

KUBOTA L3302 and L3902 Premium Cab (p/n: 1KL02PR)

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.

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: 2 to 3 HOURS (excluding accessories)



Available Options:

Front LED Work Lights (P/N: 9LEDW4)

Rear Wiper: 9PWK85 Heater: 9PH20S60

Rev. A, 03/01/2023

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.



A 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.

CAB INSTALLATION BEFORE YOU START

HELPFUL HINTS:

- A. Refer to parts diagram toward the back of this manual 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.
- Read and understand all instructions before beginning.
- D. Plastic washers have been supplied to provide a weather seal under the heads of all 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. Also use steel washers as required. Tip: the black plastic washers can be difficult to distinguish from the black steel washers. Use a magnet or look for round witness marks left on the plastic washers from the mold ejector pins.
- E. Apply a clear silicone sealant to seal any minor gaps that may occur due to vehicle variations.
- F. Use caution to avoid damaging the factory installed threaded inserts. Begin the bolt engagement by hand to guard against potential cross threading.

TOOLS REQUIRED:

Set of standard and metric sockets Set of standard and metric open-end wrenches Scissors Shears Tape Measure Bar Clamp

One Phillips Head Screwdriver One 3/8" Drive Ratchet One 1/2" Socket (3/8" drive) One Swivel Extension (3/8" drive) Set of standard Allen Wrenches

1. VEHICLE PREP.

- 1.1 Per figures 1.1 and 1.1a, remove the grab handles from both sides of the tractor as shown. The grab handles do not get re-installed with the cab in place. Save for reuse should the cab ever be removed.
- 1.2 Per fig. 1.2, remove the toolbox from the ROPS (roll-over protective structure). The tool box does not get re-installed with the cab in place. Save for re-use should the cab ever be removed.
- 1.3 Unplug and unbolt the hazard lights (one from each side of the tractor). Save for re-installation in step 14 on page 11.
- 1.4 Position the rear panel on top of the fenders oriented so the upper bent flange is pointing towards the front of the tractor. Otherwise skip to the next step.

2. SIDE FRAMES

- 2.1 Temporarily remove the doors from the side frames for ease of handling. Open the door and lift up and off the pin hinges on the side frames.
- With assistance, install the right side frame per 2.2 Fig. 2.2. Use the following hardware to attach the right side frame to the floor of the tractor: two 5/16" x 3/4" long hex flange bolts and two flange locknuts. The heads of the bolts are to be up top as shown in fig. 2.2a (flange locknuts underneath the tractor). Tighten the bolts one turn shy of fully tight. Note: the use of a swivel extension and a standard length socket (not long) would be helpful for the tight quarters under the tractor floor. Repeat for left side frame but use a 1/4-20 x 3/4" hex flange bolt, 1" fender washer (on top of the floorboard), and 1/4-20 hex locknut in the front floorboard mounting hole. Use an additional set of 1/4-20 x 3/4" hex flange bolt, 1" fender washer, and 1/4-20 nut to fill in the extra slot at the front of the left floorboard.

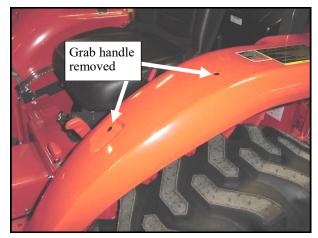


Fig. 1.1 (View from left side of tractor)



Fig. 1.1a (Grab handle)

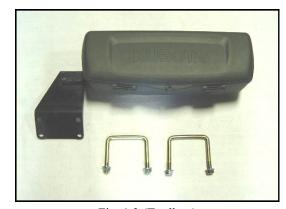


Fig. 1.2 (Toolbox)

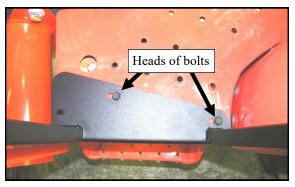


Fig. 2.2a (Bird's-eye view of left side of tractor)

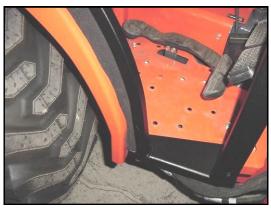


Fig. 2.2 (View from right side of tractor)

3. WINDSHIELD SUPPORT

3.1 Per fig. 3.1, and with assistance, install the windshield support oriented so the decals are legible from the driver's seat. Use the following hardware to attach the support to each side frame: a 5/16" x 3/4" long hex flange bolt, plastic washer, and flange locknuts. Tip: the black plastic washers can be difficult to distinguish from the black steel washers. Use a magnet or look for round witness marks left on the plastic washers from the mold ejector pins. The heads of the bolts are to be outboard as shown (locknuts inside the cab). Do not tighten the bolts. Repeat for left side frame attachment.

4. REAR PANEL

- 4.1 See fig. 4.1. Use the following hardware to attach the hard rear panel to the back side of the side frames at location "A" (2 places per side of tractor): four 5/16" x 3/4" long hex flange bolts, four plastic washers, and four flange locknuts. Do not tighten the bolts. Repeat for right side frame.
- 4.2 Install an additional four (2 per side) 5/16" x 3/4" long hex flange bolts, plastic washers, and flange locknuts in the top and bottom holes of the rear panel to further attach to the left and right side frames.

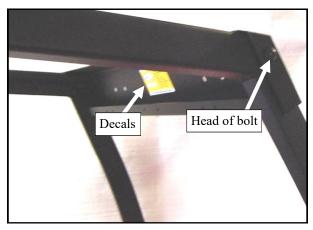


Fig. 3.1 (View from right side of tractor)

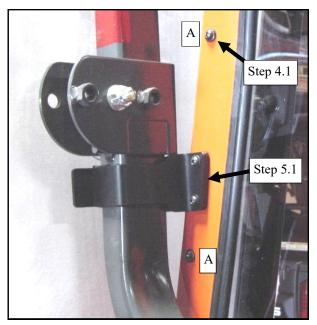


Fig. 4.1 (View of left side of tractor) (Lower roll bar mount shown here)

5. UPPER AND LOWER ROLL BAR BRACKETS & MOUNTS

- 5.1 See page 15 for left versus right hand parts. Have an assistant lift up on the back of the side frames (see fig. 5.1a) and pull the front back when installing the roll bar brackets. This will keep the cab from sagging towards the back and rotating forward which can create an interference with the loader mounting brackets. Per figure 5.1b, install the lower roll bar brackets using the following hardware per side of the tractor: two 5/16" x 1-1/4" long button head bolts, two steel washers, and two flange locknuts. The bolt heads should be towards the front of the vehicle. Do not tighten the bolts.
- 5.2 Per fig. 5.2, install the <u>upper</u> roll bar brackets using the following hardware per side of the tractor: four 5/16" x 1-1/4" long button head bolts, four steel washers, and four flange locknuts. The bolt heads should be towards the front of the vehicle. Do not tighten the bolts.

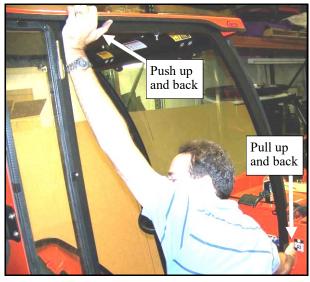


Fig. 5.1a (View of right side of tractor)

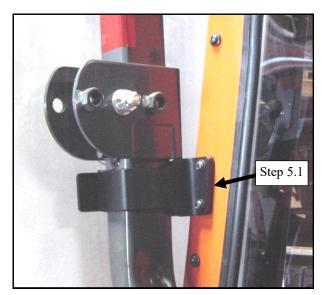


Fig. 5.1b (View of left side of tractor) (<u>Lower</u> roll bar mount shown here)



Fig. 5.2 (View of left side of tractor) (Upper roll bar mount shown here)

6. COWL

- 6.1 Per fig. 6.1, install the cowl over the hood of the tractor oriented so the upper flanges are inside the cab (pointing towards the rear of the tractor). Fasten the cowl to the side of the left side frame using the following hardware: four 5/16" x 3/4" long hex flange bolts and four plastic washers. Use caution to avoid cross threading the factory installed threaded inserts. Begin the thread engagement by hand. Do not tighten bolts.
- 6.2 Per fig. 6.2, attach the right side of the windshield cowl using care to not damage the factory installed weatherseal inside the bent flanges where indicated on the photo. Use the following hardware: two 5/16" x 3/4" long hex flange bolts and two plastic washers.



Fig. 6.1 (View from left rear side of tractor)

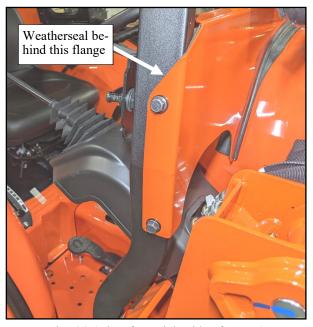


Fig. 6.2 (View from right side of tractor)

7. RIGHT FRONT LEG

- 7.1 Per fig. 7.1, install the right front leg to the side of the right side frame using care to not damage the factory installed weatherseal inside the bent flanges where indicated on the photo. Use the following hardware: two 5/16" x 3/4" long hex flange bolts and two plastic washers. Do not tighten bolts.
- 7.2 Per fig. 7.2, use the following hardware to connect to the bottom of the side frame: a 5/16" x 3/4" long hex flange bolt, plastic washer, and flange locknut. Bolt head to be up top and locknut underneath the floor. Do not tighten bolt.

8. WINDSHIELD

- 8.1 See fig. 8.1a. Have the following items ready: four 5-16" x 1-1/2" long flat head bolts, four flange locknuts, and two 5/8" thick plastic spacer blocks. With assistance, install the windshield hinges to the windshield support with the two spacer blocks between the hinge and the windshield support. Attach the windshield latches to the windshield latch receivers on the cowl by squeezing the spring-loaded pin ends and fitting them in place into the receiving holes. See fig. 8.1b.
- 8.2 Lift up on the bottom of the windshield and close the latches. Check the alignment of the windshield with the side frames and tighten the hinge hardware.
- <u>CAUTION:</u> hinges are plastic components with countersunk holes. Do not overtighten hardware. Torque to 7 foot-pounds max..



Fig. 7.1 (View from right side of tractor)

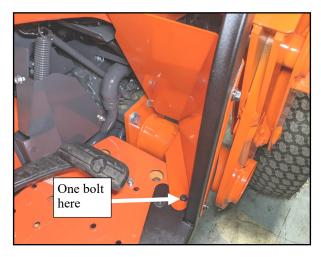


Fig. 7.2 (View from right side of tractor)



Fig. 8.1b (View from left rear side of tractor)

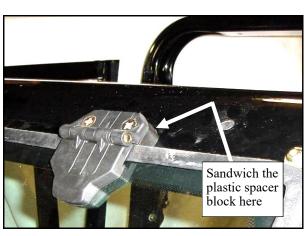


Fig. 8.1a (View from left front side of tractor)

9. ROOF

- 9.1 Per fig. 9.1, keep the windshield support tight against the side frame tubing (downward also) and tighten the two bolts (one per side). Use bar clamps as shown if necessary.
- 9.2 Use a Phillips head screwdriver to punch a hole through the headliner at all the covered bolt hole locations in the roof (11 places). Punch holes from the inside out to avoid having the headliner pull away from its glued surface.
- 9.3 Per fig. 9.3, and with assistance, install the roof oriented so the narrowest portion (with just the three bolt holes) is towards the rear of the tractor and fits between the ROPS. Use the following hardware: eleven 5/16" x 3/4" long hex flange bolts, 11 plastic washers, and 11 flange locknuts. Flange locknuts to be on the inside of the cab. Note: the last holes to receive bolts should be the two rear corner holes (one per side). Install hardware and tighten all eleven roof bolts.

10. TIGHTEN ALL BOLTS

- 10.1 Per fig. 10.1, keep the cowl tight against the side frame tubing and tighten the bolts (two per side). Use bar clamps as shown if necessary.
- 10.2 Tighten all the other cab bolts at this time (including the floorboard bolts, roll bar bracket bolts, front leg bolts, etc.).

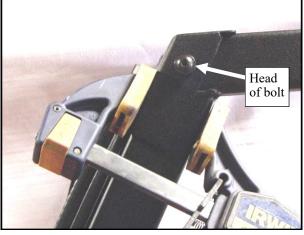


Fig. 9.1 (View from left side of tractor)

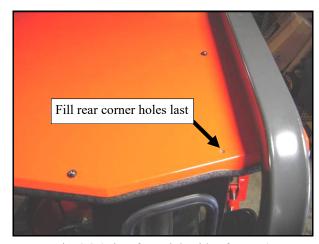


Fig. 9.3 (View from right side of tractor)



Fig. 10.1 (View from left side of tractor)

11. UNDER SEAT FILLER

11.1 Pre-install the supplied Velcro to the under seat filler. Leave the release tape on until the filler is in place. Figures 11.1a and 11.1b show the underseat filler installed. Begin installation by doing a dry fit to get a feel for where all areas fit best. The drive control lever cover panel can be removed for ease of installation. Start by lining up the top rear edge with the bottom of the rear panel (install the supplied mating velcro along the lower inside portion of the hard rear panel). Make sure the areas where the supplied self-adhesive hook velcro will be applied are clean and dry and at room temperature for best adhesion. Apply the corresponding velcro where deemed necessary and to match the velcro on the vinyl filler. Note: If additional control levers are installed, cut slits into the underseat filler to fit.



Fig. 11.1a (View from left side of tractor)

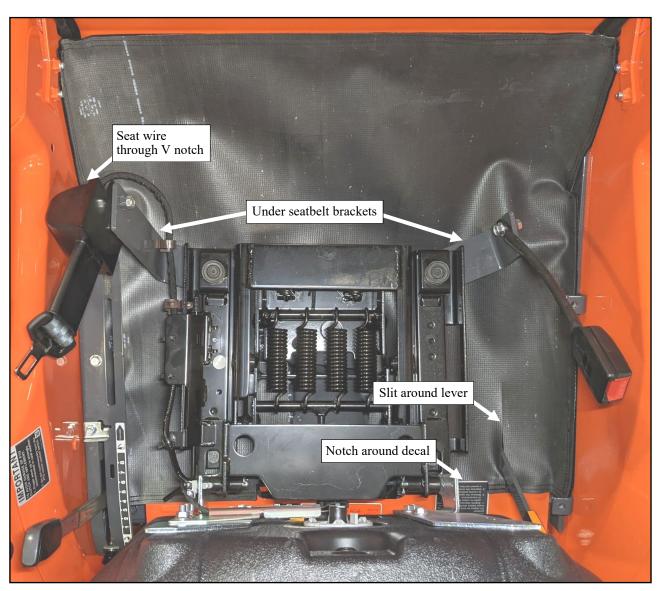


Fig. 11.1b (Underseat filler) (Speed control lever cover removed for clarity)

12. FRONT FILLER

12.1 Pre-install the supplied Velcro to the front filler. Leave the release tape on until the filler is in place. Figures 12.1a, b, and c show the front filler in place. Begin by decoupling the brake pedals and sliding the filler over the right side brake pedal. Then, do a dry fit to get a feel for where all areas fit best. Example: how much overlap is there on the inside surfaces of the cowl, etc.. Start securing the filler at the parking lever decal and work your way around each side. Make sure the areas where the supplied self-adhesive hook velcro will be applied are clean, dry, and at room temperature for best adhesion. Apply velcro to the tractor where deemed necessary and to suit.

NOTE: On gear drive vehicles, the filler will have to be cut to fit the pedals, parking brake lever, and shifter.



Fig. 12.1a (View from left of tractor)



Fig. 12.1b (View from seat of tractor)



Fig. 12.1c (View from right side of tractor)

13. LOADER VALVE FILLER

13.1 Pre-install the supplied Velcro to the loader valve filler. Leave the release tape on until the filler is in place. Per figures 13.1a and b, install the orange vinyl filler oriented so the seam is outboard as shown (closest to the right side frame tube). Apply velcro where deemed necessary and to suit. The bottom edge should be on the outside of the right front leg, while the rest of the edges should be on the inside of the cowl and side frame. Make sure the areas where the supplied self-adhesive hook velcro will be applied are clean, dry, and at room temperature for best adhesion.

14. LIGHTS

14.1 Per fig. 14.1, re-install the two orange hazard lights using the supplied extension wires and light mount (one per side) along with the following hardware: one 3/8" x 1" long hex head bolt, two flat steel washers, and one locknut. Tighten bolt. Repeat for right side of tractor.

Note: The light is grounded through the mounting base. Grind a little bit of the paint off the light mount to ensure proper electrical connection.



Fig. 13.1a (View from right side of tractor)

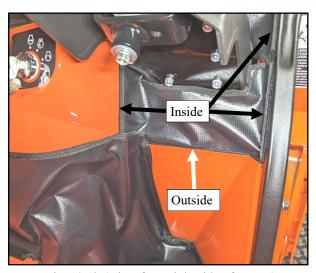


Fig. 13.1b (View from right side of tractor)

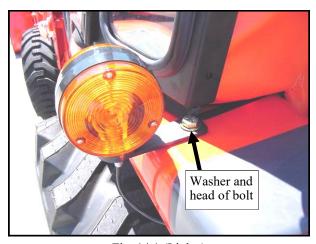


Fig. 14.1 (Lights)

15. DOORS

15.1 Apply grease to the pin hinges. With assistance, reinstall the doors onto the pin hinges. Work the doors back and forth until the hinges are completely seated.

Specific adjustments can be made per steps 15.2 and 15.3. Note: top of door should end up visually parallel with side of roof. 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.

- 15.2 Per fig. 15.2, the large striker bolt and nut can be loosened and reset higher or lower or in or out for better engagement in the door latch assembly if necessary. Use two 19mm open-end wrenches. Note: finger guard to end up being centered and facing inward.
- 15.3 Per fig. 15.3, the 1/4-20 flange hex head bolts on the door hinges can be loosened on the rear tube, or on the door itself, or in both places, in order to slightly rotate the door up or down as necessary for proper latch assembly and striker bolt engagement. Note: an assistant will be needed for this step. Keep the hinge sleeves fully seated on the pin hinges. Tighten all hinge bolts using caution to **not** over tighten. Over tightening will crush (damage) the structural tubing. **Torque to 40 inch/pounds.**

<u>CAUTION:</u> FOR SAFE OPERATION, DO NOT DRIVE WITH DOORS OPEN. MAKE SURE DOORS ARE CLOSED AND PROPERLY LATCHED WHEN DRIVING.

16. LUBRICATION

16.1 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).

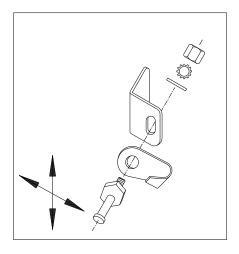


Fig. 15.2 (Striker bolt)

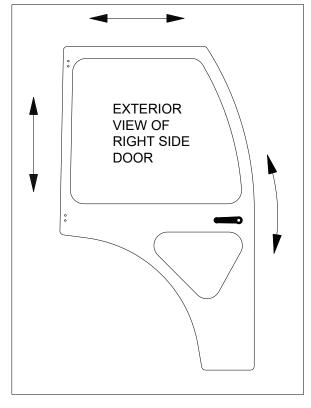


Fig. 15.3 (Right side door)

17. FINISHING TOUCHES

- 17.1 Install the gas shock to the frame and door with the small piston end towards the door.
- 17.2 Peel protective film from any applicable windows.
- 17.3 Note: extra hardware has been provided in case they get lost. Discard extras such as washers, etc.
- 17.4 Install the front windshield wiper per the installation instructions included with the wiper kit.
- 17.5 Apply the supplied decals to the fenders and rear panel as shown in figures 17.5a and 17.5b.
- 17.6 Cover the open grab handle mounting holes, and any other open fender holes, with the supplied round orange decals.
- 17.7 Additional optional equipment available: Work Lights, Heater, and Rear Window Wiper.

18. CARE AND MAINTENANCE

- 18.1 Check and tighten hardware after 40 hours of operation. Periodically inspect and tighten hardware for the remainder of the unit's life.
- 18.2 Wash the painted surfaces of the unit with commercial automotive cleaning products.
- 18.3 Clean windows with glass cleaner.

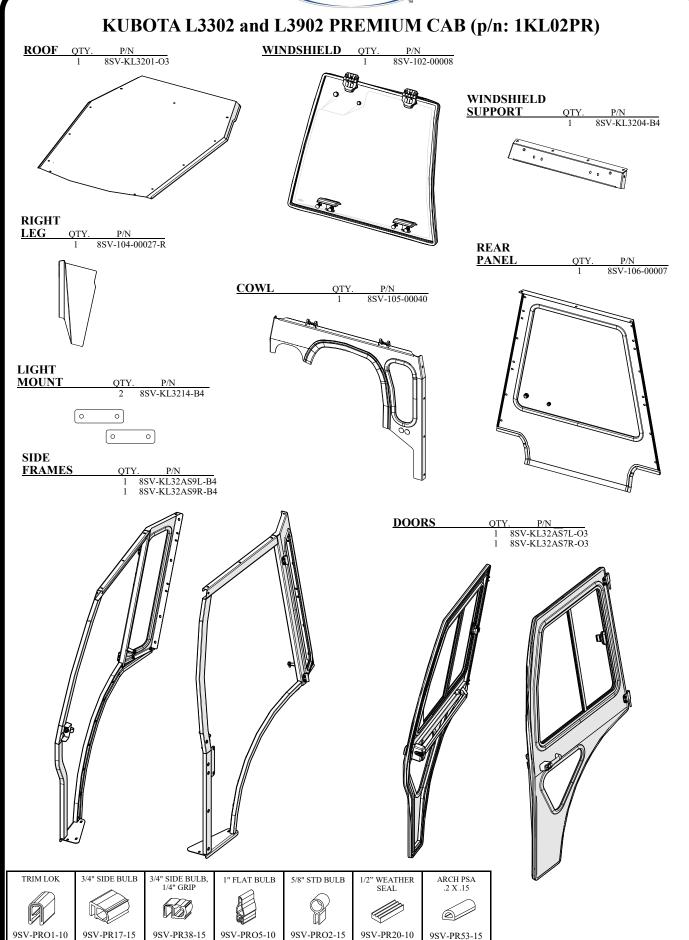


Fig. 17.5a (Left fender)



Fig. 17.5b (Right fender and rear panel)



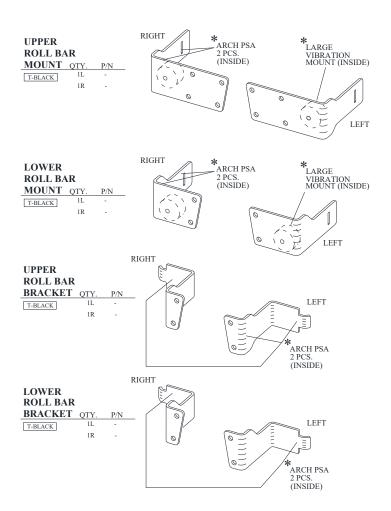


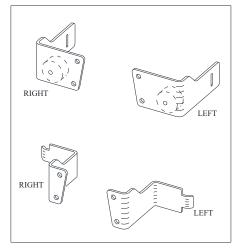


KUBOTA L3302 and L3902 (Additional components)

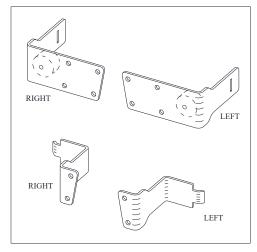
NOTE: THE TOP EIGHT (8) ITEMS ARE NOT SOLD SEPARATELY. ONLY SOLD IN 4-PIECE KITS AS SHOWN AT THE BOTTOM OF THIS PAGE.

(more components shown on next page)





KIT SERVICE PART NO. AND DESCRITION: LOWER ROLL BAR MOUNT SET P/N: 8SV-110-00012

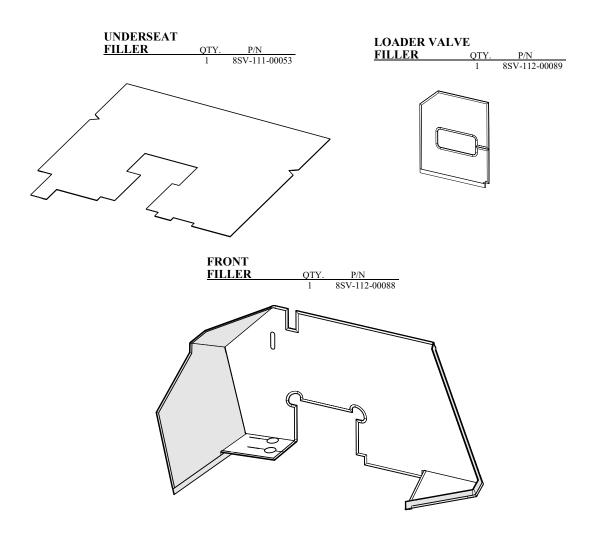


KIT SERVICE PART NO. AND DESCRITION: UPPER ROLL BAR MOUNT SET P/N: 8SV-KL3212-B4





KUBOTA L3302 and L3902 (Additional components)



ADDITIONAL SERVICE PARTS		
QTY:	P/N:	DESCRIPTION:
1	8SV-GL27X32	REAR PANEL WINDOW ONLY WITH RUBBER & INSERTS
1	8SV-GL6X33	SIDE FRAME WINDOW WITH RUBBER
1	8SV-SWL32L	LEFT DOOR SLIDER WITH RUBBER
1	8SV-SWL32R	RIGHT DOOR SLIDER WITH RUBBER
1	8SV-L32LD	LOWER DOOR WINDOW WITH RUBBER
1	8SV-P-00185	COWL WINDOW WITH RUBBER
1	9SV-GS03	GAS SPRING - 10" LONG (SET OF 2)
1	9SV-HSLP	DOOR HINGE KIT - LOW PROFILE
1	9SV-DL02	DOOR LATCH KIT - NON-LOCKING WITH GRAB HANDLE
1	9SV-OHRL	OUTSIDE HANDLE ROTARY LATCH KIT
1	9SV-GH	GRAB HANDLE KIT
1	9SV-HWSS	WINDSHIELD HINGE KIT WITH SHORT SPACER
1	9SV-WL1	WINDSHIELD LATCH KIT 1