



## INSTALLATION MANUAL COMPLETE CAB KIT (77700-11821) KUBOTA RTV520

### (Not for use on RTV500)

These instructions are for installation of the complete cab as well as the modular components.

### CALIFORNIA PROPOSITION 65



#### WARNING:

Cancer and reproductive harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Description:

### Part Number:

Complete Cab Kit	77700-11821 (this contains all 5 kits listed below)
Mount Kit	77700-V4310A (required to install any of the following individual kits)
Windshield Kit	77700-V4368
Rear Panel Kit	77700-11822
Roof Kit	77700-V4312
Door Kit	77700-11823

This cab has been modularly designed so that components may be quickly detached and attached depending upon conditions. Any component may be used independently with the required Mount Kit (p/n: 77700-V4310A).

### BEFORE INSTALLING CAB

- Read all instructions and safety instructions in this manual.
- Refer to your machine's operator's manual and safety instructions on your machine's safety decals.
- Wear appropriate personal protective equipment (PPE) when performing work.
- Hang a "DO NOT OPERATE" tag in operator station.

**Estimated assembly time for entire cab: 1.5 hours (excluding any accessories)**



### SAFETY INFORMATION:



**WARNING:** Cabs add additional weight to the base vehicle. Deduct the accessory's total weight from the vehicle's rated capacity including driver and passenger. Never operate the vehicle outside of its rated weight capacity.



**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.

### SAFETY LABELS:

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Safety Label Location:

See the illustrations on the following page for complete text of safety label message:

1) WARNING - K7561-65412

2) WARNING - CUR192

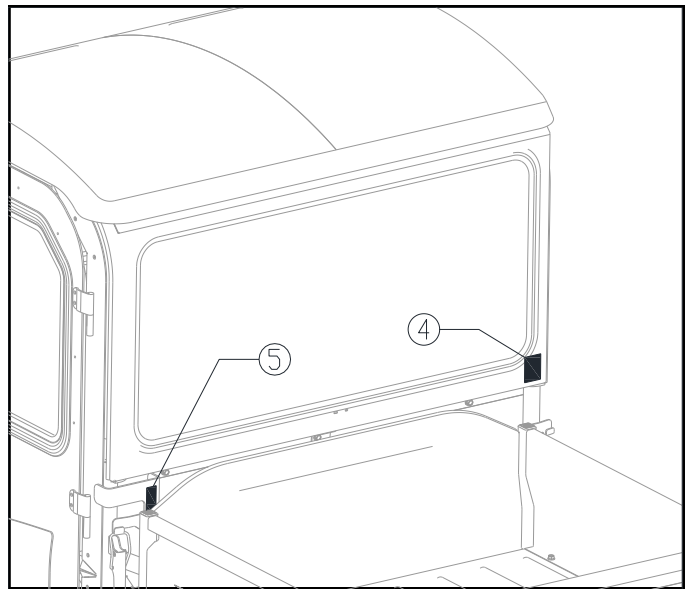
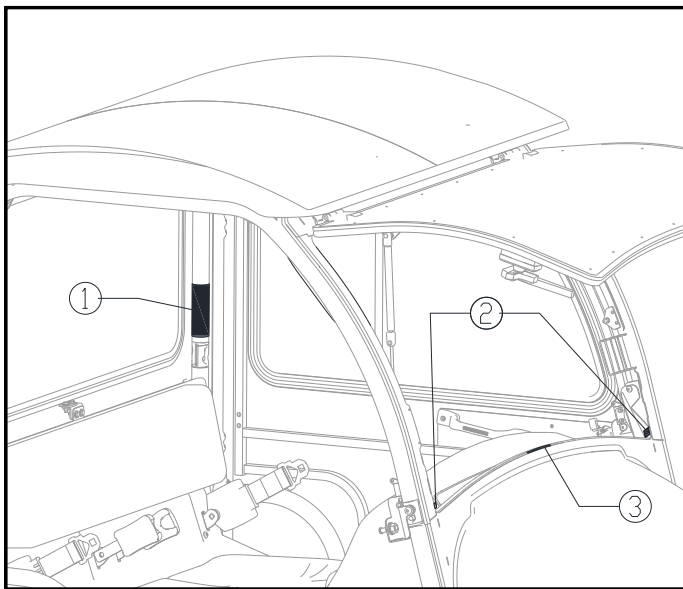
3) CUR193

NOTICE: item (3) is located in 4 places total, on each side of the panel as shown.

4) Decal: OHSA ROPS serial number

NOTICE: The ROPS (Roll-Over Protective Structure) serial number label is covered by the cab and may be viewed by removing the rear panel.

5) WARNING - 77700-12001



## SAFETY LABELS:

1) WARNING - K7561-65412



2) WARNING - CUR192

**WARNING:  
PINCH  
POINT**

3) CUR193

**← PULL PINS TO OPEN & CLOSE COWL →**

4) Kubota ROPS serial number

<b>KUBOTA</b> Manufacturing of America Corp. Gainesville GA.	
Machine Model No. RTV500 / RTV400ci / RTV520	
ROPS MODEL No. SFRTV-5	ROPS Serial No. XXXXXX
ROPS Gross Machine Weight 2314 lbs. (1050 kg)	
ROPS meets requirements of *OHSa Part 1928.52 *SAE J1124	

5) WARNING - 77700-12001



## CAB INSTALLATION BEFORE YOU START

### HELPFUL REMINDERS:

- A. Refer to the parts diagram towards the back of each section to help identify parts during the assembly process.
- B. To assist with the cab installation, leave all bolts loose for later adjustment unless otherwise specified.
- C. Read and understand all instructions before beginning.
- D. Use caution to avoid damaging the factory installed weld nuts or threaded inserts. Begin the bolt engagement by hand to avoid or correct potential cross threading.

### TOOLS REQUIRED:

- Set of standard and metric sockets
- Set of standard and metric open end wrenches
- One 3/8" Drive Ratchet
- One 3/16" Allen Wrench (preferably "T" handle type)
- Needle Nose Pliers

## ■ MACHINE PREPARATION

- Park the machine on a firm and level surface.
- Apply the parking brake.
- Stop the engine and remove the key from the machine if applicable.

## MOUNT KIT

(p/n: 77700-V4310A)

**This kit is required to mount the cab or any of the individual assemblies.**

### NOTE:

- **All assembly procedures listed within this manual are generally representative of the machine model for which the manual is written.** Your machine may be configured differently, but the outline for the procedure should still be followed. For further support for any issues not covered within the pages of this manual, please contact your local Kubota representative.

1.1 If installing just a roof by itself, use just the upper mounts shown in figure 1.1 (not the front mounts or the bushings). If installing a windshield or doors, use all the mount kit components shown in fig. 1.1.

1.2 Remove and **discard** the four (4) original equipment bolts and washers from the cross members on the driver's side as shown in figure 1.2. New bolts and lock washers are provided. Loosen the four (4) bolts securing the passenger side, but leave them installed at this time. Install the upper mount oriented as shown in figure 1.2. Install the new bolts (M10 x 1.25 x 35mm long) and split spring washers (M10) into the original equipment factory installed weldnuts (not shown). Use caution to avoid cross threading the weldnuts. Start thread engagement by hand. Leave bolts loose.

1.3 If not installing a door kit, you will not have the hinge plate mount. If installing a door kit at this time, orient and install the hinge plate mount from the door kit as shown in figure 1.3. Fasten the rear of the upper mount using the new bolts (M10 x 1.25 x 35mm long) and split spring washers (M10). Use caution to avoid cross threading the weldnuts. Start thread engagement by hand.

1.4 Repeat steps 1.2 and 1.3 for passenger's side.

1.5 If not installing a door kit, torque all eight (8) bolts to 48-55 N-m, 36-41 ft-lbs, or 4.9 to 5.7 kgf-m. Otherwise, leave bolts loose.

1.6 If installing just a roof, these two upper mounts are the only mount kit components necessary. Proceed directly to the roof section.

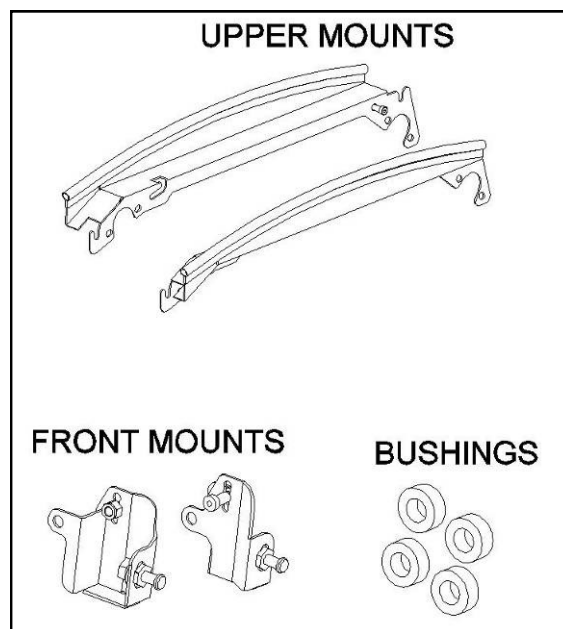


Fig. 1.1 (contents of mount kit)

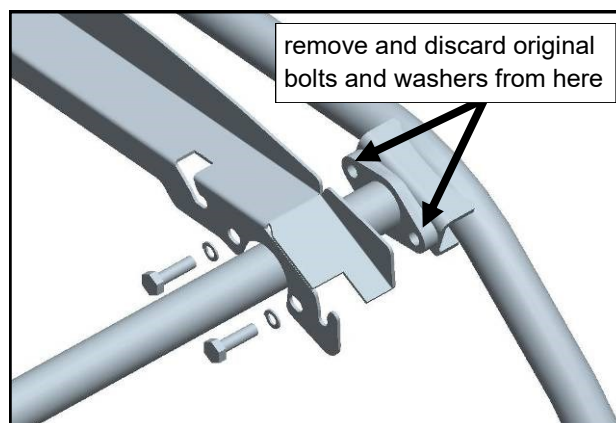


Fig. 1.2 (view of inside front corner of driver's side)

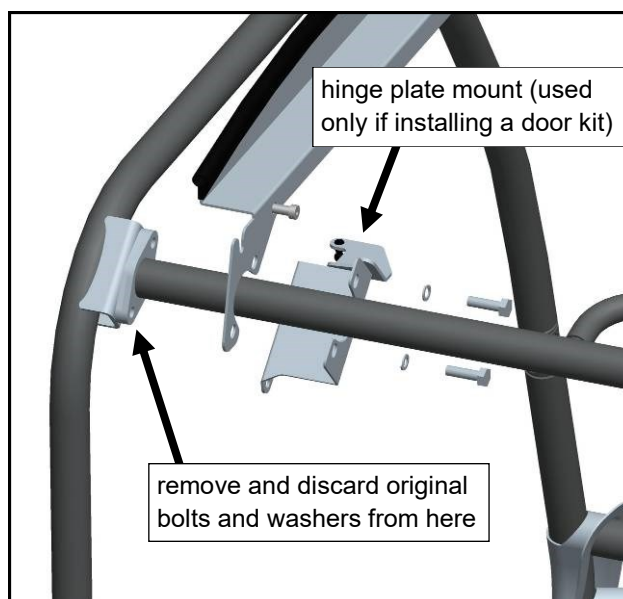


Fig. 1.3 (view of inside rear corner of driver's side)

1.7 Remove and discard the two original equipment bolts and nuts from the front ROPS (Roll-Over Protective Structure) tubing as shown in figure 1.7. New bolts, nuts, and steel bushings are provided. Have the following hardware ready: two 3/8-16 x 1-3/4" long button head bolts, two steel bushings, and two locknuts (3/8-16). Per fig. 1.7, orient and install the front mount on the driver's side as follows: the steel bushings are to be installed in the upper outside cavity and the lower inside cavity. These are to fill voids and support the ears on the front mount. See fig. 1.7.1 for a completed view of this assembly. Install the new nuts into the open cavities. Install the new bolts through the ears of the front mount, through the steel bushings, through the ROPS tubing and engage into each of the locknuts.

1.8 Repeat step 1.7 for passenger's side.

1.9 If not installing doors, then torque these four (2/side) front mount bolts to 48-55 N-m, 36-41 ft-lbs, or 4.9-5.7 kgf-m. If you are installing doors, leave snug, but loose enough that the mounts can be rotated by hand.

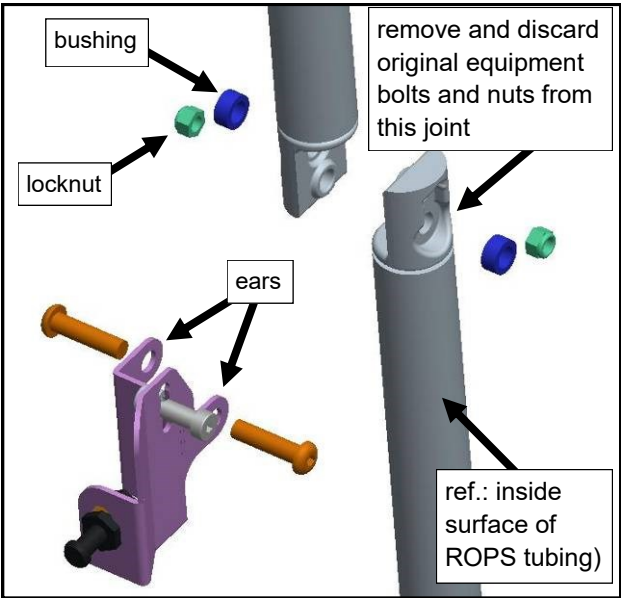


Fig. 1.7 (view of driver's side from driver's seat)

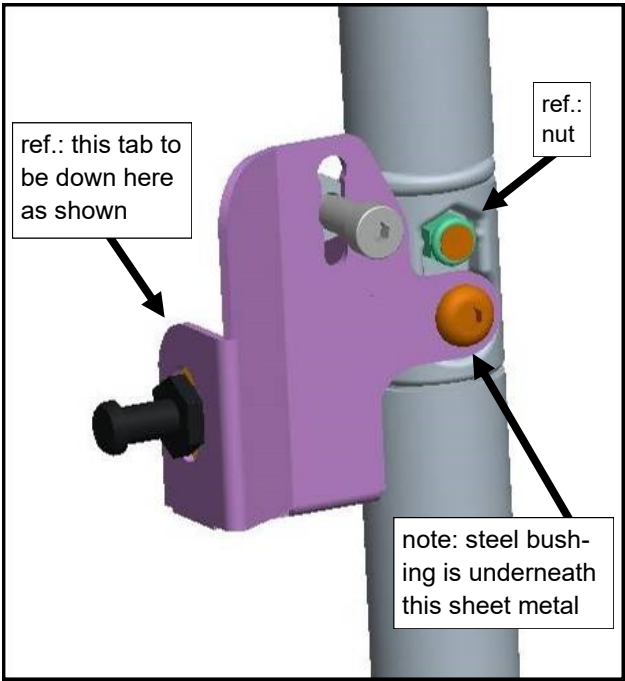
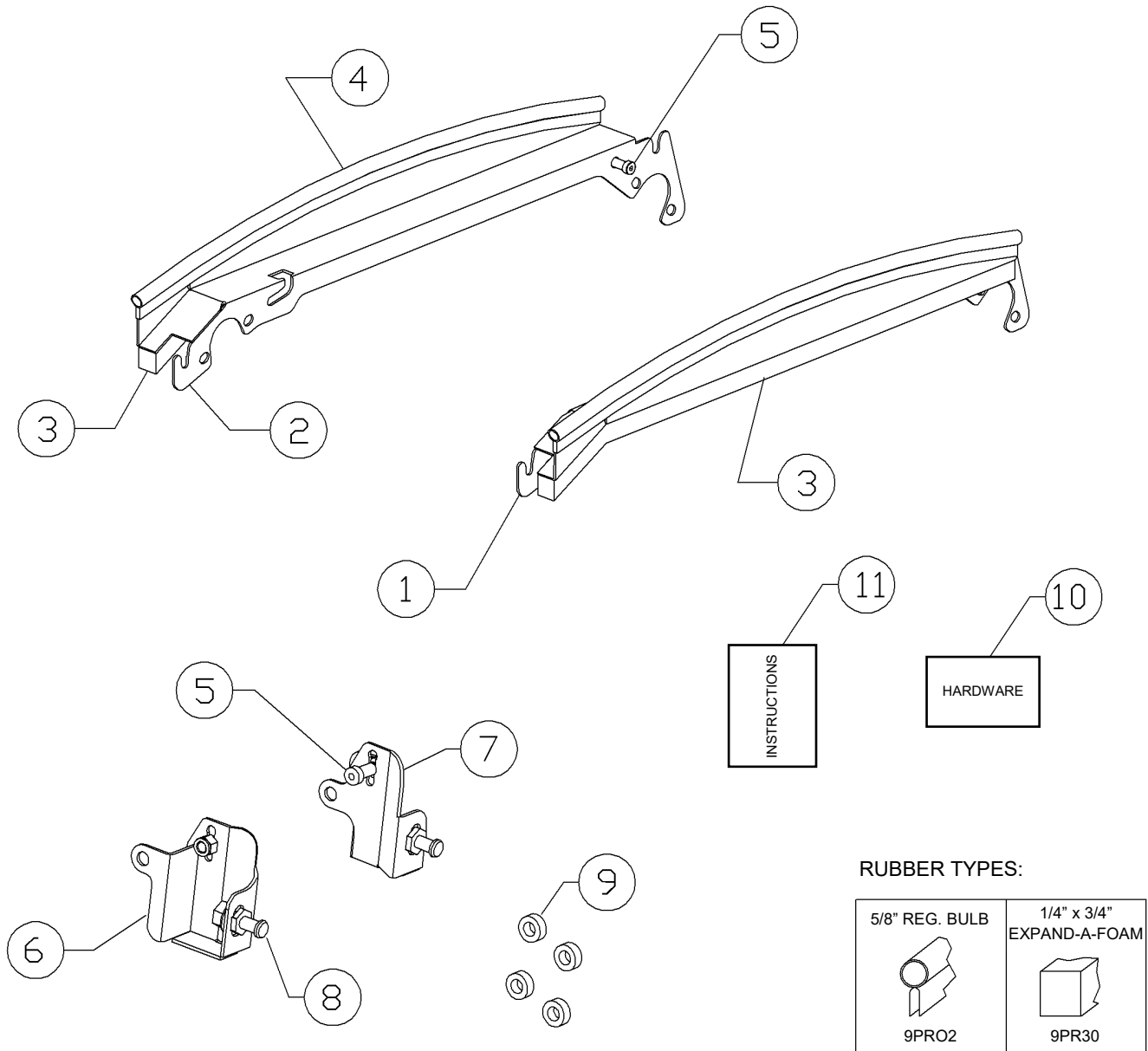


Fig. 1.7.1 (view of driver's side front mount from driver's seat)

# 77700-V4310A RTV520 MOUNT KIT

## PARTS LIST

ITEM #:	PART NUMBER:	CODE NUMBER:	QTY/KIT:	DESCRIPTION:
1	77700-01054	SM-KB5RUM-L	1	ROPS UPPER MOUNT LEFT
2	77700-01055	SM-KB5RUM-R	1	ROPS UPPER MOUNT RIGHT
3	77700-01056	9PR30	1	EXPAND-A-FOAM (29")
4	77700-01048	9PRO2	1	5/8" BULB RUBBER (170")
5	77700-01022	9DLSN	1	LATCH PIN (SET OF 5)
6	77700-01057	WA-KB5FM1-L	1	FRONT MOUNT LEFT
7	77700-01058	WA-KB5RM1-R	1	FRONT MOUNT RIGHT
8	77700-01033	9DL01D-H	1	STRIKER PIN (SET OF 8)
9	77700-01059	T-KB5BUSH	4	BUSHING
10	77700-01049	KU500MK-HWK	1	MOUNT KIT HARDWARE BAG
11	77700-11999	9SV-IM-KUB520	1	RTV 520 CAB INSTALLATION INSTRUCTIONS





# DOOR KIT

(p/n: 77700-11823)

**Note: Mount Kit (p/n: 77700-V4310A) is required in order to install this door kit.**

## NOTE:

- **All assembly procedures listed within this manual are generally representative of the machine model for which the manual is written.** Your machine may be configured differently, but the outline for the procedure should still be followed. For further support for any issues not covered within the pages of this manual, please contact your local Kubota representative.

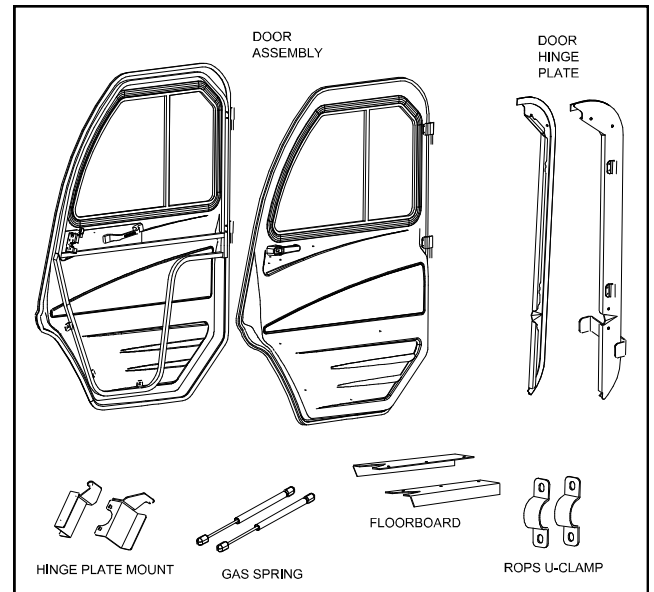


Fig. 2.1 (contents of door kit)

2.1 Note: the hinge plate mounts shown in figure 2.1 may have already been installed in step 1.3 on page 4 during the mount installation steps. If installing a door kit at a later date than the mount kit, temporarily remove the two bolts and washers shown in figure 2.2. Loosen the bolts on the opposite side, but do not remove them. Orient and install the hinge plate mount as shown. Use caution to avoid cross threading the weldnuts. Start thread engagement by hand. Leave bolts loose for now.

2.3 Remove and discard three original equipment plastic pine tree clips (see figure 2.3) from each outboard side of the vehicle floor (shown in figure 2.3.1) and install the supplied floorboards. Position the floorboard in place and fasten using the following hardware: three 1/4-20 x 3/4" long Truss/Phillips head bolts and three 1/4-20 locknuts. Locknuts to be underneath the vehicle. Tighten the bolts.

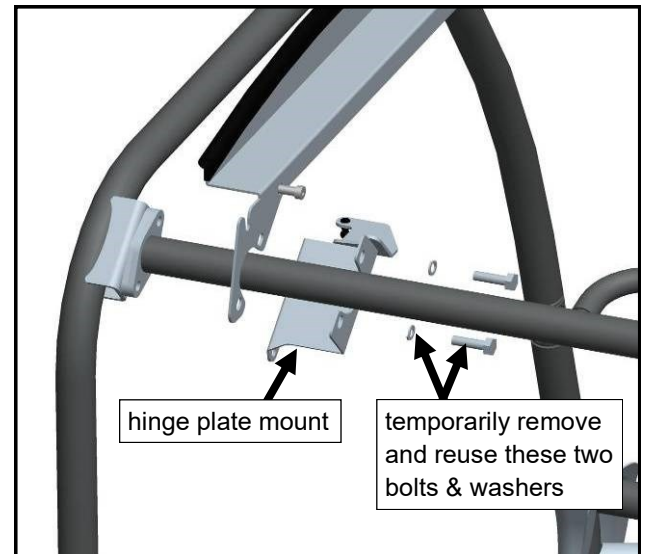


Fig. 2.2 (view of outside rear corner of driver's side)

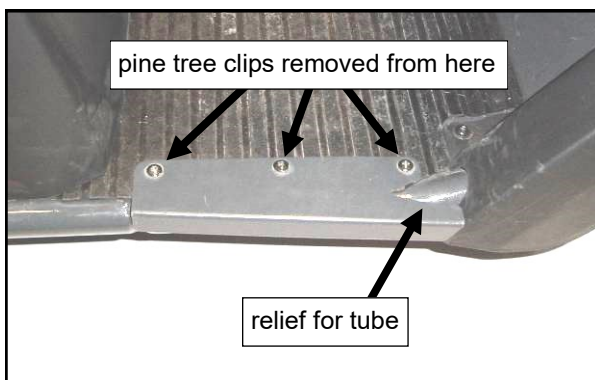


Fig. 2.3.1 (view from passenger's side)



Fig. 2.3 (pine tree clips)

2.4 Install a door hinge plate to the outside of the rear ROPS tubing on the driver's side as shown in fig. 2.4. Use the following hardware: two 5/16-18 x 1" long button head bolts, four steel flat washers (5/16"), two plastic washers (3/8"), and two locknuts (5/16-18). Locknuts and two steel washers to be on the inside of the cab. See fig. 2.4.1 for placement of plastic washers on the outside surface of the door hinge plate. Leave bolts loose.

2.5 Fasten the lower portion of the door hinge plate to the hip restraint tube as shown in figure 2.5 using the ROPS U-clamps provided and the following hardware: two 5/16-18 x 1" long button head bolts, four steel flat washers, two plastic washers (3/8"), and two locknuts (5/16-18). Locknuts and two steel washers to be on the inside of the cab. Be sure to orient the U-clamp so that the angle of the clamp is aligned with the angle of the ROPS hip restraint tube that it fastens to. See fig. 2.4.1 for placement of plastic washers on the outside surface of the door hinge plate. Leave bolts loose.

NOTICE: The Restriction Plate on the Door Hinge Plate as shown in fig 2.5.1 (Driver's side only) is designed to prevent assembly onto the RTV 500. Do not remove or alter this plate.

2.7 Repeat for passenger's side.

2.8 Open the front portion of the sliding window on each door to keep from being locked out of the cab.

2.9 Apply grease to the factory installed pin hinges and install the doors by lining up the pin hinges on the door with the hinge sleeves on the door hinge plate. Work the doors back and forth until they are completely seated on the pin hinges.

2.10 Lift up on the door handle and align with striker pin on the mount while closing the door fully. Tighten the bolts in the following order.

- Torque upper mount bolts to 48-55 N-m, 36-41 ft-lbs, or 4.9 to 5.7 kgf-m
- Torque the accessible (rear) button head bolt in the top of the hinge plate to 72 in-Lbs.
- Torque the top bolt on the lower portion of the hinge plate to 72 in-Lbs.
- Torque the 2 (1/side) front mount bolts facing hood to 48-55 N-m, 36-41 ft-lbs, or 4.9-5.7 kgf-m.
- Open the door and torque the remaining bolts on the hinge plate to 72 in-Lbs. Hold the front mounts to keep them from rotating while tightening the remaining 2 bolts to 48-55 N-m, 36-41 ft-lbs, or 4.9 to 5.7 kgf-m.

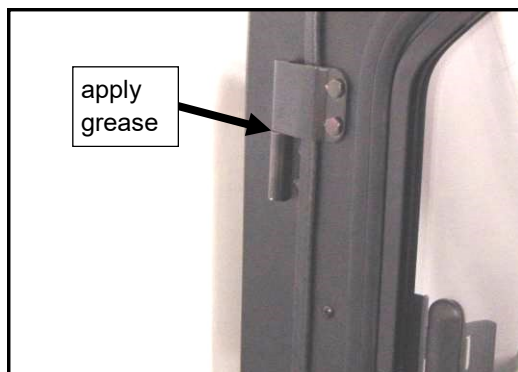


Fig. 2.9 (view of passenger's side)

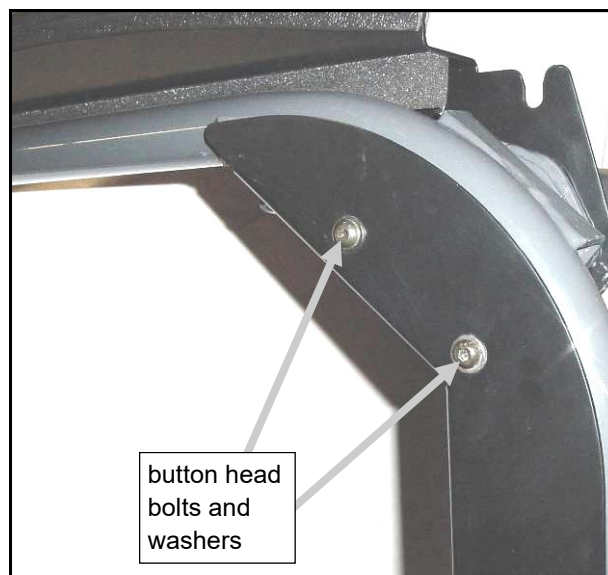


Fig. 2.4 (view of driver's side)

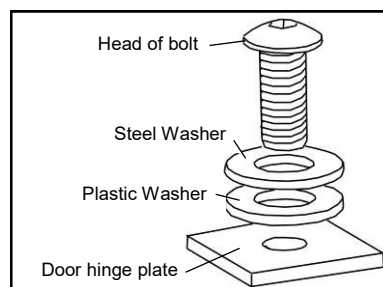


Fig. 2.4.1 (placement of plastic washers)

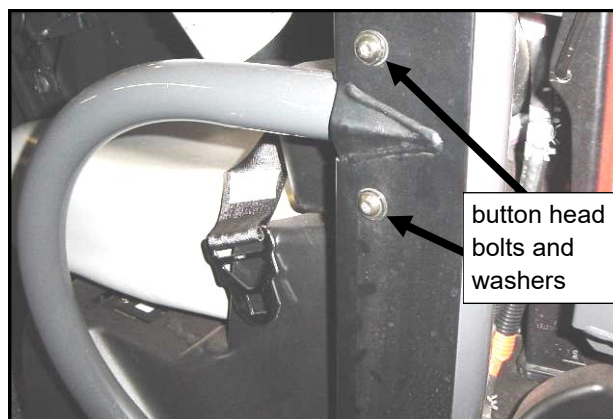


Fig. 2.5 (view of driver's side)

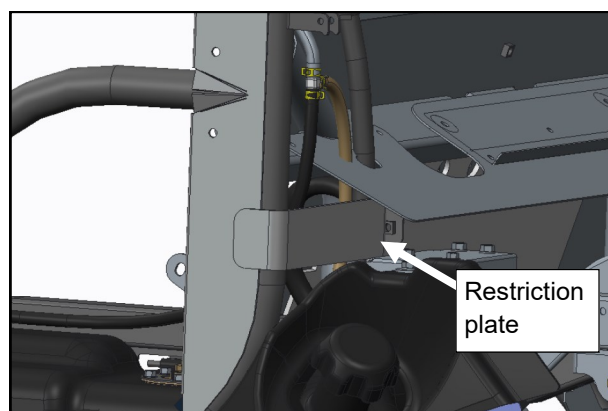


Fig. 2.5.1 (view of driver's side)



2.11 The striker bolt on the front mount can be adjusted up or down. The inside rotary latch on the door can be adjusted front to back and in and out. Continue to adjust the engagement as necessary until you get the door to fully seal and close with “two” audible clicks which is confirmation that the door is fully closed and secure enough to drive. The latch should engage smoothly on the pin. If contacting the top or bottom of the pin, adjust the pin in the slot to avoid excessive pin wear. If the pin is at the bottom of the slot during engagement, move it to the top of the slot, loosen the u-bracket on the rear leg, and close the door so that two clicks are heard. Retighten the u-bracket without opening the door. Once tight, open the door and re-adjust the pin in the slot.

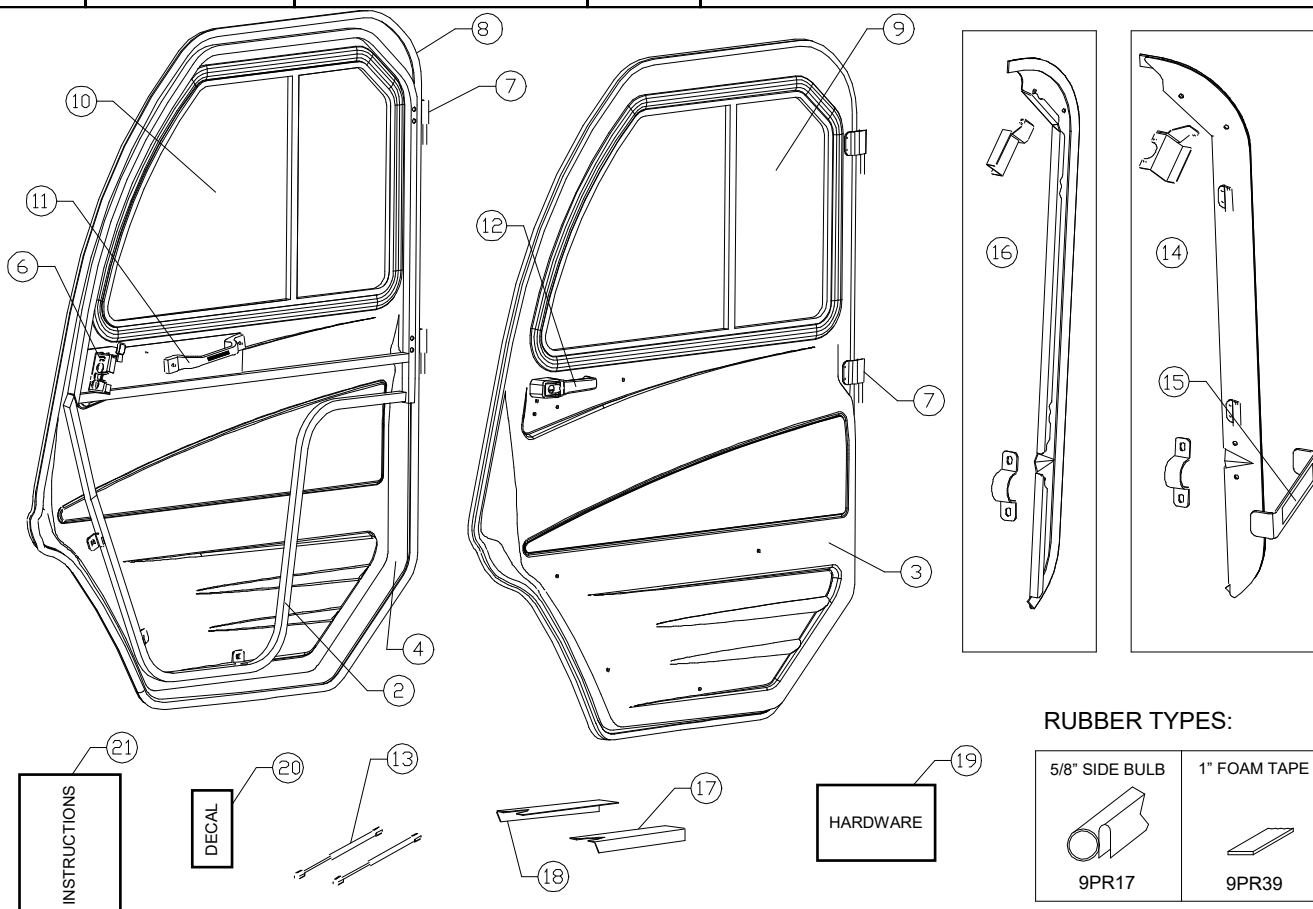
2.13 Any or all of the following four areas can be adjusted for proper “double click” engagement: standard striker pin, inside rotary latch, door pin hinges, and/or the hinge sleeves.

<b>Trouble-shooting the door</b>	<b><u>Condition:</u></b>	<b><u>Explanation/Solution</u></b>
	Latches will not double click	Move latches in.
	Latch and pin does not line up (up and down)	Move pin up or down. Loosen hinges and lower or raise the front of the door.
	Latch and pin does not line up (front to back)	Move latch forwards or backwards. Loosen hinges and move door forwards or backwards.
	Door does not seal	Move latch out.

# 77700-11823 RTV520 DOOR KIT

## PARTS LIST

ITEM #:	PART NUMBER:	CODE NUMBER:	QTY/KIT:	DESCRIPTION:
1	77700-01038	WA-KB5DR-L	1	DOOR FRAME DRIVER'S SIDE (NOT SHOWN) (STEEL ONLY)
2	77700-01039	WA-KB5DR-R	1	DOOR FRAME PASSENGER'S SIDE (STEEL ONLY)
3	77700-11993	8SV-RTV520-7L	1	DOOR SKIN WITH RTV 520 DECAL (DRIVER'S SIDE)
4	77700-11994	8SV-RTV520-7R	1	DOOR SKIN WITH RTV 520 DECAL (PASSENGER'S SIDE)
5	77700-01027	9DL06LS	1	SPORT DOOR LATCH AND COVER (DRIVER'S SIDE) (HIDDEN)
6	77700-01028	9DL06RS	1	SPORT DOOR LATCH AND COVER (PASSENGER'S SIDE)
7	77700-01032	9HSLP	1	LOW PROFILE HINGE SET (4 HINGES)
8	77700-01041	9PR17	2	SIDE BULB (180")
9	77700-01029	IA-SWKB5LWR	1	SLIDER WITH MOUNTING RUBBER (DRIVER)
10	77700-01030	IA-SWKB5RWR	1	SLIDER WITH MOUNTING RUBBER (PASSENGER)
11	77700-01021	9GH01	2	GRAB HANDLE
12	70000-01018	9DL01C	2	OUTSIDE LOCKING DOOR HANDLE
13	77700-01031	9GS04Q	1	GAS SPRING (75N WITH QUICK RELEASE) (SET OF 2)
14	77700-11995	8SV-K520-03L	1	DOOR HINGE PLATE WITH MOUNTS (DRIVER)
15	77700-12001	9SV-9DL-272	1	DECAL: RESTRICTION PLATE
16	77700-11996	8SV-K520-03R	1	DOOR HINGE PLATE WITH MOUNTS (PASSENGER)
17	77700-11997	8SV-SM-K520FB-L	1	FLOORBOARD LEFT
18	77700-11998	8SV-SM-K520FB-R	1	FLOORBOARD RIGHT
19	77700-01051	KU500DR-HWK	1	DOOR HARDWARE KIT
20	K7561-65412	K7561-65412	1	DECAL: RELOCATION OF FACTORY ROPS DECAL
21	77700-11999	9SV-IM-KUB520	1	RTV 520 CAB INSTALLATION INSTRUCTIONS



# WINDSHIELD KIT

(p/n: 77700-V4368)

**Note: Mount Kit (p/n: 77700-V4310A) is required in order to install this windshield kit.**

## NOTE:

- **All assembly procedures listed within this manual are generally representative of the machine model for which the manual is written.** Your machine may be configured differently, but the outline for the procedure should still be followed. For further support for any issues not covered within the pages of this manual, please contact your local Kubota representative.

3.1 Fig. 3.1 shows the only item included in the windshield kit. Note: inside view of windshield assembly shown.

3.2 Orient the windshield as shown in fig. 3.1. Hook the two upper pins into the receiving slots in the front of the upper mounts (see fig. 3.2). Snap the lower two latches onto the pins on the inside of the front mounts until they are fully engaged. Two (2) clicks means fully engaged. If adjustment is needed, use a 3/16" Allen wrench and a 1/2" open ended wrench to reposition the pin in the slotted front mount.

3.3 Three areas are adjustable if a better seal is desired. First be sure that the upper pins are seated at the bottom of the receiving slots in the upper mounts before beginning any adjustments. The lower latches have adjustment in and out (see fig. 3.3). The lower pins on the front mounts have adjustment up and down. The upper pins have adjustment in all directions due to an oversized hole. Make the necessary adjustments until you achieve "double click" engagement. If the issue is with the seal against the ROPS tubing, adjust the lower latches in or out. If the issue is with the seal against the hood, adjust the pins up or down.

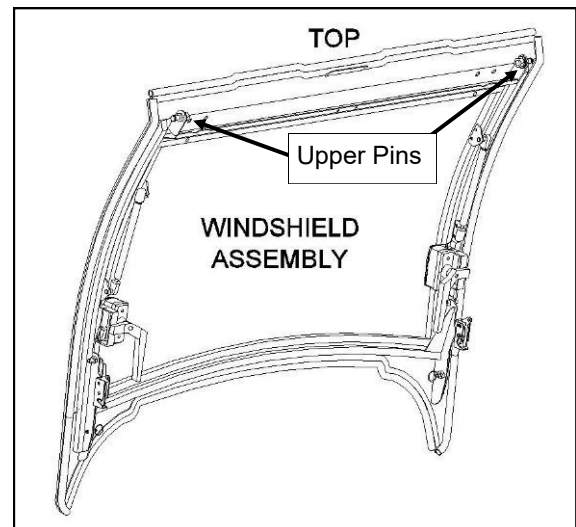


Fig. 3.1 (contents of windshield kit)

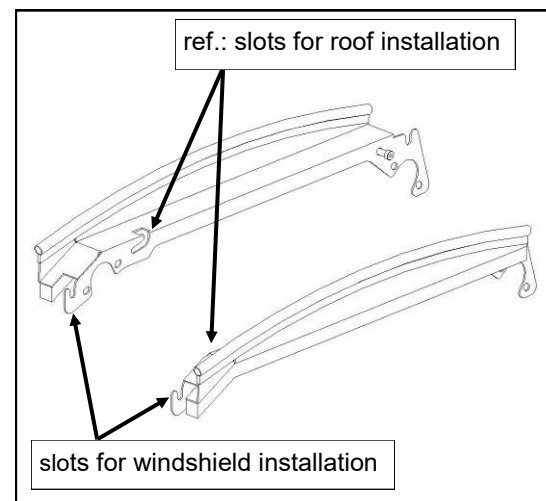


Fig. 3.2 (description of slot usage)

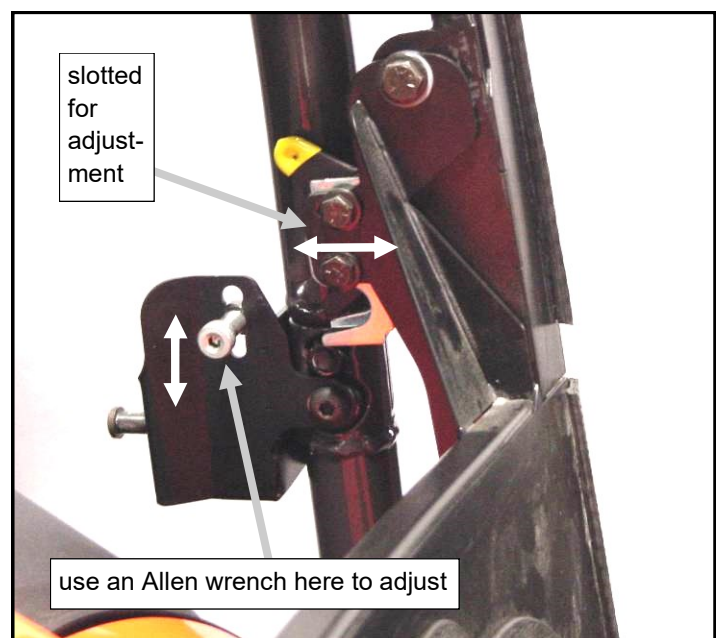


Fig. 3.3 (view from inside of driver's side)

3.4 Note: the entire bottom portion of the windshield assembly is designed to pivot up and out of the way when the hood needs to be opened. On each side of the cowl there is a finger pull pin. Disengage and re-engage accordingly. Note: it may be necessary to squeeze the cowl to compress the rubber gasket in order to get the pins to re-engage.

3.5 Tip: removal of any component that has latches can be made easier for a single person if the latch is opened to disengage the receiving pin then manually closed as shown in fig. 3.5 so the weight of the component does not cause the latch to continually re-engage on the receiver pin when you try to work the opposite side of the vehicle by yourself. Push at location “c” to close and pull at location “o” to open. Be sure to open latches before re-installing.

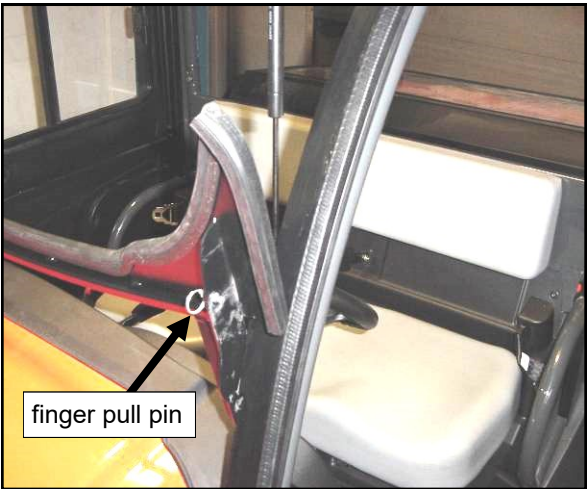


Fig. 3.4 (hood access)

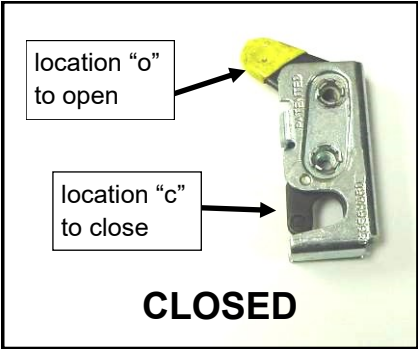


Fig. 3.5 (latch shown closed)

Troubleshooting the windshield

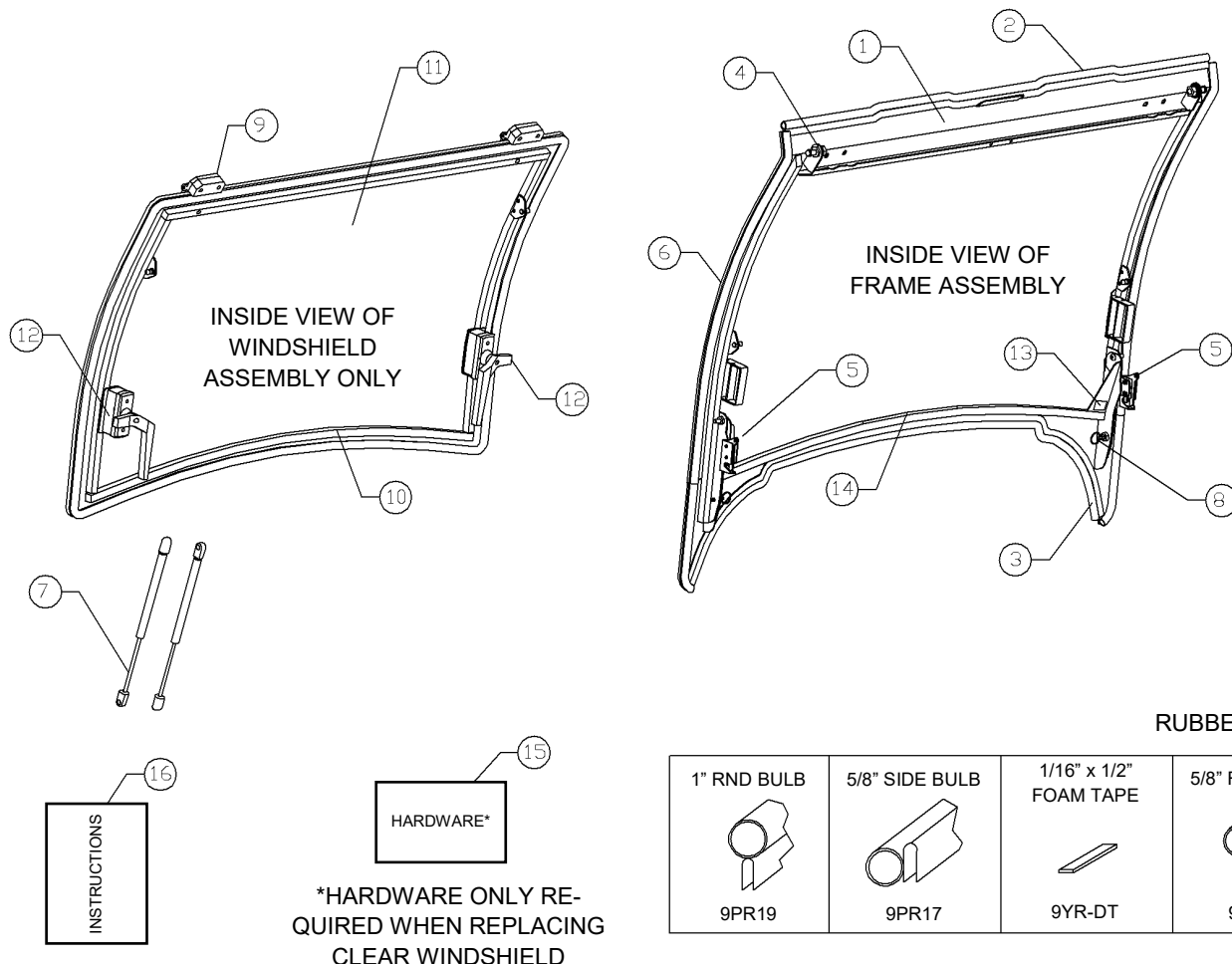
Condition:	Explanation/Solution
Latches will not double click	Be sure upper pins are fully seated in slots of upper mounts. Move latches backward in slots.
Gap along ROPS at bottom	Move latches forward.
Gap along ROPS at top	Move upper pins forward.
Gap along hood	Move latches forward. Move lower pins down. Move upper pins up.

# 77700-V4368 RTV520 WINDSHIELD KIT

## PARTS LIST

ITEM#:	PART NUMBER:	CODE NUMBER:	QTY/KIT:	DESCRIPTION:
1	77700-01046	KB5-03, KB5-04	1	WINDSHIELD FRAME BASE WITH COWL (STEEL)
2	77700-01048	9PRO2	1	5/8" BULB RUBBER (170") (TOP)
3	77700-03683	9PR19	1	1" BULB RUBBER (60") (COWL)
4	77700-01033	9DL01D-H	1	STRIKER PIN (SET OF 8)
5	77700-01021	9RFL	1	LATCHES (SET OF 2)
6	70000-01041	9PR17	1	SIDE BULB (180") (ALONG SIDES)
7	77700-01044	9GS02	1	GAS SPRING (SET OF 2)
8	77700-01043	KUB550-PP	1	SPRING PIN (SET OF 2)
9	77700-01041	9PHWS	2	WINDSHIELD HINGE WITH SPACER BLOCK
10	77700-01045	KB5-WSS	1	WINDSHIELD STIFFENER (STEEL ONLY WITH FOAM GASKET TAPE)
11	77700-01042	PCQ-WS2945	1	WINDSHIELD WITH RUBBER GASKET
12	77700-01040	9WL02S	1	TWIST STYLE LATCH (INCLUDES LEFT AND RIGHT SIDES)
13	77700-01060	CUR192	4	DECAL: WARNING: PINCH POINT
14	77700-01061	CUR193	1	DECAL: PULL PINS TO OPEN COWL
15	77700-01052	KU500WS-HWK	1	HARDWARE KIT (NEW SCREWS AND WASHERS FOR WINDSHIELD)

NOTE: WINDSHIELD IS SHOWN AS SEPARATE PARTS FOR ILLUSTRATION PURPOSES ONLY. WINDSHIELD IS SHIPPED AS A SINGLE ASSEMBLY.





# REAR PANEL KIT

(p/n: 77700-11822)

**Note: Mount Kit (p/n: 77700-V4310A) is required in order to install this rear panel kit.**

## NOTE:

- **All assembly procedures listed within this manual are generally representative of the machine model for which the manual is written.** Your machine may be configured differently, but the outline for the procedure should still be followed. For further support for any issues not covered within the pages of this manual, please contact your local Kubota representative.

4.1 Fig. 4.1 shows the contents of the rear panel kit.

Note: inside view of rear panel assembly shown.

4.2 Lift the dump bed. Per fig. 4.2, install the rear panel lower mount assembly as follows: insert the spring clip nut into the empty hole above the upper center seat back bolt (oriented so the threads are towards the front of the vehicle), temporarily remove the upper center seat back bolt, place the rear panel lower mount assembly in position and oriented as shown, re-install the original equipment seat back bolt into the lower slot. Use caution to avoid cross threading the threaded insert. Start thread engagement by hand. Install a new 1/4-20 x 3/4" long hex head flanged bolt into the middle slot of the assembly (engaging the threaded spring clip nut). Tighten both bolts.

4.3 Repeat Step 4.3 for all three brackets. For best results, do not remove all three bolts for the seat back at the same time.

4.4 Orient the rear panel assembly with striker pins toward the inside of the cab. Hook the two upper pins into the receiving slots in the rear of the upper mounts that are shown in figure 4.4. Connect the rear panel lower tabs to the three rear panel lower mounts with 1/4-20 x 3/4" flanged hex head bolts and nuts. Be sure top pins are fully seated and tighten the three bolts of the lower mount assembly.

4.5 Peel protective film off window.

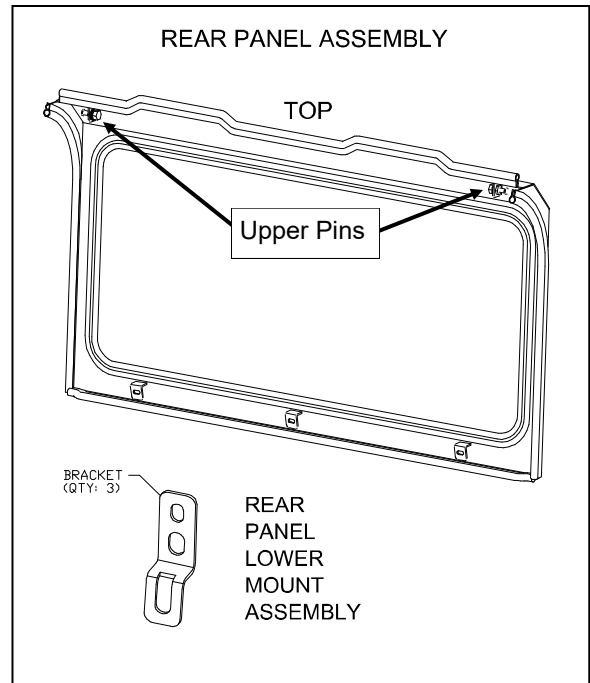


Fig. 4.1 (contents of rear panel kit)

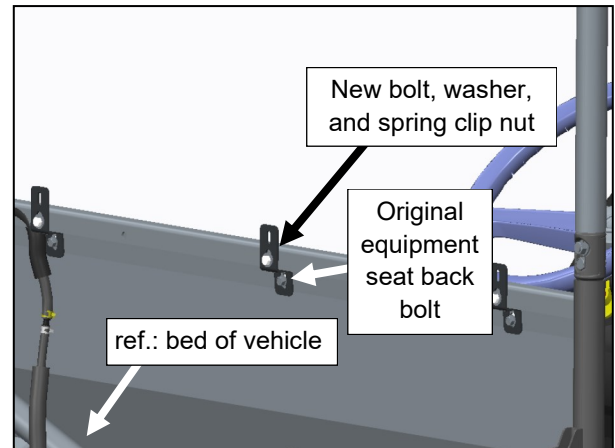


Fig. 4.2 (view from rear of passenger's side)

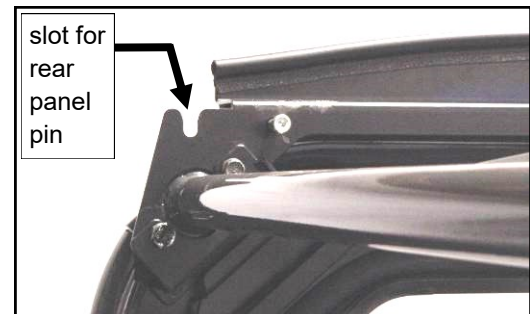


Fig. 4.4 (view of upper rear driver's side)

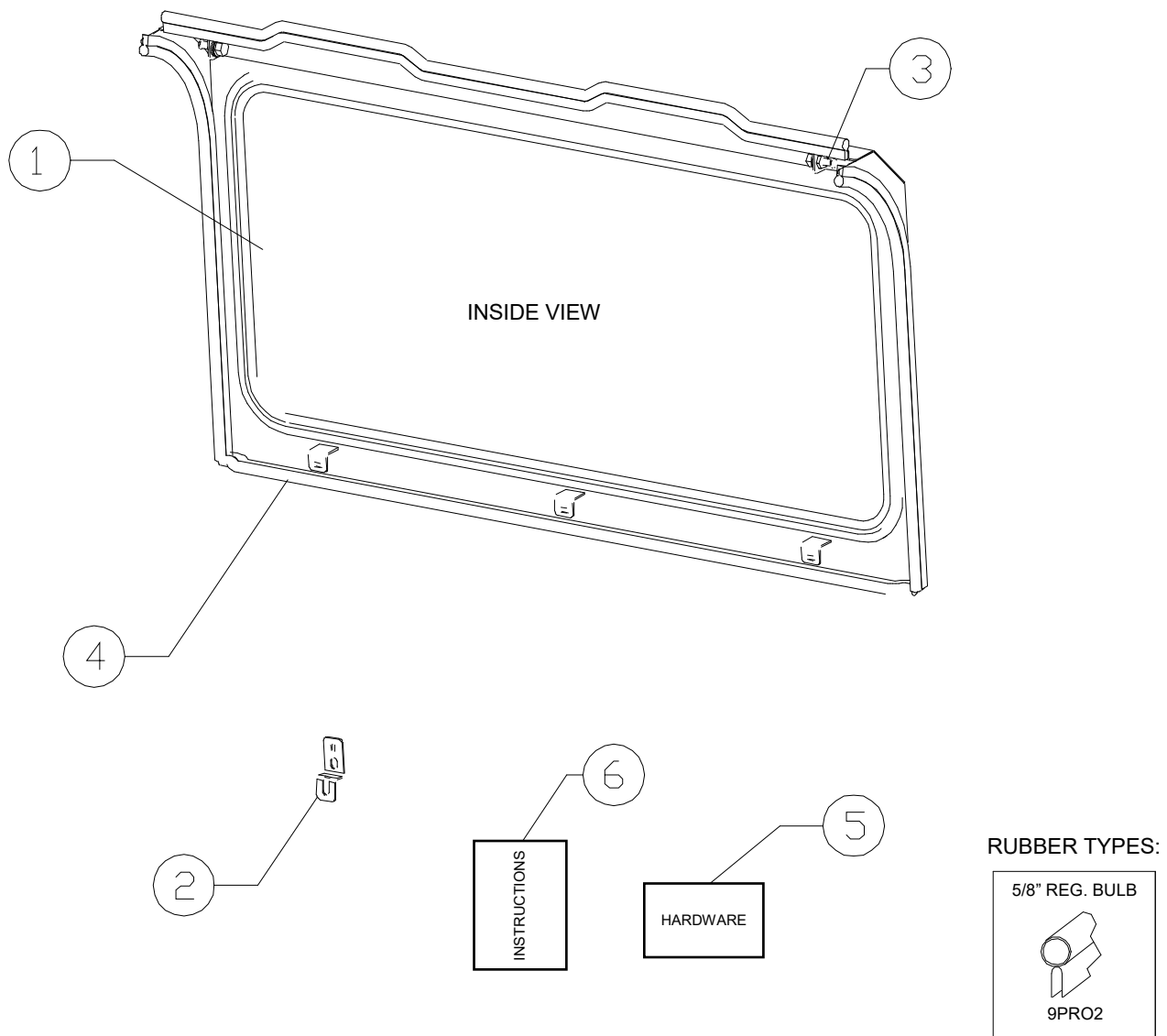
## Troubleshooting the rear panel

<u>Condition:</u>	<u>Explanation/Solution</u>
Gap along ROPS at top	Move lower mount outer bracket down.
Gap along ROPS at bottom	Move rear panel forward.
Rear Panel and Mount Ass'y. do not line up	Move lower mount outer bracket left or right.

# 77700-11822 RTV520 REAR PANEL KIT

## PARTS LIST

ITEM#:	PART NUMBER:	CODE NUMBER:	QTY/KIT:	DESCRIPTION:
1	77700-01047	1A-KB5RPWR	1	REAR WINDOW (INCLUDES 128" MOUNTING RUBBER)
2	77700-11992	8SV-SM-K520RPLM	1	REAR PANEL LOWER MOUNT
3	77700-01033	9DL01D-H	1	STRIKER PIN (SET OF 8)
4	77700-01048	9PRO2	1	5/8" BULB RUBBER (170")
5	77700-12000	9SV-KU520RP-HWK	1	REAR PANEL HARDWARE KIT
6	77700-11999	9SV-IM-KUB520	1	RTV 520 CAB INSTALLATION INSTRUCTIONS



# ROOF KIT

(p/n: 77700-V4312)

**Note: Mount Kit (p/n: 77700-V4310A) is required in order to install this roof kit.**

## NOTE:

- **All assembly procedures listed within this manual are generally representative of the machine model for which the manual is written.** Your machine may be configured differently, but the outline for the procedure should still be followed. For further support for any issues not covered within the pages of this manual, please contact your local Kubota representative.

5.1 Fig. 5.1 shows the only item included in the roof kit. Note: underside view of roof assembly shown.

5.2 Orient the roof so the two quick attach pins are facing forward and the latches are facing the rear of the vehicle. Hook the pins into the receiving slots towards the front of the upper mounts and push down and forward to fully engage in the slots. See fig. 5.2 for the correct slots to engage in. Snap the latches onto the pins located on the rear of the upper mounts until they are fully engaged. Two (2) clicks means fully engaged.

5.3 To achieve a better seal or to achieve a “double click”, the latches can be adjusted up or down. The pins can be adjusted in all directions due to an oversized hole.

5.4 Tip: removal of any component that has latches can be made easier for a single person if the latch is opened to disengage the receiving pin then manually closed as shown in fig. 5.4 so the weight of the component does not cause the latch to continually re-engage on the receiver pin when you try to work the opposite side of the vehicle by yourself. Push at location “c” to close and pull at location “o” to open. Be sure to open latches before re-installing.

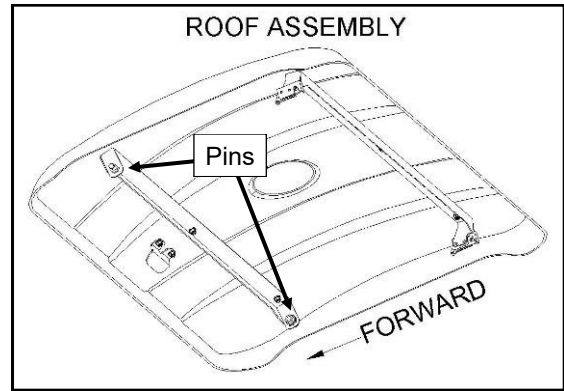


Fig. 5.1 (contents of roof kit)

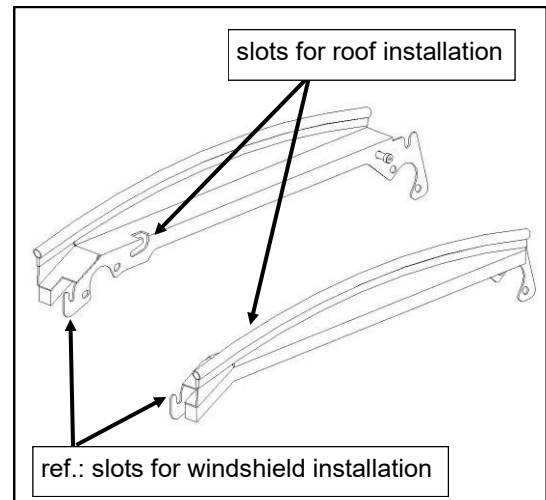


Fig. 5.2 (description of slot usage)

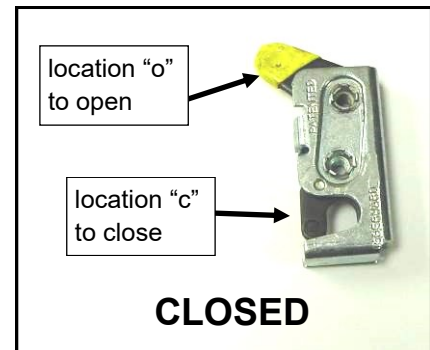


Fig. 5.4 (latch shown closed)

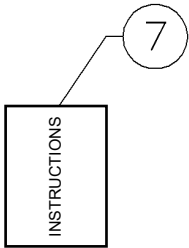
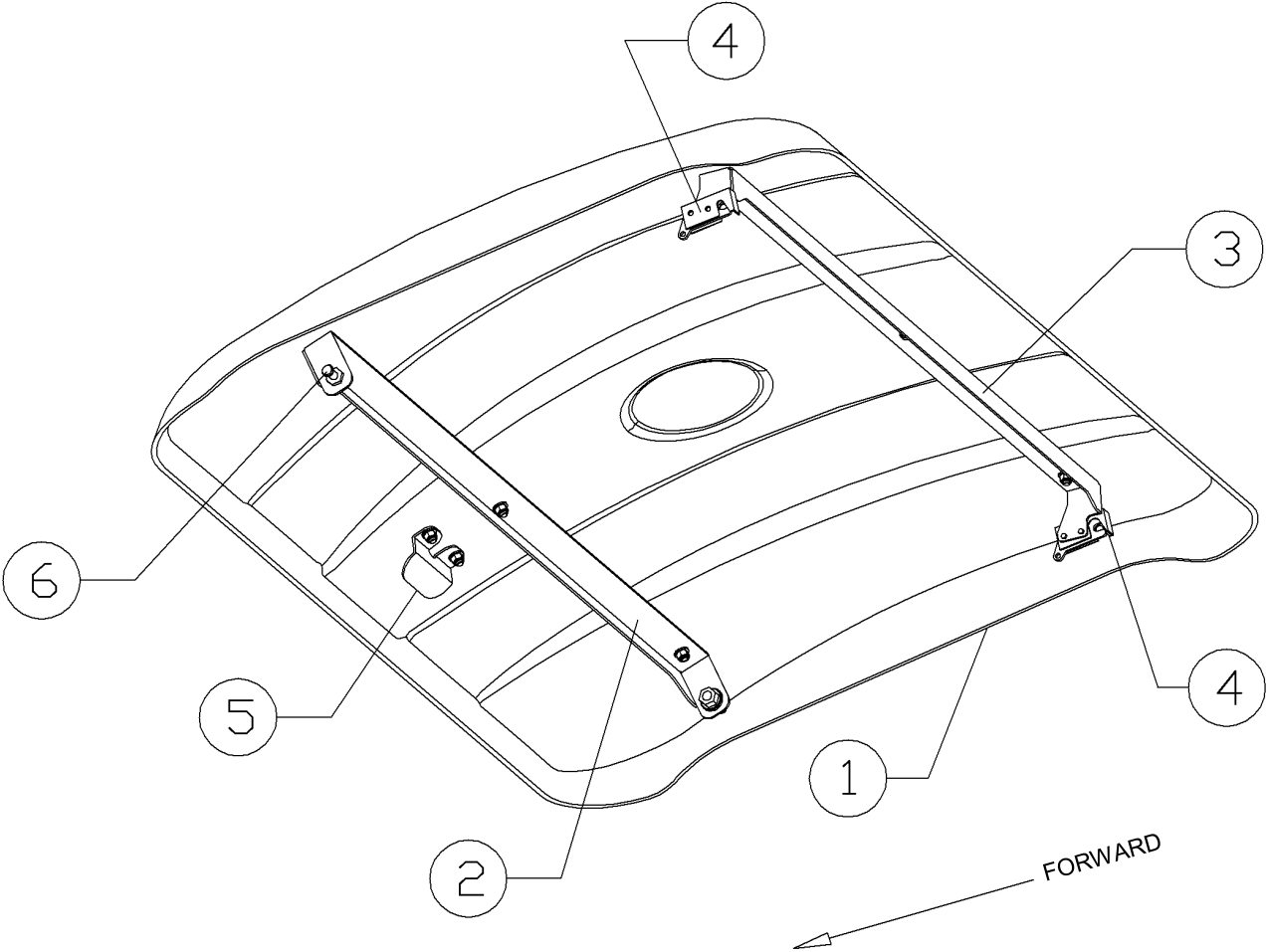
## Troubleshooting the roof

<u>Condition:</u>	<u>Explanation/Solution</u>
Latches will not double click	Move latches down. Make sure bulb rubber along top side is seated down fully onto sheet metal edges
Won't seal along top	Move latches up. Move front pins up.
Too tight along top	Move latches down. Move front pins down.
Latch and pin doesn't line up	Move front pins forward or backwards. Move upper windshield pins backward.

77700-V4312 RTV520 ROOF KIT

PARTS LIST

ITEM #:	PART NUMBER:	CODE NUMBER:	QTY/KIT:	DESCRIPTION:
1	77700-01020	RTV400-1	1	ROOF
2	77700-01023	SM-KB5RFFMNT	1	ROOF MOUNT FRONT
3	77700-01024	SM-KB5RFRMNT	1	ROOF MOUNT REAR
4	77700-01021	9RFL	1	LATCHES (SET OF 2)
5	77700-01064	SM-KB5RFFTAB	1	FRONT ROOF TAB
6	77700-01033	9DL01D-H	1	STRIKER PIN (SET OF 8)
7	77700-11999	9SV-IM-KUB520	1	RTV 520 CAB INSTALLATION INSTRUCTIONS



UNDERSIDE VIEW OF ROOF ASSEMBLY

### 3. FINISHING TOUCHES

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- 6.1 Peel protective film from windows and door decals.
- 6.2 Install the gas shock to the top of the frame and door as shown in figure 6.2 so that the quick release end of the gas shock (end with the red thumb tab) is attached to the cab upper mount for easy removal of the doors.
- 6.3 Install the supplied ROPS decal shown in figure 6.3 to the inside surface of the driver's side ROPS tubing as shown. Apply to a clean, dry surface at room temperature.
- 6.4 Install the supplied Seal Kit per the instructions in that kit.
- 6.5 Install any optional, separately purchased accessories per the installation instructions included with the specific kit (i.e.: windshield wiper, work lights, strobe light, etc.)

Windshield Wiper p/n V4367

Work Lights p/n V4339

Strobe Light p/n V4318

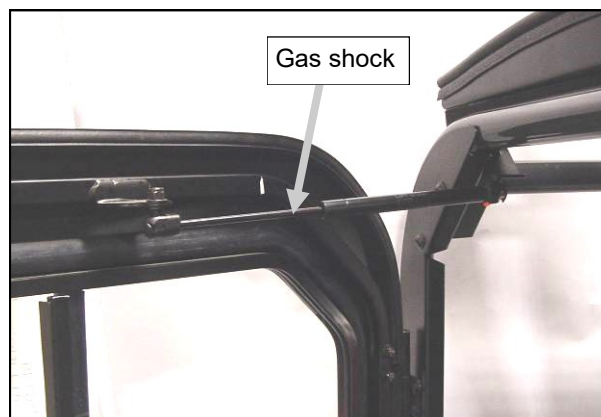


Fig. 6.2 (view of passenger's side door)



Fig. 6.3 (view of driver's side rear ROPS tube)



# CARE AND MAINTENANCE

**(IMPORTANT: Be sure to leave this page with the owner once installation is complete)**

Check and tighten hardware after 20 hours of operation.

Periodically inspect and tighten hardware for the remainder of the unit's service life.

## IMPORTANT CLEANING INFORMATION

Keep the enclosure components clean in order to prevent dust and dirt from forming an unattractive film. The life of your windows, doors, and roof panels depends upon following these care procedures:

### **WINDOWS:**

- 1) **NEVER USE** AN ALCOHOL-BASED PRODUCT FOR CLEANING. Many brand-name glass cleaners contain alcohol that will result in deterioration of windows.
- 2) Wash with a mild soap or detergent using your bare hands to free or dislodge any caked-on dirt or other foreign particles.
- 3) A soft, grit-free cloth, sponge, or chamois may be used but only as a means of carrying water to the windows.
- 4) 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.
- 5) Grease and oil may be removed with kerosene.
- 6) Plastic cleaners and can be used to remove light scratches.

### **DOORS AND ROOF PANELS:**

- 1) **NEVER USE** AN ABRASIVE DETERGENT/VEHICLE CLEANER OR A WIRE BRISTLED BRUSH. Do not use any **CITRUS BASED CLEANERS** such as orange or lemon. Use of these products will cause the plastic to become permanently damaged.
- 2) Clean the plastic enclosure surfaces thoroughly with warm soapy water and a COTTON cloth or chamois. Be sure to use mild soap, specifically a dish liquid or equivalent. Clean in a light circular motion for best results.
- 3) Use EXTRA CAUTION when cleaning the interior of the enclosure. The interior is more sensitive than the exterior because the exterior has an extra coating for U.V. stability.
- 4) Remove grease and oil with mineral spirits and a COTTON cloth or chamois.

**This manual is the property of the owner.  
Be sure to leave with the owner when installation is complete.**