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7080112

&

7080112T



THE PERRY COMPANY
WWW.PERRY-CO.COM

500 S. VALLEY MILLS DRIVE
WACO, TX 76711
PHONE: 800-755-4269
FAX: 254-756-2166

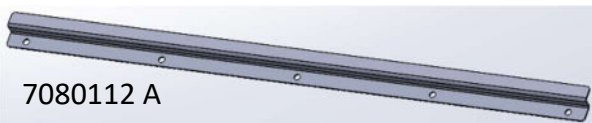
Installation Instructions:
7080112 (Clear) & 7080112T (Tinted)
With Mechanical Fastening System
Replacement Windshield Fits: TB290

Hardware Kit:

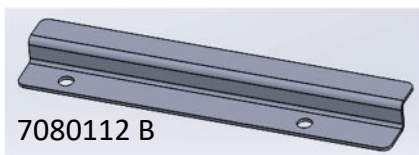
M8 x 25mm Button Head Bolt	(18)
5/16" Black Flat Washer	(18)
M8 Nylon Locknut	(18)

Components:

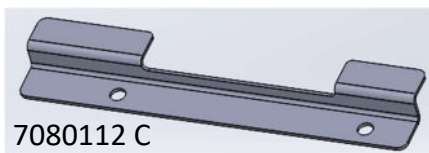
7080112 A	(1)
7080112 B	(1)
7080112 C	(1)
7080112 D	(1)
7080112 E	(1)
7080112 F	(1)
8" Black Zip Ties	(5)



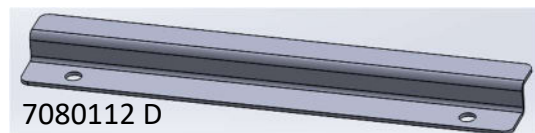
7080112 A



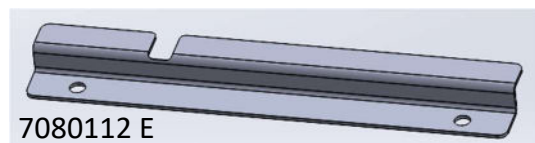
7080112 B



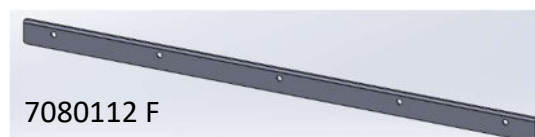
7080112 C



7080112 D



7080112 E



7080112 F

Step 1:

Hardware:

No hardware required

Tools Required:

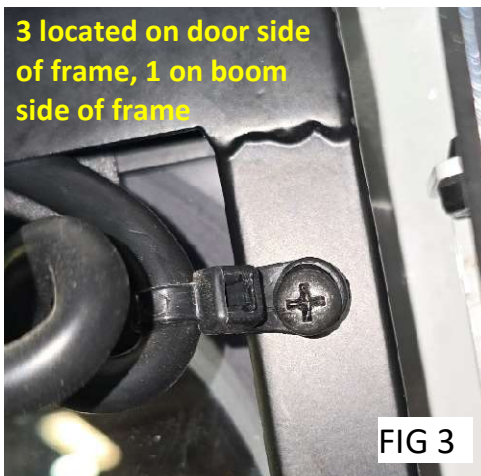
13mm Socket and Ratchet
13mm Wrench
10mm Socket and Ratchet
Phillips Screwdriver
Side Cutters

Instructions:

Remove the mirror from the frame using a 13mm wrench as shown in **FIG 1**. Cut the 4 zip ties holding the wiper cable along the upper part of the frame as shown in **FIG 2**. Use a Phillips screwdriver to remove the (4) screws around the frame holding the wiper motor cable as shown **FIG 3**. Use a 13mm socket and ratchet to remove the 2 bolts holding the arm and gas prop as shown in **FIG 4** (Repeat for Passenger Side of frame). Raise the arms up and unlock the door. Slide the door halfway up and tilt the door so it comes off from the cab.



3 located on door side
of frame, 1 on boom
side of frame



Step 2:

Hardware:

No hardware required

Tools Required:

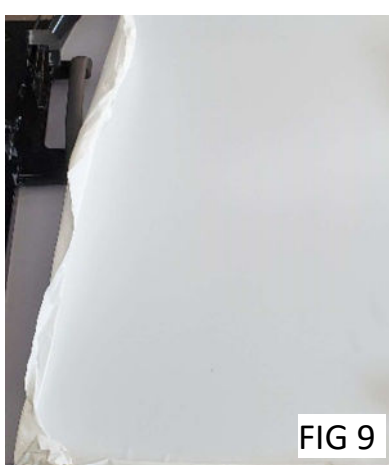
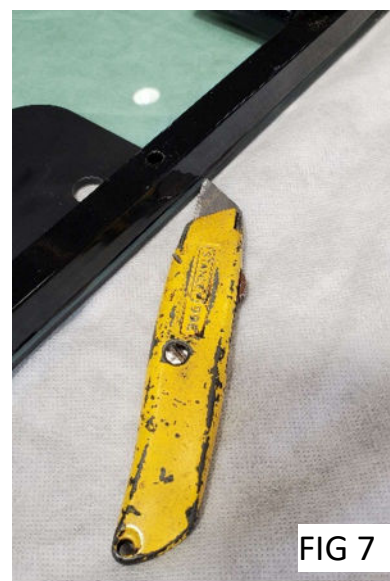
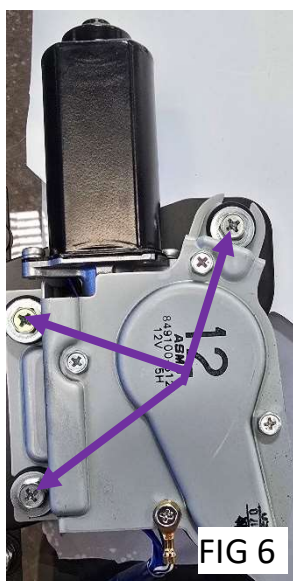
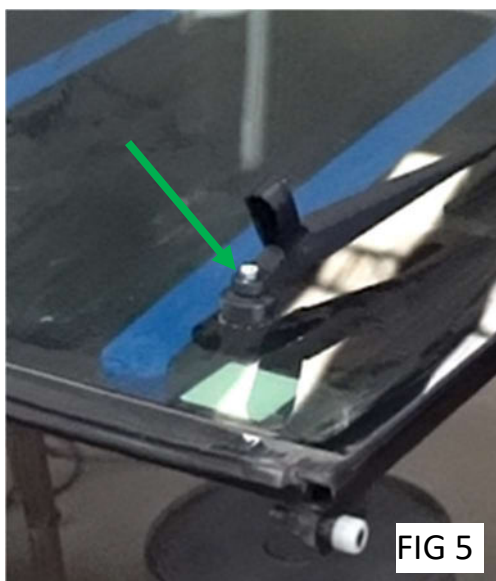
10mm Socket & Ratchet or Wrench

Adjustable Wrench

Utility Knife

Instructions:

Remove the wiper arm using a 10mm socket and ratchet as shown in [FIG 5](#). Use a 10mm socket and ratchet on the (3) screws holding the wiper motor to the frame to remove the wiper motor as shown in [FIG 6](#). Remove the wiper motor grommets and **retain all hardware for re-installation**. Use a utility knife or similar apparatus to remove the glass and urethane from the windshield frame by cutting through the windshield adhesive as shown in [FIG 7](#). Save the lower seal from the OEM glass windshield as it will be reinstalled on the polycarbonate replacement as shown in [FIG 8](#). Use a utility knife or similar apparatus to remove any leftover adhesive from the windshield frame. Once the frame is clean and clear of residue you can now pull the protective film from around the edges of the replacement polycarbonate and place onto the frame as shown in [FIG 9](#). Measure 3/4" from the bottom edge of the polycarbonate and reinstall the lower OEM factory seal at the bottom as shown in [FIG 10](#).



Step 3:

Hardware:

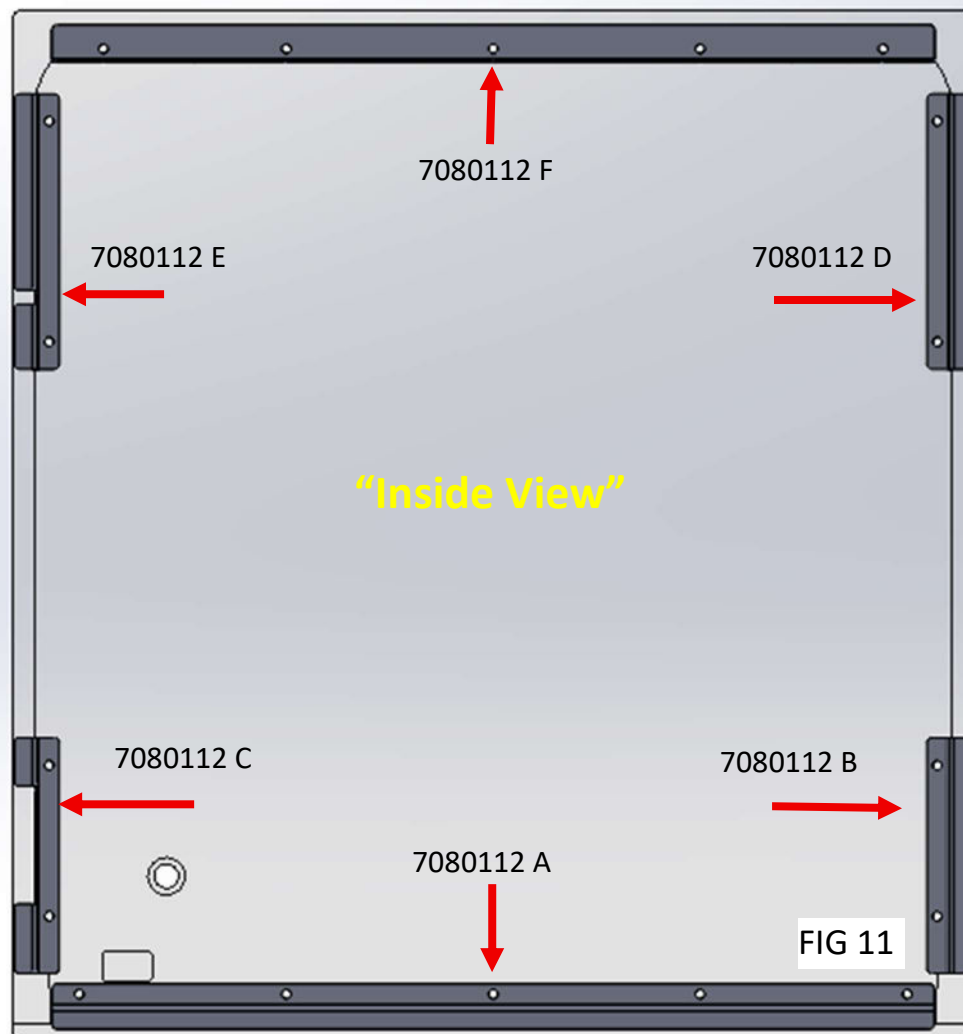
M8 x 25mm Button Head Bolt	(18)
5/16" Black Flat Washer	(18)
M8 Nylon Locknut	(18)

Tools Required:

13mm Socket and Ratchet
5mm Allen Wrench

Instructions:

Place the polycarbonate with the routed edge face down on a clean work surface and place the frame onto the polycarbonate. Start by installing the lower retainer (7080112 A) at the bottom using (5) M8 x 25mm Button, (5) 5/16" Black Flat Washers and (5) M8 Nylon Locknuts. Work your way from the bottom to the top installing the rest of the retainers using the remaining hardware provided as shown in [FIG 11](#).



Step 4:

Hardware:

No hardware required

Tools Required:

10mm Socket and Ratchet

Adjustable Wrench

Instructions:

Install the **rubber grommet** and the **metal grommet sleeve** for the wiper motor as shown in **FIG 12**. Reinstall the wiper motor onto the frame using the (3) screws that were retained from Step 2 using a 10mm socket and ratchet as shown in **FIG 13**. Flip the frame and polycarbonate over and reinstall the nut onto the wiper shaft as shown in **FIG 14**. Place the rubber seal, wiper arm and nut onto the wiper shaft and tighten using a 10mm socket and ratchet as shown in **FIG 15**.

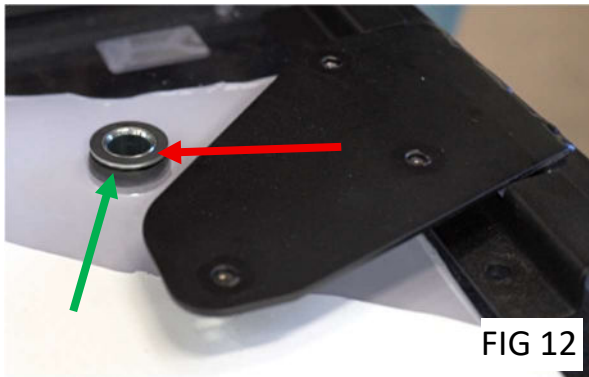


FIG 12

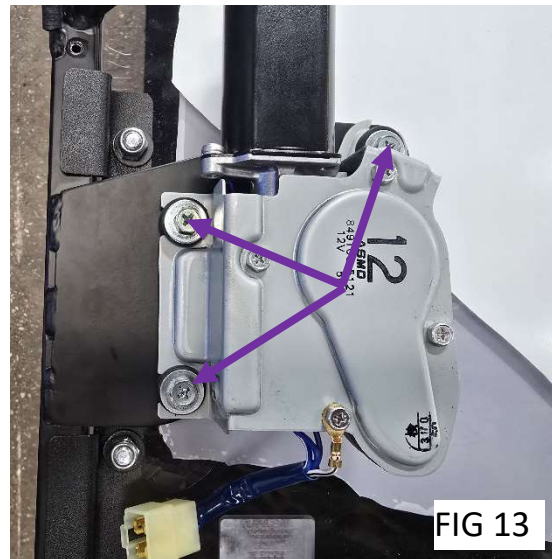


FIG 13

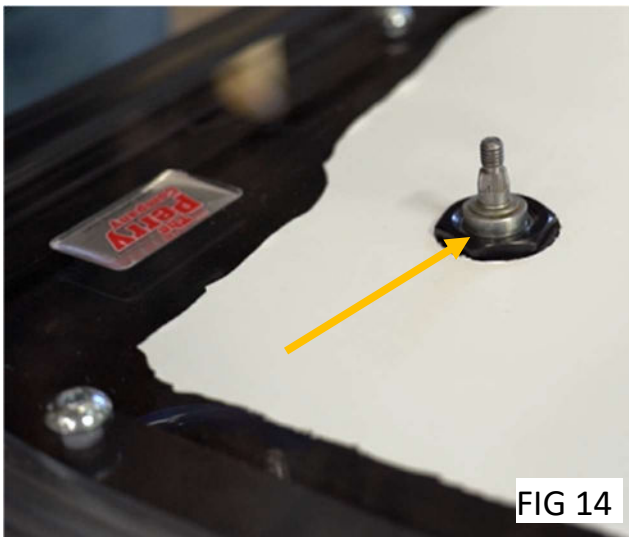


FIG 14

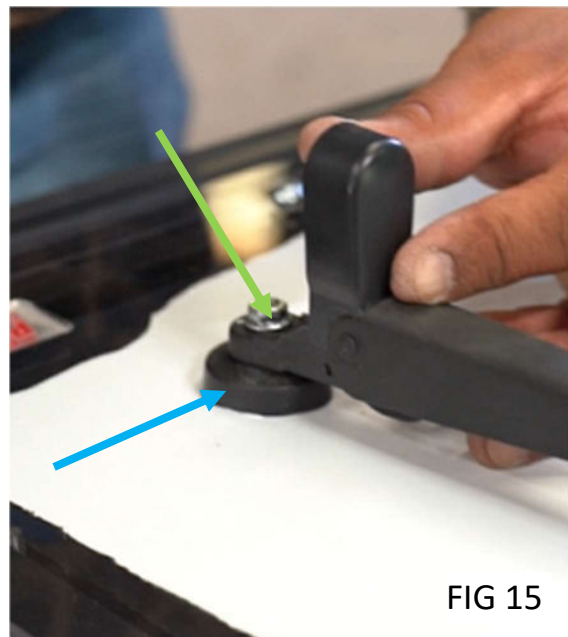


FIG 15

Step 5:

Hardware:

No hardware required

Tools Required:

13mm Socket and Ratchet

Instructions:

Install the windshield frame and poly by tilting at an angle and inserting the guide rail rollers into the guide rail track as shown in [FIG 16](#). Push forward to the “closed” and “locked” position as shown in [FIG 17](#). Pull the arm with gas prop down into the “down” position and install the (2) factory bolts that were retained in Step 1 using a 13mm socket and ratchet as shown in [FIG 18](#). (Repeat for passenger side arm and gas prop).



Step 6:

Hardware:

8" Black Zip Ties (5)

Tools Required:

Phillips Screwdriver
Side Cutters

Instructions:

Reattach the wiper motor cable onto the frame using a Phillips screwdriver as shown in [FIG 19](#). Use (4) 8" Black Zip Ties to reattach the cable to top inner channel of the frame as shown in [FIG 20](#). Plug the wiper motor connector in to the wiper motor and replace the plastic guard using (1) 8" Black Zip Tie as shown in [FIG 21](#) and [FIG 22](#). Install the mirror back onto the frame using a 13 mm wrench as shown in [FIG 23](#). Remove the protective covering from the polycarbonate windshield to complete the installation.



*****Only use a mixture of Dawn
(or similar) dish soap and
water to clean polycarbonate*****