

Part Number: PT948-1M161

Kit Contents

Item #	Quantity Req.	Description
1	1	Driver Side Front Door Sill
2	1	Driver Side Rear Door Sill
3	1	Passenger Side Front Door Sill
4	1	Passenger Side Rear Door Sill

Hardware Bag Contents

Item #	Quantity Req.	Description
2		
3		

Additional Items Required For Installation

Item #	Quantity Req.	Description
1		
2		
3		

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses/Gloves	Optional
Special Tools	Notes
Non-Intrusive IR Temperature Probe / Gun	
Soft Felt Block or Roller	0.5" Thick with double bevel edges (ie: Sutherland Felt 32S1 or 3M 71606) OR 2" Silicone/Rubber Pressure Roller
Installation Tools	Notes
Heat Gun	Part & Vehicle must be over 70°F
Lint-Free Scratch Resistant Cloth	WypAll L40 Disposable Cloth (Recommended)
Masking Tape	
Special Chemicals	Notes
Cleaner	Soap & Water Mixture
Water	Bottled & Distilled

General Applicability

All iA models

Recommended Sequence of Application







Item #	Accessory
1	
2	
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req.	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.).

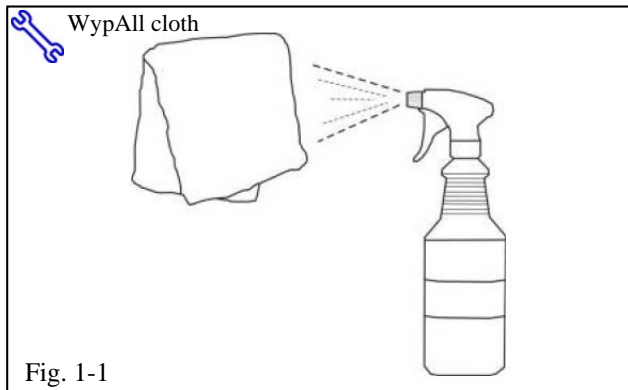
Please see your Toyota dealer for a copy of this document.

1. Prepare for the Installation.

(a) Thoroughly clean all installation surfaces.

⚠ NOTE: Always use a clean WypAll lint-free scratch resistant cloth and shake the soap & water mixture well.

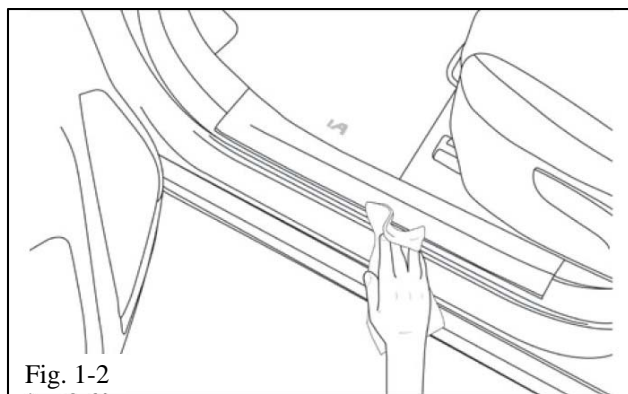
(b) Apply the soap & water mixture to the cloth.
Do not spray cleaning solutions directly onto the vehicle (Fig. 1-1).

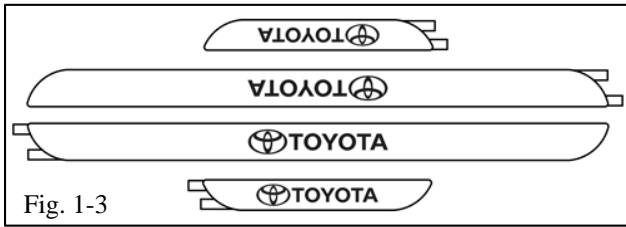


(c) Clean the surfaces thoroughly and wipe dry immediately with a new clean cloth. Do not allow the cleaner to air dry (Fig. 1-2).

(d) Apply water to a clean cloth. Clean the surface thoroughly to ensure any soap & water mixture is completely removed. Wipe dry with a new clean cloth.

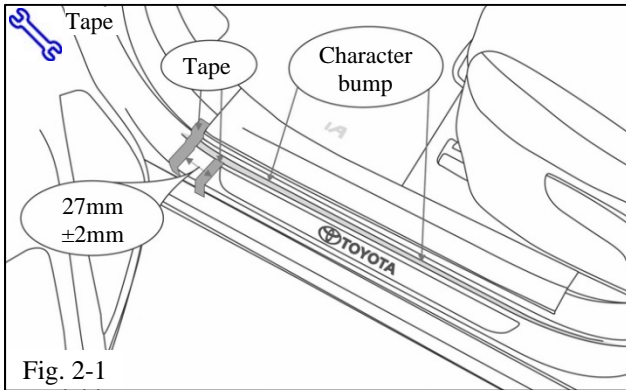
(e) Ensure the door sill protector and the vehicle installation surfaces are between 70°F and 110°F at the time of installation. A heat source may be used to maintain a minimum temperature.





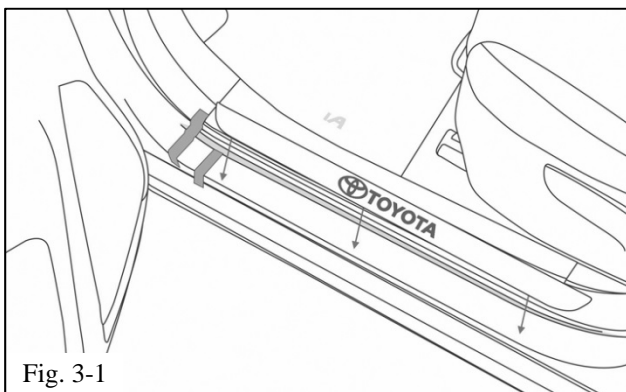
- (f) Inspect the kit for contents and any damage (Fig. 1-3).

2. Mark the Installation Location –Front Door Sills.



- (a) Place a piece of masking tape flush along the front edge of the driver front door scuff plate (where it meets the kick panel) across the painted door sill surface to create a measurement reference line (Fig. 2-1).
- (b) Measure 27mm (± 2 mm) from the back edge of the tape that borders the scuff plate and place the right edge of a second piece of tape across the painted door sill surface (Fig. 2-1).
- (c) Confirm the measurement from the front edge of the scuff plate to the back edge side of the second piece of tape is 27mm (± 2 mm).
- (d) Repeat Step 2 on the front passenger door sill area.

3. Install the Front Door Sill Protectors.



- (a) Position a front door sill protector over the front driver side vehicle door sill area. Align the front edge/corner along the back edge of the tape applied in Step 2(b) to check for proper fit and orientation prior to installation (Fig. 3-1).

⚠ NOTE: The “TOYOTA” logo must be oriented to be read from the outside of the vehicle.

- (b) Remove the tape liner from the front door sill protector. Do not touch the adhesive.

(c) Carefully align the part on the flat area of the center of the sill (Fig. 3-1).

(1) Align the front edge/corner along the back edge of the tape from Step 2(b).

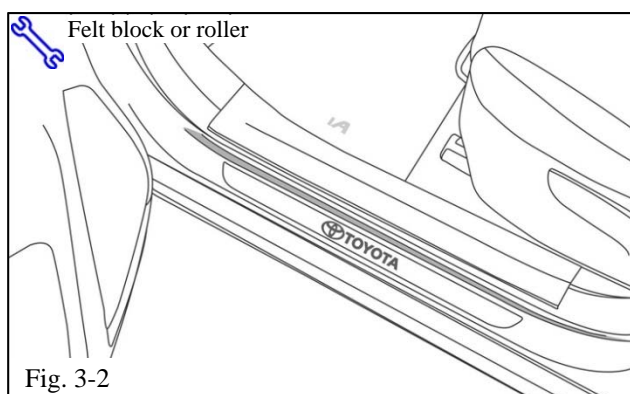
(2) Align the inside edge of the door sill protector along the character bump that runs front to rear of the sill area.

⚠ NOTE: DO NOT adhere the door sill protector onto the character bump radius or the curved area of the vehicle door sill. It must be centered and installed on the flat area of the vehicle door sill.

(d) Gently touch the part into position once alignment is confirmed. The adhesive is very aggressive; once adhered it will be difficult to reposition (Fig. 3-2).

(e) Once positioned correctly, apply firm pressure with a soft felt block or 2" roller to ensure maximum adhesive contact. Press from the center of the door sill protector toward the edges to apply even pressure across the part and ensure uniform adhesive contact.

(f) Repeat Step 3 for the front passenger door sill.



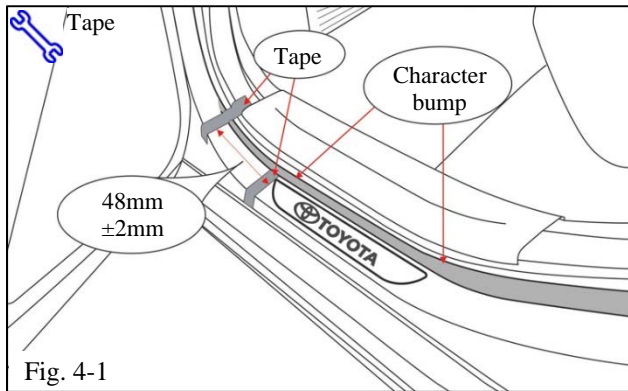


Fig. 4-1

4. Mark the Installation Location – Driver Rear Door Sill.

- Place a piece of masking tape flush along the front edge of the driver rear door scuff plate (where it meets the kick panel) across the painted door sill surface to create a measurement reference line (Fig. 4-1).
- Measure 48mm (±2mm) from the back edge of the tape that borders the scuff plate and place the right edge of a second piece of tape across the painted door sill surface (Fig. 4-1).
- Confirm the measurement from the front edge of the scuff plate to the back edge side of the second piece of tape is 48mm (±2mm).
- Repeat Step 4 on the rear passenger door sill area.

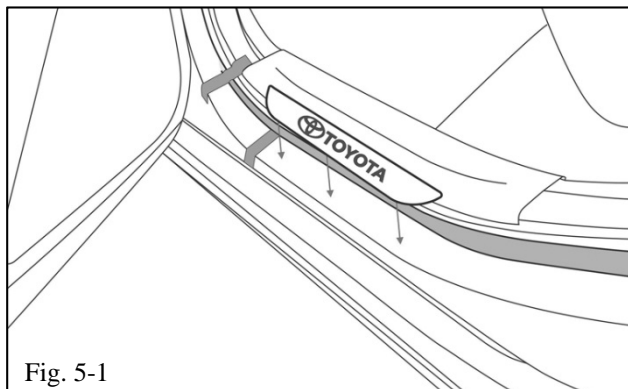


Fig. 5-1

5. Install the Rear Door Sill Protectors.

- Position a rear door sill protector over the rear driver side vehicle door sill area. Align the front edge/corner along the back edge of the tape applied in Step 4(b) to check for proper fit and orientation prior to installation (Fig. 5-1).

⚠ NOTE: The “TOYOTA” logo must be oriented to be read from the outside of the vehicle.

- Remove the tape liner from the rear door sill protector. Do not touch the adhesive.

(c) Carefully align the part on the flat area of the center of the sill (Fig. 5-1).

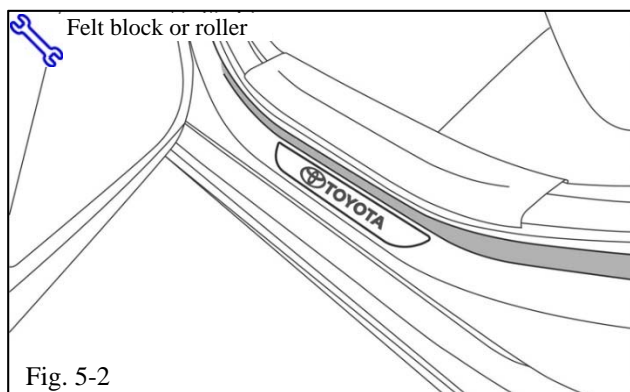
(1) Align the front edge/corner along the back edge of the tape from Step 4(b).

(2) Align the inside edge of the door sill protector along the character bump that runs front to rear of the sill area.

⚠ NOTE: DO NOT adhere the door sill protector onto the character bump radius or the curved area of the vehicle door sill. It must be centered and installed on the flat area of the vehicle door sill.

(d) Gently touch the part into position once alignment is confirmed. The adhesive is very aggressive; once adhered it will be difficult to reposition (Fig. 5-2).

(e) Once positioned correctly, apply firm pressure with a soft felt block or 2" roller to ensure maximum adhesive contact. Press from the center of the door sill protector toward the edges to apply even pressure across the part and ensure uniform adhesive contact.



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

<u>Check:</u>	<u>Look For:</u>
<p><u>Accessory Function Checks</u></p> <p><input type="checkbox"/> Adhesion</p> <p><input type="checkbox"/> Alignment</p> <p><input type="checkbox"/> Front position</p> <p><input type="checkbox"/> Rear position</p>	<p>Part should be securely adhered to the vehicle</p> <p>Part should be aligned parallel to the outer edges of the vehicle door sill surface</p> <p>Front edge/corner of the front door sill enhancement should be 27mm (± 2mm) back from the front edge of the scuff plate</p> <p>Front edge/corner of the rear door sill enhancement should be 48mm (± 2mm) back from the front edge of the scuff plate</p>
<p><u>Vehicle Function Checks</u></p> <p><input type="checkbox"/> Door operation</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>	<p>The doors should open and close without any interference from the door sill enhancements</p>
<p><u>Vehicle Appearance Check</u></p> <p><input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.</p>	<p>Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMS Accessory Quality Shipping Standard.)</p>