



Kawasaki Mule Pro-FX Cab - A/C Ready p/n's: 1KAPFXCA-AC & 1KAPFXCAS1-AC fits all Mule Pro 3-passenger models

While this cab kit was designed to fit on the vehicle(s) listed above, manufacturing tolerances and vehicle assembly may affect cab fitment. It is the responsibility of the cab installer to check all vehicle pedals and levers for full functionality and, as required, adjust the cab fitment to prevent any interference of the cab components with the travel of pedals or levers.



Shown with optional front LED work lights, 4-way flashers, windshield wiper, and side view mirrors.

Available Options:

- Front Wiper Kit (1KAPFXWK)*
- Front LED Work Lights (P/N: 1KAPFXFWL)*
- Rear LED Work Lights (P/N: 1KAPFXRWL)*
- LED Corner Flasher Light Kit (P/N: 1KAPFXCFL)*
- Strobe Light (P/N: 9LEDS2)*
- Interior Dome Light (P/N 9LEDD14)*
- Heater (P/N: 9PH20S61)
- Side View Mirrors (P/N: 9PM5)
- Rear View Mirror (P/N: 9PM3)
- Fuse Panel Kit (P/N 1KAPFXFP)

* Requires Curtis (P/N 1KAPFXFP) or Kawasaki (P/N KAF080-076) Fuse Panel Kit.

Approximate Installation Time *	Approximate Product Specifications
Experienced Dealer Technician – 3.5 Hours	Ground to Top of Air Conditioner: 74 inches
Average Dealer Technician – 4.5 Hours	Weight: 293 lbs.
Do-It-Yourself – 5.5 Hours	Cab Width: 65 1/2"

(* = Not including accessories)

The contents of this envelope are the property of the owner. Leave with the owner when installation is complete.

Rev. A, 07/25/2019

p/n: IM-1KAPFXCA-AC

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WARNINGS, TIPS, & REQUIRED TOOLS

Curtis cabs feature an assembly of parts designed for your vehicle which require adjustment and alignment of components to accommodate vehicle variations and provide proper weather protection. For accurate installation, proper operation, and years of satisfaction, please read and understand the installation and owner's manual fully prior to installing the cab.

From all of us at Curtis, we thank you for choosing our product.




ADDED WEIGHT NOTICE

Curtis Cabs, blades and general accessories add additional weight to the base vehicle. All Curtis accessory weights are listed in product brochures. Deduct the accessory's total weight from the vehicle's rated capacity and never exceed the vehicle's rated capacity including driver and passenger.

WARNING Exposure to Carbon Monoxide can Cause illness, serious injury or death. Never operate vehicle if suspicious of Carbon Monoxide. Inspect exhaust system for leaks monthly. Leaks can result from loose connections, corrosion, cracks or other damage to the exhaust manifold. If leaks are found, repair or replace exhaust system. Do not use vehicle until repair or replacement is complete.

WARNING

Serious Injury or Death

	This cab enclosure does not provide protection from rollover or other accidents.
	This cab enclosure does not provide protection from flying objects including golf balls.
	This cab enclosure does not provide protection from lightning. When lightning threatens take cover and do not operate vehicle.

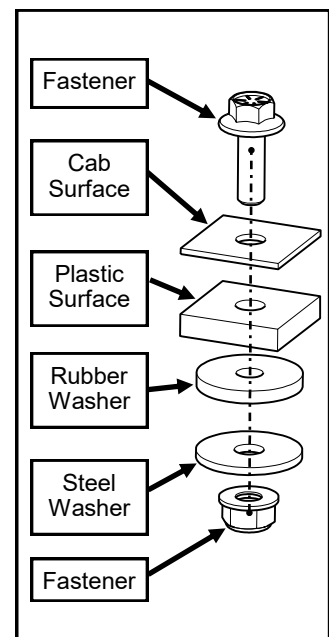
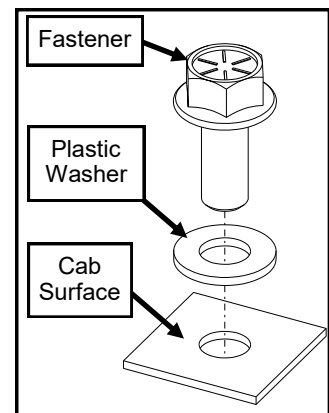
GENERAL INFORMATION BEFORE YOU START

HELPFUL HINTS:

- Read and understand all instructions before beginning.
- Refer to parts diagram found in the service parts section of this manual to help identify parts during the assembly process.
- To assist with the cab installation, leave all fasteners loose for later adjustment unless otherwise specified.
- Apply a silicone sealant to seal any minor gaps that may occur due to vehicle variations.
- Use caution to avoid damaging the factory installed threaded inserts or weld nuts. Begin the thread engagement by hand to avoid or correct potential cross threading.
- Before installing parts with factory installed rubber, make sure the rubber is fully installed onto the parts for proper fit and sealing.
- Plastic washers have been supplied to provide a weather seal under the heads of some exterior bolts. The plastic washer should be installed under each bolt head directly against the outside cab surface. Care should be taken not to over tighten the fasteners and damage the plastic washer.
- Rubber washers have been supplied to provide strain relief whenever a nut or bolt is installed directly to the polycarbonate Upper Rear Panel.

TOOLS REQUIRED:

- | | |
|--|--------------------|
| • Set of Standard and Metric Sockets | • Utility Knife |
| • 3/8" Drive Cordless Ratchet and Long Drive Extension | • Pair of Scissors |
| • Set of Standard and Metric Open-End Wrenches | • Shears |
| • Set of Metric Allen Wrenches | • Grease |
| • Phillips Head Screwdriver (#2 and #3) | • C-Clamps |
| • Torque Wrench | • Silicone Sealant |
| • Drill / Driver | |



CAB INSTALLATION

SET UP:

Unpack and unwrap all parts, layout around work area as space allows and check for damage. Once inspected, clear area of packing material.

Locate all necessary tools from the list on the previous page and layout on work bench or table before beginning.

Open up the main hardware kit (but not the bag inside it) and separate and organize the hardware.

STEP 1: (VEHICLE PREP)

NOTE: Install alternator kit up to the point of connecting A/C wiring prior to installing CAB. If a heater is to be installed, it will be much easier to install before the cab is installed.

1.1 Per figure 1.1, remove left and right half doors.

NOTE: Factory hardware and doors are the property of the vehicle owner and should be retained or discarded per the owner's preference.

1.2 Per figure 1.2, remove factory door latches for left and right doors.

1.3 Per figure 1.3, remove all (4) factory door hinges by removing the retaining ring and pin from each hinge. Remove the plastic bushing from the lower front hinge on both sides of the vehicle.

1.4 Per figure 1.4, remove and discard the two (2) M12 bolts and nuts from each of the front corners of the ROPS (Rollover Protective Structure).

1.5 Per figure 1.5, remove the driver's side cover from the vehicle. Only the driver side panel needs to be removed. Do not discard, this will be re-installed after the rear panels are in place.

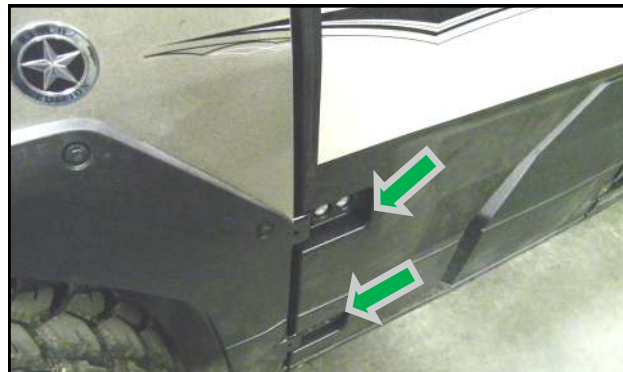


Fig. 1.1 Factory Doors (2)

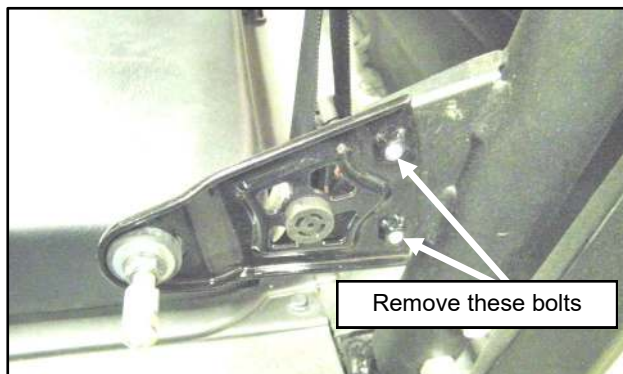


Fig. 1.2 Factory door latches (2)

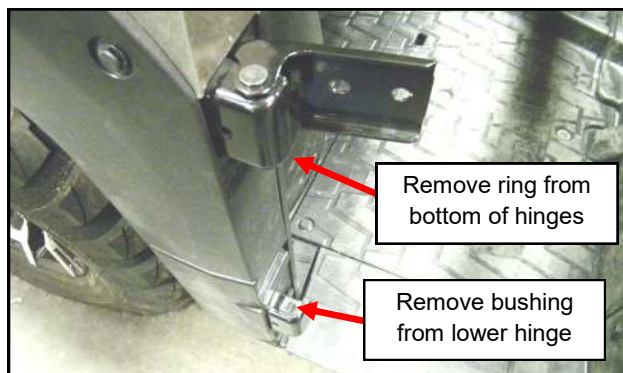


Fig. 1.3 Factory door hinges (4)



Fig. 1.5 Driver's Side Cover (1)

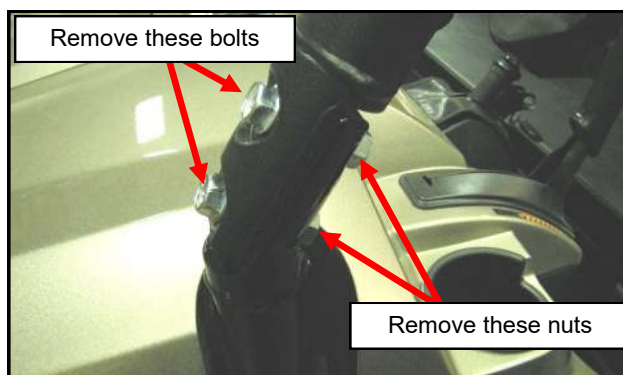


Fig. 1.4 Front ROPS M12 bolts (4)

CAB INSTALLATION

STEP 1: VEHICLE PREP

1.6 Per figure 1.6, remove the Rear Screen. Do not discard, this will be re-installed to the outside of the cab with new fasteners.

1.7 Per figure 1.7, apply foam tape (9YR-DT) to the inside surface of the Rear Screen.

NOTE: Apply pressure sensitive adhesive foam tape to a clean, dry surface at room temperature for best adhesion.



Fig. 1.6 Rear Screen Removal

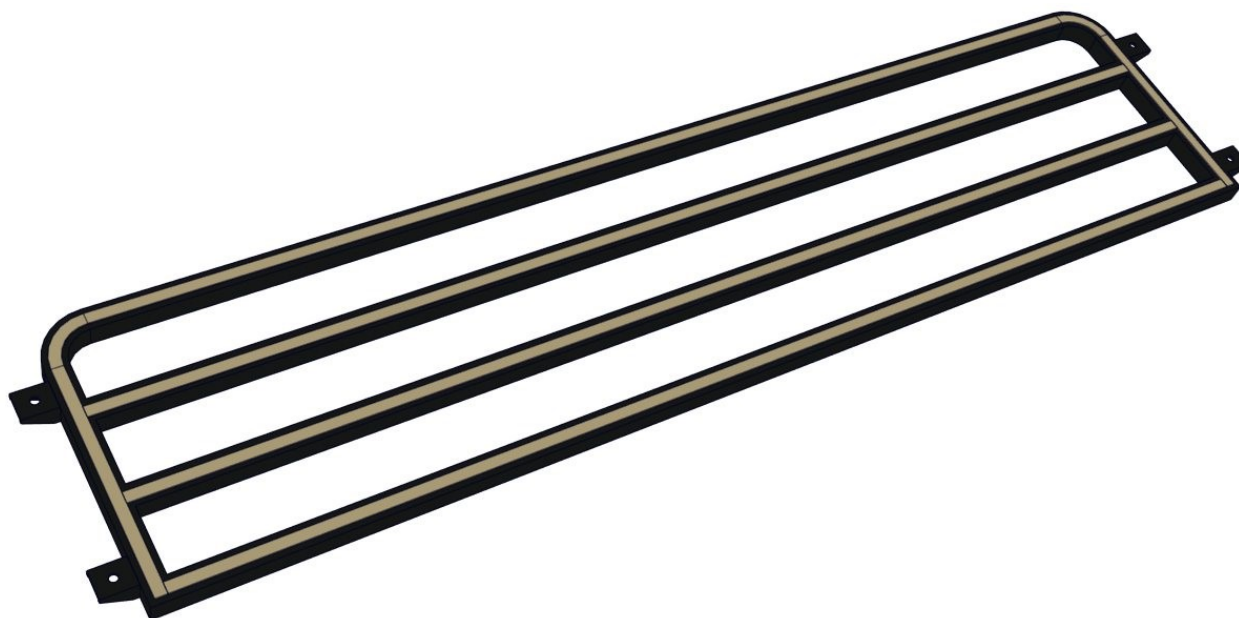


Fig. 1.7 Rear Screen w/ Foam Tape

CAB INSTALLATION

STEP 2: (REAR PANEL)

- 2.1** Per figure 2.1, place the two P-clamps around the lower rear bar of the ROPS structure.

One P-Clamp shall be on either side of the middle seat belt.

The bolt holes of the P-Clamps shall be on the bottom of the assembly and the flat portion of the P-Clamp facing the dump bed.

<u>Hardware Used</u>	<u>Qty</u>
P-Clamps	2

- 2.2** Per figure 2.2, with assistance, install the Upper Rear Panel and the Factory Screen to the back of the ROPS structure.

- The Upper Rear Panel must be outside of the Lower Rear Panel.
- The Screen must be on the outside of the cab.

Secure the Upper Rear Panel to the ROPS with M8 button head cap screw using the same threaded holes that were used in the removal of the Screen in Step 1.6.

Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
M8x1.25x60mm lg. BHCS	4

- 2.3** Per fig. 2.3, secure the Upper Rear Panel to the P-Clamps. Bolt heads, steel washers then rubber washers are all on the outside. The rubber washer rests against the polycarbonate panel. Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20x3/4" Flanged hex bolt	2
1/4-20 Flanged Nut	2
1/4" Steel Washer	2
1/4" Rubber Washer	2



Fig. 2.1 P-Clamp Location

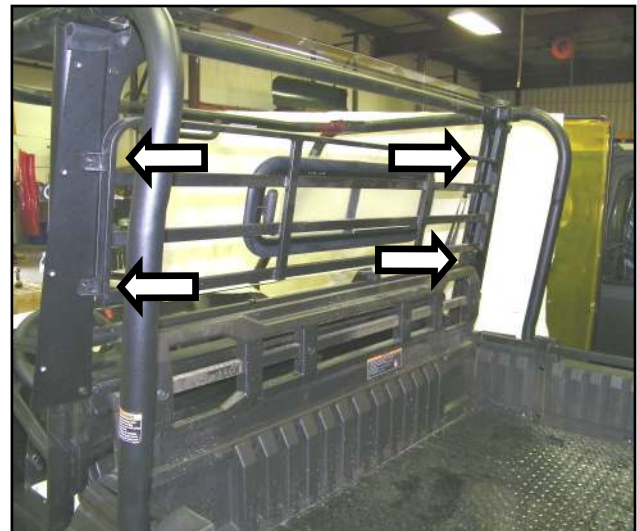


Fig. 2.2 Upper Rear Panel & Rear Screen



Fig. 2.3 P-Clamp

CAB INSTALLATION

STEP 3: (B-PILLARS PASSENGER SIDE)

- 3.1** Per figure 3.1, install Expanding Foam to the passenger B-Pillar as shown. Over the next 24 hours, this foam will expand to fill the gap between the B-Pillar and the vehicle's side panels.

Hardware Used

Expanding Foam

Qty

1 Roll

Tip: tape or zip tie the remainder of the Expanding Foam on the roll to prevent it from expanding.

- 3.2** Per figure 3.2, attach the passenger side B-Pillar bracket to the factory latch mounts on the ROPS with (2) 1/4-20 bolts and nuts, with the nuts toward the outside of the vehicle. Do not fully tighten.

Hardware Used

1/4-20 X 3/4 Flanged hex bolt

1/4-20 Flanged Nut

Qty

2

2

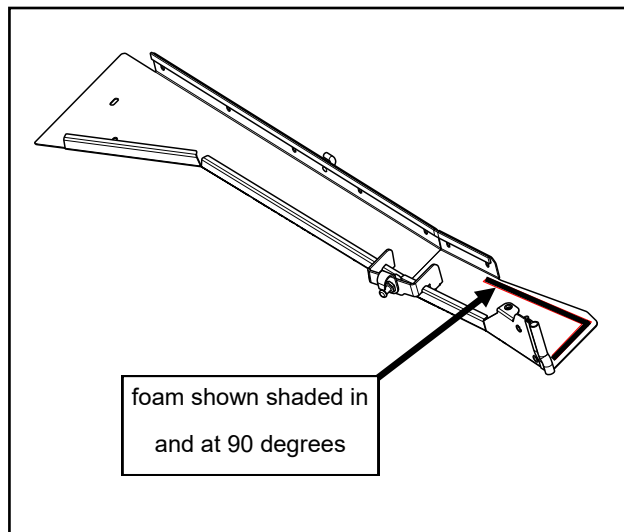


Fig. 3.1 Expanding Foam, Passenger Side

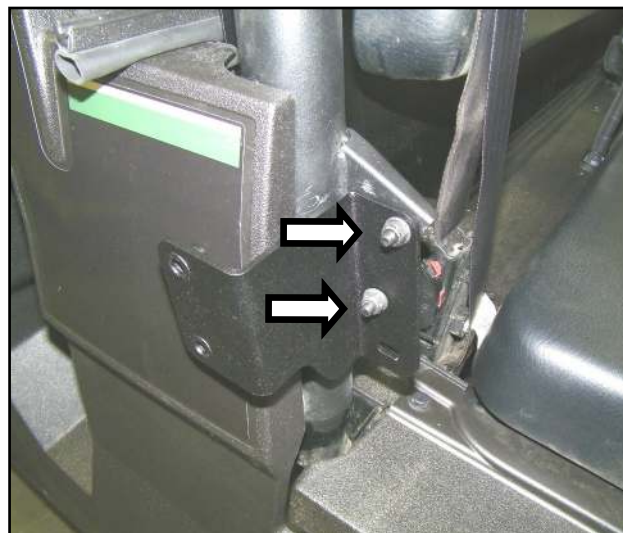


Fig. 3.2 B-Pillar Bracket, Passenger Side Only

CAB INSTALLATION

STEP 3: (B-PILLAR PASSENGER SIDE) cont'd.

- 3.3** Per figure 3.3, place the B-Pillars over the middle down tube of the ROPS structure on the driver's side of the vehicle.

The B-Pillar shall be on the outside of the Upper Rear Panel, reference the lower illustration on page 3. Secure the B-Pillar to the Upper Rear Panel. Rubber washers must rest against the polycarbonate panel. Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 X 3/4" lg. Flanged hex bolt	6
1/4-20 Flanged Nut	2
1/4" Steel Washer	2
1/4" Rubber Washer	2

- 3.4** Per figure 3.4, fasten the passenger side B-Pillar Bracket to the B-Pillar. Use the 1/4" steel washers on the outside of the cab to cover the slotted holes. Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 x 3/4" lg. Flanged hex bolt	3
1/4" Steel Washer (1" O.D.)	2



Fig. 3.3 B-Pillar, Passenger Side



Fig. 3.4 B-Pillar Bracket, Inside View

CAB INSTALLATION

STEP 4: (COWL AND A-PILLARS)

- 4.1** Per figure 4.1, place the cowl onto the hood and front ROPS, with the spacers in the bolt pockets in the ROPS.
- 4.2** Per figure 4.2, attach A-pillar bracket to A-pillar to the lower rear flange of each A-pillar panel using hardware supplied. Leave hardware loose.

Hardware Used

	Qty
1/4-20 X 3/4" Flanged hex bolt	4
1/4-20 Flanged Nut	4

- 4.3** Per figure 4.3, place each A-pillar panel on top of the cowl, front ROPS, and against the side of the front fenders. Tuck the bulb rubber on the bottom of the cowl under the cowl (toward the inside of the cab) to ensure a good seal and install two of the M12 bolts supplied with the cab through the A-pillar, cowl, and ROPS on each side and secure with a nut. Leave bolts loose.

Hardware Used

	Qty
M12 x 65mm Flanged Hex Bolt	4
M12 Flanged Lock Nut	4

- 4.4** Per figure 4.4, place one 1/4-20 bolt through the tab of the A-pillar bracket and through the hole in the top of the lower factory hinge mount and secure with a nut. Leave loose.

Hardware Used

	Qty
1/4-20 X 3/4" Flanged hex bolt	2
1/4-20 Flanged Nut	2



Fig. 4.1 Cowl

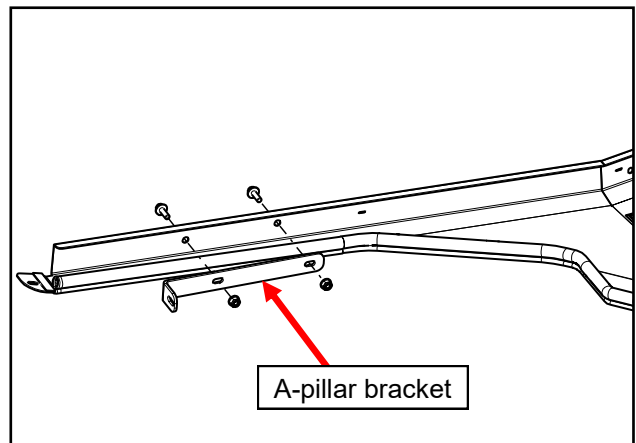


Fig. 4.2 A-pillar brackets

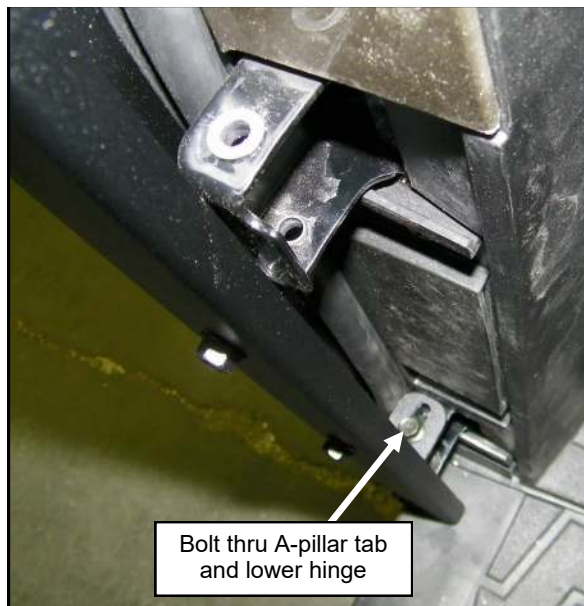


Fig. 4.4 A-pillar bracket to hinge

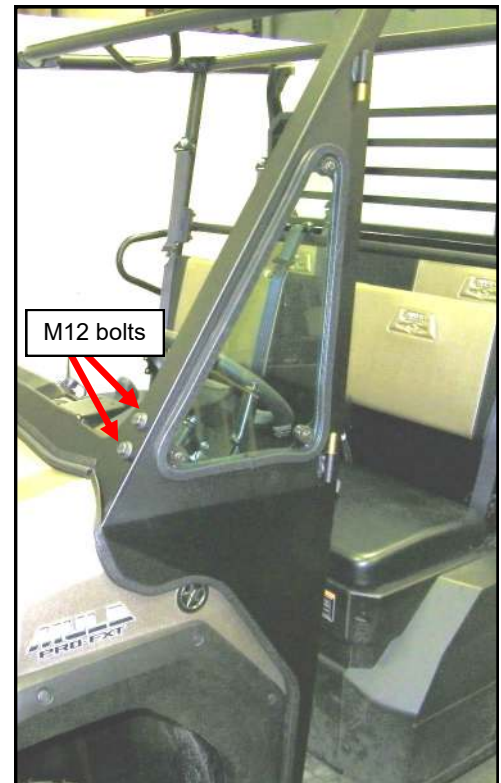


Fig. 4.3 A-pillars

CAB INSTALLATION

STEP 5: (HEADERS)

- 5.1** Per figure 5.1, install each Header Assembly on top of the ROPS tubes. These tubes run front to back on top of the vehicle. Secure the Header Assembly to the threaded insert at the top of the A-Pillar with a 1/4-20 x 3/4" bolt. Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 X 3/4" Flanged hex bolt	2

- 5.2** Per figure 5.2, secure each Header to the B-Pillar. Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 X 3/4" Flanged hex bolt	4
1/4-20 Flanged Nut	4
1/4" Steel Washer (1" O.D.)	4



Fig. 5.1 Header to A-Pillar Fasteners

STEP 6: (WINDSHIELD SUPPORT)

- 6.1** Per figure 6.1, place the windshield support on top of the headers and A-pillars. Attach the windshield support to each A-pillar with a 1/4-20 bolt and nut. Tighten these and the bolts at the front of the headers into the A-pillars on each side.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 X 3/4" Flanged Hex Bolt	2
1/4-20 Flanged Nut	2

- 6.2** Ensure the edges of the cowl and A-pillar line up and no gaps are visible in the rubber under the cowl, then torque the (4) M12 bolts shown in fig. 4.3 on p. 10.

WARNING: In order for the Rollover Protective Structure to provide proper protection in the event of a roll over, the (4) M12 bolts at the sides of the cowl must be tightened to a torque of 100 ft.-lbs. (135 N-M).



Fig. 5.2 Header to B-Pillar Fasteners

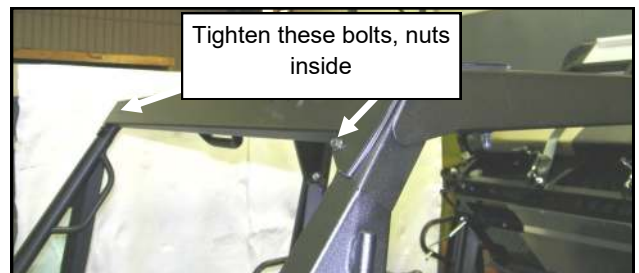


Fig. 6.1 Windshield support

CAB INSTALLATION

STEP 7: (WINDSHIELD)

7.1 Per figures 7.1a and b, place a hinge spacer block onto the windshield hinge and two flat head 5/16" bolts through each hinge. **Note: for glass windshields, use the thinner 5/8" thick hinge spacer blocks found in the windshield box. For polycarbonate windshields, use the thicker 3/4" thick hinge spacer blocks found in the hardware box.** Place the windshield onto the windshield support with the bolts through the slots and secure with 5/16" nuts.

Hardware Used	Qty
5/16-18 x 1-1/2 Flat Head Bolt	4
5/16-18 Flanged Nut	4

7.2 For a polycarbonate windshield, skip to step 7.4.
For a glass windshield, install the shorter gas springs onto the ball studs on the windshield frame. Per fig. 7.2, orient them so that the piston rod is pointing downwards.

7.3 For a glass windshield, install the latches to the windshield frame, oriented as shown in fig. 7.3.

7.4 Per fig. 7.4, attach each latch bracket to the cowl with (2) 1/4-20 x 5/8" bolts and nuts and tighten.

Hardware Used	Qty
1/4-20 x 5/8" Flanged Hex Bolt	4
1/4-20 Flanged Nut	4

7.5 Lift up on the bottom of the windshield and close the windshield latches. Check the windshield fit. If any gaps are visible under the windshield rubber, adjust the windshield hinges up or down as needed to remove the gaps. Tighten the (4) windshield hinge bolts (5/16-18 flat head screws) to 7 ft.-lbs. max. **CAUTION:** The torque applied to the windshield hinge bolts is reduced to prevent cracking the countersunk holes in the plastic hinges.

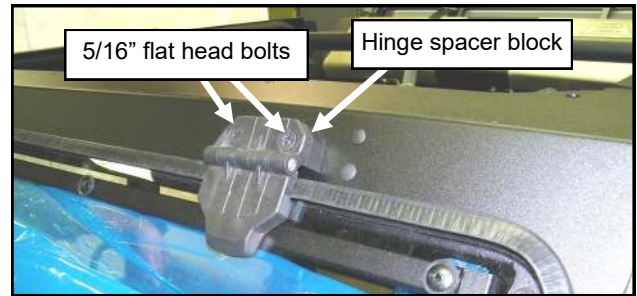


Fig. 7.1a Windshield, outside

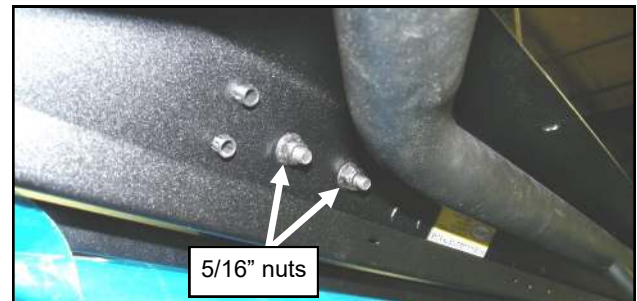


Fig. 7.1b Windshield, inside



Fig. 7.2 Windshield gas springs

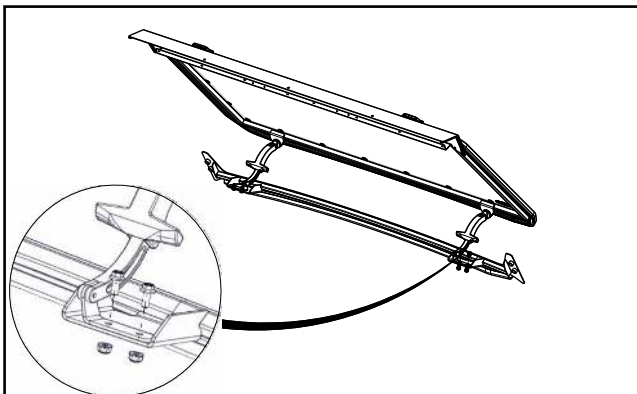


Fig. 7.4 Windshield latch fasteners

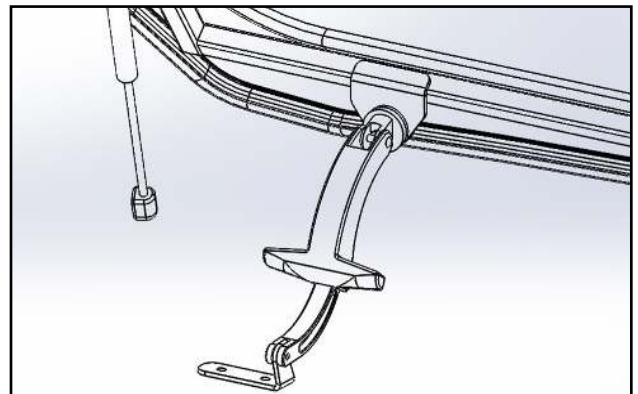


Fig. 7.3 Windshield latch orientation

CAB INSTALLATION

STEP 8: (INSTALL A/C UNIT)

CAUTION: Never turn the air conditioner upside down or on its side. Doing so will drain the compressor of its oil and will void the warranty.

Note: Ensure the main power harness and relay harnesses have been installed in the A/C unit as per the Alternator Kit install manual.

- 8.1** With assistance, place the air conditioner unit onto the roof, center it inside of the roof's rectangular opening. See Figure 8.1.

Note: Orient the unit as shown when installing so the vents are closer to the front edge.

Loosely install all fasteners to the roof and air conditioner along the perimeter of the air conditioner so that the smaller diameter plastic washers are under the heads of the screws and the larger diameter steel washers are between the lock nuts and headliner. Once all screws are installed, they can be tightened and nut covers installed.

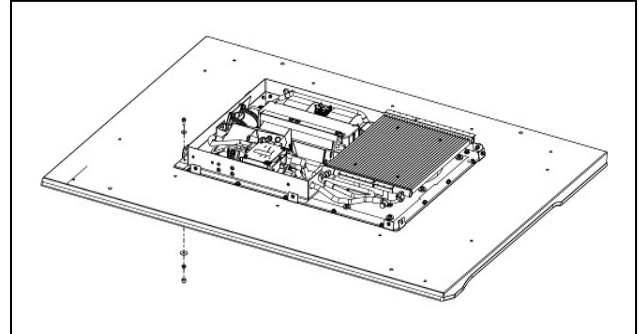


Fig. 8.1 Install A/C Unit

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 x 3/4" flange bolt	18
1/4" x 3/4" OD plastic washer	18
1/4" x 1" OD steel washer	18
1/4-20 flanged lock nut	18
1/4" nut caps	18

CAB INSTALLATION

STEP 9: (ROOF)

9.1 With assistance, place the Roof on top of the vehicle.

9.2 Secure the Roof to the ROPS and cab components with 1/4-20 x 3/4" screws, nylon washers, 1/4-20 nuts. The Nylon washers shall be on top of the roof. See location A in figure 9.2. Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 x 3/4" Flanged hex bolt	5
5/16" Nylon Washer	5
1/4-20 Flanged Nut	5

9.3 Secure the Roof to the Upper Rear Panel with 1/4-20 x 3/4" screws, nylon washers, steel washers, rubber washers, and 1/4-20 nuts. The Nylon washers shall be on top of the roof, the rubber washer shall be in contact with the polycarbonate of the Upper Rear Panel, and the steel washer outside of the rubber washer. See location B in figure 9.2. Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 x 3/4" Flanged hex bolt	5
5/16" Nylon Washer	5
1/4" Steel Washer	5
1/4" Rubber Washer	5
1/4-20 Flanged Nut	5

9.4 Secure the Roof to the Headers with 1/4-20 x 2-1/2" screws, nylon washers, and 1/4-20 nuts. The nylon washers shall be on top of the roof. See location C in figure 9.2. Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 x 2-1/2" Flanged hex bolt	2
5/16" Nylon Washer	2
1/4-20 Flanged Nut	2

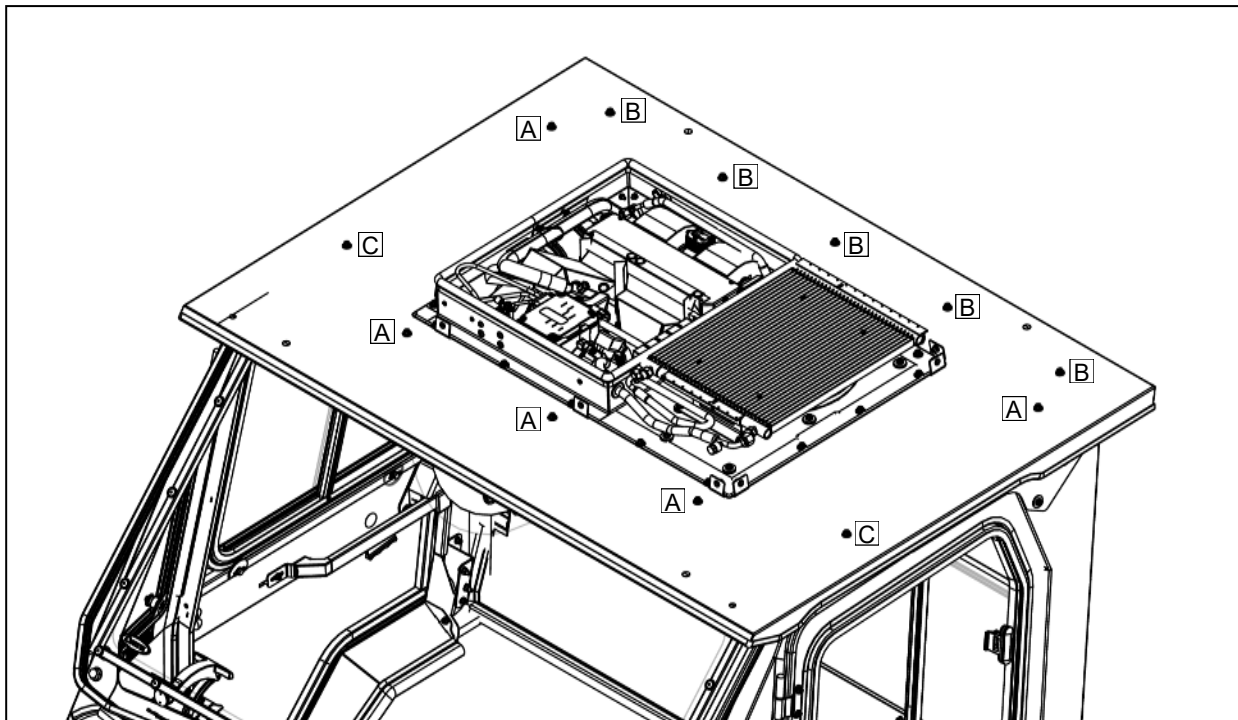


Fig. 9.2 Roof Fasteners

CAB INSTALLATION

STEP 10: (ROUTE POWER HARNESS)

- 10.1 Route the wire harness along the rear ROPS cross tube and turn to route down the rear passenger side ROPS tube as shown in Figures 10.1a and 10.1b. Ensure that the harness is outside and behind the upper seat belt mount.
- 10.2 Continue to route the wire harness down the rear ROPS tube and pass behind it to get behind the seat as shown in figure 10.2.
- 10.3 Route the harness out the hole underneath where the ROPS mounts to the vehicle.
- 10.4 Secure the harness with the supplied cable ties. Leave ties loose at this time to allow drain hose to be routed along side the harness.



Fig. 10.1a Route Harness

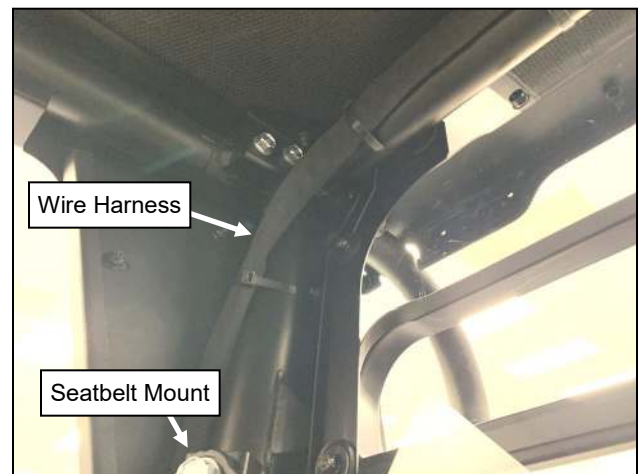


Fig. 10.1b Route Harness

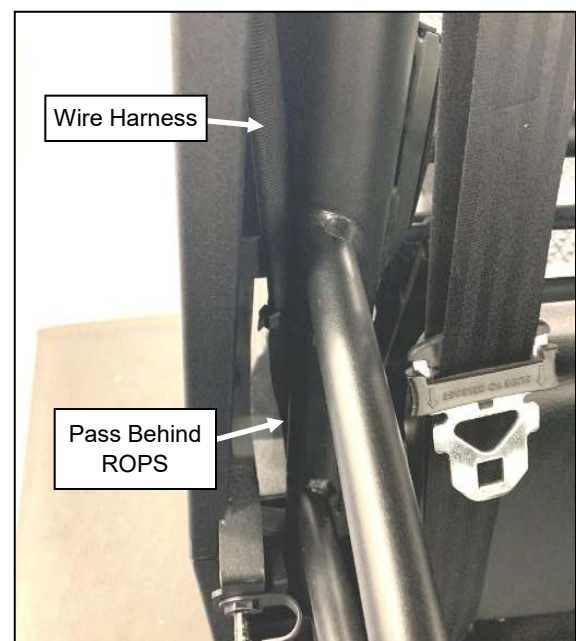


Fig. 10.2 Route Harness

CAB INSTALLATION

STEP 11: (DRAIN HOSE INSTALL)

11.1 Locate the black drain tube included in the alternator kit. Attach drain tube to the side of the air conditioner on the passenger's side of the vehicle. If required, rotate the nipples towards the rear of the vehicle at a slight downward angle. See fig 11.1.

Repeat this step for the opposite side of the vehicle.

Tip: Apply a little water to the nipple to lubricate and ease the installation of the drain tube.

Hardware Used

PVC Tube, 3/8" Inside Dia.

Qty

2

11.2 Route the Air Conditioner's drain tube rearward and down along the rear ROPS tube along side the main power harness. Run the hose out of the cab and down under the vehicle. Mirror the routing for the opposite side. Secure with cable ties at this time.

Important: Be sure that the drain hose is free from kinks and that the path is always **lower** than where it exits the air conditioner in order to prevent backups and internal leaks.

Hardware Used

11" Cable ties

Qty

10

Tools

Scissors or Snips

11.3 Install the slitted-rubber Tube Caps supplied in the alternator kit on the lower end of the two drain tubes by sliding on. See fig 11.3.



Fig. 11.1 Connect Drain Tube

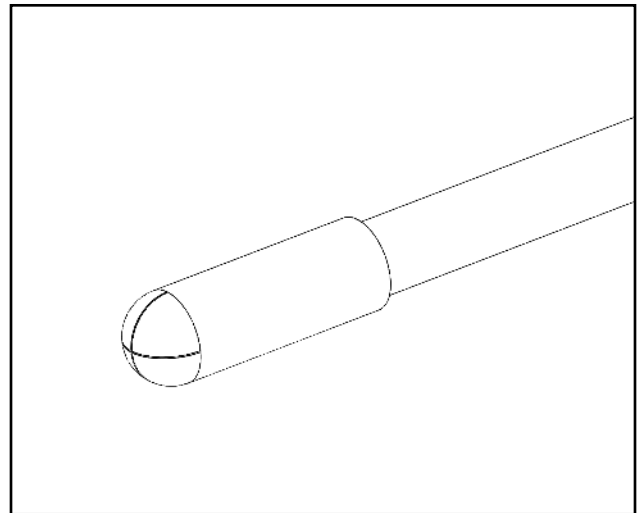


Fig. 11.3 Tube Cap

CAB INSTALLATION

STEP 12: (FUEL FILLER COVER)

12.1 Per figures 12.1a and 12.1b, place the fuel filler cover panel onto the right side B-pillar and insert (2) 1/4-20 bolts into the threaded inserts. Align the outer flange of the fuel filler cover to the side of the B-pillar and tighten the bolts.

Hardware Used

1/4-20 X 3/4" Flanged Hex Bolt

Qty

2

12.2 Per figure 12.1b, on the passenger's side, place the front flange of the fuel filler cover against the lower flange of the A-pillar and install a self-drilling screw through the slots at the front of the fuel filler cover and lower flange of the A-pillar. Install a second self-drilling screw through the hole at the rear of the lower flange of the fuel filler cover. On the driver's side, install a self-drilling screw through the lower flange of the A-pillar.

Hardware Used

#10 X 1-1/4 Self-Drilling Screws

Qty

3

12.3 Per figure 12.3, tighten the (2) 1/4-20 bolts holding the lower tab to the A-pillar. Tighten the lower bolt to the vehicle door hinge mount.

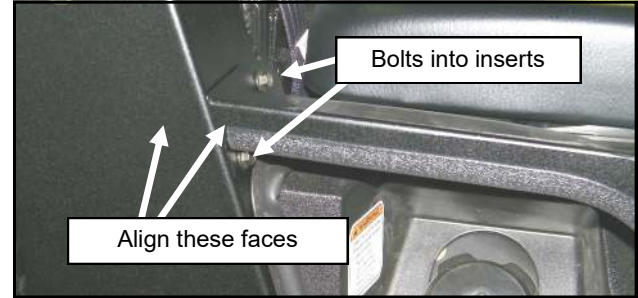


Fig. 12.1a Fuel filler cover

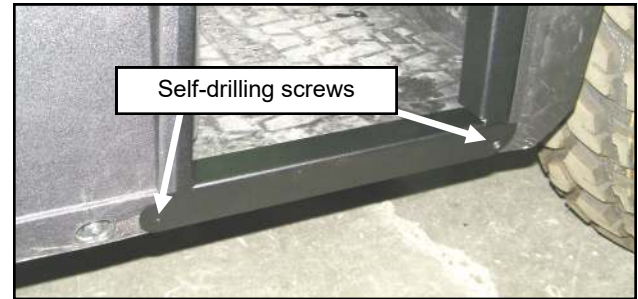


Fig. 12.1b Fuel filler cover



Fig. 12.3 A-Pillar lower bracket

STEP 13: (FINISHING TOUCHES)

13.1 Electrically connect the air conditioner and test its operation by following the installation instructions provided with the A/C Alternator Kit.

13.2 Install 6 inch piece of Trim-Lok provided in the A/C Alternator kit to the lower rear panel as shown in figure 13.2.

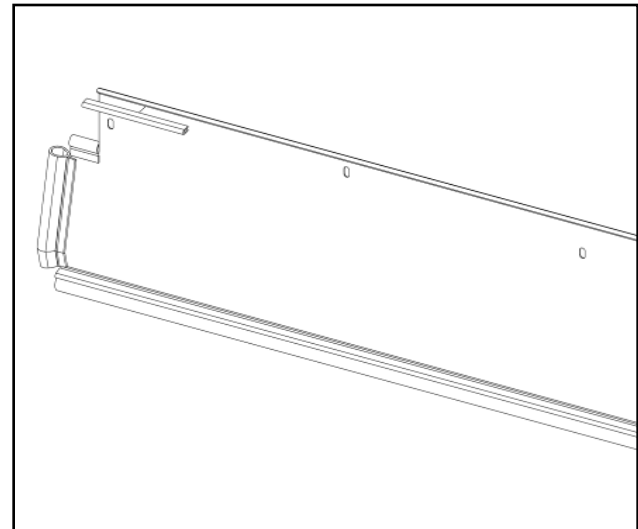


Fig. 13.2 Lower Rear Panel with Trim-Lok

CAB INSTALLATION

STEP 13: (FINISHING TOUCHES) cont'd.

13.3 Per figure 13.3, place the Lower Rear Panel behind the seat and in front of the bed oriented so that the bent flanges (lips) are facing forward.

13.4 Per fig. 13.4, secure the Upper Rear Panel to the Lower Rear Panel (note: arrows indicate location of fasteners). Rubber washers must rest against the polycarbonate panel, reference the lower illustration on page 3. Do not fully tighten.

Hardware Used

Hardware Used	Qty
1/4-20x3/4" Flanged hex bolt	5
1/4-20 Flanged Nut	5
1/4" Steel Washer	5
1/4" Rubber Washer	5



Fig. 13.3 Lower Rear Panel Installed

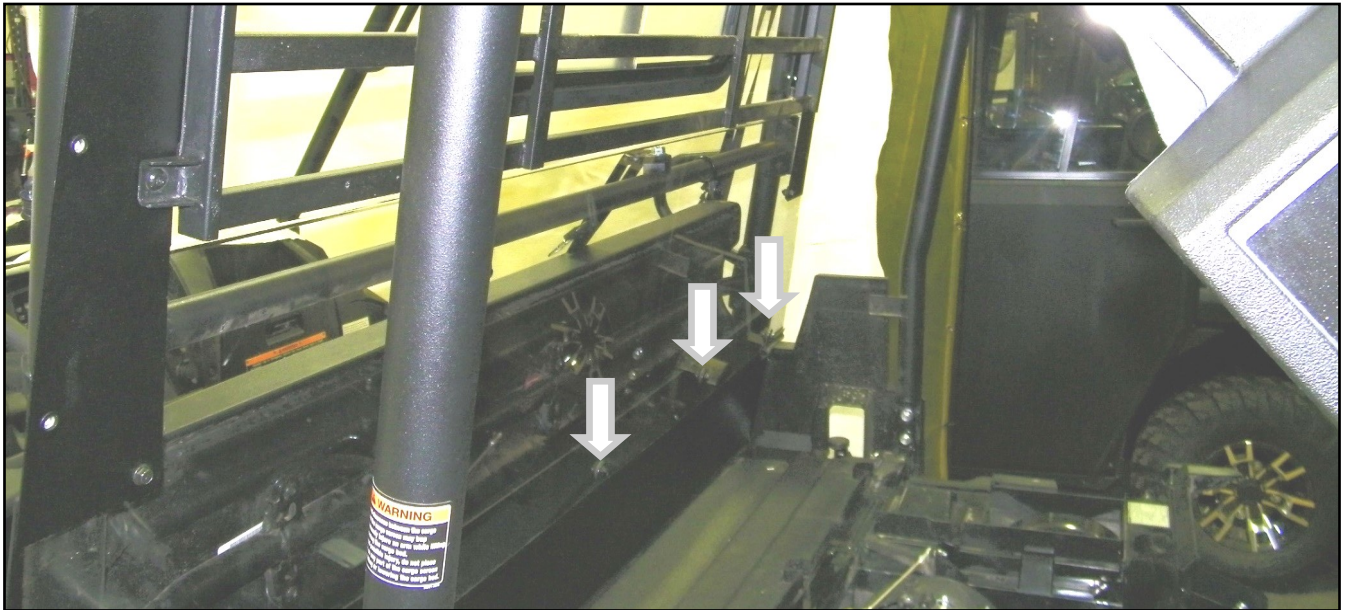


Fig. 13.4 Rear Panel Assembly

13.5 Per figure 13.5, re-install the driver's side cover from the vehicle.



Fig. 13.5 Driver's Side Cover (1)

CAB INSTALLATION

STEP 13: (FINISHING TOUCHES) cont'd.

13.6 Per fig. 13.6, install Expanding Foam to the driver side B-Pillar as shown. Over the next 24 hours, this foam will expand to fill the gap between the B-Pillar and the vehicle's side panels.

Hardware Used
Expanding Foam

Qty
1 Roll

Tip: tape or zip tie the remainder of the Expanding Foam on the roll to prevent it from expanding.

13.7 Per figure 13.7, attach the driver side B-Pillar bracket to the factory latch mounts on the ROPS with (2) 1/4-20 bolts and nuts, with the nuts toward the outside of the vehicle. Do not fully tighten.

Hardware Used

1/4-20 X 3/4 Flanged hex bolt
1/4-20 Flanged Nut

Qty

2
2

13.8 Per fig. 13.8, place the B-Pillars over the middle down tube of the ROPS structure on the driver's side of the vehicle.

The B-Pillar shall be on the outside of the Upper Rear Panel, reference the lower illustration on page 3. Secure the B-Pillar to the Upper Rear Panel. Rubber washers must rest against the polycarbonate panel. Do not fully tighten.

Hardware Used

1/4-20 X 3/4" lg. Flanged hex bolt
1/4-20 Flanged Nut
1/4" Steel Washer
1/4" Rubber Washer

Qty

6
2
2
2

13.9 Per figure 13.9, fasten the driver side B-Pillar Bracket to the B-Pillar. Use the 1/4" steel washers on the outside of the cab to cover the slotted holes. Do not fully tighten.

Hardware Used

1/4-20 x 3/4" lg. Flanged hex bolt
1/4" Steel Washer (1" O.D.)

Qty

6
4

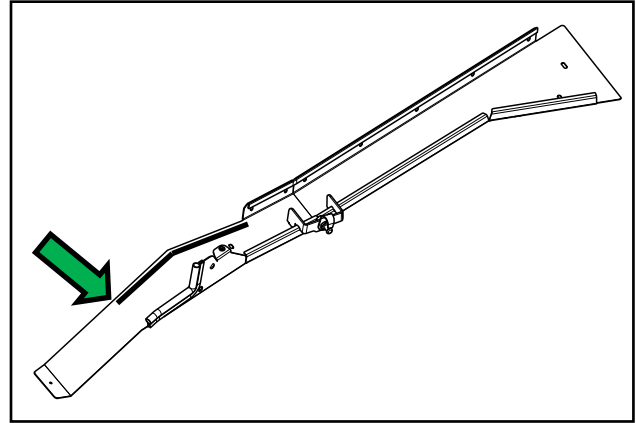


Fig. 13.6 Expanding Foam, Driver Side

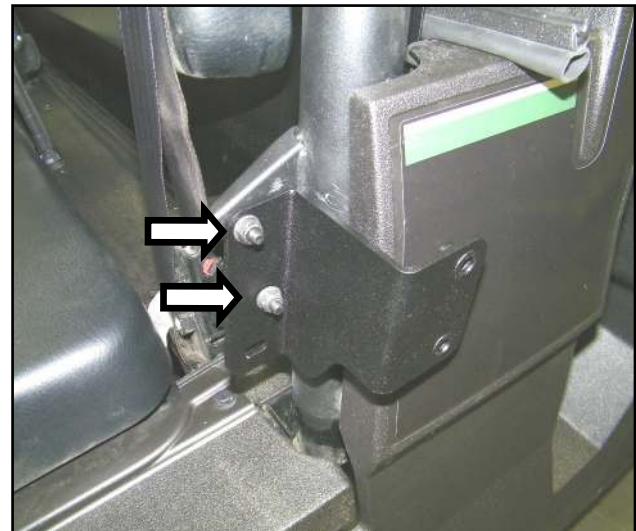


Fig. 13.7 B-Pillar Brackets



Fig. 13.8 B-Pillar, Driver Side



Fig. 13.9 B-Pillar Bracket, Inside View

CAB INSTALLATION

STEP 13: (FINISHING TOUCHES) Cont'd.

13.10 Per figure 13.10, secure each Header to the B-Pillar. Do not fully tighten.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 X 3/4" Flanged hex bolt	2
1/4-20 Flanged Nut	2
1/4" Steel Washer (1" O.D.)	2

13.11 Tighten the following fasteners in the following order:

- Roof to Upper Rear Panel. Torque to 5 ft-lbs. (6.8 N-m). (Step 9.3)
- **IMPORTANT: If the bottom driver's side B-Pillar is rotated too far forward, the position for the self-drilling screw in figure 13.21 will be above the vehicle frame.** Have an assistant reach under the vehicle and locate the tube the screw will be going into and rotate the driver's side B-pillar back far enough to make sure the screw will not be above the vehicle tube frame. Tighten B-Pillar to Header on both sides (Step 5.2). Then B-Pillar to B-Pillar Brackets on both sides (Step 3.4).
- On all remaining Roof fasteners, torque to 5 ft-lbs. (6.8 N-m). (Steps 9.2 & 9.3)
- B-Pillar to Rear Panels (Steps 3.3 & 13.8)

Caution: The torque applied to the roof bolts is reduced to prevent damage to the plastic washers.

13.12 Per figure 13.12, install self-drilling screws at the bottom of the driver's side B-Pillar.

Caution: These will drill through the vehicle's plastic panel and into the vehicle's frame.

<u>Hardware Used</u>	<u>Qty</u>
#10 X 1" Ig. Self-Drilling Screw	1

13.13 Per Figure 13.13, re-install cover to air conditioner. Use anti-seize on all screws and bolts when fastening the cover. Poke a hole through the insulation and install the M6 screw first, then re-install the 1/4-20 bolts. Tighten 1/4-20 bolts to 5 ft-lbs and tighten M6 screw until the rubber washer begins to bulge.

<u>Hardware Used</u>	<u>Qty</u>
1/4-20 x 3/4" flange bolt	10
M6X1 X 16mm truss head screw	1
M6 Rubber Washer	1

Tools

3/8" wrench or socket
#3 Phillips head screwdriver
Apply anti-seize to bolt threads

13.14 If no accessories are installed, use supplied dome plugs to plug any holes in cab components.

13.15 Secure any loose fasteners or wires.



Fig. 13.10 Header to B-Pillar Fasteners



Fig. 13.12 B-Pillar Fastening.

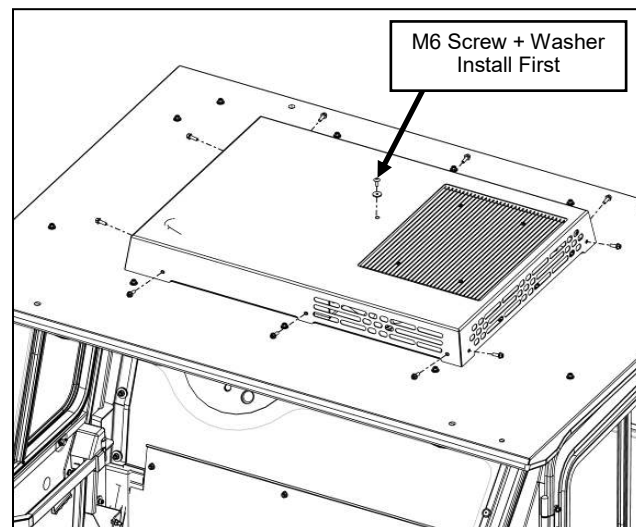


Fig. 13.13 A/C Cover Fasteners

CAB INSTALLATION

STEP 14: (DOORS)

14.1 The doors are packaged with the removable sliding windows installed. Per figure 14.1, remove the sliding windows to ease assembly. To do so, loosen the thumb screw at the bottom of the sliding window.

14.2 Apply general purpose grease onto the door hinge pins on the A-pillars.

14.3 The Lower Hinge sleeves will be found on the door and the left and right upper hinge sleeves will be found in the hardware box. The door's striker bolt (assembled to the B -Pillars) should be centered in its slot, ensure that this is so before proceeding.

14.4 Per figure 14.4, install a brass washer to the lower hinge of the driver's side A-Pillar. Place the driver side door onto the lower hinge of the driver side A-Pillar. Latch the door, then install a brass washer and the left upper hinge sleeve to the A-Pillar. Then bolt the left hinge sleeve to the door. Wipe away any excess grease from the hinges.

<u>Hardware Used</u>	<u>Qty</u>
Brass Washer	2
1/4-20 x 1.5" Flanged hex bolt	2
1/4-20 Flanged Nut	2

14.5 A properly adjusted door will yield two audible "clicks" when the door is shut.

<u>Adjustment:</u>	<u>Result:</u>
• Hinges/Striker pin up/down	Door alignment to cab
• Striker pin in	Tighter door seal
• Striker pin out	Easier latch double click
• Latch forward/back (fig. 14.5)	Latch pawl centered on striker pin

14.6 Repeat steps 14.4 and 14.5 for the other door.

14.7 Insert plastic plugs in inside hole of the door's Mirror installation holes. Skip this step if a Mirror Kit is to be installed to the vehicle.

<u>Hardware Used</u>	<u>Qty</u>
3/4" Plastic Plug	4

14.8 Install the gas springs onto the doors with the piston end on the door to keep it lower than the cylinder (this downward pitch is best for continuous lubrication and longest gas spring life).

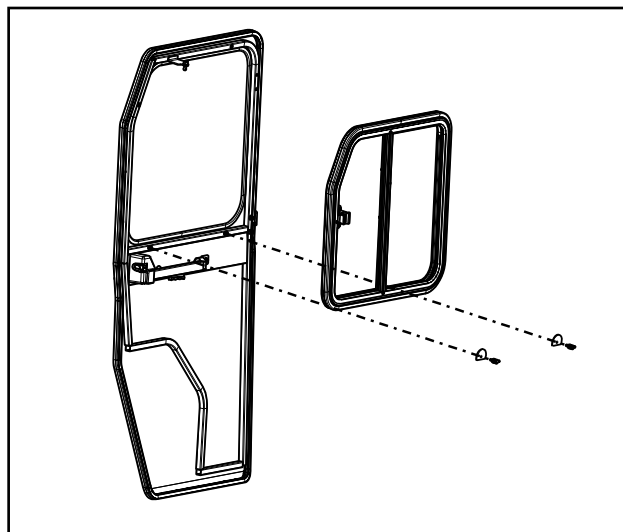


Fig. 14.1 Removable sliding windows

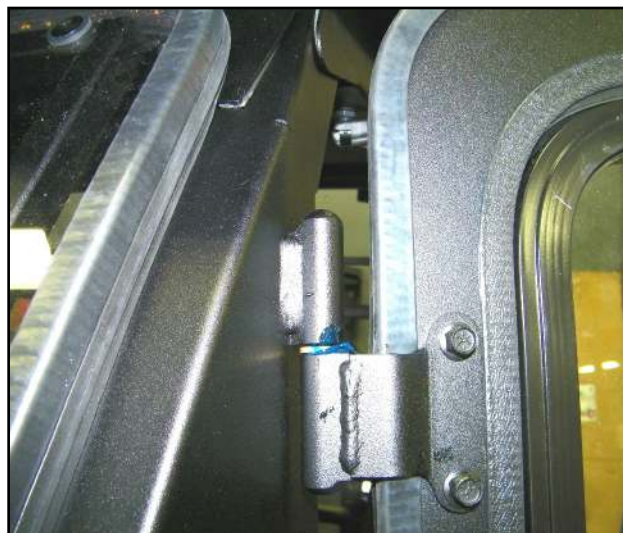


Fig. 14.4 Assembled Hinge

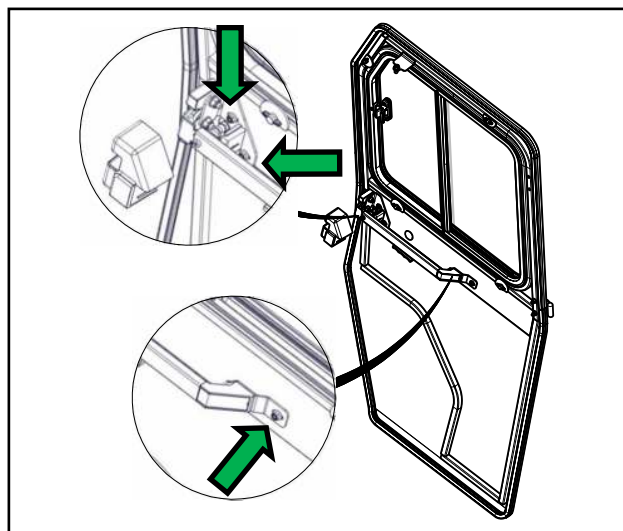
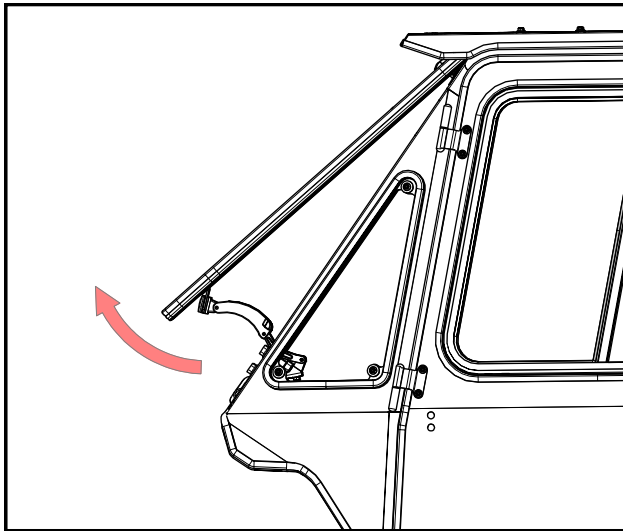


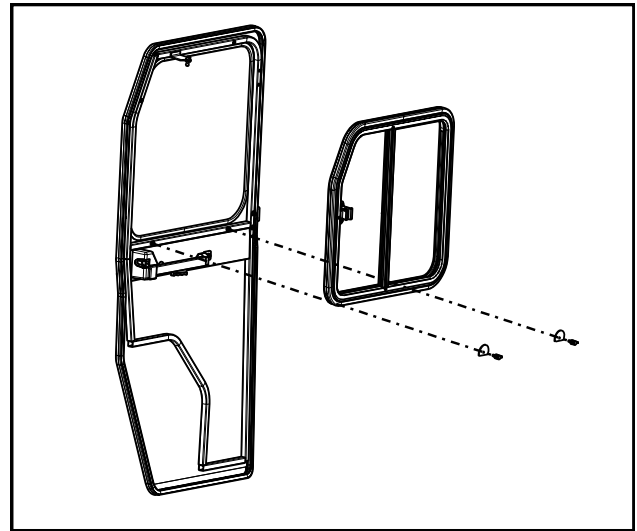
Fig. 14.5 Inside Latch Fasteners

CARE AND MAINTENANCE

- Re-apply lubrication (preferably grease) periodically as needed to the door striker bolts, door latch assemblies, and the door hinges.
- Periodically inspect and tighten all of the hardware after every 40 hours of operation for the remainder of the unit's life.
- Wash the painted surfaces of the cab with commercial automotive cleaning products.
- Windows on the cab are polycarbonate. **DO NOT** clean polycarbonate windows with harsh chemicals. It will damage the plastic. Mild soap and water should be used on all polycarbonate windows.



Pop-Out Windshield



Removable Sliding Window

CAB FEATURES & OPERATION

POP-OUT WINDSHIELD

Your Pro-FX cab comes equipped with a pop-out windshield for ventilation. To open the windshield, simply lift up on both of the pop-out latches and rotate until the latches rest in the over-center position.

REMOVABLE SLIDING WINDOWS

For added ventilation, each door window of the Pro-FX series cab can be removed in seconds and without tools.

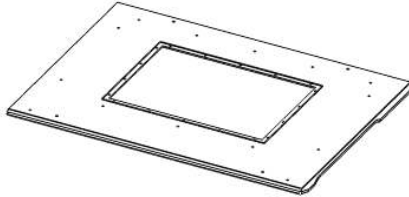
To remove a window, loosen the thumb screws that are located around the perimeter of the window and turn the half moon shaped washers so that the window is no longer restrained. After removal of the window, re-tighten the thumbs screws to prevent them from falling out.

Store the window(s) in a safe location to prevent damage.

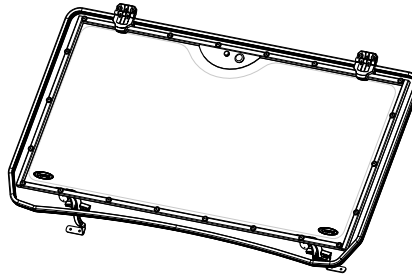
KAWASAKI PRO-FX CAB SERVICE PARTS

P/N 1KAPFXCA-AC + 1KAPFXCAS1-AC

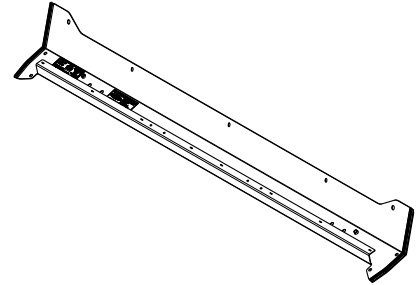
A/C ROOF KIT
P/N: 1ACKAPFXDXRFK



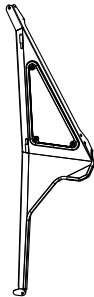
WINDSHIELD ASSEMBLY
POLY. W/S: P/N: 8SV-102-00011
GLASS W/S: P/N: 8SV-102-00020



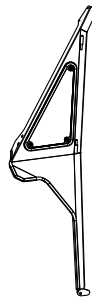
WINDSHIELD SUPPORT ASSEMBLY
P/N: 8SV-103-00006



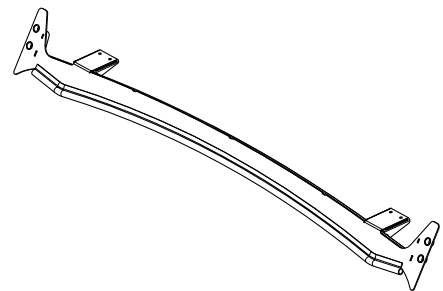
A-PILLAR, LEFT
P/N: 8SV-104-00005-L



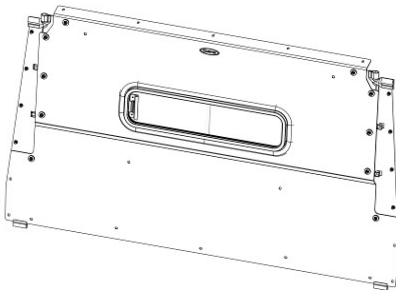
A-PILLAR, RIGHT
P/N: 8SV-104-00005-R



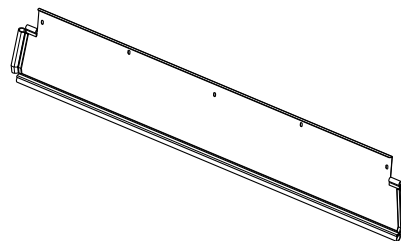
COWL ASSEMBLY
POLY. W/S: P/N: 8SV-105-00008
GLASS W/S: P/N: 8SV-105-00012



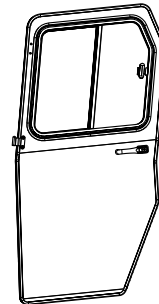
REAR PANEL ASSEMBLY, UPPER
P/N: 8SV-106-00011



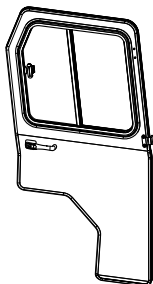
REAR PANEL ASSEMBLY, LOWER
P/N: 8SV-111-00007



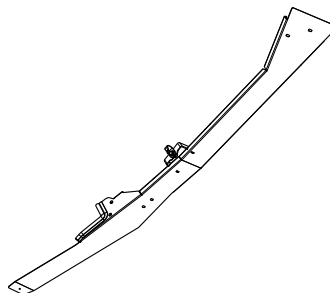
DOOR, LEFT
P/N: 8SV-107-00009-L



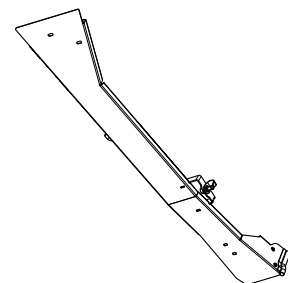
DOOR, RIGHT
P/N: 8SV-107-00010-R



REAR LEG ASSEMBLY, LEFT
P/N: 8SV-108-00005-L



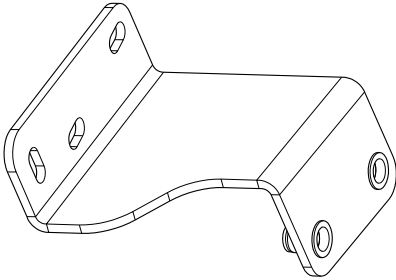
REAR LEG ASSEMBLY, RIGHT
P/N: 8SV-108-00005-R



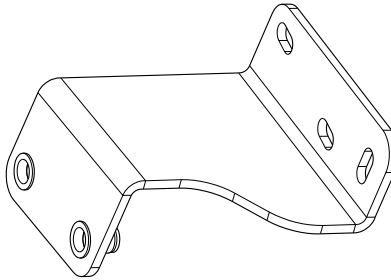
KAWASAKI PRO-FX CAB SERVICE PARTS

P/N 1KAPFXCA-AC + 1KAPFXCAS1-AC

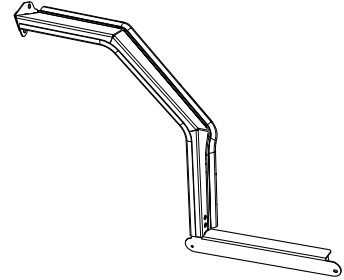
BRACKET, B-PILLAR ROPS, LEFT
P/N: 8SV-110-00024-L



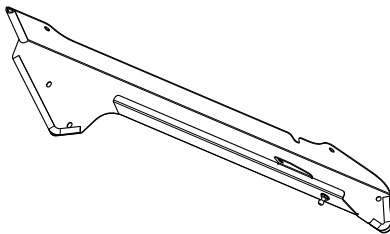
BRACKET, B-PILLAR ROPS, RIGHT
P/N: 8SV-110-00024-R



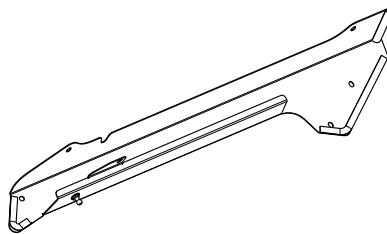
FUEL COVER PANEL
P/N: 8SV-111-00002



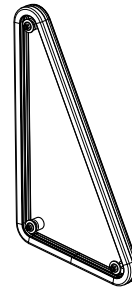
HEADER, LEFT
P/N: 8SV-113-00024-L



HEADER, RIGHT
P/N: 8SV-113-00024-R



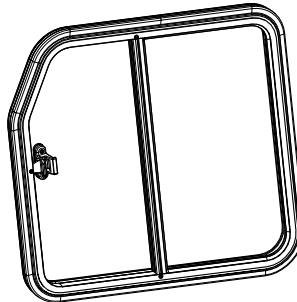
A-PILLAR WINDOW ASS'Y, LEFT
P/N: 8SV-9GL-00017-L



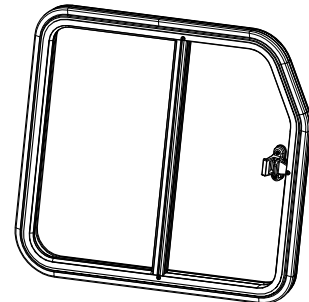
A-PILLAR WINDOW ASS'Y, RIGHT
P/N: 8SV-9GL-00017-R



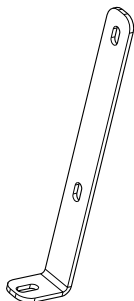
SLIDING WINDOW, LEFT
P/N: 8SV-9SW-00007-L



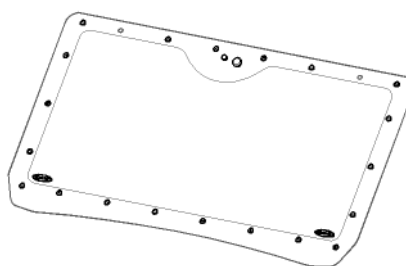
SLIDING WINDOW, RIGHT
P/N: 8SV-9SW-00007-R



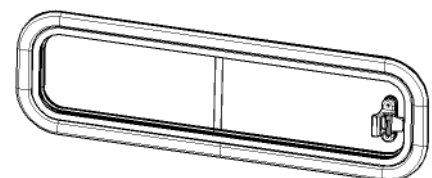
A-PILLAR BRACKET
P/N: 8SV-SM-00223



WINDSHIELD (POLYCARBONATE WINDOW ONLY)
W/ HARDWARE: P/N: 8SV-P-00019

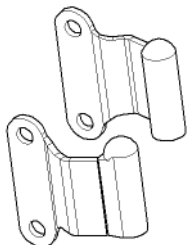


SLIDING WINDOW, REAR
P/N: 8SV-SWPFXR



ADDITIONAL SERVICE PARTS

DOOR HINGE KIT
P/N: 8SV-PL-00001



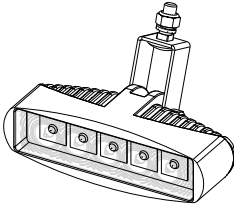
PART NUMBER	DESCRIPTION
9SV-HWK-00028	HARDWARE KIT
8SV-VKDRT-B4	DOOR WINDOW TAB, (SET OF 4)
8SV-WL3	WINDSHIELD LATCH KIT (1 SET, L&R)
9SV-DL03	DOOR LATCH KIT NON-LOCKING WITH GRAB HANDLE (L & R)
9SV-DSTRH	DOOR STRIKER KIT-INCLUDES CASE HARDENED STRIKER BOLT
9SV-GS02A	BALL STUDS, 10MM (BAG OF 10)
9SV-GS02Q	GAS SPRING - 12" W/QUICK RELEASE END (SET OF 2) (FOR GLASS WINDSHIELD ONLY)
9SV-GS12Q	GAS SPRING, 20", 30 LBS W/QUICK RELEASE END (SET OF 2) (FOR DOORS)
9SV-HWS	WINDSHIELD HINGE KIT - POLYCARBONATE WINDSHIELD
9SV-HWSAS1	WINDSHIELD HINGE KIT - GLASS WINDSHIELD
9SV-OHRL	OUTSIDE HANDLE ROTARY LATCH KIT (SET OF 2)
9SV-WL2	WINDSHIELD LATCH KIT, SET OF 2
9SW-LATCH	SLIDING WINDOW REPLACEMENT LATCH
9SV-DP10	DOMES PLUG 3/8" (BAG OF 10)
9SV-DP11	DOMES PLUG 1/2" (BAG OF 10)

TRIM LOK, STD, 1/16" - 1/8" GRIP	5/8" STD BULB, 1/16" GRIP	5/8" STD BULB, 1/4" GRIP	3/4" SIDE BULB, 1/4" GRIP	1" SIDE BULB 1/16" GRIP	3/4" SIDE BULB, 1/16" GRIP	1" ROUND BULB, 1/16" GRIP
9SV-PRO1-20	9SV-PRO2-15	9SV-PRO7-5	9SV-PRO9-10	9SV-PR16-10	9SV-PR17-20	9SV-PR19-10
1/2" WEATHERSEAL	5/8" SIDE BULB 1/16" GRIP	7/16" SIDE BULB 1/4" GRIP	WINDOW RUBBER	3/4" SIDE BULB, 1/4" GRIP	EXPANDING FOAM 2-3/8" X 3/4"	FOAM TAPE 1/2" X 1/16"
9SV-PR20-10	9SV-PR27-5	9SV-PR29-15	9SV-PR31-10	9SV-PR38-15	9SV-PR40-5	9SV-DT-15

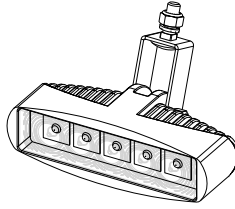
OPTIONAL ACCESSORIES

PREMIUM AND STANDARD CABS

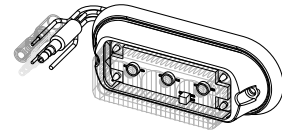
FRONT LED WORK LIGHTS
(P/N: 1KAPFXFWL)



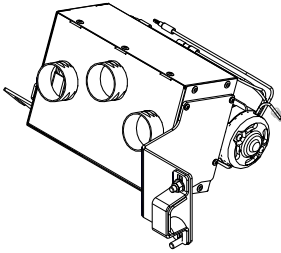
REAR LED WORK LIGHTS
(P/N: 1KAPFXRWL)



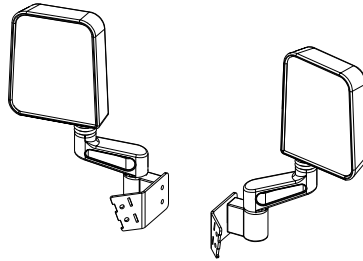
LED CORNER FLASHER LIGHTS
(P/N: 1KAPFXCFL)



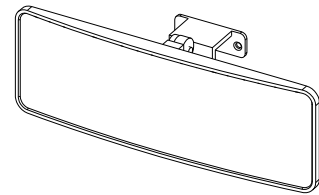
HEATER (P/N: 9PH20S61)



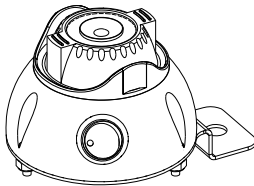
SIDE VIEW MIRRORS (P/N: 9PM5)



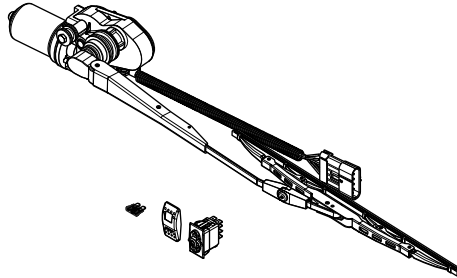
REAR VIEW MIRROR (P/N: 9PM3)



DOME LIGHT (P/N: 9LEDD14)



FRONT WIPER KIT, 172 DEGREE SWEEP, 12V W/ 16" FLEX BLADE (P/N: 1KAPFXWK)










BOLT TORQUE

BOLT TORQUE SPECIFICATIONS

GENERAL TORQUE SPECIFICATION TABLE

Use the following torques when special torques are not given. These values apply to fasteners as received from suppliers, dry, or when lubricated with normal engine oil. They do not apply if special graphited or moly disulphide greases or other extreme pressure lubricants are used. This applies to both UNF and UNC threads. Remember to always use grade five or better when replacing bolts.

IMPORTANT: On all PLATED GRADE 8 bolts, reduce torque 15% from listed bolt torque specification.

SAE Grade No.		2				5				8*			
Bolt head identification mark as per grade. NOTE: Manufacturing Marks Will Vary						  				  			
Bolt Size		TORQUE				TORQUE				TORQUE			
Inches	Millimeters	Pounds Feet		Newton-Meters		Pounds Feet		Newton-Meters		Pounds Feet		Newton-Meters	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/4	6.35	5	6	7	8	9	11	12	15	12	15	16	20
5/16	7.94	10	12	14	16	17	20.5	23	28	24	29	33	39
3/8	9.53	20	23	27	31	35	42	48	57	45	54	61	73
7/16	11.11	30	35	41	47	54	64	73	87	70	84	95	114
1/2	12.70	45	52	61	70	80	96	109	130	110	132	149	179
9/16	14.29	65	75	88	102	110	132	149	179	160	192	217	260
5/8	15.88	95	105	129	142	150	180	203	244	220	264	298	358
3/4	19.05	150	185	203	251	270	324	366	439	380	456	515	618
7/8	22.23	160	200	217	271	400	480	542	651	600	720	814	976
1	25.40	250	300	339	406	580	696	787	944	900	1080	1220	1464
1-1/8	25.58	-	-	-	-	800	880	1085	1193	1280	1440	1736	1953
1-1/4	31.75	-	-	-	-	1120	1240	1519	1681	1820	2000	2468	2712
1-3/8	34.93	-	-	-	-	1460	1680	1980	2278	2380	2720	3227	3688
1-1/2	38.10	-	-	-	-	1940	2200	2631	2983	3160	3560	4285	4827

*Thick Nuts must be used with Grade 8 bolts

METRIC BOLT TORQUE SPECIFICATIONS



Size of Screw	Property Class	Course Thread			Fine Thread		
		Pitch (mm)	Pounds Feet	Newton-Meters	Pitch (mm)	Pounds Feet	Newton-Meters
M6	5.6	1.0	3.6-5.8	4.9-7.9	-	-	-
	8.8		5.8-9.4	7.9-12.7		-	-
	10.9		7.2-10	9.8-13.6		-	-
M8	5.6	1.25	7.2-14	9.8-19	1.0	12-17	16.3-23
	8.8		17-22	23-29.8		19-27	25.7-36.6
	10.9		20-26	27.1-35.2		22-31	29.8-42
M10	5.6	1.5	20-25	27.1-33.9	1.25	20-29	27.1-39.3
	8.8		34-40	46.1-54.2		35-47	47.4-63.7
	10.9		38-46	51.5-62.3		40-52	54.2-70.5
M12	5.6	1.75	28-34	37.9-46.1	1.25	31-41	42-55.6
	8.8		51-59	69.1-79.9		55-68	75.9-92.1
	10.9		57-66	77.2-89.4		62-75	84-101.6
M14	5.6	2.0	49-56	66.4-75.9	1.5	52-64	70.5-86.7
	8.8		81-93	109.8-126		90-106	122-143.6
	10.9		96-109	130.1-147.7		107-124	145-168
M16	5.6	2.0	67-77	90.8-104.3	1.5	69-83	93.6-112.5
	8.8		116-130	157.2-176.2		120-138	162.6-187
	10.9		129-145	174.8-196.5		140-158	189.7-214.1
M18	5.6	2.0	88-100	119.2-136	1.5	100-117	136-158.5
	8.8		150-168	203.3-227.6		177-199	239.8-269.6
	10.9		175-194	237.1-262.9		202-231	273.7-313
M20	5.6	2.5	108-130	146.3-176.2	1.5	132-150	178.9-203.3
	8.8		186-205	252-277.8		206-242	279.1-327.9
	10.9		213-249	288.6-337.4		246-289	333.3-391.6