

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Front Driver Door Guard
2	1	Front Passenger Door Guard
3	1	Rear Driver Door Guard (if applicable)
4	1	Rear Passenger Door Guard (if applicable)

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	N/A	N/A

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	A/R	VDC Approved Cleaner; if possible, Minimum 70% Isopropyl Alcohol
2	A/R	Disposable Shop towels (i.e. Scott towels)
3	A/R	Blue painter's masking tape
4	1	Scissors

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	Notes
None	
Special Tools	Notes
PPO Magnetic Template	IADS p/n = Refer to IADS Document
Sealant Measurement Tool	IADS p/n = Refer to IADS Document
DIO Paper Door Templates	N/A
Nylon Removal Tool (NRT)	SST p/n = 00002-06002-01
Installation Tools	Notes
12-oz. Rubber Mallet	IADS p/n = PRI10-D5-02 Vaughn, p/n = SF12
Special Chemicals	Notes
Minimum 70% Isopropyl Alcohol	

General Applicability

All

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
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.



REGULATORY MARK: This mark indicates the component is related to regulatory compliance



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. Check the Kit Content.

- (a) Check kit for proper contents and damage.

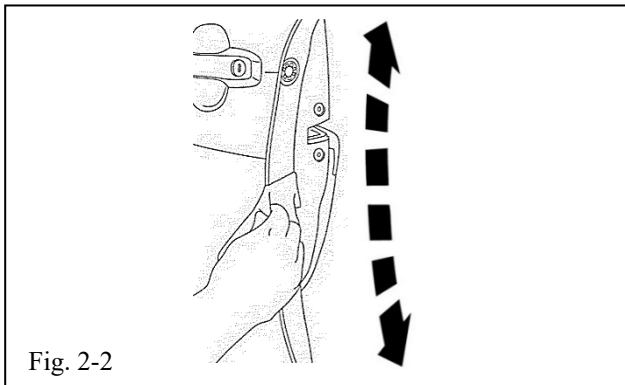
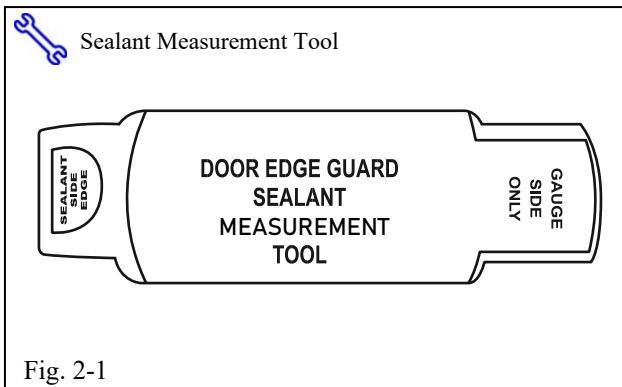
2. Prepare the Vehicle.

- (a) Do a visual check of the sealant on all four doors before install.

- (1) Use sealant measurement tool to measure from Door Edge Guard to sealer location, in area where Door Edge Guard will be placed (Fig 2-1).

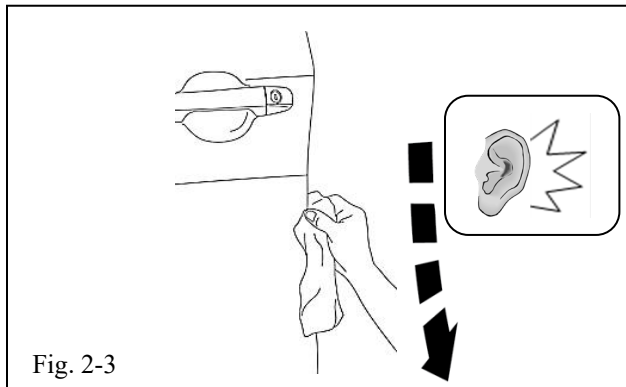
CAUTION: Clearance is sufficient when the tool bottoms out on the door. Verifying the sealant condition must be done to allow for proper Door Edge Guard installation.

CAUTION: Do not attempt to push back the sealant with the Sealant Measurement Tool.



- (b) Clean all door edges with a new towel. Rotate towel after each wipe. Use one towel per door (Fig 2-2).

- (1) Wipe until resistance is felt to ensure door is thoroughly cleaned.

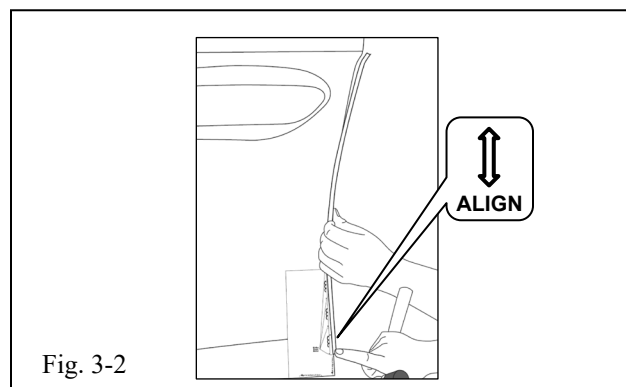
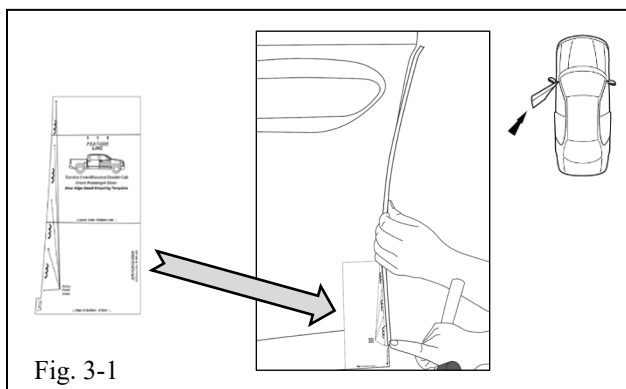


- (c) Dry all door edges with a new towel. Rotate towel after each wipe. Use one towel per door (Fig 2-3).
(1) Wipe until a squeak is heard from the door.

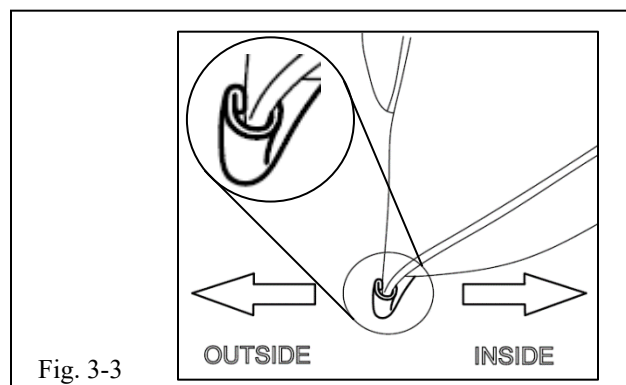
3. Install Front Door Edge Guards.

- (a) Start on the front driver door guard first.
(b) Clean template and template contact area (Fig 3-1).

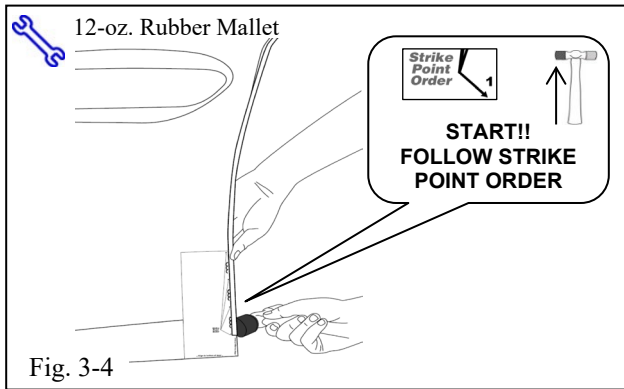
NOTE: All templates are included in a separate document within Accessory Sales Guide (ASG). A Table of Contents is included in the document to locate your specific model.



- (1) Tape template to door and align (Fig 3-2).

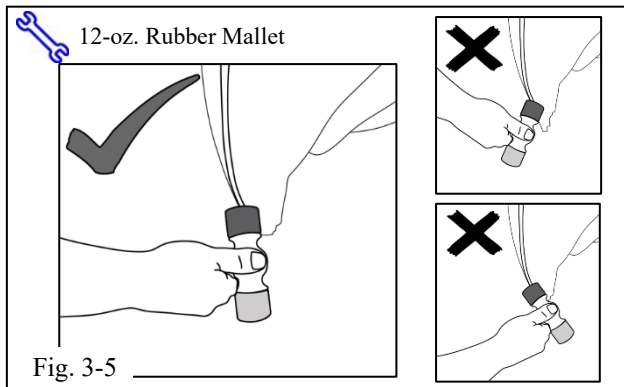


- (c) Ensure the door edge guard is placed in the correct orientation as shown (Fig 3-3).

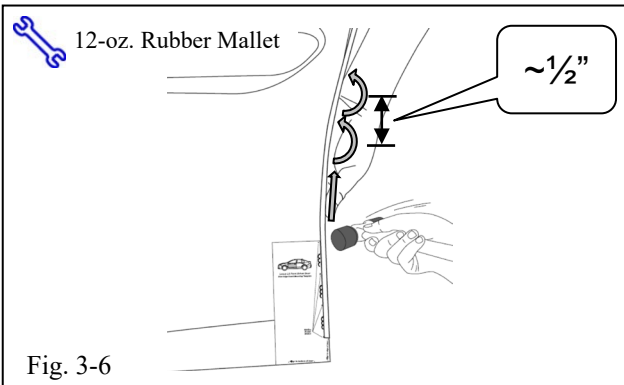


(d) Use a rubber mallet and follow the strike point order on the template (Fig 3-4).

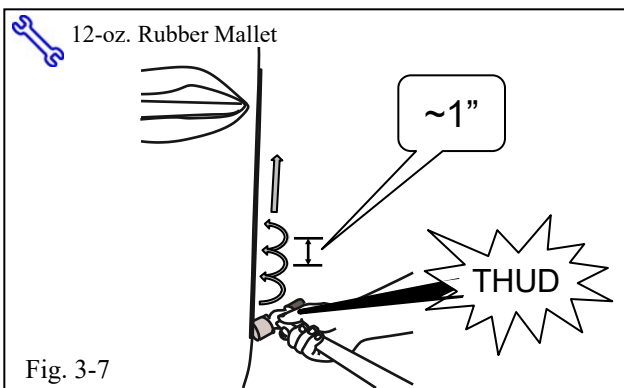
CAUTION: Ensure you are using the correct template for your application and ensure you follow the strike point order on the template to prevent damage of door.



(1) Ensure the mallet head is perpendicular to the edge of the door (Fig 3-5).



(e) Continue up in 1/2" increments, guiding the door edge guard as you go (Fig 3-6).



(f) Once you have guided the door edge guard along its length, perform another pass-through of strike points moving upwards at 1" increments (Fig 3-7).

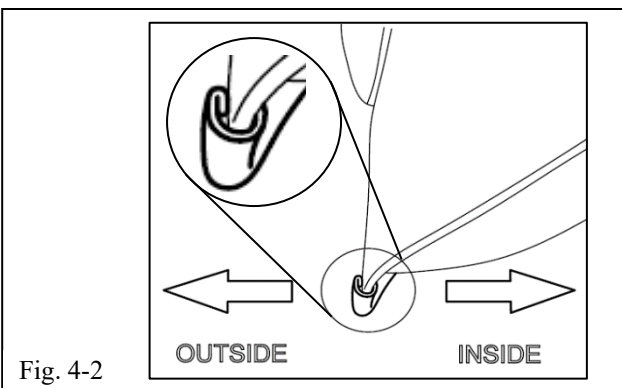
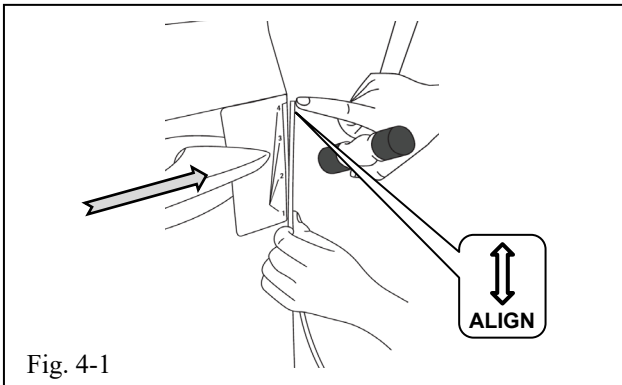
(1) Ensure the mallet head is perpendicular to the edge of the door.

(2) Ensure you hear a "Thud" noise with each strike. If no "Thud" is heard, repeat steps (3)(e) and (3)(f).

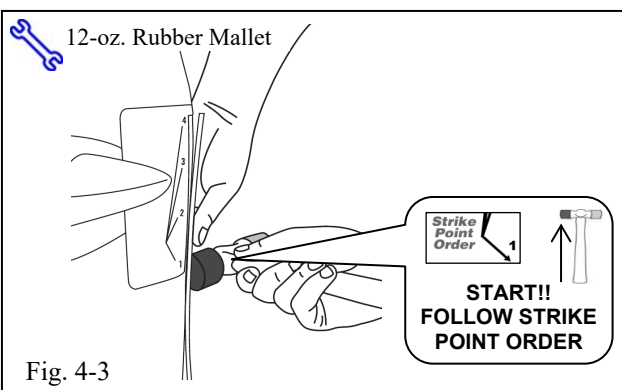
- (g) Repeat steps (3)(b) through (3)(f) to install the front passenger door guard.

4. Install Rear Door Edge Guards (if applicable).

- (a) Start on the rear driver door guard first.
(b) Clean template and template contact area.
(c) Tape template to door and align (Fig 4-1).

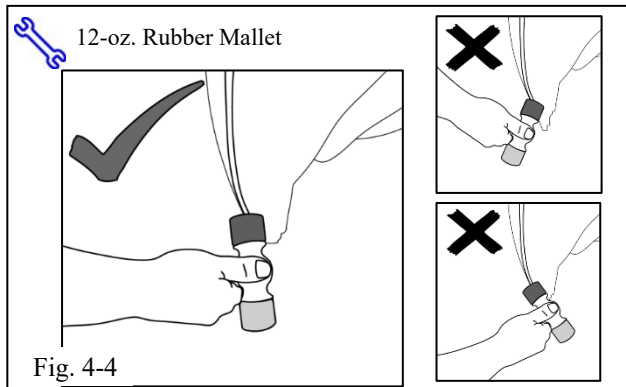


- (d) Ensure the door edge guard is placed in the correct orientation as shown (Fig 4-2).

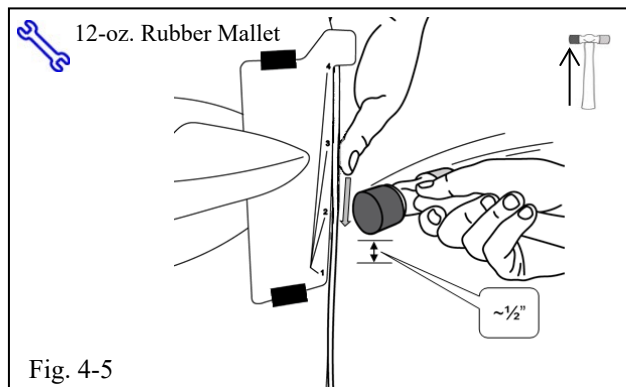


- (e) Use a rubber mallet and follow the strike point order on the template (Fig 4-3).

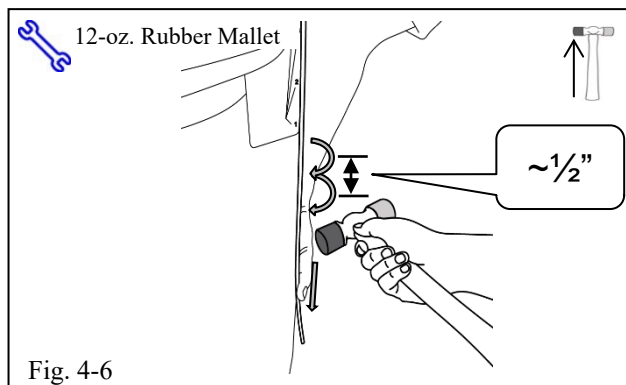
CAUTION: Ensure you are using the correct template for your application and ensure you follow the strike point order on the template to prevent damage of door.



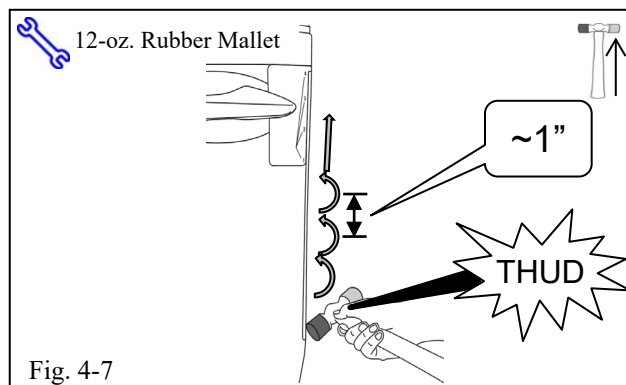
- (1) Ensure the mallet head is perpendicular to the edge of the door (Fig 4-4).



- (f) Strike down the length of the door edge guard in $\frac{1}{2}$ " increments, guiding the door edge guard as you go (Fig 4-5).



- (g) Continue striking in $\frac{1}{2}$ " increments to the end of the door edge guard (Fig 4-6).



- (h) Once you have guided the door edge guard along its length, perform another pass-through of strike points moving upwards at 1" increments (Fig 4-7).

- (1) Ensure the mallet head is perpendicular to the edge of the door.



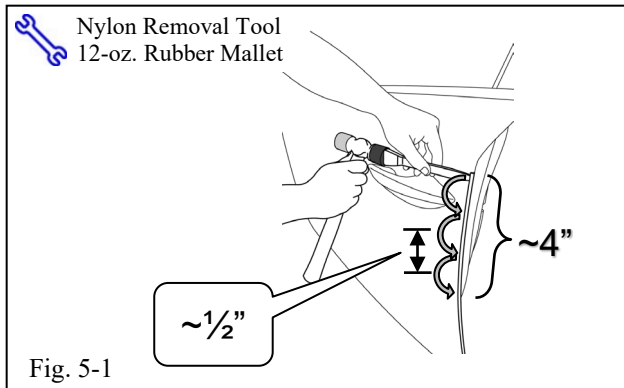
- (2) Use yellow side of mallet.

- (3) Ensure you hear a "Thud" noise with each strike. If no "Thud" is heard, repeat steps (4)(f) and (4)(g).

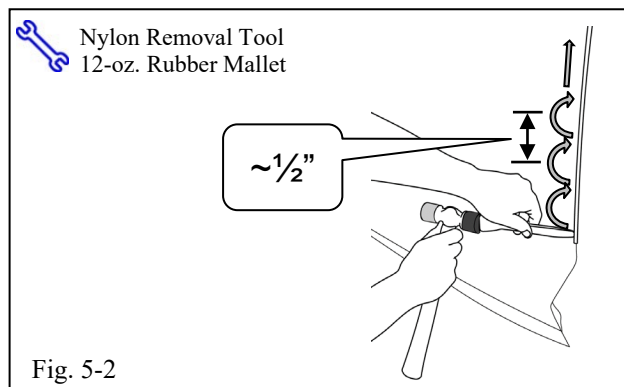
- (i) Repeat steps (4)(b) through (4)(h) to install the rear passenger door guard.

5. DEG Removal (if applicable)

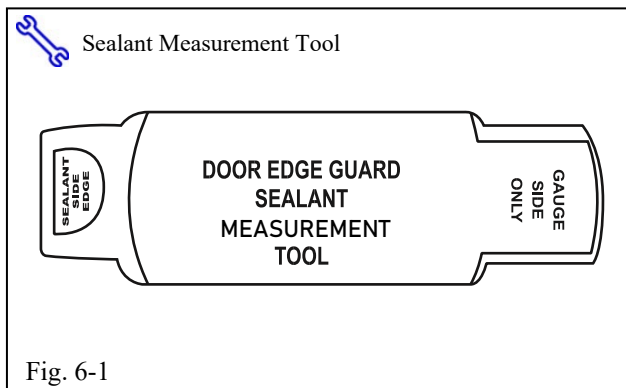
- (a) Using the nylon removal tool and mallet, start at the top of the door edge guard and pry off at $\frac{1}{2}$ " increments until 4" of length has been covered (Fig 5-1).



- (b) Using the same nylon removal tool and mallet, move to the bottom of the door edge guard and pry off at $\frac{1}{2}$ " increments up the length of the door edge guard (Fig 5-2).
(1) Continue until door edge guard is removed.

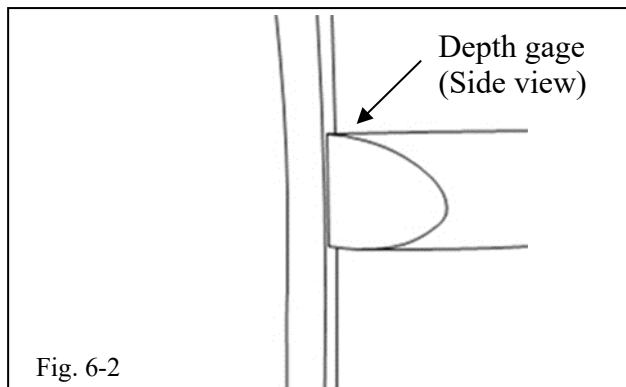


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NOTE: Use the measurement tool to verify if sealant is close to the door's edge. This must be done prior to **Door Edge Guard** installation to allow for proper fit (Fig. 6-1).

Check tool regularly for damage and wear. Channel depth should be at least 3.0mm.



GAGE: Align the measurement tool to the edge of the door, with the angle edge positioned toward the inside of the door (Fig. 6-2).

Use the measurement tool as a depth gage down the entire length of the door's edge. Sealant clearance is sufficient when the tool bottoms out on the door's edge. This is to verify that the sealant material is away from the edge of the door allowing for proper Door Edge Guard installation.

NOTE: If sealant measurement tool cannot be bottomed-out, do not install the Door Edge Guard.

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

<p><u>Check:</u></p> <p><u>Accessory Function Checks</u></p> <p><input type="checkbox"/> Confirm all Door Edge Guards are fully seated.</p>	<p><u>Look For:</u></p> <p>Look for a fairly consistent gap between the DEG and adjoining vehicle panels.</p> <p>Gently use forefinger and thumb to pull Door Edge Guard to ensure it is properly seated. Follow the top, middle and bottom sequencing to gently pull the Door Edge Guard. Avoid pulling within 25mm of the very top and bottom of the DEG.</p> <p>NOTE: Normal vehicle manufacturing tolerances may exist that are not a consequence of an improperly seated DEG installation.</p>
<p><u>Vehicle Function Checks</u></p> <p><input type="checkbox"/> Vehicle door operation.</p>	<p>Confirm both doors open and close without interference from DEG or Body Side Molding (if installed).</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 TMNA Accessory Quality Shipping Standard.)</p>