

CURTIS

NOTE: By design, the doors are made to not be removable! This is a safety feature since disabling the factory quarter doors.

> The contents of this envelope are the property of the owner. Be sure to leave with the owner when installation is complete.

APPROXIMATE INSTALLATION TIME: 3 HOURS (excluding accessories)



Available options (sold separately): Low Profile 5 LED Work Lights (p/n: 9LEDW4) Switch Panel (p/n: 9PSF1) Strobe Light (p/n: 9LEDS2) Interior Rear View Mirror (p/n: 9PM3) Exterior Side View Mirrors (p/n: 9PM5)

Note: Two windshield wipers are supplied with this cab kit.

Rev. C, 02/08/2018



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.

Exposure to Carbon Monoxide can Cause ilness, 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.

Ser	ious 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.	
7	This cab enclosure does not provide protection from lightning. When lightning threatens take cover and do not operate vehicle.	



The doors on this enclosure should not be removed under any circumstances. They are designed to remain on the vehicle at all times.

PREREQUISITE:

All 2014-2015 vehicles must have the factory Yamaha Sound Damping kit, Yamaha part number 1XD-F83R0-S0-00, installed to work with this cab. 2016+ vehicles come with the parts of the kit installed from the factory and will fit with this cab with no additional components required.

CAB INSTALLATION HELPFUL HINTS:

- A. Use caution to avoid damaging the factory installed threaded inserts. Begin the bolt engagement by hand to guard against potential cross threading.
- B. Abbreviations used throughout:
 O.E.M. = Original Equipment Manufacturer
 R.O.P.S. = Roll-Over Protective Structure
- C. Refer to the parts diagram at the end of the manual for easier part identification during installation.

TOOLS REQUIRED:

9/32" drill bit and a drill
#3 Phillips head screwdriver
Small flat screwdriver
3/8" drive ratchet
Allen wrenches (5/32", 6mm, and 8mm)
Open-end wrenches (3/8", 7/16", 1/2", 3/4", 14mm)

3/8" drive sockets (3/8", 7/16", 1/2", 3/4", 14mm) Wire snips (for snipping wire ties) Grease (for hinge pins and striker pins) Torque Wrench 5/32" Hex L-Key for Tamper-Resistant Screws

1. VEHICLE PREP

1.1 See fig. 1.1. Remove both factory lower quarter doors. Note: there are two security screws per door.

1.2 See fig 1.2. Raise the dump bed, remove the rear plastic sound damping panel, and trim just below the second bend as shown, approximately 1-3/4" down from the outer top edge. The panel is secured with (4) removable zip ties.

1.3 See fig 1.3. Reinstall the panel.

1.4 See fig 1.4. Remove roof clamps and hardware and save for later use.

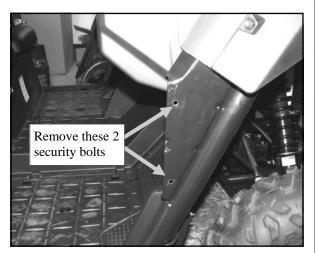


Fig. 1.1 (View of front right corner)

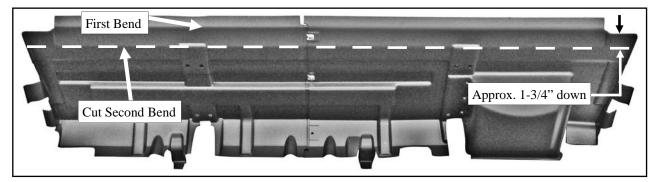


Fig. 1.2 (Rear plastic sound damping panel removed)

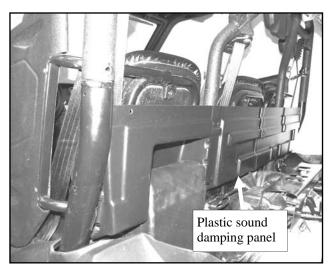


Fig. 1.3 (Rear plastic sound damping panel reinstalled)

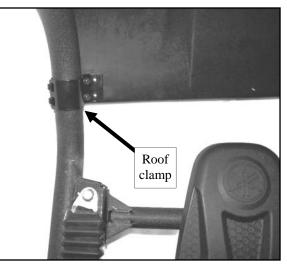


Fig. 1.4 (Roof clamps)

2. ROOF

2.1 See fig. 2.1. Install the supplied bulb rubber to the right side of the plastic roof by flexing the edge of the roof up enough to push it on. Repeat for left side.

2.2 If the roof is not centered on the vehicle, it should be centered at this time.

3. STRIKER

- 3.1 See fig. 3.1. Install using the following hardware: <u>Oty.</u> <u>Hardware Type</u>
 - 2 3/8-24 x 2-1/4" Long Hex Bolts
 - 2 3/8-24 Nylock Nuts
 - 4 3/8" I.D. x 13/16" O.D. Washers

3.2 Torque to 47 ft.-lbs. (64 N-m) at this time. Repeat for left side.

4. DOOR SEAL PANEL

- 4.1 See fig. 4.1. Install using the following hardware: <u>Otv.</u> 2 <u>Hardware Type</u> 1/4-20 x 3/4" long Button Head Bolts
 - 2 1/4-20 Hex Flange Nuts

4.2 Note: occupy the top hole where security bolt was removed from.

- 4.3 Push down against body panel for a good seal.
- 4.4 Tighten hardware at this time.

4.5 Repeat for left side.



Fig. 2.1 (View of front right corner)



Fig. 3.1 (View of front right corner)

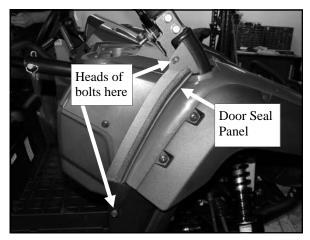


Fig. 4.1 (View of front right corner)

5. REAR PANEL MOUNT

5.1 See fig. 5.1. Install Rear Panel Mount.

5.2 Torque all four bolts to 47 ft.-lbs. (64 N-m) at this time. Repeat for left side.

6. REAR LEGS

6.1 Raise the dump bed.

6.2 See fig. 6.2. Mount the O.E.M. roof clamp to the R.O.P.S. tubing toward the bottom as shown. Leave bolts loose at this time. Repeat for left side.

6.3 See fig. 6.3. Remove and discard the O.E.M. cross bolt and nut. Keep the two O.E.M. curved washers. They are to be reinstalled in the same orientation against the front and back of the R.O.P.S. tubing.

6.4 See fig. 6.4. Position the rear leg as shown. Loosely install the 1/2" x 1" long bolt in the top to hold the leg in place, then install the following hardware where the O.E.M. hardware was removed. Be sure the curved washers are against the R.O.P.S. tubing and the flat washers are under the head of the bolt and nut. Do not tighten at this time.

Qty.	Hardware Type
1	1/2" x 1" Long Hex Flange Bolt
1	3/8-24 x 3" Long Hex Head Bolt
1	3/8-24 Nylock Nut
2	3/8" I.D. x 13/16" O.D. Washers
2	Curved O.E.M. Washers

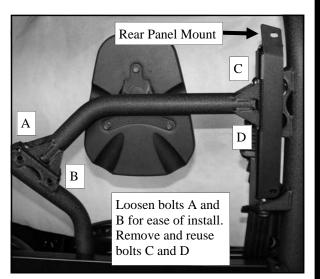


Fig. 5.1 (View of rear right corner)

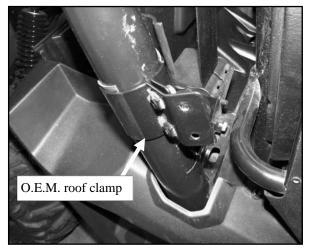


Fig. 6.2 (View of rear right corner)

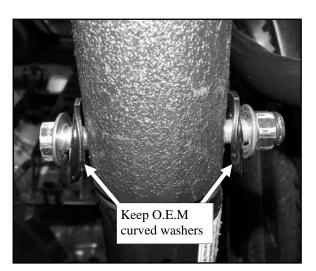


Fig. 6.3 (View of rear right corner)

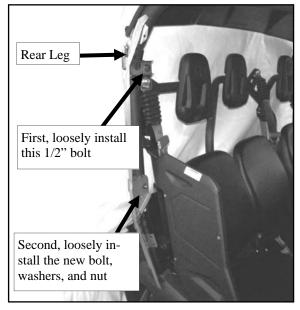


Fig. 6.4 (View of rear right corner)

6. REAR LEGS cont'd

6.5 See fig. 6.5. Secure the top R.O.P.S. clamp and the roof to the top of the rear leg using the following hardware:

- Oty. Hardware Type
 - 2 5/16-18 x 3/4" Long Hex Flange Bolt
- 2 O.E.M. Roof mounting bolts
- 2 O.E.M. Roof mounting nuts

Tighten bolts at this time.

NOTE:

There are (4) thread cutting 5/16-18 flanged head bolts and (6) regular 5/16-18 flanged head bolts in the hardware kit. Set aside the thread cutting bolts for use in step 10.2 on page 11 so they are not accidently used in the wrong place.

6.6 See fig. 6.6. Clamp the rear leg to the R.O.P.S. and torque the 3/8-24 bolts to 47 ft.-lbs. (64 N-m) at this time.

6.7 See fig. 6.7. Torque the 1/2" bolt to 47 ft.-lbs. (64 N-m) at this time.

6.8 See fig 6.8. Using the following hardware, attach the rear leg to the O.E.M. roof bracket. Tighten all hardware at this time.

Qty.	<u>Hardware Type</u>
2	1/4-20 x 3/4" Long Button Head Bolt
2	1/4-20 Nylock Nuts

6.9 Repeat for left side.

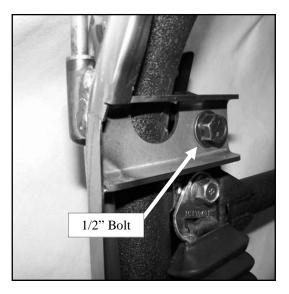


Fig. 6.7 (View of rear right corner)

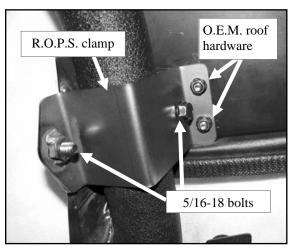


Fig. 6.5 (View of rear right corner)

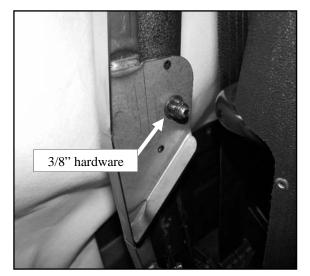


Fig. 6.6 (View of rear right corner)

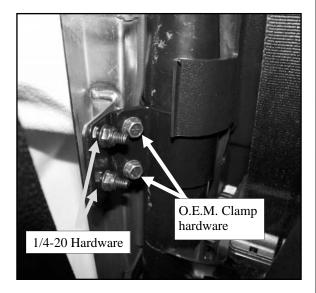


Fig. 6.8 (View of rear right corner)

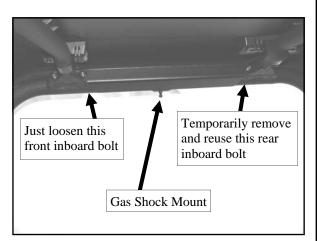
7. GAS SHOCK MOUNT

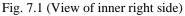
7.1 See fig. 7.1. Slide the open-ended slot on the Gas Shock Mount under the head of the front loosened bolt. Reinstall the rear bolt through the Gas Shock Mount bolt hole. Torque both bolts to 47 ft.-lbs. (64 N-m) at this time. Repeat for left side.

8. WINDSHIELD

8.1 See fig. 8.1. Loosen two factory installed bolts holding the Upper Mounting Brackets in place (one per bracket).

8.2 See fig. 8.2. Loosen the front-most O.E.M. bolt per side as shown (one per side). With assistance, place the windshield assembly on the vehicle and slide the open-ended slots on the windshield around the loosened R.O.P.S. bolts.





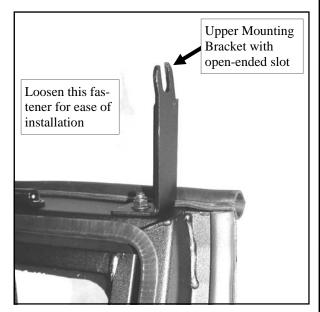
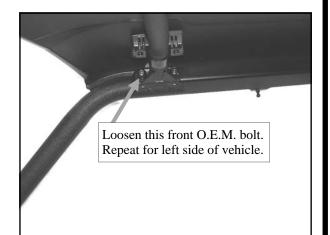


Fig. 8.1 (View of top right corner of windshield assembly)



8. WINDSHIELD cont'd.

8.3 See fig. 8.3. Make sure the riveted rubber flap is not bunched up. Gently use a small flathead screwdriver to reposition flap and seal better if necessary.

8.4 See fig. 8.4. Make sure the rubber seal for the R.O.P.S. tubing is loose and outboard as shown (not bound up).

8.5 Per fig. 8.5, pass the ends of the wiper wires down thru the gap around the R.O.P.S. tubing so that a harness connection may be made in a later step underneath the fender area.

8.6 See fig. 8.5. Use the following hardware into the lower threaded inserts (one bolt per side):

Oty. Hardware Type

2 5/16" x 3/4" long hex flanged bolts Push bottom of windshield tight against hood and tighten bolts at this time.

8.7 See fig. 8.7. Torque both loosened R.O.P.S. bolts (one per side) to 47 ft.-lbs. (64 N-m) at this time. Tighten the 5/16" bolts (one per side) which were loosened for ease of installation.

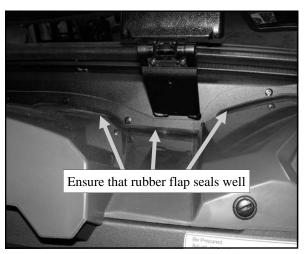


Fig. 8.3 (View of inner right side)

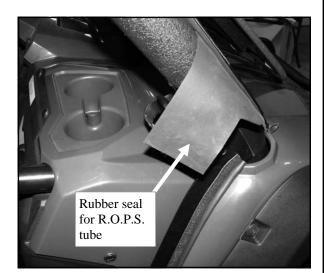


Fig. 8.4 (View of right side)

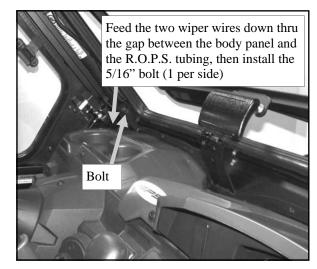


Fig. 8.5 (Inside view of driver's side)

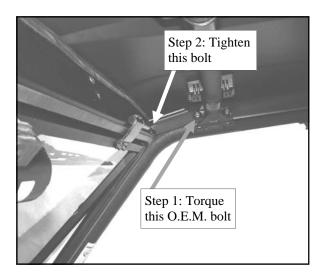


Fig. 8.7 (View of inner right side)

8. WINDSHIELD cont'd.

8.8 See fig. 8.8. Wrap the rubber seal around the R.O.P.S. tube and attach it to itself via the factory installed Velcro. Re-tighten the top edge if necessary to achieve a tight seal. The bottom edge marked "A" is not critical.

9. REAR PANEL

9.1 Open dump bed.

9.2 See fig. 9.2. With assistance, place the Rear Panel Assembly in place. Use the following hardware to secure:

- Oty. Hardware Type
- 4 $1/4-20 \ge 1-1/2$ " long Button Head bolts
- 4 1/4-20 hex flanged nuts
- 4 1/4" x 1" O.D. fender washers

Install the top bolts first, then the lower bolts. Just snug the bolts so the rubber bushings are partially compressed.

9.3 See fig. 9.3. Pull the rear of the plastic roof down against the rubber seal on top of the Rear Panel. From the inside of the vehicle, drill thru the bracket and thru the plastic roof (one place per bracket, two holes total) (9/32" drill bit). Use the following hardware to secure:

- Oty. Hardware Type
- $2 1/4-20 ext{ x } 3/4$ " long Button Head bolts
- 2 1/4-20 hex flanged nuts
- 2 1/4" x 1" O.D. fender washers

Tighten bolts at this time.

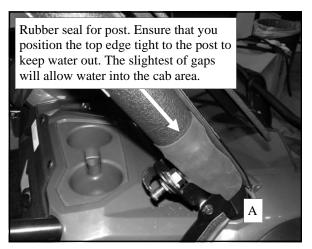


Fig. 8.8 (View of right side)



Fig. 9.2 (View of right rear side)

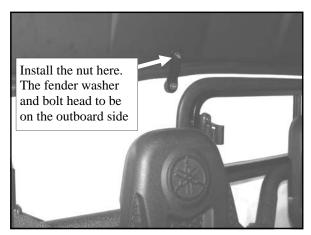


Fig. 9.3 (View of inner right side)

9. REAR PANEL cont'd.

9.4 See fig. 9.4. Use two of the supplied wire ties to secure the bottom of the rear panel to the R.O.P.S. tubing as shown. One place on driver's side and one place on passenger's side.

9.5 See fig. 9.5. Press the plastic rear panel against the metal rear panel extension and drill thru the plastic panel using the pre-drilled holes in the metal panel as a guide (one hole per side, two holes total) (9/32" drill bit). Use the following hardware to secure:

<u>Oty.</u> <u>Hardware Type</u> 2 1/4" x 3/4" long H

1/4" x 3/4" long Button Head bolts 1/4" hex flanged nuts

Tighten bolts at this time.

2

9.6 See fig. 9.6. Apply the supplied Arch PSA rubber to the RO.P.S. tube to seal against the plastic rear panel as shown. For best adhesion, apply to a clean, dry surface. Repeat on passenger's side.

9.7 Lower the dump bed.

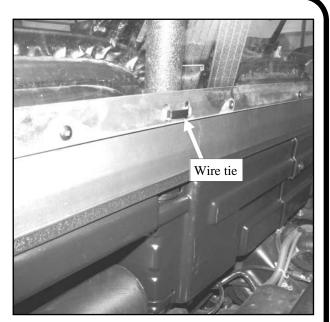


Fig. 9.4 (View of driver's side)

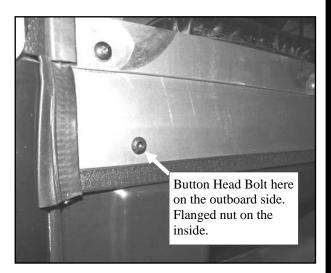


Fig. 9.5 (View of driver's side)

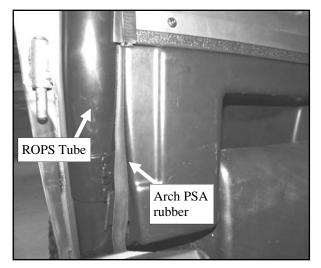


Fig. 9.6 (View of driver's side)

10. LOWER DOOR FILLER

10.1 See fig. 10.1. Unscrew and remove two plastic clips holding the side panel to the vehicle.

10.2 See fig. 10.2a and 10.2b. Using the supplied thread cutting bolts, carefully attach the door filler panel to the vehicle. Ensure the thread cutting bolts start going in straight and apply pressure as they are turned. As the bolts start cutting thread, there will be more resistance, and then they will turn more freely once the threads have been cut. Gently tighten them, being careful not to strip the newly cut threads.

Qty. Hardware Type

2 5/16-18 x 3/4" long thread cutting hex flanged bolts

10.3 Repeat on driver's side.

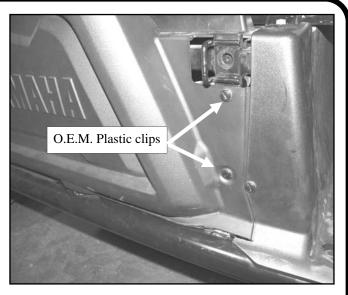


Fig. 10.1 (View of passenger's side)

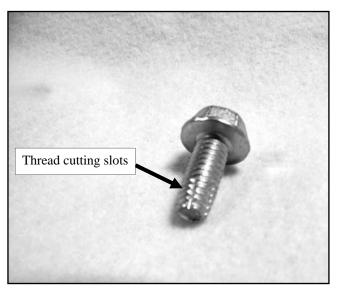


Fig. 10.2a (Thread cutting bolt)

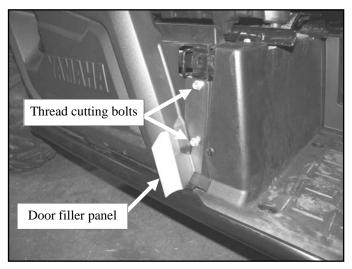


Fig. 10.2b (View of passenger's side)

11. DOORS

NOTE: by design, the doors are made to not be removable! This is a safety feature since disabling the factory quarter doors.

11.1 See fig. 11.1. Apply grease (not supplied) to both hinge pins. Install one brass washer to the top hinge pin. Install the door by engaging just the top hinge pin and then shutting the front of the door so that it engages properly into the striker pin.

- 11.2 See fig. 11.2. Use the following hardware:
 - Qty. Hardware Type
 - 2 5/16" x 1-1/2" long Button Head bolts
 2 5/16" hex flanged nuts

For ease of hardware installation, open the rear of the door slider by pushing it forward. Install one brass washer on the greased upside down lower hinge pin, install the Lower Door Hinge Plate, and loosely install the bolts and nuts with the bolt heads outboard.

11.3 See fig. 11.3. Have an assistant unlatch, open, and lift the door slightly while the lower two bolts are tightened. Do not over tighten. Over tightening will crush (damage) the structural tubing. **Torque to 40 in.-lbs**. Note: the top of the door should end up approximately visually parallel with the side of the roof. The door latch may need adjustment. Do not shut the door completely. The top hinge can be loosened and adjusted to achieve best alignment.

<u>CAUTION</u>: for safe operation, do not drive with doors open. Make sure doors are closed and properly latched when driving.

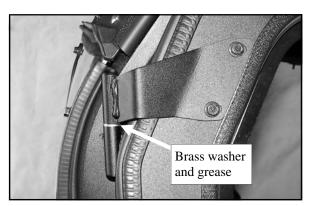


Fig. 11.1 (View of right side)

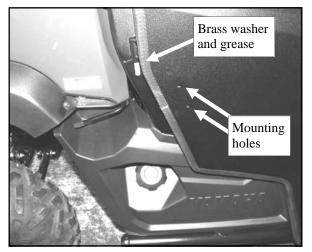


Fig. 11.2 (View of lower right door)

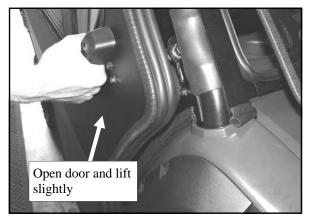


Fig. 11.3 (View of right door)

11. DOORS cont'd.

11.4 After the door is aligned parallel to the roof edge, a latch adjustment can be made. See fig. 11.4. The door latch engagement is adjustable in various directions. Adjust to suit. Note: the striker pin would require 3/4" openend wrenches. Note: the door latch is a rotary type with two positions to close. Adjust door so that when fully closed door latch clicks **twice** for total engagement. If striker pin is adjusted, make sure the finger guard ends up being centered and facing inward.

11.5 See fig. 11.5. Install the gas shocks so the thin rod end connects to the door (for best internal seal lubrication of the gas shocks).

12. ELECTRICAL FOR WIPERS

12.1 See fig. 12.1. Open and temporarily remove the hood. Disconnect the negative and positive battery terminals. Connect the ring terminal on the red fused wire on the wiper harness to the positive battery terminal and reconnect. Connect the ring terminal on the black wire on the harness to the negative battery terminal and reconnect. Tighten both connections.

12.2 See fig. 12.2. Route the harness through the opening on the driver's side. Wire tie the harness to the tube under the fender. Make the connection and test the wiper operation.

12.3 Re-install the hood.

13. LUBRICATION

13.1 Once the doors are properly adjusted, lubrication (preferably grease) can be applied to the striker bolts and door latch assemblies. Re-apply periodically as needed (same goes for the door pin hinges as necessary).

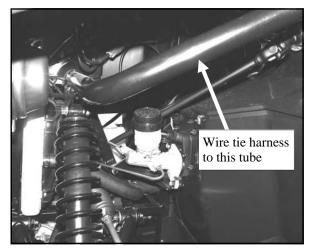


Fig. 12.2 (View under front driver's side fender)

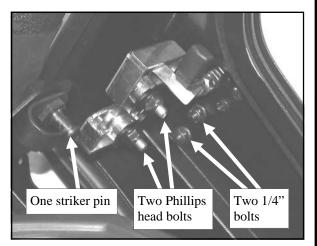


Fig. 11.4 (View of inner right side)

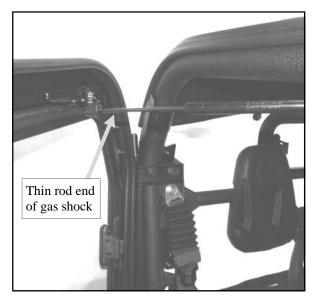


Fig. 11.5 (View of right side)



Fig. 12.1 (View with hood removed)

YAMAHA VIKING CAB ENCLOSURE CUSTOMER INFORMATION PAGE PN: 1YAMVK

CURTIS



DO NOT REMOVE DOOR

The doors on this enclosure should not be removed under any circumstances. They are designed to remain on the vehicle at all times.

CAB FEATURES:

- 1) The sliding windows on the door are designed to be removable in warm weather. They are held in place with thumb screws. See the next page for an illustration.
 - A) **To remove a window**, loosen the four thumb screws and rotate the retaining tabs. Once window is out, retighten the thumb screws to hold tabs in place so that they are not misplaced.
 - B) **To re-install a window**, loosen the four thumb screws and place window into position. Rotate the bottom retaining tabs upward and tighten the thumb screws. Be sure to compress the sealing gasket around the window by hand to ensure that the retaining tab is completely tight.

CARE AND MAINTENANCE:

- 1) Check and tighten hardware after 40 hours of operation. Periodically inspect and tighten hardware for the remainder of the unit's life.
- 2) Be sure to regularly grease hinges. Also lubricate moving parts in the door latches.
- 3) When trailering vehicle, be sure that all windows are closed and securely latched.
- 4) The wipers are fused under the hood with a glass 10A fuse (AGC Style). Do not replace with a fuse other than the size specified.

IMPORTANT CLEANING INFO:

- NEVER USE AN ALCOHOL-BASED PRODUCT FOR CLEANING. Do not use WINDEX, GLASS PLUS, FANTASTIC, etc. Do not use any CITRUS BASED CLEANERS such as orange or lemon. Use of these products will cause the cab windows to become permanently damaged.
- 2) Wash with a mild soap or detergent (specifically a dish liquid or equivalent) using your bare hands to free or dislodge any caked-on dirt or other foreign particles.
- 3) NEVER USE AN ABRASIVE DETERGENT/ VEHICLE CLEANER OR A WIRE BRISTLED BRUSH.
- 4) A soft, grit-free cloth, sponge, or chamois may be used but only as a means of carrying water to the windows.
- 5) The interior should be lightly dusted (NOT WIPED) with a clean soft cloth or chamois. The cloth or chamois should be kept free of grit by frequent rinsing in clean water.
- 6) Grease and oil may be removed with kerosene.
- 7) Novus I and Novus II are recommended plastic cleaners for acrylic units and can be used to remove light scratches.

