clean.



## 2. Install the Door Edge Film.

- (a) Remove 1 to 2 inches of film from the liner.
- (b) Align the film at the top of the door just below the window trim (approximately 0.25 inches below the window trim. Fig. 2-1).
- (c) Once aligned, firmly wipe the film that was removed from the liner down against the door panel.

**⚠ NOTE:** The film should be centered with the edge of the door panel you are installing on. Aligning the rear edge of the film with the opposite vehicle panel will aid in achieving proper centered alignment. (Fig. 2-1).

- (d) If the vehicle does not have window trim to align the film to, choose the starting point for the film so that the ending point is roughly 0.25 inch from the bottom of the door.
- (e) Remove approximately 6 to 8 inches more of the film from the liner. Use one hand to hold the film and liner taut so that the film is aligned properly and close to, but not touching the door panel. Starting at the top edge working down, use your thumb, or finger to firmly, and smoothly wipe the film into place. Use a wrap glove, or soft cotton material on application hand for best results. (Fig. 2-2).
- (f) Repeat the technique explained in step (e) to install the remaining film on the door edge.



Fig. 2-2

**⚠ NOTE:** The film should stop 0.25 inch short of the lower edge of the door. Do not overstretch the film while applying.

- (g) Use scissors to trim if necessary.



- (h) Open the door to proceed with the installation.
- (i) Gradually, wrap the film around the door edge ensuring that it is stuck to the outer point of the door edge first before sealing it to the inner portion of the door (Fig. 2-3). Starting first with any major body lines will help ensure you do not crease/wrinkle the film.

**⚠ NOTE:** Be sure the film on the inside edge is fully sealed along the door length. A heat gun may be used to warm and adhere any areas of the film that may be lifting.

-  (j) Check the surface for air bubbles or any other defects before continuing.
- (k) Repeat the process on the remaining doors.

### 3. Use and Care.

- (a) Clean the surface of the vehicle as necessary.
- (b) Remove the film if necessary.
  - (1) Peel an edge corner of the material up. Grab enough material to allow a secure grasp by hand.
  - (2) Pull the material at an angle between 30° and 45°.
  - (3) Do not try to rip the material off the surface; instead, stretch the material off the surface.

**⚠ NOTE:** Stretching the material minimizes the amount of adhesive left on the vehicle surface.

- (4) Clean any adhesive left on the surface with adhesive remover.

Checklist - these points **MUST** be checked to ensure a quality installation.

Check:	Look For:
<u>Accessory Function Checks</u>  <input type="checkbox"/> Correct part number has been installed <input type="checkbox"/> Part is installed correctly <input type="checkbox"/> Film quality	Verify the part number on the package  No loose edges, bubbles, and or film damage  No scratches, correct edge alignment, and or debris under film
<u>Vehicle Function Checks</u>  <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<u>Vehicle Appearance Check</u>  <input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.	Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMNA Accessory Quality Shipping Standard.)