



**INSTALLATION INSTRUCTIONS
CANAM COMMANDER 2021
UPPER DOOR PANELS - VENTED
PART # 252620A**

IMPORTANT NOTICES

READ AND UNDERSTAND THESE INSTRUCTIONS COMPLETELY BEFORE INSTALLATION TO AVOID INJURY TO YOURSELF, DAMAGE TO THE VEHICLE OR ACCESSORY.

- For proper installation, **TWO** people are required.
- Torque specifications must be followed when tightening bolts. Over-tightening any and/or all screws will cause cracks around mounting holes which is not covered by any warranty.
 - As specified on carton label, once protective film on shields is removed, product cannot be returned.
- As specified on carton label, damage caused by packaging staples is not covered by warranty. All staples must be removed prior to removing product from carton.
 - ANY cutting, trimming, drilling or altering of this product as delivered is not covered under warranty.
- Failure to follow these installation instructions completely may void any warrantable components and result in product damage or personal injury.
- Do not use Loctite/Super Glue or any other similar fastener adhesive. These types of products react to plastics and cause cracking. Not covered by any warranty.
 - Our windshields are made from the highest quality material providing optimum transparency and clarity. Blurriness and/or extrusion marks may or may not appear when looking through windshield from a wide, side-angle. This is normal for all extruded clear plastic materials.
- The application of improper cleaners, abrasive and/or dirty cleaning towels can severely damage the product. Failure to follow cleaning recommendation (provided herewith) may void any warrantable components.

DEALER

These instructions contain important information for future reference and must be given to the customer at time of purchase or upon completion of installation.

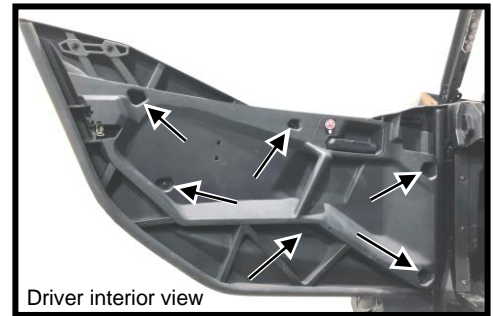
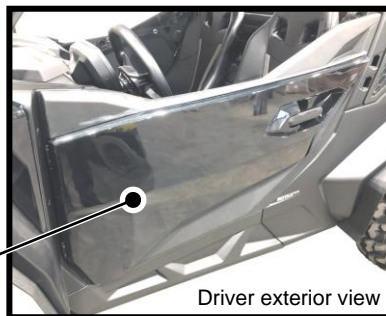
Parts List (parts available with kit only and not available separately)

ITEM	PART NAME	DESCRIPTION	QTY
A	Upper driver door panel	CNC windshield cut-out made of 1/4" thick GE MR10 polycarbonate or equivalent	1
B	Upper passenger door panel	CNC windshield cut-out made of 1/4" thick GE MR10 polycarbonate or equivalent	1
C	Co-extruded SIDE bulb seal (1/4")	Includes: 174" Co-extruded SIDE bulb seal [end user to cut to exact length]	1
INSTRUCTION BAG	D	Upper driver front filler	CNC windshield cut-out made of 1/4" thick GE MR10 polycarbonate or equivalent
	E	Upper passenger front filler	CNC windshield cut-out made of 1/4" thick GE MR10 polycarbonate or equivalent
	F	Driver vent (#C1)	CNC windshield cut-out made of 1/4" thick GE MR10 polycarbonate or equivalent
	G	Passenger vent (#C2)	CNC windshield cut-out made of 1/4" thick GE MR10 polycarbonate or equivalent
	H	Edge guard strip	Includes: 27" edge guard strip [end user to cut to exact length]
	I	Nuts & bolts	Includes: 4 metal plate hooks, 8 phillips truss head screws M6 x 20, 8 phillips truss head screws M6 x 24, 4 phillips truss head screws M6 x 30, 8 flanged locknuts M6, 8 threaded inserts M6, 16 sealing washers M6 x 25, 4 plastic shoulder washers M6 and 4 nylon spacers 1/2"
J	Vent hardware	Includes: 4 carriage bolts M6 x 30, 4 thin plastic washers, 8 plastic washers M6, 4 rubber washers M6 and 4 female thread knobs M6	

1. Installation (Driver side shown)

- a) Temporarily uninstall the OEM driver door cover by removing the 6 OEM Torx screws (T30 Torx tool required) from the inside of the door as shown below. Repeat for passenger side.

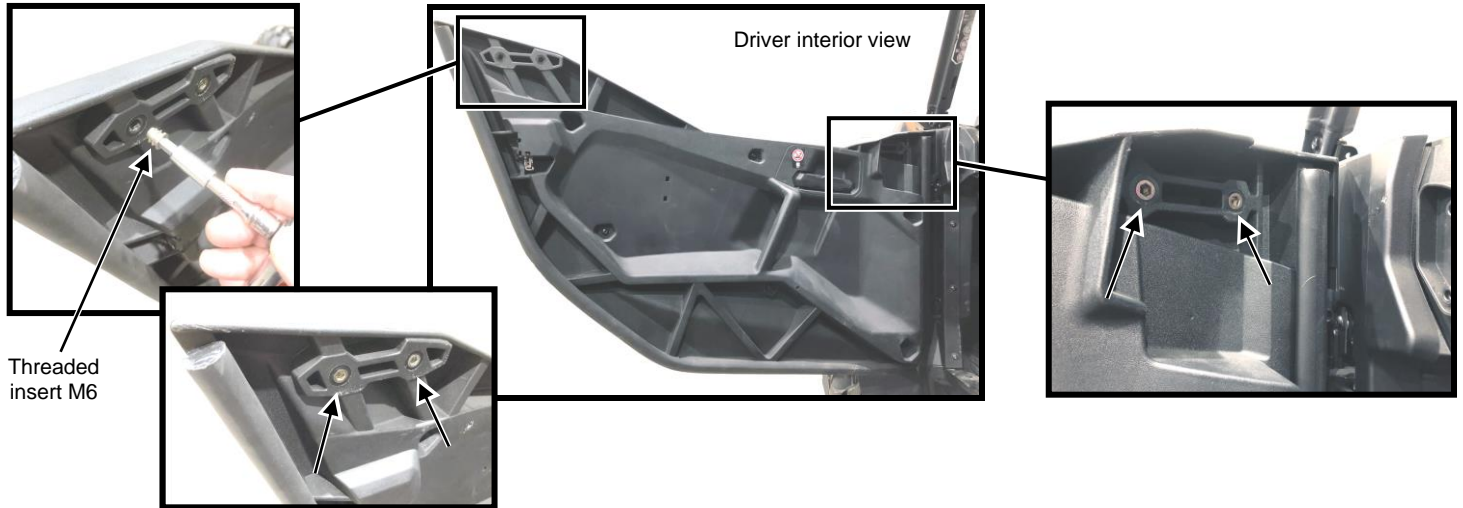
OEM door cover



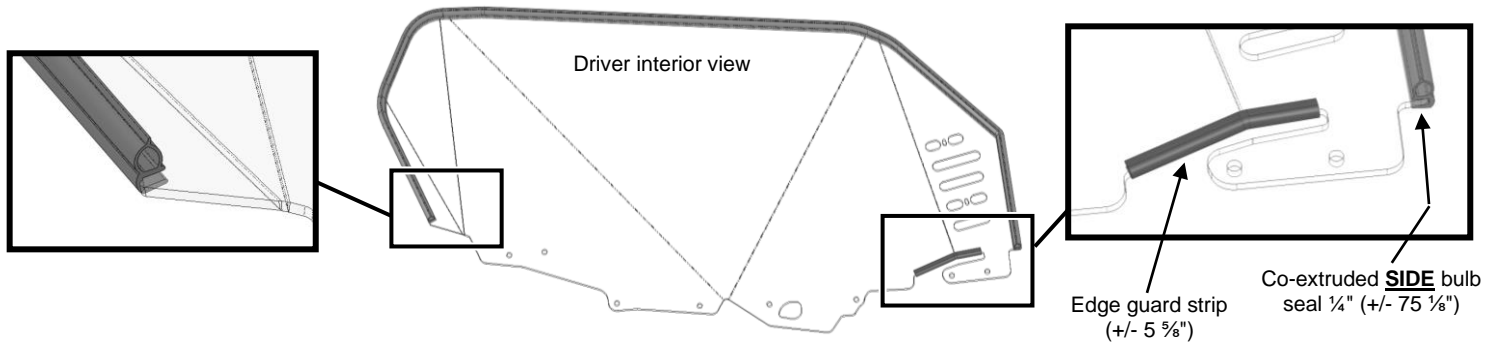
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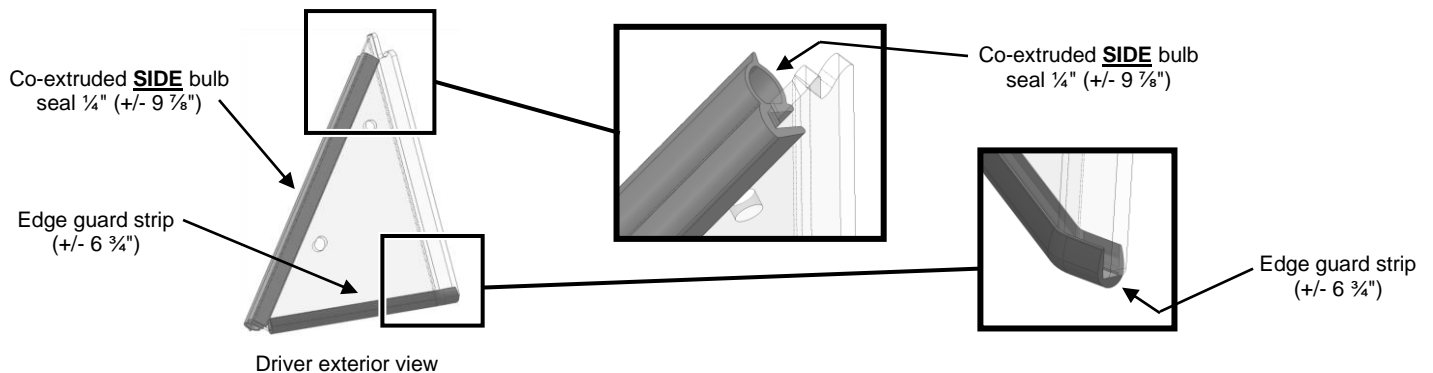
- b) From the interior side of the OEM driver door, install 4 of the supplied threaded inserts (Item I) to the identified OEM holes (¼" Allen tool required) as shown below. Tighten each threaded insert until it properly sits on the door surface. **Do not overtighten. Over tightening could cause parts failure.** Repeat for passenger side.



- c) Find a clean flat area where you can safely lay down the upper driver door panel (Item A). Partially remove the protective film on both sides and apply the co-extruded **SIDE** bulb seal (Item C) and the edge guard strip (Item H) to the upper door panel as shown below using manual pressure to ensure good adhesion to the panel and cut any excess. Repeat for upper passenger door panel (Item B).



- d) Find a clean flat area where you can safely lay down the upper driver front filler (Items D). Partially remove the protective film on both sides and apply the co-extruded **SIDE** bulb seal (Item C) and the edge guard strip (Item H) to the upper door panel as shown below using manual pressure to ensure good adhesion to the panel and cut any excess. Repeat for upper passenger front filler (Item E).

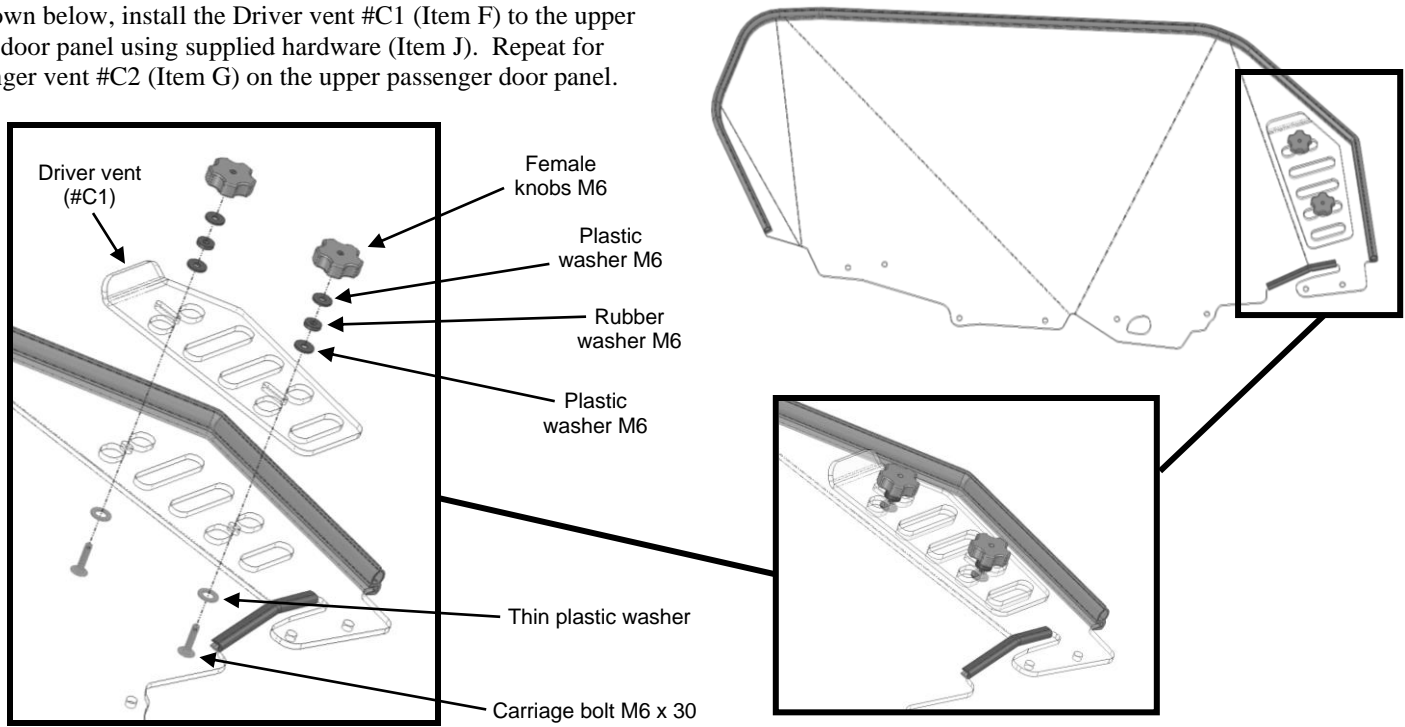


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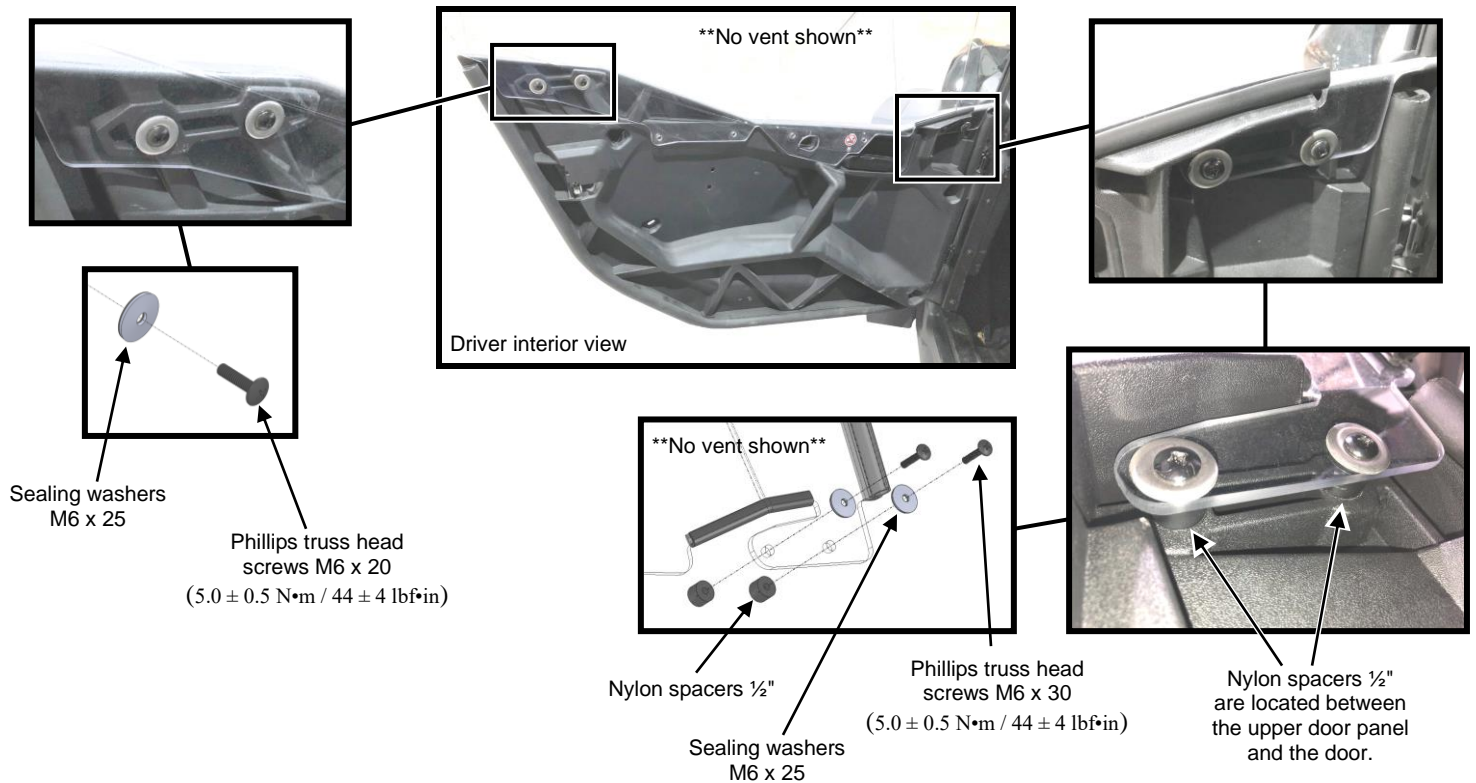
Torque specifications must be followed when tightening bolts.

Over-tightening any and/or all screws will cause cracks around mounting holes which is not covered by any warranty.

- e) As shown below, install the Driver vent #C1 (Item F) to the upper driver door panel using supplied hardware (Item J). Repeat for Passenger vent #C2 (Item G) on the upper passenger door panel.



- f) As shown below, install the upper driver door panel to the 4 threaded insert locations (from step b)) using supplied hardware (Item I) (#3 Phillips bit tool required). Adjust position and tighten **with specified torque indicated below**. Over tightening could cause parts failure. Repeat for upper passenger door panel.



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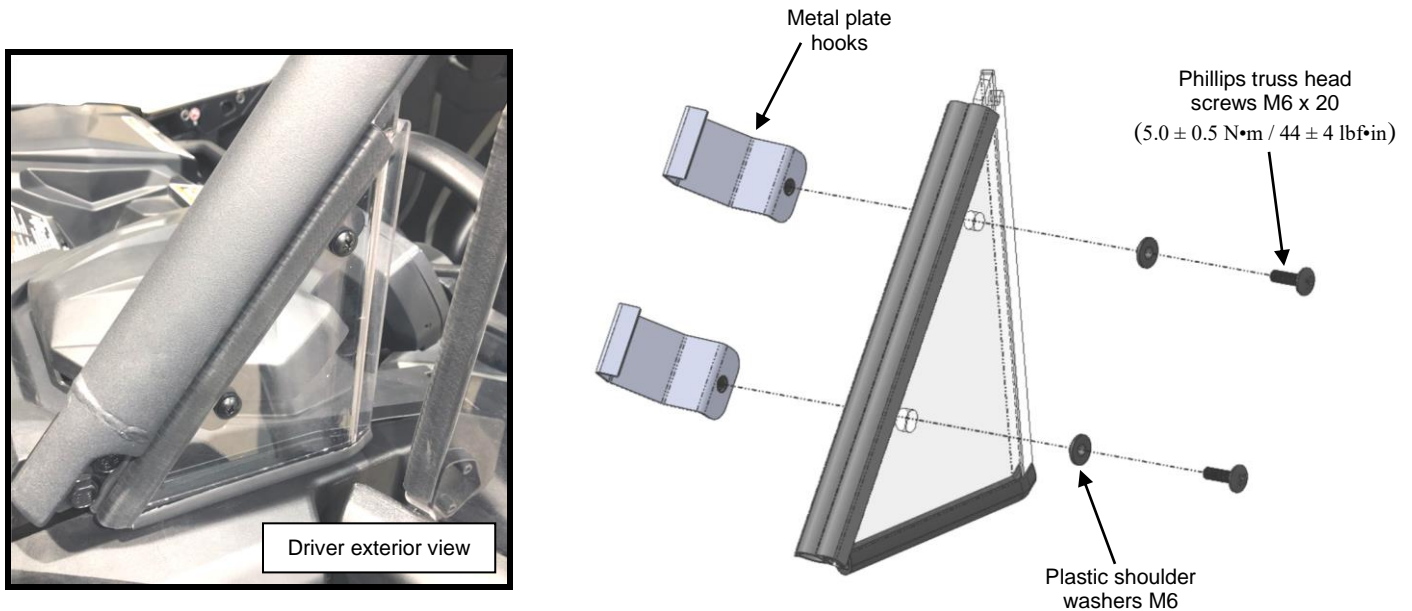
Torque specifications must be followed when tightening bolts.

Over-tightening any and/or all screws will cause cracks around mounting holes which is not covered by any warranty.

- g) As shown below, use the remaining upper driver door panel mounting holes (4x) as a guide and pierce $\frac{5}{16}$ " diameter holes through the OEM driver door frame and secure (#3 Phillips bit and 10 mm socket tools required) using supplied hardware (Item I) **with specified torque indicated below.** Over tightening could cause parts failure. Repeat for OEM passenger door frame with upper passenger door panel.



- h) As shown below, install (#3 Phillips bit tool required) the upper driver front filler using supplied hardware (Item I) **with specified torque indicated below.** Over tightening could cause parts failure. Repeat for upper passenger front filler.



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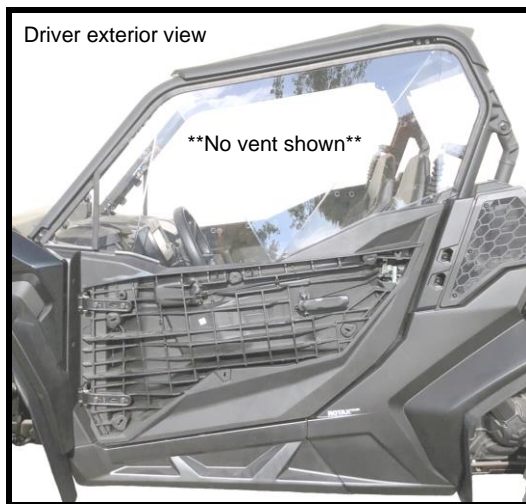
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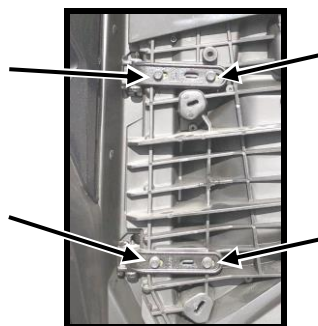
- i) After completing the installation, open and close both doors a few times.

For any door adjustments see tips below:

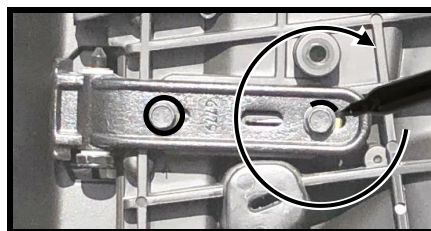
1. Note that OEM doors are not pre-adjusted to accommodate door accessories. It is very common and strongly recommended to adjust door positions when installing door accessories.
2. The assistance of a second person can be very helpful. One person can hold the door while the other person performs adjustments.
3. Prior to loosening any bolts, take some measurements and note all required adjustments. Note that the door can be adjusted forward and backward. The rear portion of the door can also be adjusted up and down.



4. For references, we recommend marking the original position of all door mounting bolts (4x) using a fine point marker or other tracing pen/tools (trace the contour of the bolts head). These reference points will help finetune door positions. Driver side shown, repeat for passenger side.

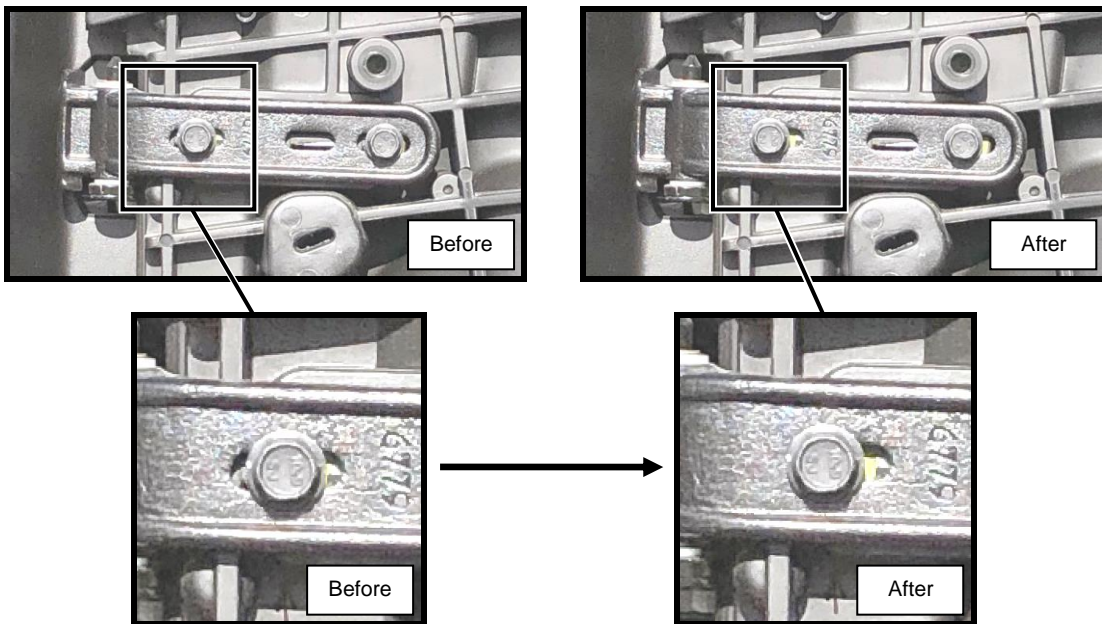


Driver exterior view



5. Using a 13mm key or socket, loosen (do not remove) the mounting bolts that hold the door in place, make required adjustments and tighten. The example below shows a forward adjustment. We recommend adjusting one hinge (2 bolts) at a time. It will be difficult to adjust with all 4 bolts loosened. Try closing and opening the door a few times. Repeat until proper adjustment is complete and tighten to OEM recommended torque of $31.5 \pm 3.5 \text{ N}\cdot\text{m}$ / $23 \pm 3 \text{ lbf}\cdot\text{ft}$. Driver side shown, repeat for passenger side.

Example of forward adjustment on next page (driver exterior view):



j) After completing the adjustments, reinstall the OEM door covers removed in step #1.

ATTENTION: With the upper door installed, the required force necessary to properly close the door is increased. It is the responsibility of the end-user to ensure that the doors are properly closed prior to vehicle use. As a reference, when closing the doors slowly, the door latch must click twice. If not, pull the door until you hear the double click. **CAUTION:** Riding while doors are not closed properly can cause major injury.

2. Maintenance and Care

Tighten all hardware after first use and periodically thereafter.

See cleaning instructions on following page.

Cleaning Instructions for Polycarbonate Products

General Purpose Polycarbonate Products-GP will mar easily with wiping action. To minimize the risk of damage, use only compatible cleaners, a soft, clean cloth, (no paper towels!) and follow proper cleaning procedure as outlined below.

Hard coated Polycarbonate Products-HC offer a higher degree of both surface hardness and abrasion resistance, providing superior protection against unintentional chemical attack/damage. However, the use of abrasive, gritty cleaners or aggressive cleaning should be avoided to eliminate the possibility of scratching or damaging the coating. PLEASE NOTE: Trailing on an open trailer can cause windshield damage due to anti-freeze, brake fluid, oil, gasoline and even battery acid from other vehicles.

Cleaning / Preventing Scratches-ALL Shields:

- Pre-rinse the polycarbonate product with water to loosen and remove surface residue, grit and grime thoroughly. Pressure-washer spray is fine but at a safe distance with a fan spray nozzle – not jet spray mode.
- Using a clean sponge, microfiber sponge or soft cloth gently wash the polycarbonate product with lukewarm water. While cleaning - Keep the sponge clean of dirt, grit and debris. Rinse it frequently and keep it loaded with soap suds. MILD, diluted car wash soap is acceptable. **Do not apply cleaners under direct sunlight or during high temperatures!**
- Immediately rinse thoroughly with water, **DO NOT** allow cleaners to dry on the shield!
- Thoroughly dry using pressurized air, a chamois or moist cellulose sponge to prevent water spots.
- Protect using a quality product such as Plexus plastic cleaner, Rain X Plastic (**not standard RainX**), or liquid car wax and a soft cloth. Plexus is a registered trademark of B.T.I chemical.

Compatible Cleaners for General Purpose Polycarbonate and Hard coated Polycarbonate Products:

The following cleaning agents have been found compatible with polycarbonate products. Follow the manufacturer's recommendations and instructions.

Compatible Cleaners: Joy®, Palmolive liquid®, or mild car wash soap diluted appropriately. **Do NOT use in sunlight or let dry!** Joy is a registered trademark of Procter & Gamble; Palmolive is a registered trademark of Colgate Palmolive.

Compatible Organic Solvents: Butyl Cellosolve, Kerosene, Naphtha (VM&P) grade.
Use these solvents only in extreme cases-All residual organic solvents should be removed with a second rinse.

Compatible Alcohols: Isopropyl Alcohol.
All residual organic alcohols should be removed with a second rinse.

Repairing Hairline Scratches (General Purpose Polycarbonate” Products Only):

Deep scratches and gouges made by sharp objects such as keys, screwdrivers, and knives cannot be repaired. Hairline scratches and minor abrasions may be minimized by using a buffing/ polishing compound. We suggest testing a small area of the product first using a compatible polish following the manufacturer's instructions, prior to using the polish on the entire product. **ALWAYS** use a soft cloth and **NEVER** use paper towels.

Compatible buffing compound: Novus Plastic Polish #1 & #2, Mirror Glaze Clear Plastic Polish.

Cleaning and protecting, we recommend Plexus® plastic cleaner, Rain X Plastic (**not standard RainX**) or Liquid Car Wax.
Plexus is a registered trademark of B.T.I chemical.

For HARD COATED products, buffing the surface is not recommended. Buffing scratched areas may worsen the condition and further damage the coating. Once the coating is removed, it cannot be repaired and buffing may optically distort the polycarbonate product. Quick Spot cleaning on the trail can be done with water or window cleaner such as Sparkle etc., and a soft cloth. Rain-X can be used on HC Polycarbonate but **NOT** on GP Polycarbonate.

Some Important "Do NOT's":

- **DO NOT** use abrasive or high alkaline cleaners on polycarbonate products!
- **DO NOT** scrape polycarbonate products with squeegees, razor blades or other sharp instruments.
- **DO NOT** use gasoline, benzene, acetone, or carbon tetrachloride on polycarbonate products.
- **DO NOT** clean polycarbonate products in direct sunlight or at elevated temperatures.
- **DO NOT** leave cleaners on polycarbonate products for a long period of time. Rinse **IMMEDIATELY**.
- **DO NOT** clean polycarbonate products with gasoline.
- **DO NOT** use any cleaners other than those specified on the approved and compatible list included in this guide.
- **DO NOT** use **Super glue or thread lockers such as Loctite-immediate damage to the polycarbonate will result!**