



CAB INSTALLATION INSTRUCTIONS

JOHN DEERE 3000 SERIES (4200/4300/4400)

(4210/4310/4410) & (3120/3320/3520/3720)

HARD SIDED CAB ENCLOSURE (p/n 1JD3520AS)

SOFT SIDED CAB ENCLOSURE (p/n 1JD3520SS)

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



NOTE: hard sided cab shown with the following optional accessories: work lights and strobe light.

WARNING This Curtis Cab is designed and manufactured for use only as reasonable weather protection. This cab is not applicable. Nor should the cab be considered as protection against roll over, collision or other accidents that may result. This cab is **NOT** a R.O.P.S. cab. **Extreme** care should be taken when operating and by qualified, experienced operators only.

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.

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

Curtis Cabs feature an assembly of parts designed for your vehicle which require adjustment and alignment of components to accommodate vehicle variations and provide proper weather protection. For accurate installation, proper operation, and years of satisfaction, please read and understand the installation instructions.

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

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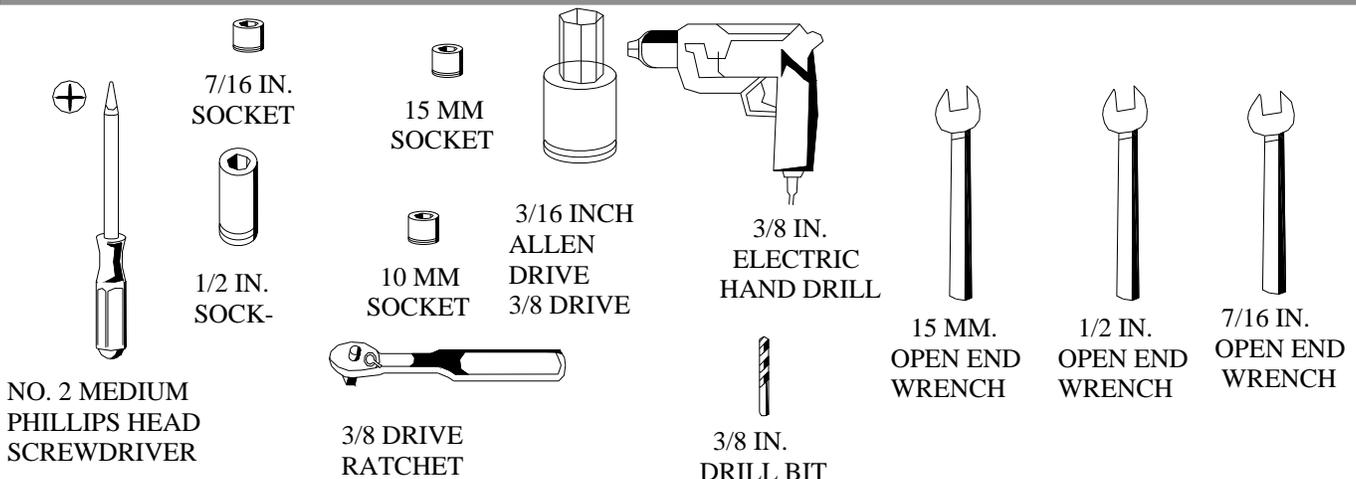
CAB INSTALLATION

BEFORE YOU START

HELPFUL REMINDERS:

- Leave all bolts loose for later adjustment unless otherwise specified.
- Read and understand all instructions before beginning.
- Plastic washers have been supplied to provide a weather seal around all exterior fasteners. 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 metal washers as required.
- Apply a clear silicone sealant to seal any minor gaps that may occur due to vehicle variances. For example, windshield cowl to unitized frames.

TOOLS REQUIRED:



1. VEHICLE PREP.

- 1.1 Remove grab handles (see fig. 1.1).
- 1.2 Remove, and save, the rear bolt and nut in each floorboard, as well as the three (3) plastic pins holding the floor mat down (see fig. 1.1).
- 1.3 Remove, and save, the long bolts attaching the fender to the roll bar on each side. See fig. 2.3 for bolt locations.
- 1.4 Tip driver's seat forward.

2. REAR PANEL ASSEMBLY

- 2.1 Pre-assemble lower rear panel, rear legs, and rear window support using a total of six (6) 3/4" long button head screws. (Note: the soft side version does not have a rear window support). See fig. 2.1 for the all steel pre-assembly. To attach the rear window support, use four 3/4" long button head screws, steel washers, and nylon washers. To attach the lower rear panel, use two 3/4" button head screws, steel washers, and nylon washers.
- 2.2 With assistance, and from the side of the tractor, place the pre-assembled unit behind the seat and in between the roll bar uprights. (Make sure the rubber seal that will rest on top of the fenders is facing outwards.) Secure the top of each rear leg to the roll bar using a roll bar bracket, 5/16" x 1" long carriage bolts, steel washers, and locknuts. See fig. 2.2. (Note: the rounded heads of the carriage bolts must be toward the inside of the roll bar.)
- 2.3 Secure the lower rear panel to the roll bar using the two bolts previously removed in VEHICLE PREP. step 1.3. (See fig. 2.3.)

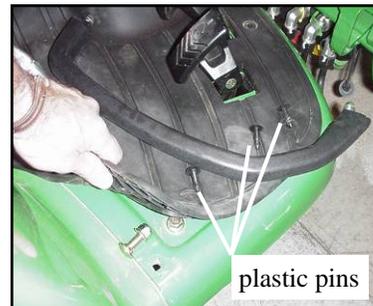


Fig. 1.1 Remove grab handle, bolt, and three plastic pins

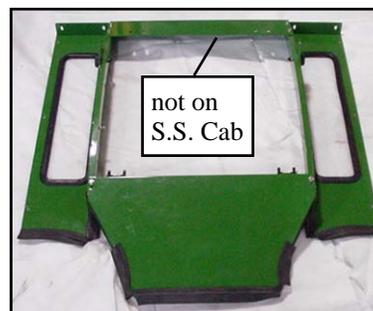


Fig. 2.1 Pre-assemble Lower Rear Panel, Rear Legs, and Rear Window Support

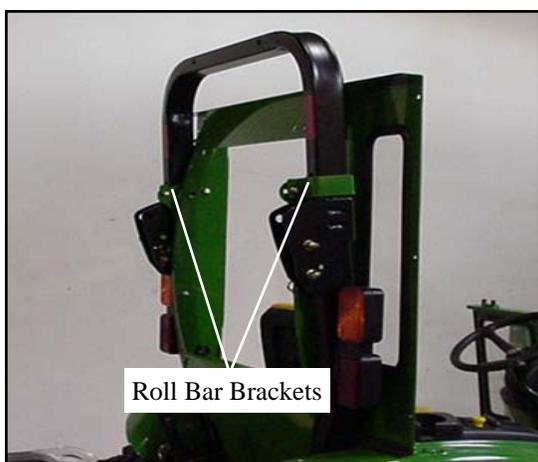


Fig. 2.2
Install Rear pre-assembled unit

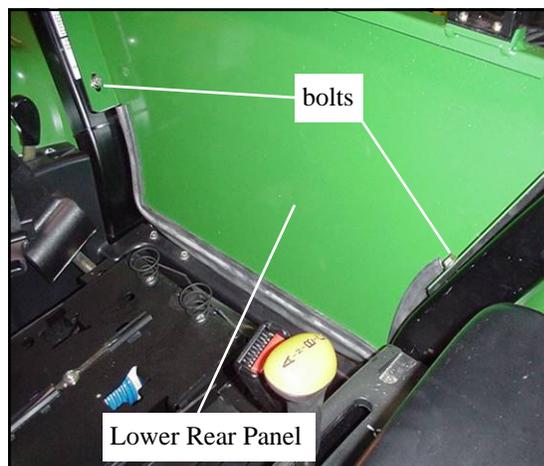


Fig. 2.3
Secure Lower Rear Panel

3. FRONT COWL

- 3.1 **For model 42/43/4410**, pre-assemble the cowl and the cowl insert using a total of four bolts (5/16-18 x 3/4" long), eight steel washers, four nylon washers, and four locknuts. Note: fig. 3.1 shows the cowl insert and which four holes to bolt up initially (bolt location "A"). Bolt the cowl insert to the inside surface of the cowl. Note: the cowl insert and the associated hardware is only required on model 42/43/4410 vehicles.
- 3.2 Next, bolt the front legs onto the inside surface of the cowl insert so that the cowl insert becomes sandwiched between the cowl and the front legs (bolt location "B"). Attach the front legs using a total of two bolts (5/16-18 x 3/4" long), four steel washers, two nylon washers, and two locknuts. Install 1" bulb rubber (approximately 52") along the sheet metal edges as shown in fig. 3.2. Trim any extra bulb rubber.
- 3.3 **For all 20 series models (example: 3120, etc.)**, pre-assemble the cowl and front legs (as shown in fig. 3.2) by fastening together at the inside hole only, using two 5/16" x 3/4" long button head screws, steel washers, nylon washers, and locknuts. Locknuts to be on the inside surface of the cowl assembly. Install 1" bulb rubber (approximately 52") along the sheet metal edges as shown in fig. 3.2. Trim any extra bulb rubber. Note: the cowl insert (shown in fig. 3.1) and the associated hardware is only required on model 42/43/4410 vehicles.
- 3.4 Place cowl assembly onto tractor (as shown in fig. 3.3) with the flap of bulb rubber extended inward towards the passenger's compartment.

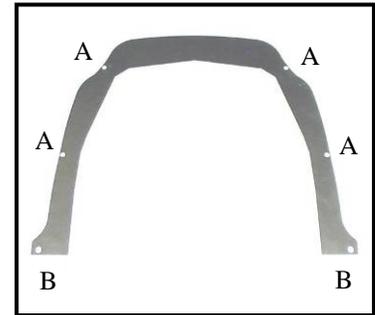


Fig. 3.1 4510 front cowl insert

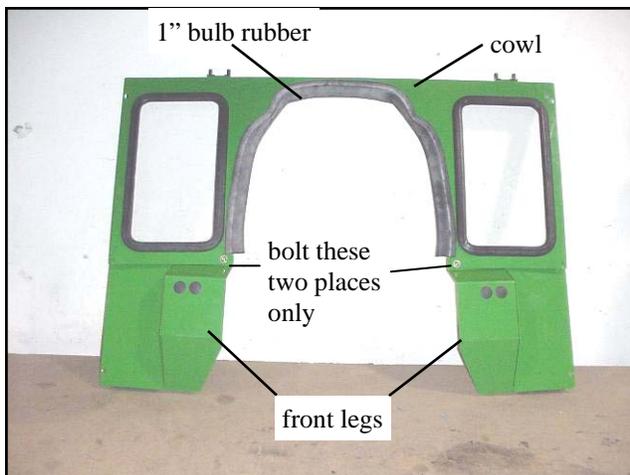


Fig. 3.2 20 series front cowl assembly (outside surface shown)



Fig. 3.3 front cowl installed (20 series shown)

4. SIDE FRAMES

- 4.1 Remove doors from side frames (for easier handling) by unlatching and sliding up and off the hinge pins..
- 4.2 Install left and right side frames to vehicle as shown in fig. 4.2. The bottom of the side frame is to be on top of the floorboard, but under the mat and the bottom flange of the front cowl assembly. Push the side frame back and reinstall the floorboard bolt and nut that was removed in VEHICLE PREP. step 1.2. The bolt is to pass through the bottom of the side frame and the floorboard.
- 4.3 Starting at the bottom bolt hole, attach frames to rear legs using 5/16 x 3/4" long button head screws, steel washers, and nylon washers. **NOTE:** On 3000 series tractors, the mount in the fender for the grab handle will cause the top of the frame to tip in. After installing the bottom bolt, the top of the frame can be easily pulled into place and the top bolt installed.
- 4.4 Install the front cowl to the side frames using 5/16 x 3/4" long button head screws, steel washers, and nylon washers.



Fig. 4.2 Install Side Frames

5. FRONT WINDSHIELD SUPPORT

- 5.1 Install the front windshield support to the side frames with the bent flange down. Install only the bottom two 5/16 x 3/4" long button head screws, steel washers, nylon washers, and locknuts. (see fig. 5.1) (Note: the top holes will get fasteners once the roof is installed.)

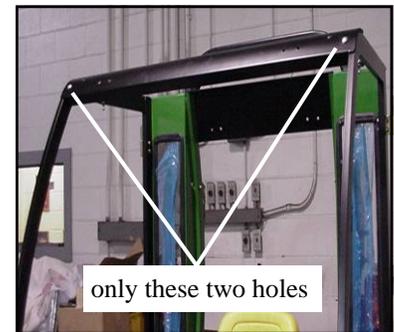


Fig. 5.1 Install Front Windshield Support

6. WINDSHIELD

- 6.1 With assistance, install the windshield to the windshield support (see fig. 6.1). Use four 5/16 x 1 3/4" long flat head screws and 3/4" thick plastic spacer blocks (placed between the plastic hinge and the windshield support as shown in fig. 6.1.1). Do not tighten.
- 6.2 To install windshield bottom latches into the cowl brackets, open windshield slightly. Grasp and squeeze the spring-loaded tabs and cradle latches into cowl brackets, aligning tab bosses with their respective mounting holes.
- 6.3 To close, grasp the windshield bottom edge and lift slightly while pushing closed. Fully close latches. Align sides of windshield with side frames and tighten hinges. **HINGES ARE PLASTIC COMPONENTS. DO NOT OVER TIGHTEN. TORQUE TO 7 FT./LBS. MAX.**



Fig. 6.1 Install Windshield



Fig. 6.1.1 Install Spacer Block

7. ROOF

- 7.1 With assistance, install roof as shown using 5/16 x 3/4" long button head screws, plastic washers, steel washers, and locknuts in all holes except the two front corners and the middle ones on the left and right sides (these two middle bolts do not require locknuts). Use 1" long bolts on the 2 front corners (see fig. 7.1).



Fig. 7.1 Install Roof

8. REAR WINDOW (hard side only)

- 8.1 See fig. 8.1. Install two (2) ball studs to the inner curved surface of the window (Note: the Phillips head portion of the screw is to be on the outside of the window.) The base of the ball stud goes against the inner surface of the window, with the boss sitting inside the window hole. Next, the plastic countersunk washer goes on the outside window surface. Bolt these components together, making sure that the ball portion of the ball stud is facing the outside edge of the window as shown in fig. 8.1.1 (so that the gas shocks will be as close to the edge of the window as possible.)

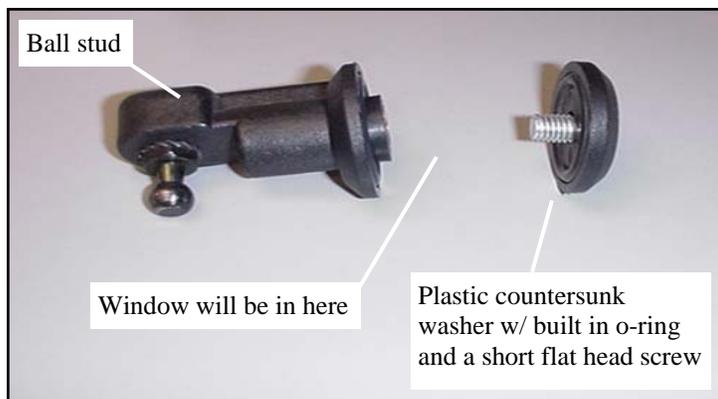


Fig. 8.1 Loose ball stud components



Fig. 8.1.1 Ball stud assembly view

8. REAR WINDOW (continued)

- 8.2 Install rear window using same procedure as windshield. Once aligned and tightened, open window and install gas springs to ball studs provided. Release latches from latch mounts and open window all the way in order to snap the gas springs onto the ball studs. (see figures 8.2, 8.2.1, & 8.2.2).
 Note: rear window has holes for optional wiper.
 Note: rear window can be opened for ventilation, or latches can be completely released to access rear attachments.

9. FLOORBOARD (drill hole)

- 9.1 Align holes in bottom of front legs with those on the bottom of the side frames. Use these lined up holes as a guide to drill an 3/8" hole through the tractor floorboard (see fig. 9.1). Fasten each side with a 5/16 x 3/4" long button head screw, steel washers, and locknut. Trim floor mat as necessary to lay flat over side frame, then re-install the plastic pins to secure the floor mat.

10. DOORS

- 10.1 Install doors onto hinges. (see fig. 10.1) Work the doors back and forth until the hinges are completely seated. (NOTE: the hinges, inside latch, and striker bolt can also be adjusted for proper engagement.)
 10.2 On hard sided cabs, install the gas springs to the frames and doors with the small piston end towards the door. (See fig. 10.2) Press the button on the compression fastener to lock the gas spring to the ball stud.
 10.3 On soft sided cabs, install the cable stops and hardware provided. Attach to the same mounting tabs as shown in fig. 10.2. **WARNING: Do not attempt to install gas springs on soft sided doors as this will cause damage to the doors!**
 10.4 Tighten all remaining bolts.



Fig. 8.2 Install Rear Window



Fig. 8.2.1 Release latches



Fig. 8.2.2 Install Gas Springs



Fig. 9.1 Drill out Floorboard



Fig. 10.1 Install Doors



Fig. 10.2 Gas spring installation for hard sided doors only

111 HIGGINS STREET, WORCESTER, MA

JOHN DEERE 3000 SERIES HARD & SOFT SIDED CABS

11. REAR CURTAIN (soft sided only)

- 11.1 Install rear curtain by snapping to the inside back vertical edge of the roof. See fig. 11.1.
- 11.2 (NOTE: adhesive backed velcro should be applied to a clean, dry surface at room temperature.) Apply self adhesive hook velcro, as needed, along the rear legs and rear panel. Adhere rear curtain to newly applied velcro strips.

12. FINISHING TOUCHES

- 12.1 Install wiper motor per instructions included with the kit.
- 12.2 Install 5/16" plastic nut covers on all interior locknuts. Install two 1/4" plastic nut covers on rubber bumper locknuts on rear legs (see fig. 12.2 for location).
- 12.3 Install **10 series** vinyl fillers as shown in figure 12.3 for 42/43/4410 series tractors by applying self adhesive hook velcro, as needed, along the hood and front legs. (NOTE: adhesive backed velcro should be applied to a clean, dry surface at room temperature.) (NOTE: left, driver's side shown, repeat for opposite side.)
- 12.4 Install **20 series** vinyl fillers as shown in figure 12.4 for 31/33/35/3720 series tractors by applying self adhesive hook velcro, as needed, along the under dash area and front legs. (NOTE: adhesive backed velcro should be applied to a clean, dry surface at room temperature.) (NOTE: left, driver's side shown, repeat for opposite side.)



Fig. 11.1 Rear Curtain



Fig. 12.2 Rear Curtain

Care and Maintenance Instructions

- * Check and tighten hardware after 40 hours of operation. Periodically inspect and tighten hardware for the remainder of the unit's life.
- * Wash the painted surfaces of the unit with commercial automotive cleaning products.
- * Clean windows with glass cleaner.
- * Vinyl components should be washed with a mild solution of warm soapy water.
- * Clear vinyl can be easily scratched. Be careful cleaning frost or snow from windows. Do not roll curtains in cold weather. The windows become stiff and may crack. Keep windows clean.

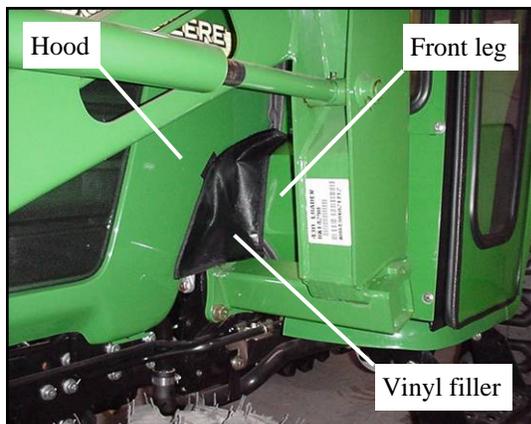


Fig. 12.3

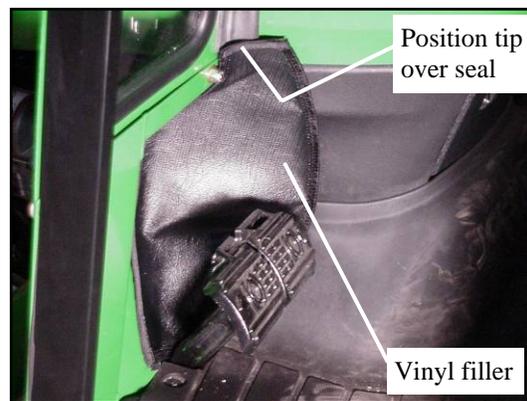
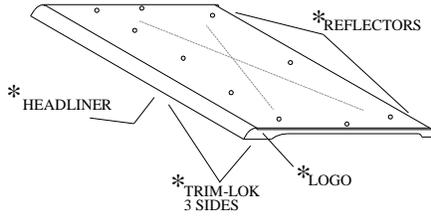


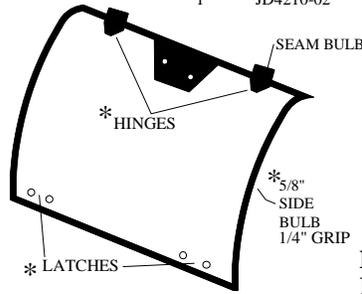
Fig. 12.4

J.D. 3000 SERIES (4200/4300/4400) (4210/4310/4410) (3120/3320/3520/3720) HARD SIDED CAB PARTS LIST

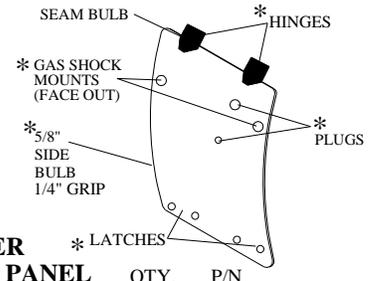
ROOF	QTY.	P/N
	1	JD3520-01



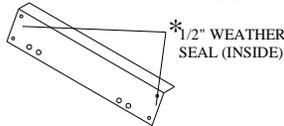
WINDSHIELD	QTY.	P/N
	1	JD4210-02



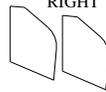
REAR WINDOW	QTY.	P/N
	1	JD4210-03



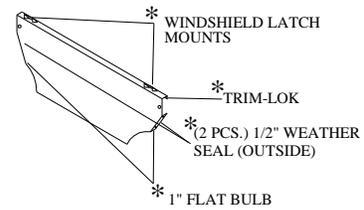
REAR WINDOW SUPPORT	QTY.	P/N
	1	JD4210-05



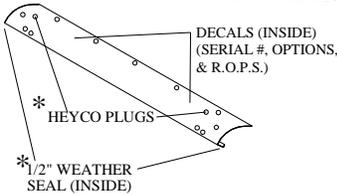
FRONT FILLERS 10 SERIES	QTY.	P/N
LEFT	1	JD4210-15L
RIGHT	1	JD4210-15R



LOWER REAR PANEL	QTY.	P/N
	1	JD4210-06



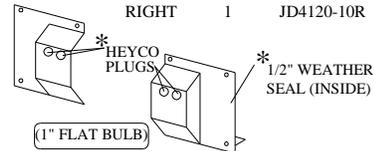
WINDSHIELD SUPPORT	QTY.	P/N
	1	JD4120-04



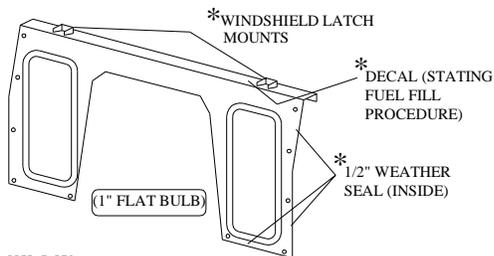
FRONT FILLERS 20 SERIES	QTY.	P/N
LEFT	1	JD3520-15L
RIGHT	1	JD3520-15R



FRONT LEGS	QTY.	P/N
LEFT	1	JD4120-10L
RIGHT	1	JD4120-10R



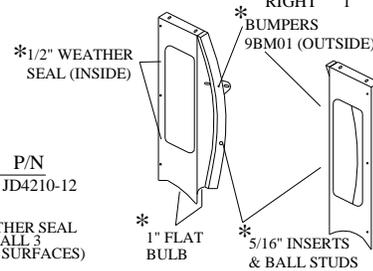
WINDSHIELD COWL	QTY.	P/N
	1	JD3520-08



10 SERIES COWL INSERT	QTY.	P/N
	1	JD3520-17A



REAR LEGS	QTY.	P/N
LEFT	1	JD4210-11L
RIGHT	1	JD4210-11R



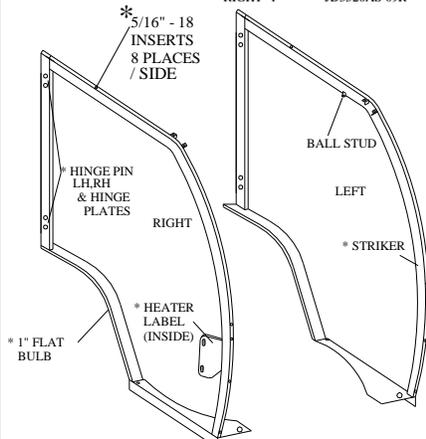
ROLL BAR BRACKETS	QTY.	P/N
	2	JD4210-12



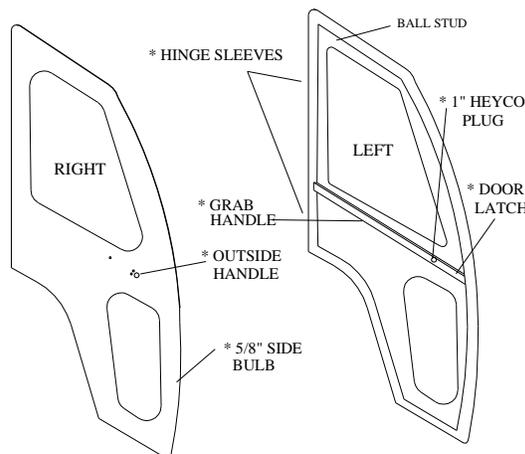
RUBBER TYPES:

TRIM-LOK 9PR01	1/2" WEATHER SEAL 9PR20	5/8" SIDE BULB 9PR17	5/8" SIDE BULB W/ 1/4" GRIP 9PR23	1" FLAT BULB 9PR05
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UNITIZED SIDE FRAMES HARD CAB	QTY.	P/N
LEFT	1	JD3520AS-09L
RIGHT	1	JD3520AS-09R



HARD DOORS	QTY.	P/N
LEFT	1	JD3520AS-07L
RIGHT	1	JD3520AS-07R

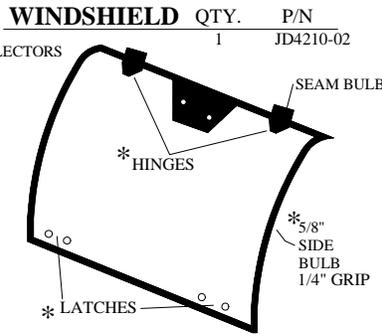
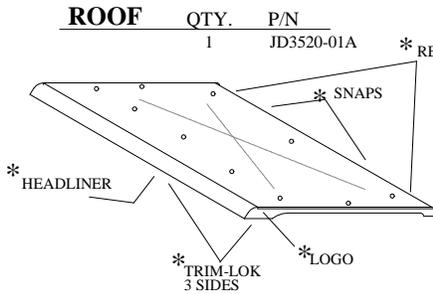


*IN HOUSE APPLICATIONS

ADDITIONAL SERVICE PARTS

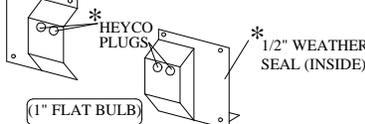
P/N	DESCRIPTION
9GL-30X46	MOLDED WINDSHIELD KIT
9PH07 & 9BLK01	POP OUT WSHIELD HINGE KIT-SINGLE
9WL01	POP OUT WSHIELD LATCH KIT-SINGLE
9PH06	UNITIZED FRAME HINGE KIT-LH
9PH05	UNITIZED FRAME HINGE KIT-RH
9SW-272L	LEFT DOOR SLIDER ASSEMBLY
9SW-272R	RIGHT DOOR SLIDER ASSEMBLY
9DL01A	ROTARY DOOR LATCH-LH
9DL01B	ROTARY DOOR LATCH-RH
9DL01C	OUTSIDE R-LATCH HANDLE W/KEY
9G801	GAS SPRING DOOR (SINGLE)
9G801	GAS SPRING REAR WINDOW (SINGLE)
JD3520HWK-01 (&-02)	HARDWARE KIT

J.D. 3000 SERIES (4200/4300/4400) (4210/4310/4410) (3120/3320/3520/3720) SOFT SIDED CAB PARTS LIST



FRONT LEGS QTY. P/N

LEFT	1	JD4120-10L
RIGHT	1	JD4120-10R



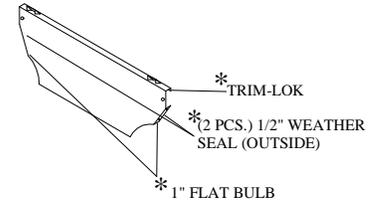
FRONT FILLERS 10 SERIES QTY. P/N

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RIGHT	1	JD4210-15R



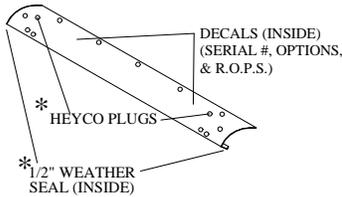
LOWER REAR PANEL QTY. P/N

1	JD4210-06
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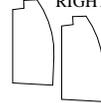
WINDSHIELD SUPPORT QTY. P/N

1	JD4120-04
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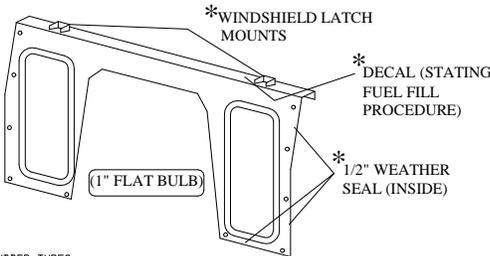
FRONT FILLERS 20 SERIES QTY. P/N

LEFT	1	JD3520-15L
RIGHT	1	JD3520-15R



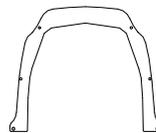
WINDSHIELD COWL QTY. P/N

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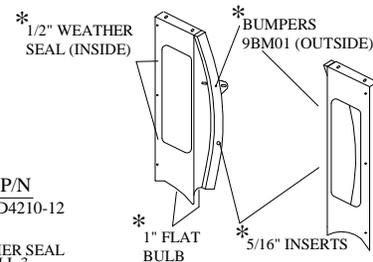
10 SERIES COWL INSERT QTY. P/N

1	JD3520-17A
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REAR LEGS QTY. P/N

LEFT	1	JD4210-11L
RIGHT	1	JD4210-11R



ROLL BAR BRACKETS QTY. P/N

2	JD4210-12
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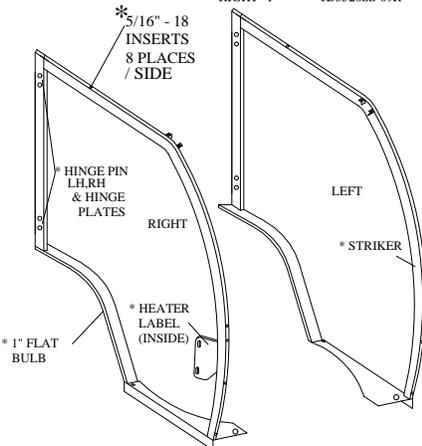


RUBBER TYPES:

TRIM-LOK 9PR01	1/2" WEATHER SEAL 9PR20	5/8" SIDE BULB W/ 1/4" GRIP 9PR23	1" FLAT BULB 9PR05	REG. BULB 9PR02
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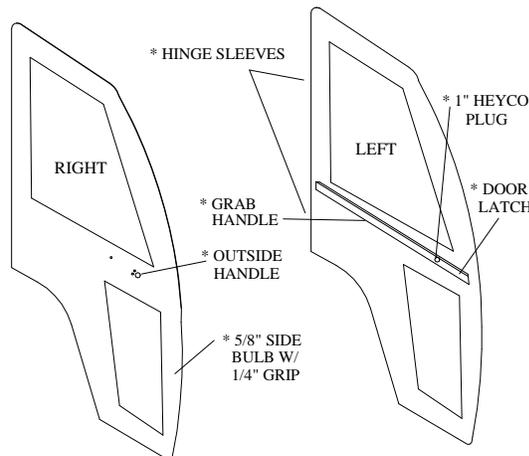
UNITIZED SIDE FRAMES SOFT CAB QTY. P/N

LEFT	1	JD3520SS-09L
RIGHT	1	JD3520SS-09R



SOFT DOORS QTY. P/N

LEFT	1	JD3520SS-07L
RIGHT	1	JD3520SS-07R



*IN HOUSE APPLICATIONS

CABS/BLADES/SPREADERS/ACCESSORIES

ADDITIONAL SERVICE PARTS

P/N	DESCRIPTION
9GL-30X46	MOLDED WINDSHIELD KIT
9PH007 & 9BLK01	POP OUT WSHIELD HINGE KIT-SINGLE
9WLO1	POP OUT WSHIELD LATCH KIT-SINGLE
9PH006	UNITIZED FRAME HINGE KIT-LH
9PH005	UNITIZED FRAME HINGE KIT-RH
9DS02	DOOR RESTRAINT (2)
9DL01A	ROTARY DOOR LATCH-LH
9DL01B	ROTARY DOOR LATCH-RH
9DL01C	OUTSIDE R-LATCH HANDLE W/KEY
JD3520-14L	LEFT DOOR SKIN
JD3520-14R	RIGHT DOOR SKIN
JD3520HWK-01	HARDWARE KIT