

Preparation

Part Number: PT938-42190-XX

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Molding, LH Front Door
2	1	Molding, LH Rear Door
3	1	Molding, RH Front Door
4	1	Molding, RH Rear Door

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1		
2		

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		
2		

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Special Tools	Notes
Roller	1" to 3" wide i.e. Marshalltown E54D or Dynamat 10007
Installation Tools	Notes
Flexible Scale or Tape Measure	
Masking Tape	1-in. wide
Clean Lint-free Cloths	
Non-marring straight edge	
Special Chemicals	Notes
Cleaner	

General Applicability

MY19 and newer RAV4, RAV4 HV vehicles

Recommended Sequence of Application

Item #	Accessory
1	Body Side Molding
2	Door Edge Guard

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description

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.

Procedure

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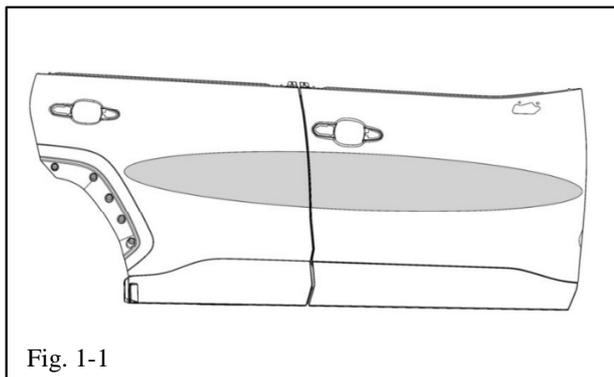
1. Prepare the Vehicle.

 (a) Ensure the vehicle is clean and prepped for the installation.

 (b) The work area, body side moldings, and vehicle door surface temperature must be at least 60°F – 90°F (15°C – 32°C).

(c) Clean the door area/fixture touch points using a non-scratch cloth and a VDC approved cleaner and cleaning method (Fig. 1-1).

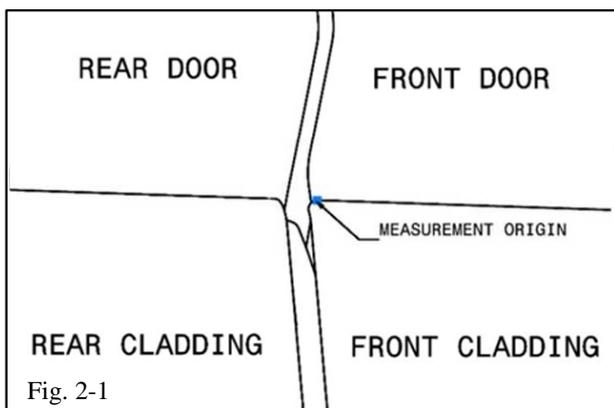
 **NOTE:** Once the area is cleaned, do not contaminate the surface by touching it with your bare hands.



2. Locate the Horizontal Measurement.

(a) Locate the horizontal measurement location on the front cladding (Fig 2-1).

 **NOTE:** Ensure fixture contact points are clean and free of debris. Use compressed air prior to installation if necessary.



3. Measure the Door Locations

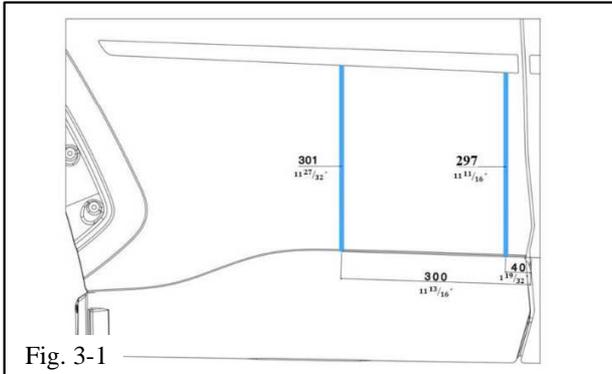


Fig. 3-1

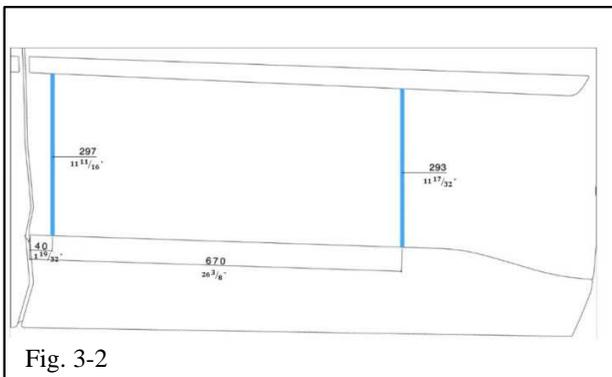


Fig. 3-2

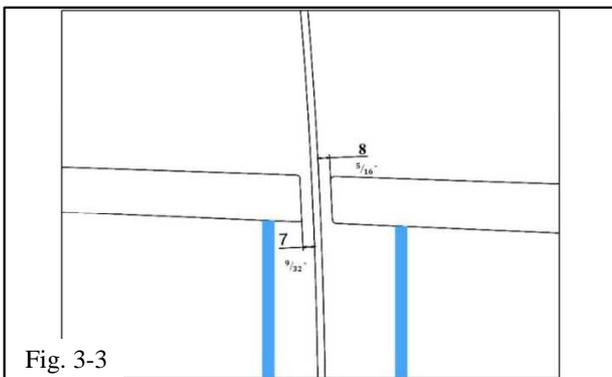
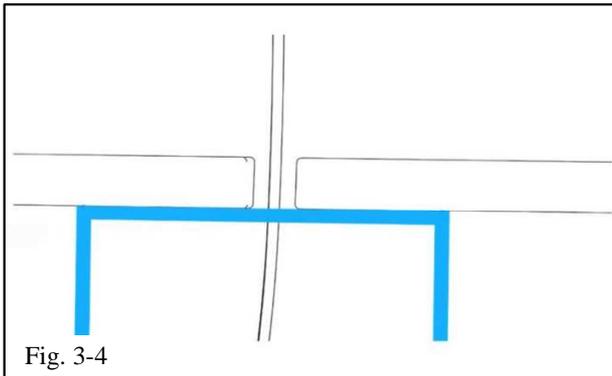


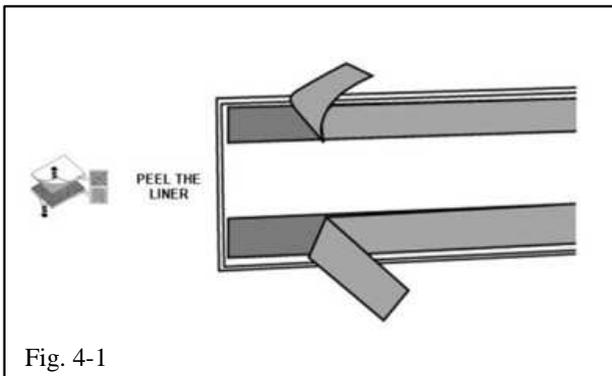
Fig. 3-3

- (a) Measure the locations along the upper edge of the rear cladding, then measure the vertical locations for the rear molding (mm or in.) (Fig. 3-1).
- (b) For each vertical location, place a piece of tape on the rear door.
- (c) Measure the locations along the upper edge of the front cladding, then measure the vertical locations for the front molding (mm or in.) (Fig. 3-2).
- (d) For each vertical location, place a piece of tape on the front door.
- (e) Measure the distance from the edge of the front door to the edge of the front molding (Fig. 3-3).
- (f) Using a piece of tape, mark the location of the front molding from the edge of the front door.
- (g) Measure the distance from the edge of the rear door to the edge of the rear molding.
- (h) Using a piece of tape, mark the location of the rear molding from the edge of the rear door.

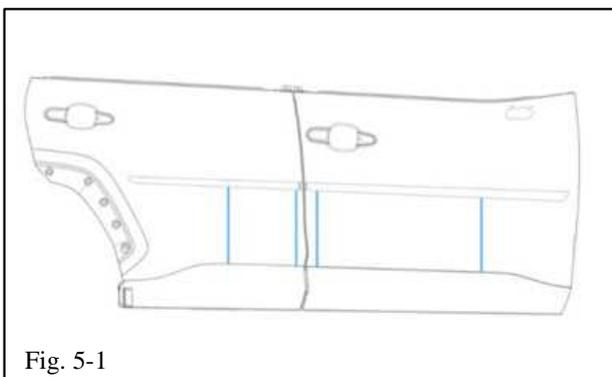


- (i) Apply a horizontal strip of tape bridging the front and rear door gap (Fig. 3-4).

4. Install the Body Side Molding

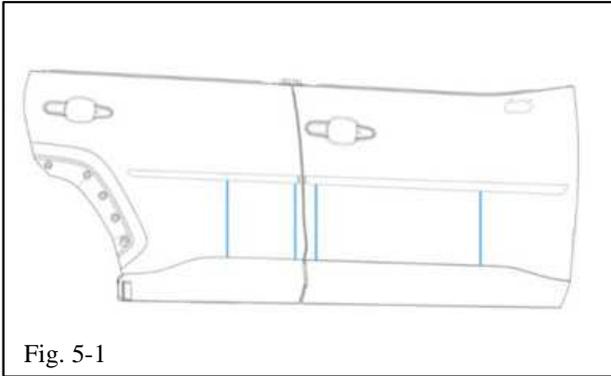


- (a) Carefully fold the liner tabs away from the molding such that the tabs are accessible when the molding is in the install position (Fig. 4-1).

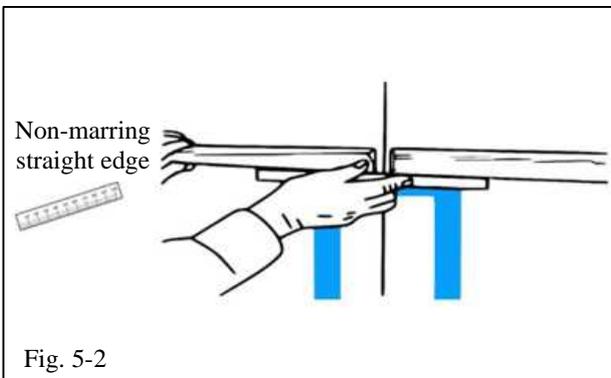


- (b) Carefully holding the rear molding, align the molding on the marked locations. Peel away the liner beginning from the middle of the vehicle.

⚠ NOTE: Repeat for the front molding.

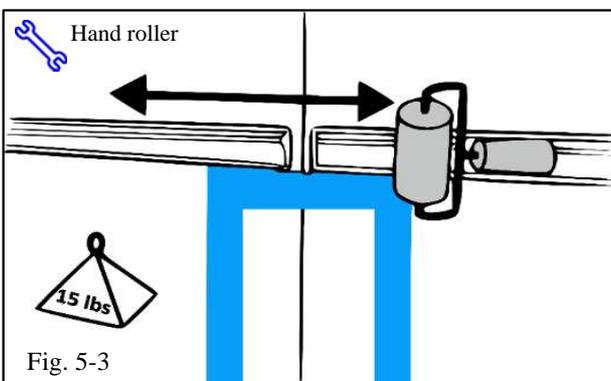


(c) Carefully holding the rear molding, align the molding on the marked locations. Peel away the liner beginning from the middle of the vehicle (Fig. 5-1).



(d) Check the alignment between the moldings by placing a non-marring straight edge flush with the bottom of the front and rear moldings (Fig. 5-2).

NOTE: The edges must align.



(e) Using the hand roller and a clean cloth, roll around the perimeter of the parts with 15 lbs of force to ensure complete adhesion of the tape to the door surface. Use the cloth to protect the sheet metal and the body side molding (Fig. 5-3).

CAUTION: Ensure the roller does not damage the painted surface.

(f) Repeat Steps 1-3 for the opposite side of the vehicle.

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"/> Check visual alignment</p> <p><input type="checkbox"/> Check for proper tape adhesion.</p>	<p>The molding should be visually straight.</p> <p>Confirm 100% tape adhesion completely around the part between the body side molding and door sheet metal.</p> <p>No gap is allowed between the tape and the vehicle door surface, except where the tape seam joins on the backside.</p>
<p><u>Vehicle Function Checks</u></p> <p><input type="checkbox"/></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.</p> <p>(For PPO installations, refer to TMS Accessory Quality Shipping Standard).</p>