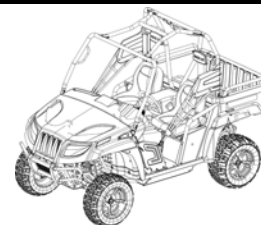


Arctic Cat® Prowler

Installation Instructions - Accessory Kit

LXC HDX Door Kit

(p/n 1436-594)



■ **NOTE:** Read these Installation Instructions thoroughly before beginning the installation process. Retain these Installation Instructions for future reference.

Kit includes:

p/n	QTY	DESCRIPTION
2441-278	1	Door (Right-side)
2441-279	1	Door (Left-Side)
2441-172	1	Right Door Frame
2441-173	1	Left Door Frame
1441-448	4	Brass Washer
2441-241	2	C-Clamp (2 Per Kit)
2441-282	2	Upper Latch Assembly
2441-345	1	Lower Left Side Door Hinge Pin
2441-346	1	Lower Left Side Door Hinge
2441-347	1	Upper Left Side Door Hinge Pin
2441-348	1	Upper Left Side Door Hinge
2441-349	1	Lower Right Side Door Hinge Pin
2441-350	1	Lower Right Side Door Hinge
2441-351	1	Upper Right Side Door Hinge Pin
2441-352	1	Upper Right Side Door Hinge
2441-285	1	Left Door Handle Assembly
2441-286	1	Right Door Handle Assembly
2441-287	2	Door Seal Kit
2441-174	1	Right Close-Off Plate
2441-175	1	Left Close-Off Plate
2441-290	1	Right and Left A-Section
2441-291	8	Hinge Cover
2441-292	4	Windshield/Frame Bracket Kit
*	14	Machine Screw (M6-1.0 x 16 mm)
*	2	Machine Screw (M6-1.0 x 25 mm)
*	4	Flange Lock Nut (M6)
*	1	Striker Nut
*	1	Striker Bolt
*	7	Rubber Washer
*	15	Fender Washer
*	2	Fender Washer, Bolt
*	1	Roof Support Bracket
*	1	Frame Support Bracket
*	3	"L" Support
*	1	Plastic Cap (Inner Door)
*	9	Door Magnet
*	2	Fender Washer
*	3	Fender Washer
2441-176	2	Close-Off Rear Frame - HDPE
0453-829	1	Instructions
* Included in Hardware Kit (p/n 1436-707)		

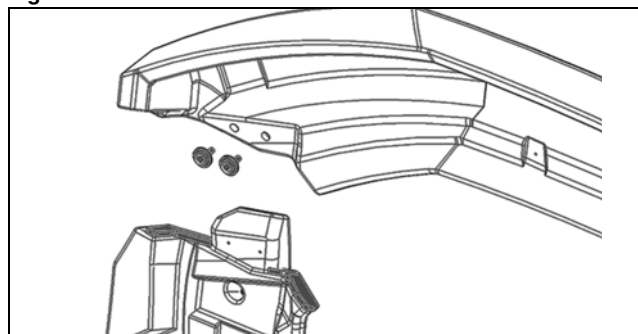
Tools needed to install kit:

- Allen Wrench - #3, #4, #5
- Metric wrench - 10 mm and 13 mm
- Scissor
- Phillip Screwdriver
- Needle Nose Pliers
- Flashlight

■ **NOTE:** Remove and retain the side restraints, kick panels, and hardware. The side restraints and kick panels have to be installed if the doors are removed.

1. Apply two Rear Frame Seals to the top of the Left Rear Frame; then fasten to Center Frame using two Machine Screws (M6-1.0 X 20 mm), two Fender Washers, and two Rubber Washers. See Fig. 1.

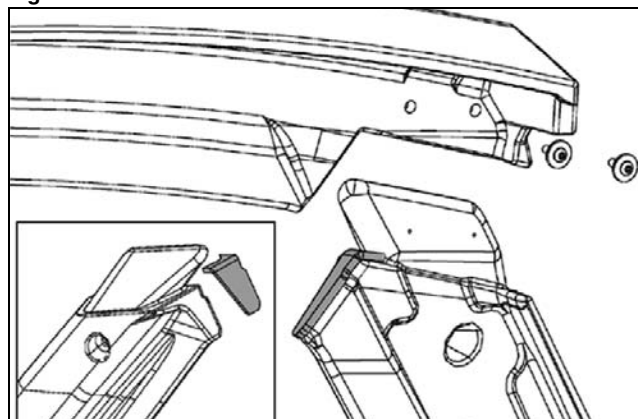
Fig. 1



ROV-154

2. Apply front frame seal to Left Front Frame; then fasten to center frame using two machine screws (M6-1.0 X 20 mm), two fender washers, and two rubber washers. See Fig. 2.

Fig. 2

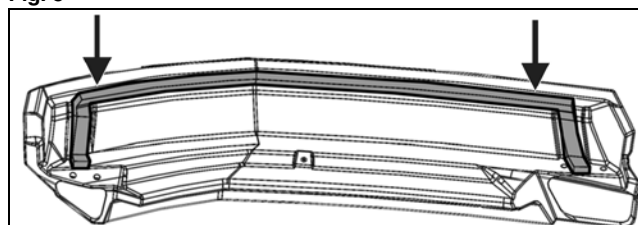


UTV-198

■ **NOTE:** Be sure to clean the intended seal areas with alcohol before adhering to the plastic.

3. Apply the center frame self-adhesive sealing foam (39 3/8-in.) on the smooth part located on the inner side of the center frame. See Fig. 3.

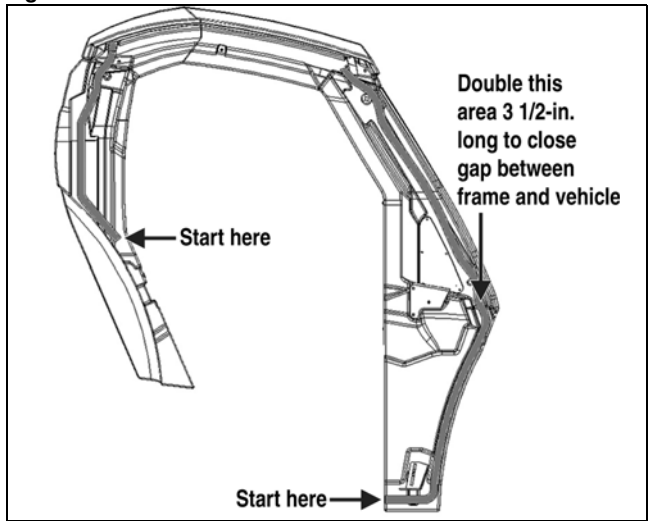
Fig. 3



UTV-228A

4. Apply the front and rear frame self-adhesive sealing foams. Taking care to start where indicated and around the mounting holes as shown. Overlap the excess over the upper foam. Be sure to save 3 1/2-in. to double the seal area shown below. See Fig. 4.

Fig. 4



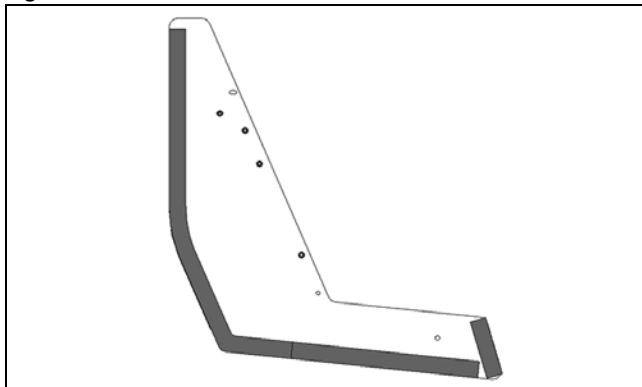
ROV-156A

5. Repeat steps 1-4 for the opposite side.

FRAME INSTALLATION

1. Apply three self-adhesive sealing foams to the inside of Left Close-Off Plate by following the sequence as shown. Seal should be applied on the side without the welded on nuts. See Fig. 5.

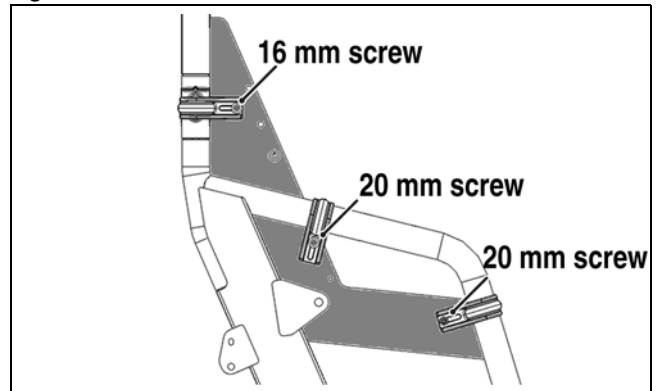
Fig. 5



ROV-158

2. Position the left close-off plate against the outer side of the left ROPS arm rest tube. Loosely secure the rear and middle parts using three C-clamps, two machine screws (M6-1.0 X 20 mm), one machine screw (M6-1.0 X 16 mm) three M6 lock washers, and three fender washers. See Fig. 6.

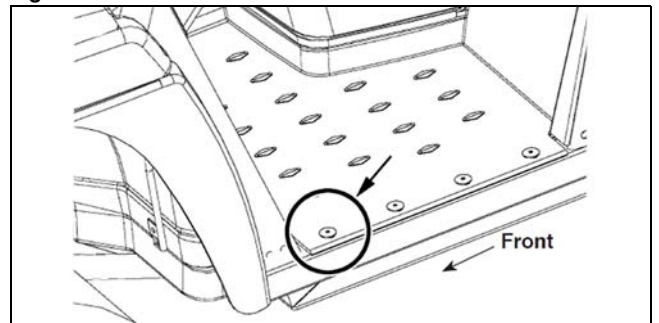
Fig. 6



ROV-157A

3. Remove and retain the existing machine screw securing the front left part of the floorboard to frame. See Fig. 7.

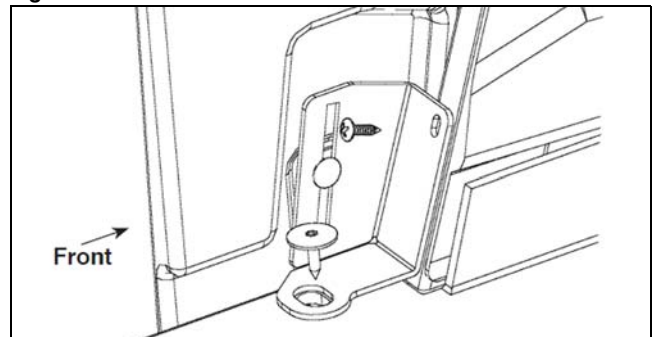
Fig. 7



UTV-202

4. Position the door frame assembly by resting frame over the Cab Roof.
5. Position and fasten the lower front left frame support to the vehicle using a Self-Tapping Screw and the existing machine screw removed in step 3 (finger tighten at this time). See Fig. 8.

Fig. 8

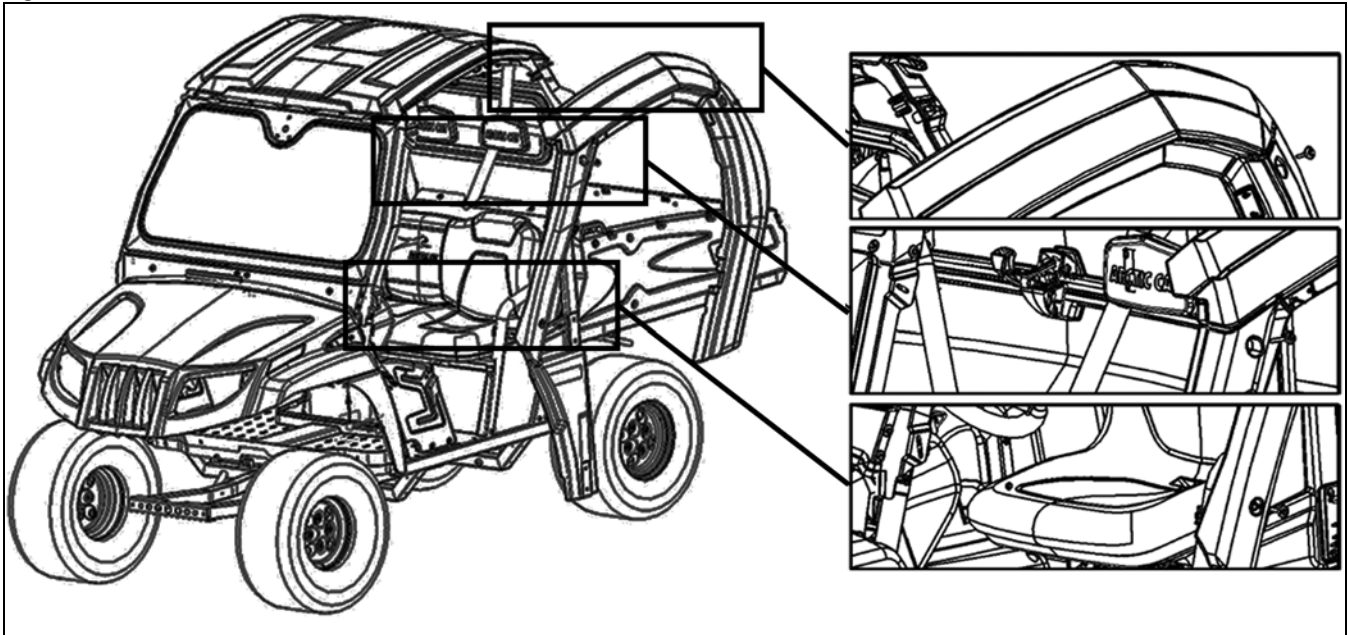


UTV-203

■ **NOTE:** Pre-threading the 35 mm and 55 mm machine screws into the "L" Supports will ease the installation in step 7.

6. Insert a machine screw (M6-1.0 X 35 mm) with fender washer, and rubber washer into the mounting hole at the top end of the left rear frame (A); then insert a machine screw (M6-1.0 X 55 mm) with fender washer and rubber washer into the mounting hole at the top end of the left front frame (B). Insert a machine screw (M6-1.0 X 35 mm) with fender washer and rubber washer into the mounting hole at the middle part of the left front frame (C). See Fig. 9.

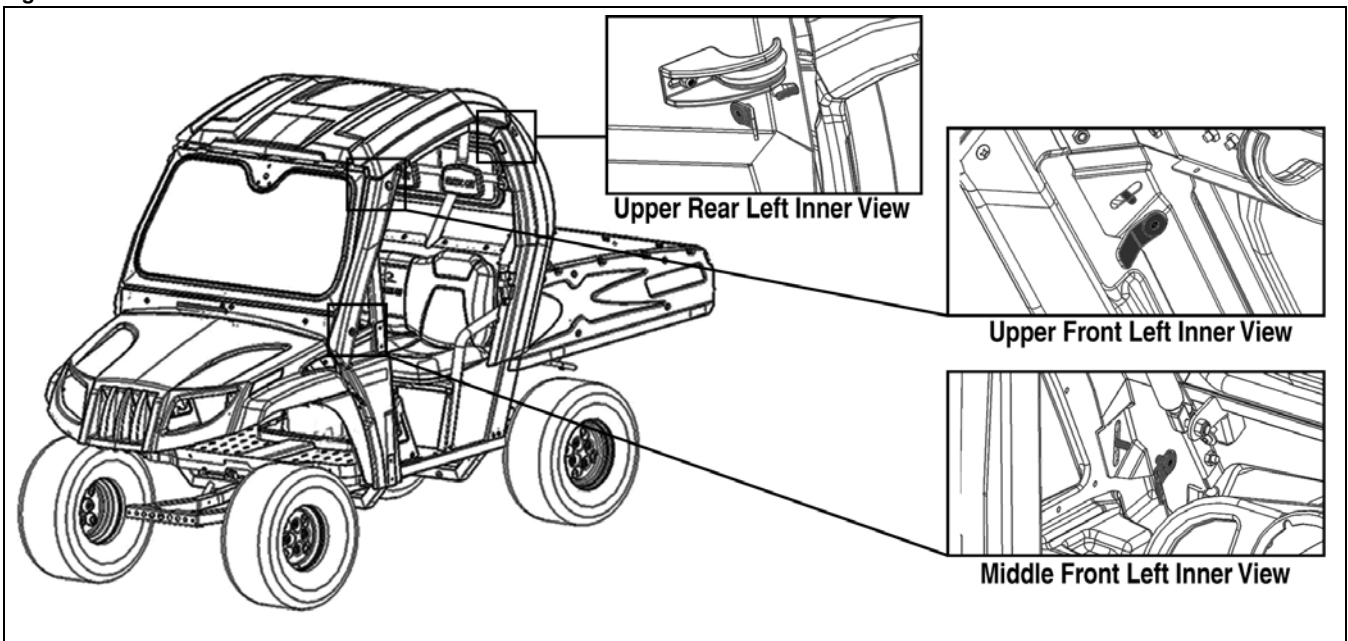
Fig. 9



ROV-180A

7. Fasten the door frame assembly onto the Windshield and the Rear Panel with machine screws from step 6 and three threaded “L” supports. A needle nose pliers holding the “L” supports is helpful. See Fig. 10.
8. Secure the lower part of the left front frame installed in step 5 of this section onto the vehicle.

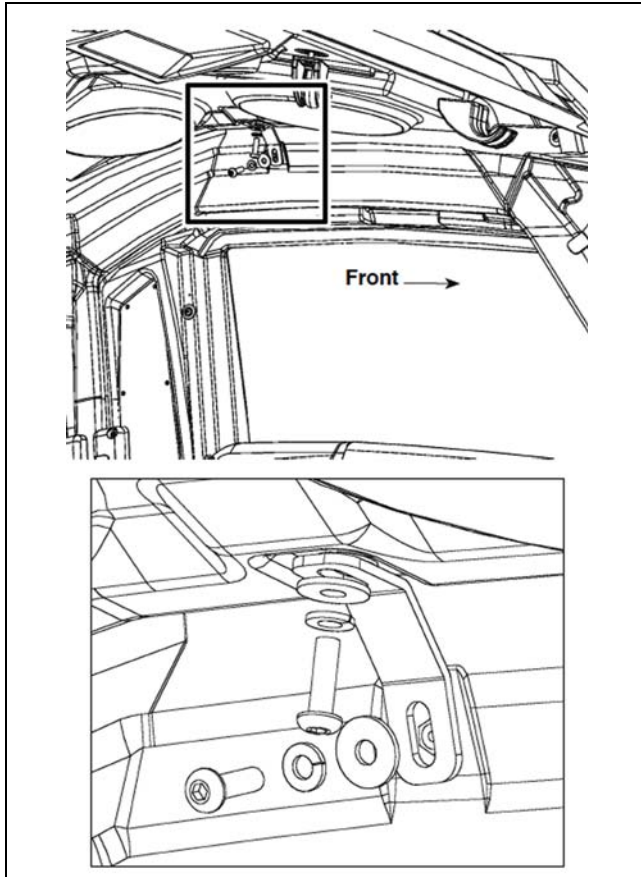
Fig. 10



ROV-179A

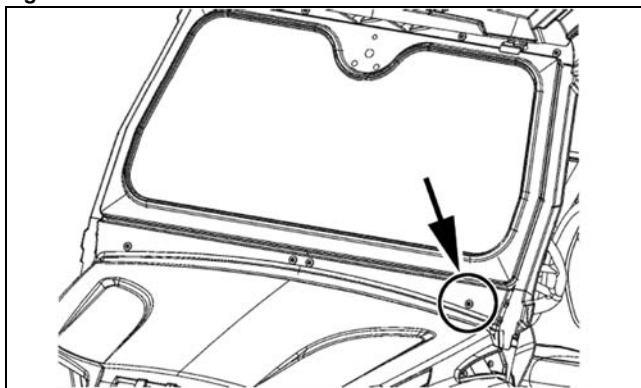
9. Secure the left upper frame onto the roof using Upper Middle Support, two machine screws (M6-1.0 X 20 mm), two M6 lock washers, and two fender washers. See Fig. 11.

Fig. 11



10. Remove and retain the existing machine screw and nut located onto the lower left part of the Windshield. See Fig. 12.

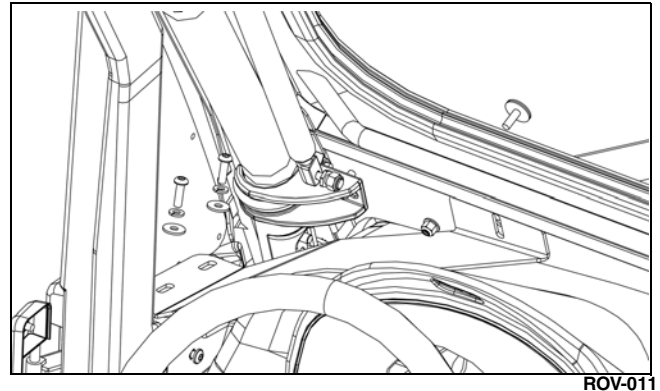
Fig. 12



11. Position and secure the end of the left Front Frame Middle Support onto the front frame using two machine screws (M6-1.0 X 20 mm), two M6 lock washer, and two fender washer (finger tighten at this time). See Fig. 13.

12. Fasten the other end of the left front frame middle support onto the Windshield kit using the machine screw and nut removed in step 10 of this section. Tighten all screws. See Fig. 13.

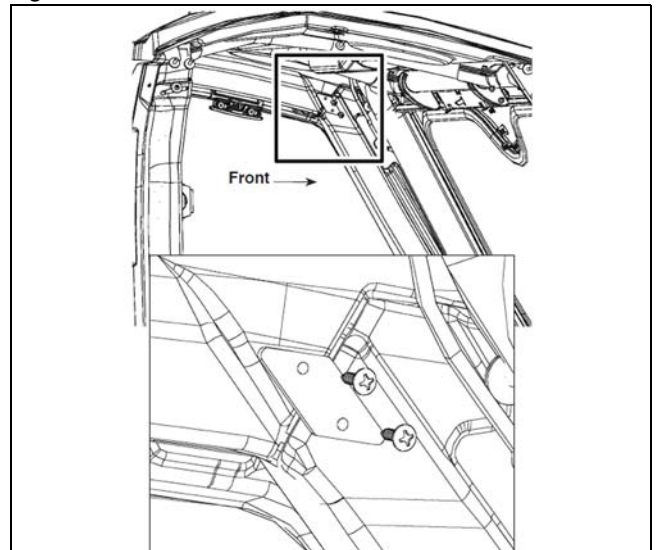
Fig. 13



■ **NOTE:** Some windshields may need to be drilled for the bracket in step 12. Use a 17/64-in. drill bit to drill the mounting location. Use Plastic Plug included in this kit to plug the initial hole.

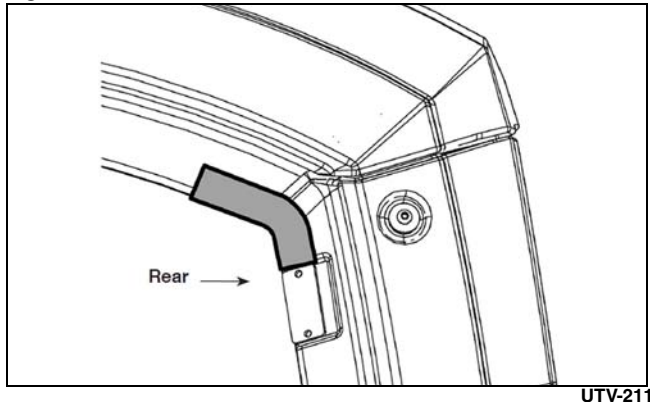
13. Position and secure Link Plate at the inner intersection of the left center and front frame using two self-tapping screws. See Fig. 14.

Fig. 14



14. Apply the self-adhesive sealing foam at the outer intersection of the center and rear frames as illustrated. See Fig. 15.

Fig. 15



15. Repeat steps 1 to 14 for the opposite side.

DOOR INSTALLATION

1. Install Brass Washers onto door hinge pins.
2. Position the left door assembly onto the door frame hinges.

Take care to verify the following points:

- That all door's joints are in firm contact with frame once the door was closed.
- That the two magnets at the top of the door are at the center of contact plates located on the frame when the door closed.
- That once the door is closed it is visually centered within the frame.

If this is not the case, make the necessary adjustments.

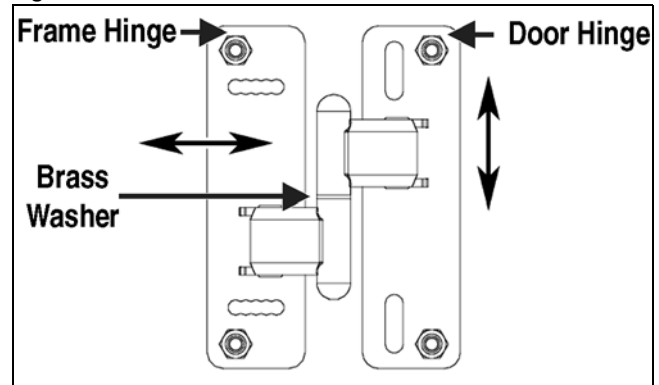
DOOR POSITION ADJUSTMENTS

The door hinges are adjustable in height and the frame are adjustable in width.

To adjust the door hinges, unscrew the first threads of the nuts holding the hinge to reposition and drag it to obtain the desired adjustment.

To adjust the frame hinges, remove the nuts holding the hinge to reposition, remove the hinge and reinstall it on another step to obtain the desired adjustment. See Fig. 16.

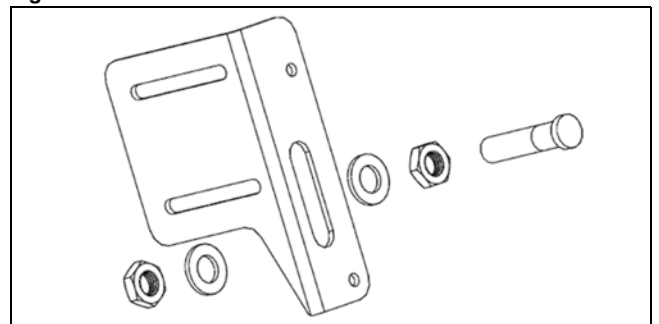
Fig. 16



CATCH BRACKET ASSEMBLY

1. Screw a thin nut (M12-1.75) and install a flat washer (M12) onto the striker bolt.
2. Insert the striker bolt into the left catch bracket opening.
3. Insert an other flat washer (M12) and thin nut (M12-1.75) onto the striker bolt. Do not over tighten. See Fig. 17.

Fig. 17

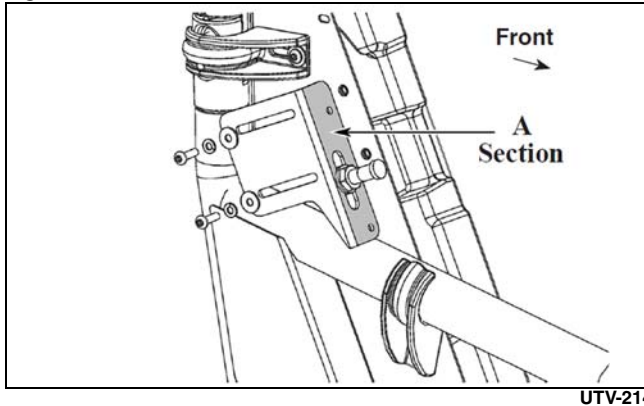


CATCH BRACKET INSTALLATION

1. Position the left catch bracket against inner side of the left plate installed in step 2 of the "FRAME INSTALLATION" section.

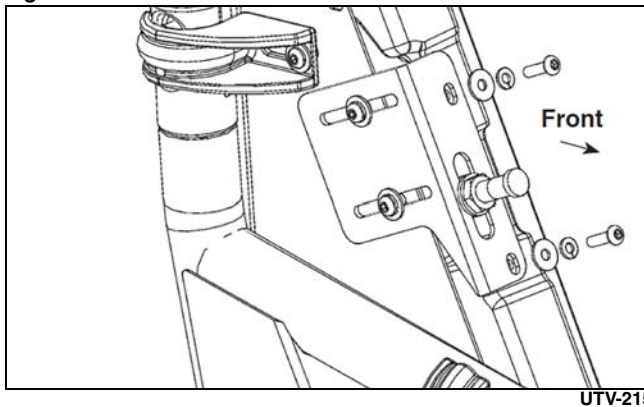
2. Take care to lean the A section of the catch bracket against the left rear frame and fasten onto the left plate using two machine screws (M6-1.0 X 20 mm), two lock washers (M6), and two fender washers. See Fig. 18.

Fig. 18



3. Secure the left catch bracket to left rear frame using two machine screws (M6-1.0 X 20 mm), two lock washers (M6), and two fender washers. See Fig. 19.

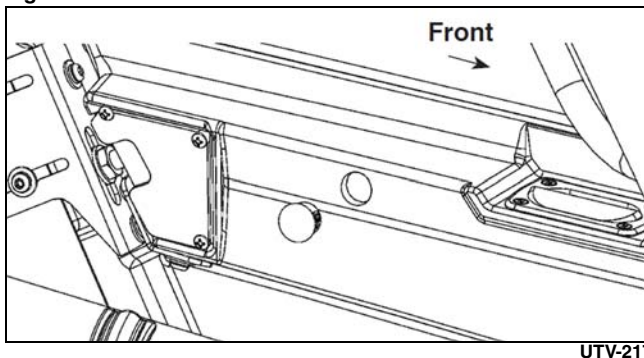
Fig. 19



■ **NOTE:** The catch bracket may have to be loosened along with the upper rear door frame so everything lines up properly.

4. Seal the access hole located on the inner side of the door with a plastic cap. See Fig. 20.

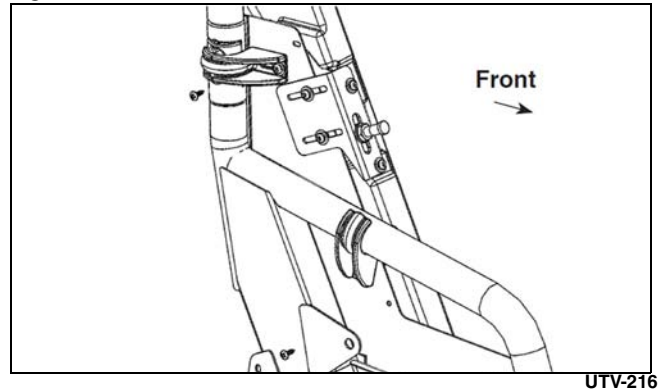
Fig. 20



5. Tighten C-Clamps holding close-off plate attached in step 2 of frame installation. See Fig. 6.

6. While pressing the left rear frame against the left plate, fasten it to frame using two phillips self-tapping screws. See Fig. 21.

Fig. 21



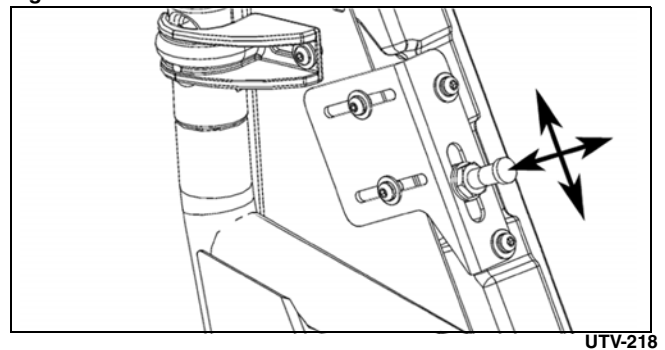
7. Repeat all steps of "DOOR INSTALLATION", "DOOR POSITION ADJUSTMENTS", "CATCH BRACKET ASSEMBLY", and "CATCH BRACKET INSTALLATION" for the opposite side.

■ **NOTE:** The latch is working properly when there are two "clicks" from the latch when the door is shut slowly. If only one "click" is heard, adjust so the latch "clicks" twice.

STRICKER BOLT AND LOCKING SYSTEM ADJUSTMENTS

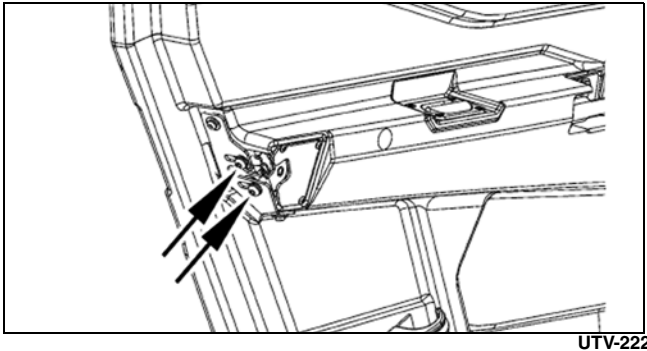
1. Sit inside the vehicle and close the door. Adjust the up-down and front-back positions of the striker bolt. See Fig. 22.

Fig. 22



2. If the door latch does not close properly, change the position of the remote latch system. To do this, loosen the two machine screws retaining the remote latch to the door. This operation will enable the remote latch to be adjusted inward-outward. See Fig. 23.

Fig. 23



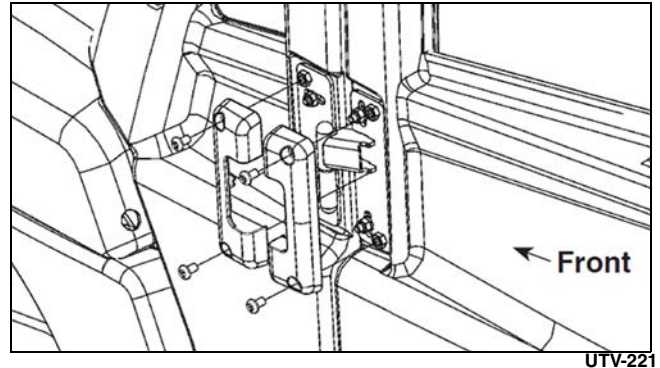
3. Repeat steps 1 and 2 for the opposite side.
4. Check door latches for proper latching before each ride. Do not drive vehicle if door latches are not functioning properly.

5. Do not grease or lubricate door latches. If dirty, clean with a dry rag.

HINGE COVER INSTALLATION

1. Position the two hinge covers and fasten using four machine screws (M6-1.0 X 10 mm).
2. Repeat the previous step for all hinges. See Fig. 24.

Fig. 24



■ **NOTE:** The door kit may need to be re-adjusted after use as components will settle into position.

