

JOHN DEERE 4000-20 SERIES 4120, 4320, 4520 and 4720 CAB MOUNTING INSTRUCTIONS



Fits with 400X loader and over 2 post folding ROPS models

A-11330



BOX 70 • LITCHFIELD, MINNESOTA 55355 (320) 693-3221 Fax: (320) 693-7252 www.800cabline.com

SAFETY INSTRUCTIONS

Read operator's manual. Be thoroughly familiar with the controls, capabilities, and proper use of the equipment.

NEVER ALLOW ANY RIDERS.

IMPORTANT: This cab must only be used on tractors outfitted with a NON-FOLDING OR FOLDING ROPS.

DO NOT remove the top half of a folding ROPS to accommodate this cab.

Thoroughly inspect cab mounting periodically.

Stay alert for hidden hazards and traffic.

Avoid sudden starts, excessive speeds, and sudden stops when operating on hillside, rough ground and most off-the-road operations.

Use extreme care when working close to fences, ditches, or on hillsides.

Wait for tractor to STOP before dismounting.

Check clearance carefully before driving under any objects.

Avoid operating sideways on a steep slope whenever possible.

ALWAYS buckle safety belt while operating tractor.

Never exceed factory recommended specifications.

DO NOT weld, cut drill or modify ROPS in any manner unless instructed by manufacturer.

John Deere 4120, 4320, 4520 and 4720 MOUNTING INSTRUCTIONS

Preparation of tractor

- 1) Remove grab handles from fenders.
- 2) Open mounting kit box and layout parts.
- 3) Remove warning lights from roll bar. Attach warning lights to dual light mount brackets 2-15661 & 2-15662 to cab. Use these brackets when remounting lights onto cab. Use (4) M8 x 25 mm cap screws 3-10123, (4) 5/16" lock washers to secure lights to brackets.
- 4) Install light bracket to cab with (4) 1/4-20unc x 3/4" screws 3-10219, (4) 1/4" lockwashers and (4) flat washers.
- 5) Attach rear mount using (4) ½"x 2" bolts, (8) ½" flat washers, and (4) ½" nylock nuts. Set the rear mount bracket on top of the tractor's rear mount location (See figures 1& 2). **NOTE:** If the tractor is equipped with a mid-mount mower, use the bracket on the bottom of the rear mount assembly to attach the outer side of the mower pivot bracket, as shown in figures 1 and 2.



Figure 1



Figure 2

John Deere 4120, 4320, 4520 and 4720 MOUNTING INSTRUCTIONS (Continued)

NOTE: If the tractor is not equipped with loader mount brackets, they must be purchased from a John Deere Dealer.

- 6) Install John Deere loader mounts.
- 7) Attach front mounts #1-44056 (RH) and #1-44057 (LH) to JD loader mounts using (4) ½" u-bolts #3-18221, (8) small flat washers #3-12466, (2) spacer washers 1-40606 and (8) ½" nylock nuts #3-10379.
- 8) Leave mounts loose until rubber isolators and bolts are installed (See Figure 3 and 4). Note that there are distinct left and right front mounts.
- 9) Install (2) rubber isolator bushings assemblies #3-16635 in each front mount with (2) spacer washers, #1-40606 on the top side of each front mount plate. (See Figure 3 and 4). NOTE: Rubber isolators with pipe bushing should be inserted from top side of mount.
- 10) Install (2) rubber isolators 3-16635 into rear mount 2-15370. See Figure 5.



Figure 5

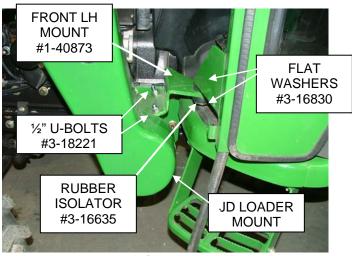


Figure 3

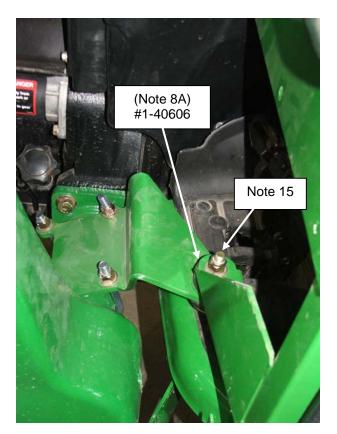


Figure 4

John Deere 4120, 4320, 4520 and 4720 MOUNTING INSTRUCTIONS (Continued)

- 9) Remove the "Slow Moving Vehicle" sign and mount bracket from the rear of the seat. Locate two 5/16" diameter holes that are 6" apart below the rear window.
- 10) Reinstall the "Slow Moving Vehicle" sign and mount bracket to rear of cab using (2) 1/4-20unc x 1.75" long screws 3-10383, (2) 1/4-20unc nylock nuts 3-10070, (4) 1/4" flat washers 3-10083 and (2) spacers 1-41217, provided in the mount kit.
- 11) Tilt seat forward against steering wheel.

Installation of cab

- 12) Remove cab from shipping stand lifting cab using lifting ears 1-20618.
- 13) Remove the ROPS cover panel 4-14617. The poly-fabric will have a factory pre-cut slot to allow the folding ROPS to fit into the roof shell area when cab is lowered on to the tractor. Refer to Figure 6.
- 14) Lower cab over roll bar until cab contacts front and rear isolator bushings. (Guide Folding ROPS into the roof shell area).
- 15) Secure cab to all mounts using (4) ½" x 3½" long bolts 3-15057, (4) large flat washers 3-12466, (4) small flat washers 3-16830 and (4) lock-nuts 3-10379 at each connection location (4 Places). See Figure 4.
- 16) Re-install cover panel 4-14617 and secure re-using the (6) 10-24unc screws. See Figure 7.
- 17) Loosen lifting ear bolts, tip lifting ears down, and tighten bolts.
- 18) Tighten all mounting hardware.

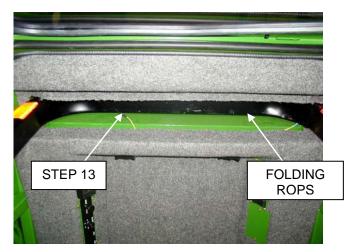


Figure 6

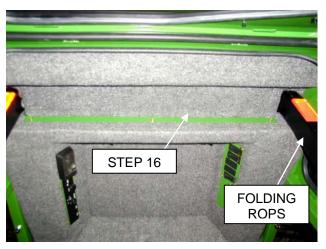


Figure 7

John Deere 4120, 4320, 4520 & 4720 CAB MOUNTING INSTRUCTIONS (Continued)





Figure 8

Figure 9

- 19) Attach front left and right foot pockets using (6) #10-24 x 5/8" bolts and (2) #10-24 x1.50" long bolts. The (2) #10-24unc nuts shipped with the 1-1/2" long bolts and spacers will not be used. (See Figure 8).
- 20) Install rear overlap panels, left #4-14419, right #4-14418 and rear center seal panel #4-14417. Secure using (6) #10-24 x 5/8" bolts See Figure 9.
- 21) Install hood seal cover 4-14992 with (3) 10-24unc flange bolts 3-14927. Assure 12" of large bubble rubber 3-10610 seals against dash. See Figure 10.



Figure 10

John Deere 4120, 4320, 4520 & 4720 CAB MOUNTING INSTRUCTIONS (Continued)

Electrical Hookup (Non-headliner installed)

- 22) The main power wire from the overhead switch wiper cover panel should be prerouted from the factory, down the right side of the cab frame. Connect wire to a main power source (+12VDC).
- 23) Select a location to ground the Cab by connecting the cab to frame grounding wire assembly #4-14258 (-12VDC).

Heater Unit Accessory Notes

(Only if heater unit is to be installed, follow steps 24-27)

24) If a headliner heater or economy heater kit is to be installed, refer to additional manuals supplied with those kits;

05-10497 Headliner pressurizer heater unit 4-14882

05-10498 Economy heater kit 4-14882

05-10508 Heater hose engine hookup kit 4-14881

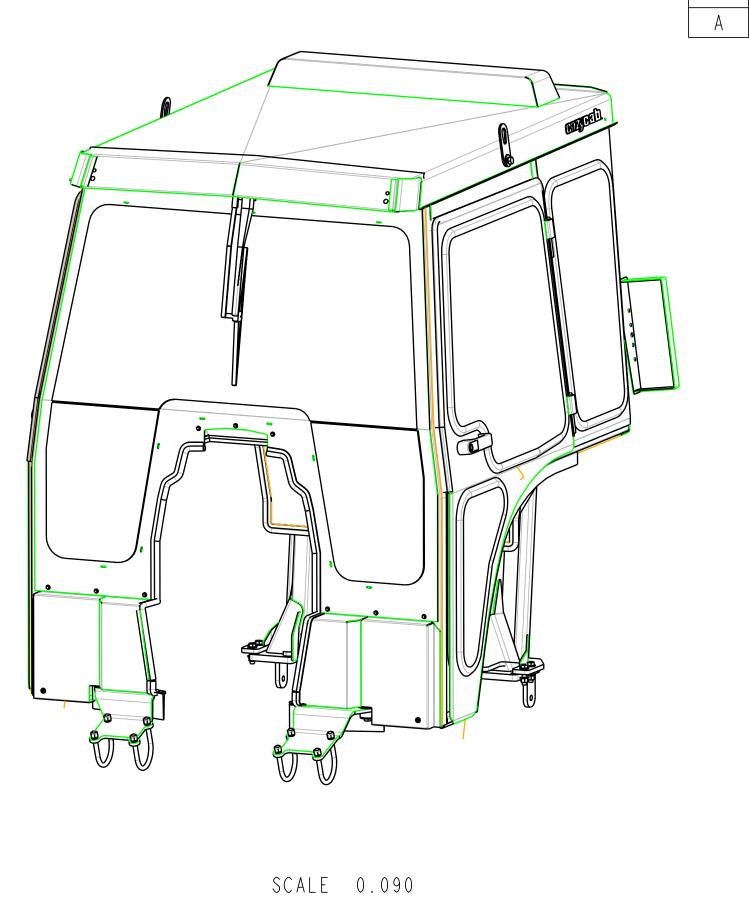
- 25) Once units are installed, reconnect battery, check-fill radiator and start engine.
- 26) Run engine at fast idle to purge air from system and check for any leaks. Cycle the heat/pull lever from inside the cab, on and off several times while engine is running. Check coolant level after heater core and hoses are filled.
- 27) Some cab owners may chose to remove the cab for the summer and re-install in the fall. Keep and store the removed port plugs for re-use.

STEP EXTENSION MOUNTING (INSTRUCTION)

28) Since the cab is extended beyond the tractor's factory step, the mount kit comes with a step extension part number 2-15446. See cover of manual. The new step extension installs onto the tractor's factory step. Use back up plate part number 1-41222 under the factory step and secure with (3) Qty 3-10046 (1/2-13UNC x 1-1/2" long) bolts, (3) ½-13UNC Nylock nuts and (2) ½" flat washers for the slot mount hole.

EXHAUST EXTENSION KIT

29) For applications that require a high exhaust system, over the head of the operator, a vertical exhaust kit is available through your John Deere dealer. As of this document's date, the vertical exhaust kit LVB 25561 may be used on models 4120, 4320, 4520 and 4720 series. Verify correct kit number with your John Dear dealer.



REV.	DCR NO.	DESCRIPTION	DRAFTSMAN	DATE
А	-	PRODUCTION RELEASE	CAD	7 - 1 3 - 0 5

ITEM #	DESCRIPTION	QTY
	4-14844_CAB_ASM_4000-20SERIES	
2	4-14845_MOUNT_KIT_4520	
3	3-15663_ADHESIVE_SCOTCH-GRIP	SEE BOM
4	3-17985_PAINT_JD_GREEN_POLYURE	SEE BOM
5	3-17660_PRIMER_GRAY_PART_A	SEE BOM
6	3-18005_ACTIVATOR_DV_UNIV	SEE BOM
7	3-18104_THINNER_M-A-K	SEE BOM
8	3-10637_ADHESIVE_BRUSH-ON_AMBER	SEE BOM
9	3-17376_BAG_82X56X70	SEE BOM
10	P-412_PALLET_FOR_JD_CAB	SEE BOM
	3-17171_DECAL_CP_SERIAL_NUMBER	
12	F-ROPS_4510	

REFERENCE RELATED OPTIONS:

4-14881 HEATER HOOK-UP KIT FOR 4000-20 SERIES JD ENGINES

4-14882 HEADLINER HEATER PRESSURIZER KIT

4-14883 (2) HALOGEN FLOOD LIGHT KIT

4-14884 ECONOMY VERSION HEATER KIT

4-14885 REAR SLIDER WINDOW KIT

4-14886 SINGLE WIPER KIT

4-14888 FLASHING WARNING LIGHT ROOF MOUNTED

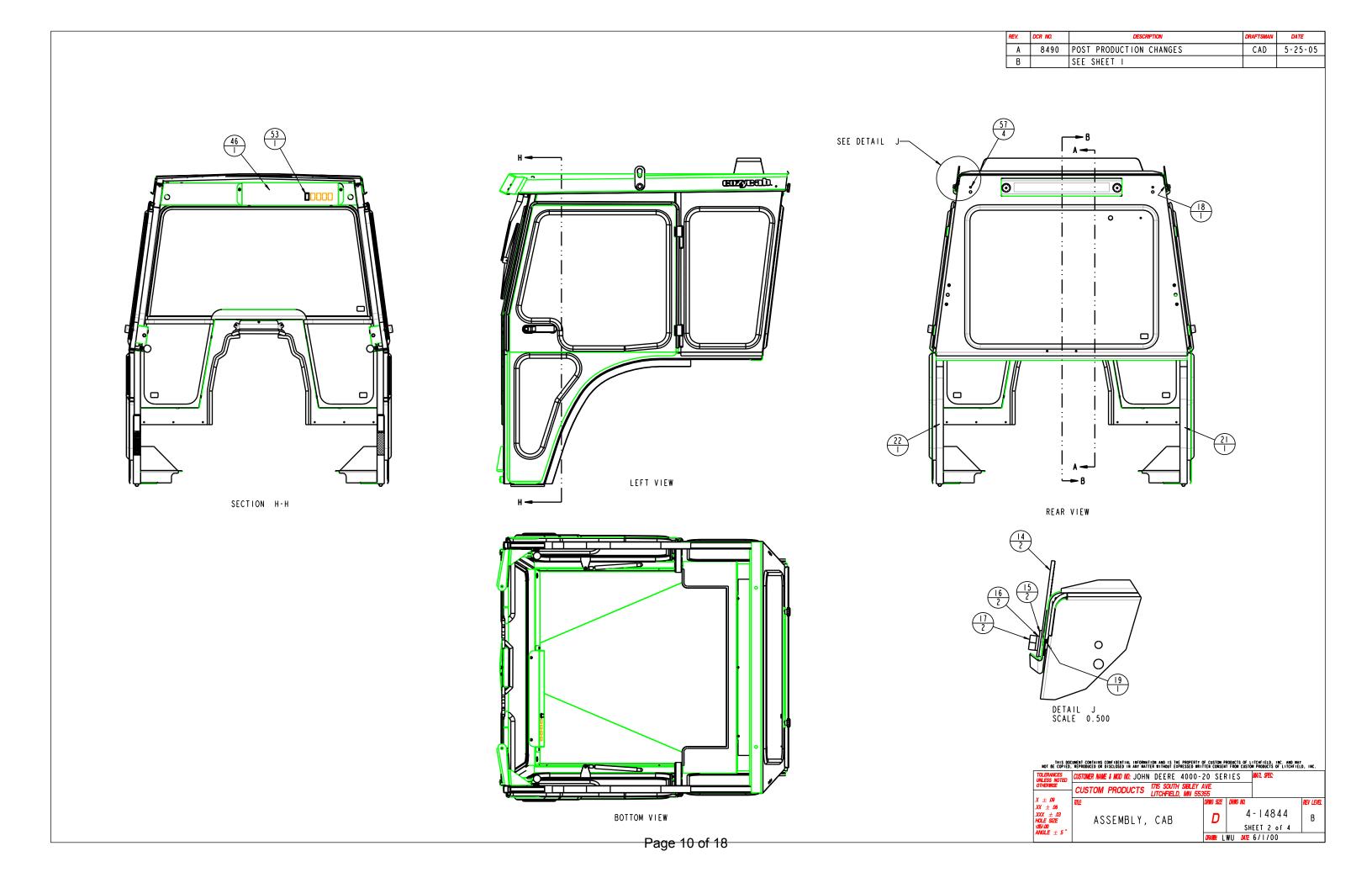
4-14889 DEFROSTER FAN KIT

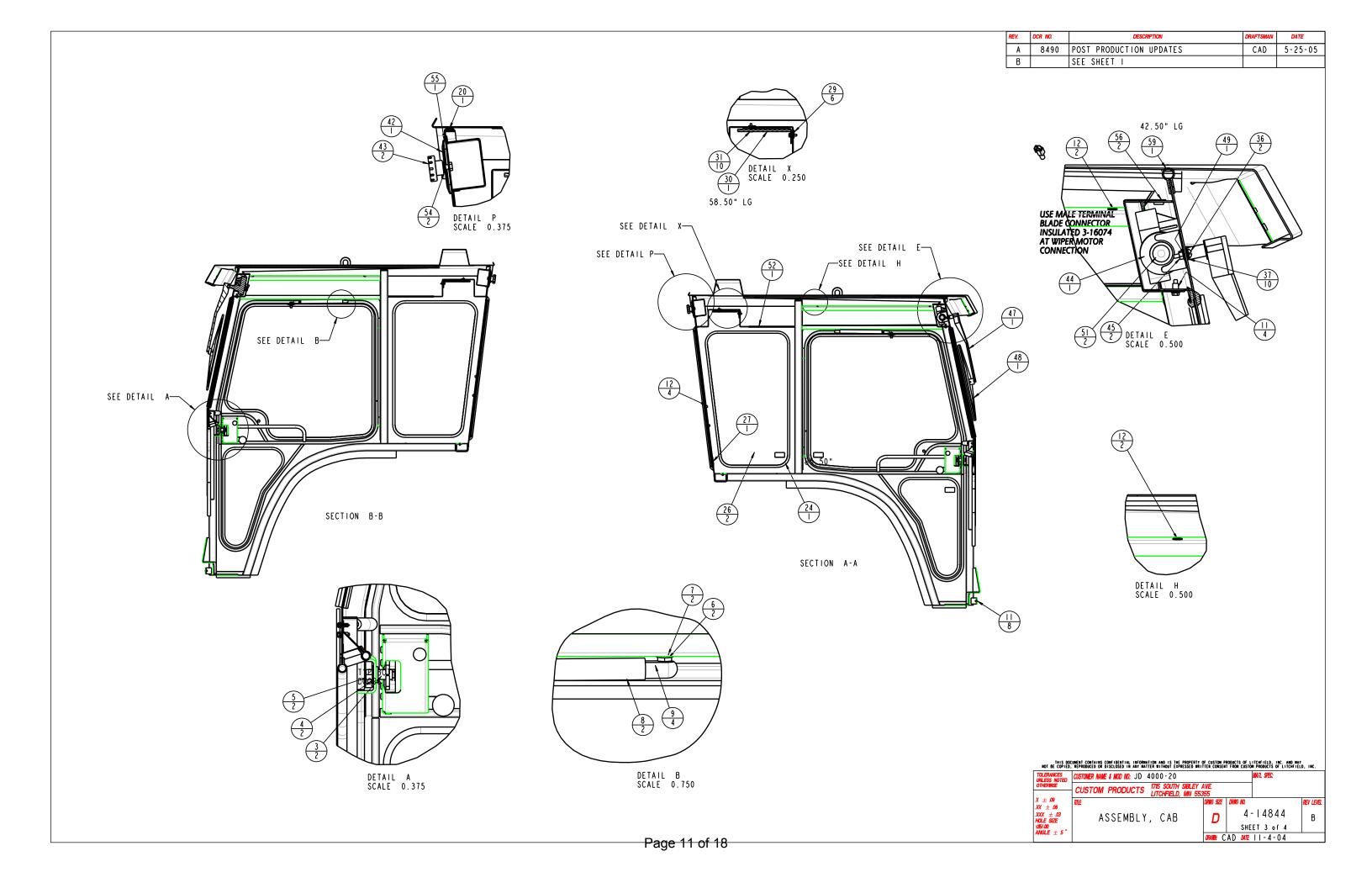
4-14890 WASHER FLUID TANK KIT

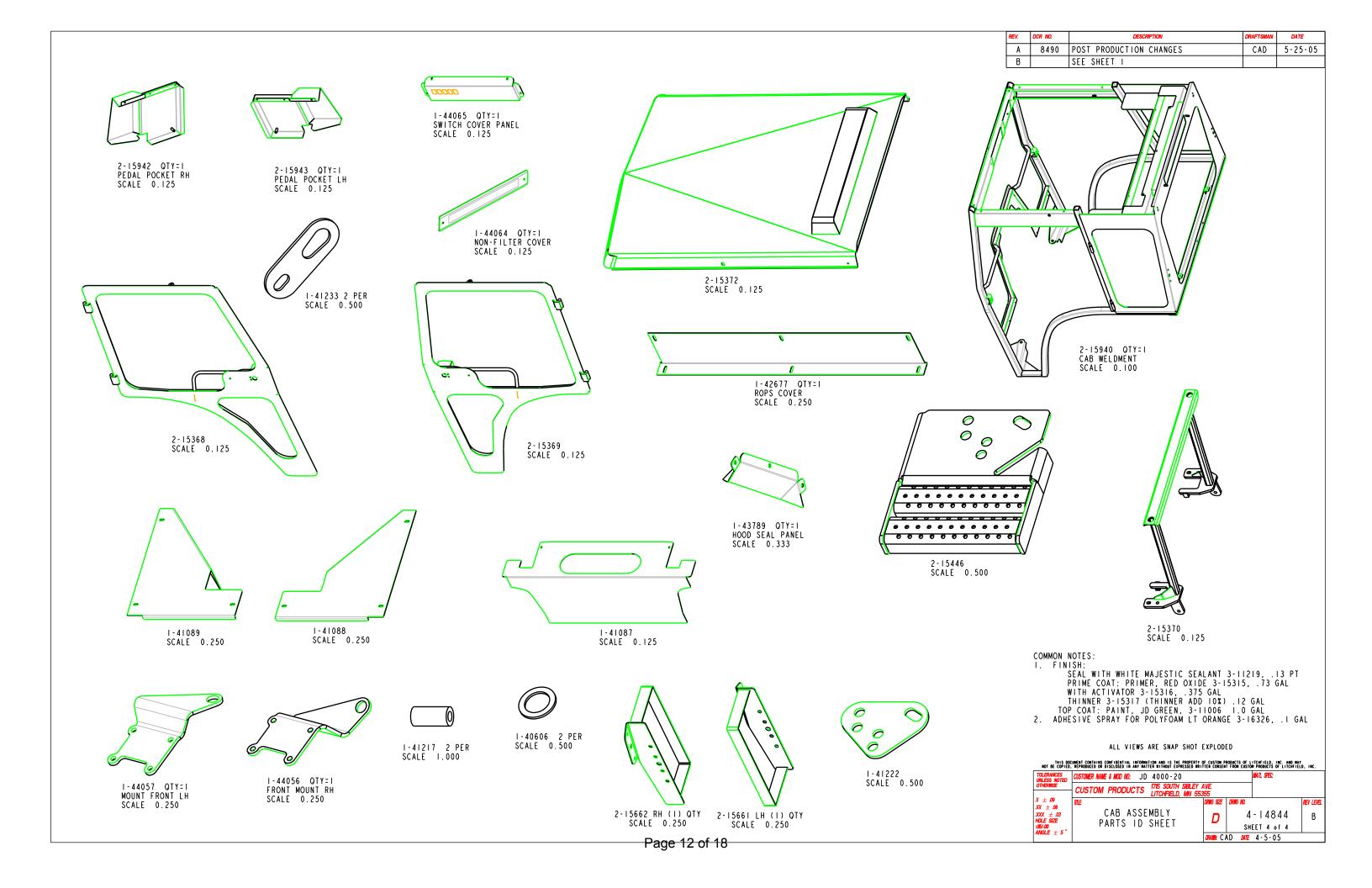
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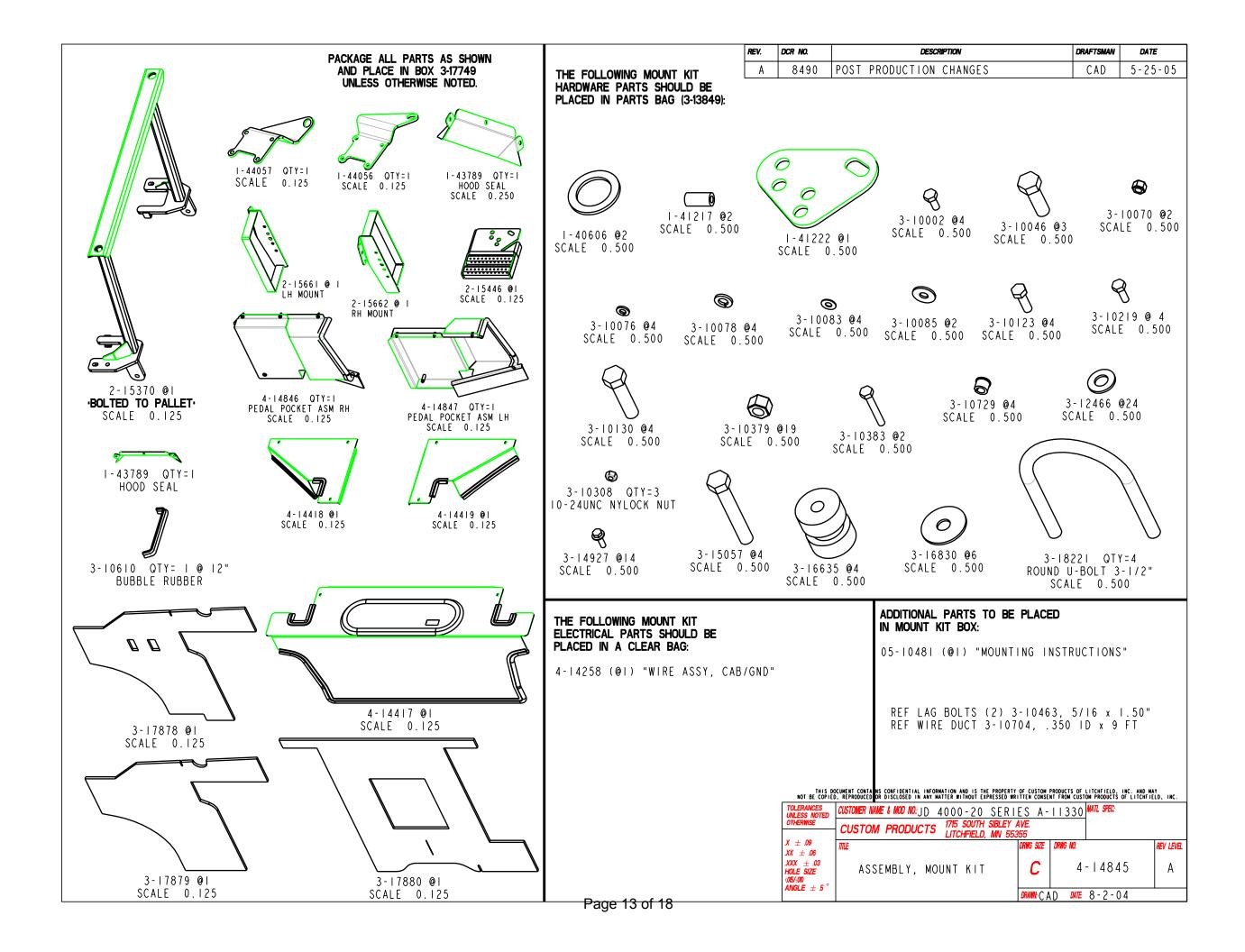
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	TOLERANCES UNLESS NOTED	CUSTOMER NAME & MOD	NO : JD 4000-20 S	ERIES		MATL SPEC:	SEE BOM
	OTHERWISE	CUSTOM PROL	DUCTS 1715 SOUTH LITCHFIELD,	SIBLEY AVE. MN 55355			
	.X \pm .09 .XX \pm .06	TITLE		DRWG SIZE	DRWG NO.		REV LEVEL
	.XXX ± .03 HOLE SIZE ±015/-010	- · · -	ASSEMBLY	В	ļ	4-11330	-
Page 8 or	. ANGLE ± .5 °			DRAWN: (CAD DATE	<u> </u>	•

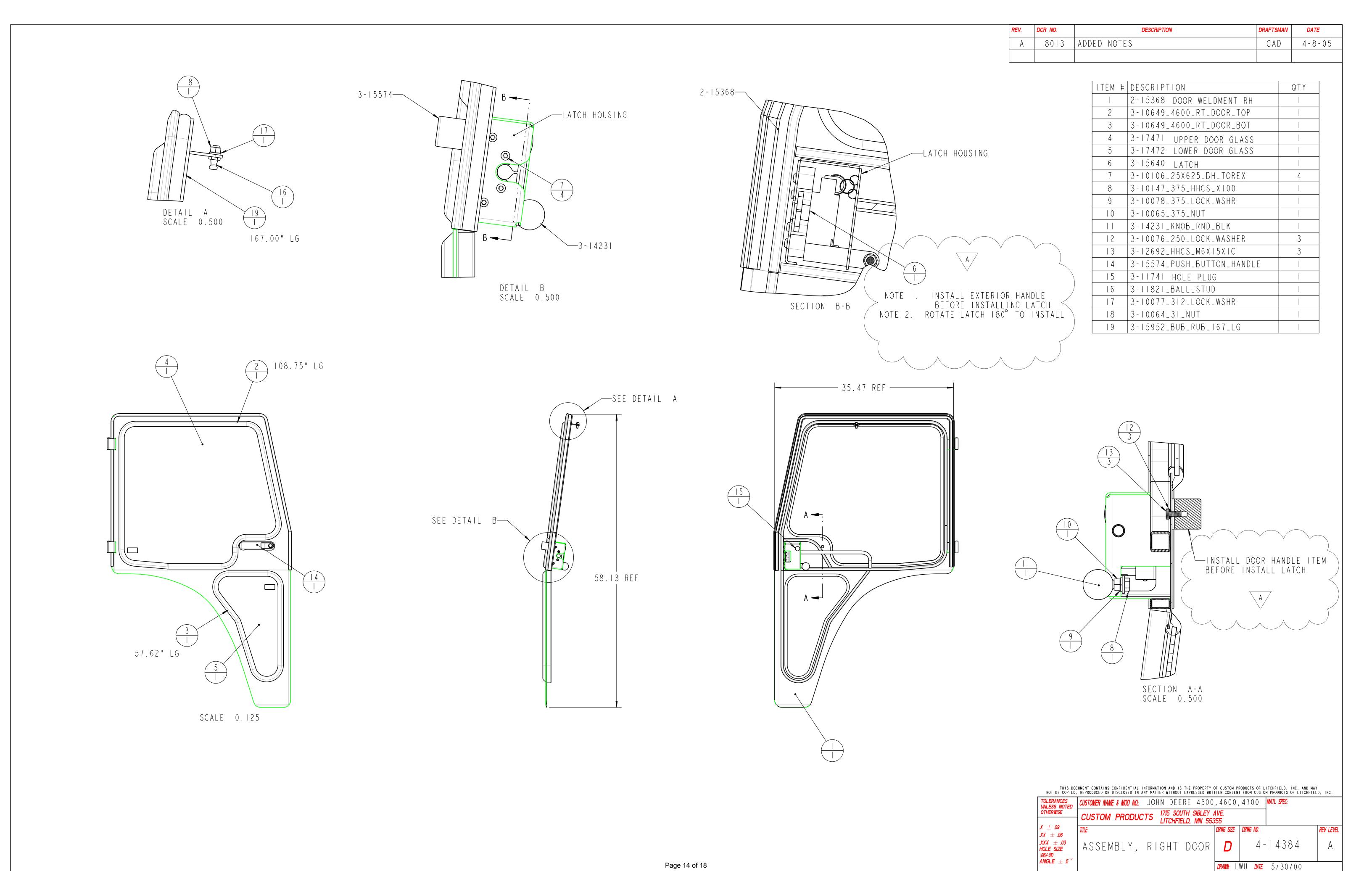
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I 2-15940_CAB_WELDMENT I		A 8490 POST PRODUCTION CHANGES CAD 5-25-05
2 4-14384 DOOR ASM RH		B 8501 RESTRUCTURING HOOD SEAL ASM TO THIS DRWG CAD 7-12-05
3 3-15407_STRIKER_LONG 2		0.00
4 3-10166_4375_WASHER 2		
6 3-10077_312_LOCK_WSHR 2		
7 3-11821_BALL_STUD 2		
8 3-13024_GAS_SPRING_6IN 2		
9 3-11822_CLIP_GAS_SPRING 4		
10 4-14385 DOOR ASM LH		// 49 10 1
		//
12 3-14387_25_NUT-SERT 8		
13 4-14853_ROOF_ASM I		
14 1-41233 LIFT EAR 2		
15 3-10087_50_WASHER 2		
16 3-10079_50_LOCK_WASHER 2		
17 3-10129_50_HHCS_X100 2		
18 3-11928_ROOF_RIGHT_4600 I	$\left(\begin{array}{c} 58 \\ 5 \end{array}\right)$	
19 3-11928_ROOF_LEFT_4600 I		
20 3-15279_REAR_ROOF_4600 I		
21 3-17465_4600_RT_FENDER I		SCALE 0.063
22 3-17465_4600_LT_FENDER I		_
23 3-15279_FOOT_SEAL_4600 2		APPLY WINDOW CAULK BOTH PLACES— λ
24 3-10649_4600_RT_REAR I		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
25 3-10649_4600_LT_REAR I		
26 3-17468 REAR SIDE WINDOW 2		
27 3-16678_CAUTION_NON_ROPS I	(EUZZ/LECÍ).	
28 1-4 1 5_BULK POLYFOAM UPPER	- carebrain	
30 4-14671_ROPS_COVER_PANEL		
32 3-16074_CON_MALE_BLADE_INSUL SEE BOM		
33 3-18228_REAR_WINDOW I	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	$\frac{38}{1}$
34 3-10649_WINDOW_RUB_I36 I		
35 3-10649_WIN_RUB_250_200LG I		
36 3-10105_MSCR_NOI0_X75_THSL 2		200.00" LG
37 3-10083_WASHER_NOIO 10		$\frac{35}{}$
38 3-18220_WINDOW_FRONT_UPPER I		
39 3-18227_FRONT_WIN_LOWER I		
40 3-18227_FRONT_WIN_LOWER_MIR I		
41 3-10610_BUB_RUB_LARGE_30_LG 2	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	39
42 I-44064_COVER_PANEL_NON_FILTER I		
43 3-15573_KNOB_175D1AX312THR 2	$\frac{33}{1}$	
44 3-11099_12_1		$\left(\begin{array}{c} 60 \\ 1 \end{array}\right)$
45 3-10308_1024_NYLOCK 2	136.00" LG	
46 I - 44065_SWITCWILREDAYEMAQ POURIEL I		
47 3-15776_WIPER_ARM_WWF I		
48 3-15763_16_WIPER_BLADE_FLEX_WE I	\ \ \\\\\ r	
49 3-13083_WASHER_LOCK_EXT_T I	\ \ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
50 4-14947_WIRE_ASM_MAIN_7_5AMP		
51 3-17390_1_HOLE_PLUG 2	\ \ \	
52 3-15536_EDGE_TRIM_MEDIUM_58_6LG I		
53 3-16274_ROCKER_SW I	COMMON NOTES:	FRONT VIEW
54 3-10084_250_WASHER 2	I. WIPER SETTING: 100 DEGREES	
55 3-11264_POLY_SEAL_125X625 I	2. FINISH: SEAL WITH WHITE MAJESTIC SEALANT 3-1121913 PT	RED 12 GA WIRE, EXTENDS 36"
56 3-10728_GROM_50_MTG 2 57 3-11833_25_HOLE_PLUG 4	PRIME COAT: PRIMER. RED OXIDE 3-1531573 GAL	OUT END OF TUBE, TO BE
57 3-11833_25_HOLE_PLUG 4 58 3-10721_38_HOLE_PLUG 5	WITH ACTIVATOR 3-15316, .375 GAL	COILED AND SECURED TO CAB
59 3-10610_BUB_RUB_42_50_LG	THINNER 3-15317 (THINNER ADD 10%) .12 GAL TOP COAT: PAINT, JD GREEN, 3-11006 1.0 GAL	THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCTS OF LITCHFIELD. INC. AND WAY
60 4-14992_HOOD_SEAL_ASM		THIS DOCUMENT CONTAINS CONTINENT AND THE FRONCEST ON THE PROPERTY OF CUSTOM PRODUCTS OF LITTER FLED, INC. AND MAY NOT BE COVERED. REPRODUCES OF INCOME AND MAY MATTER WITHOUT EXPRESSED BRITTLE CONSENT FROM CUSTOM PRODUCTS OF LITCH FIELD, INC. TOLEPHANCES CUSTOMER NAME & MOD NO: JD 4000-20 SERIES MILL SPEC.
T TANKE HOOD OUT OF THE TANKE TO THE TANKE T		CUSTOMER NAME & MOD NO: JD 4000-20 SERIES MAIL SPEC: CUSTOM PRODUCTS 1715 SOUTH SIBLEY AVE CUSTOM PRODUCTS LITCHFIELD, MN 55355
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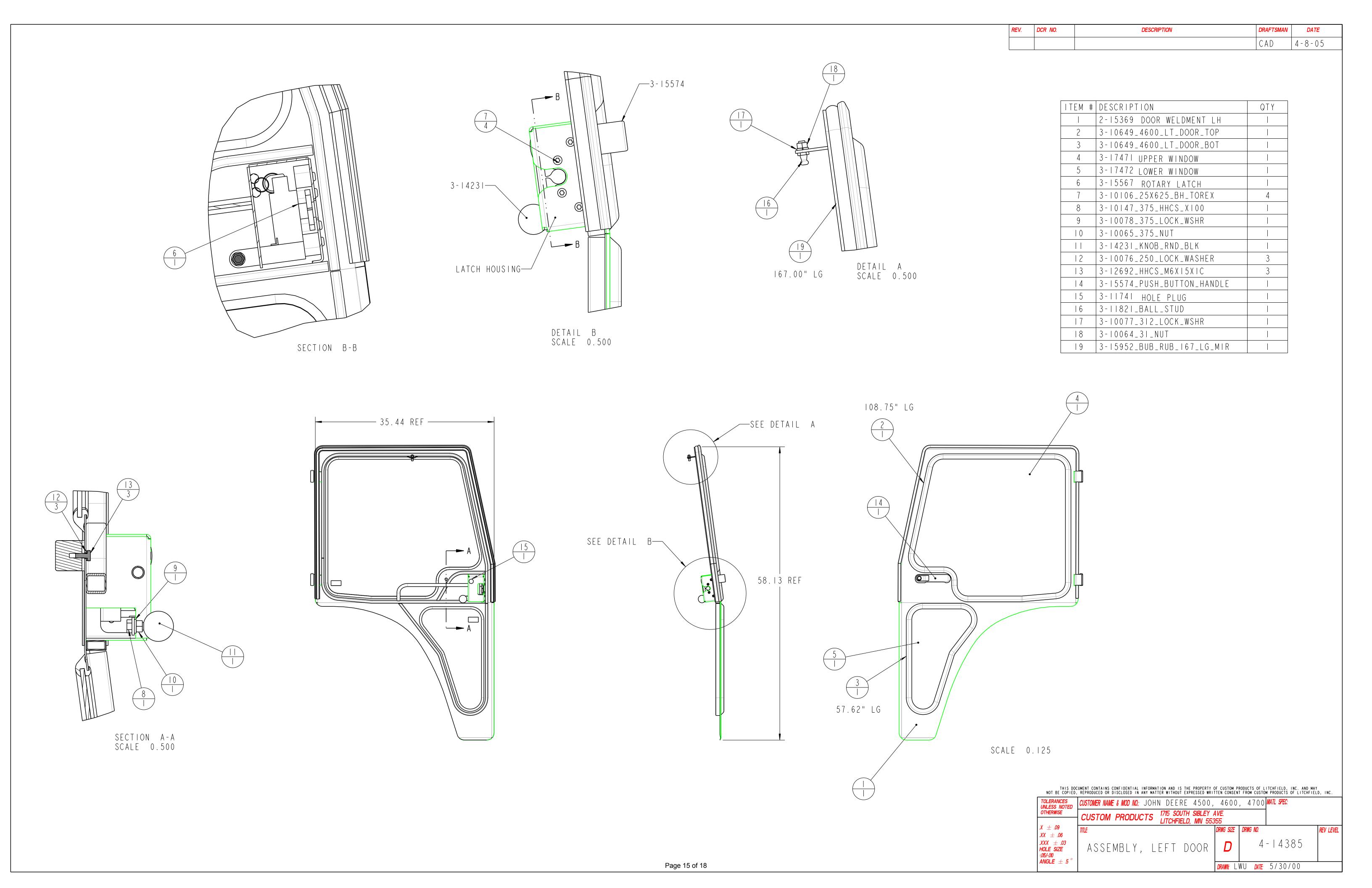


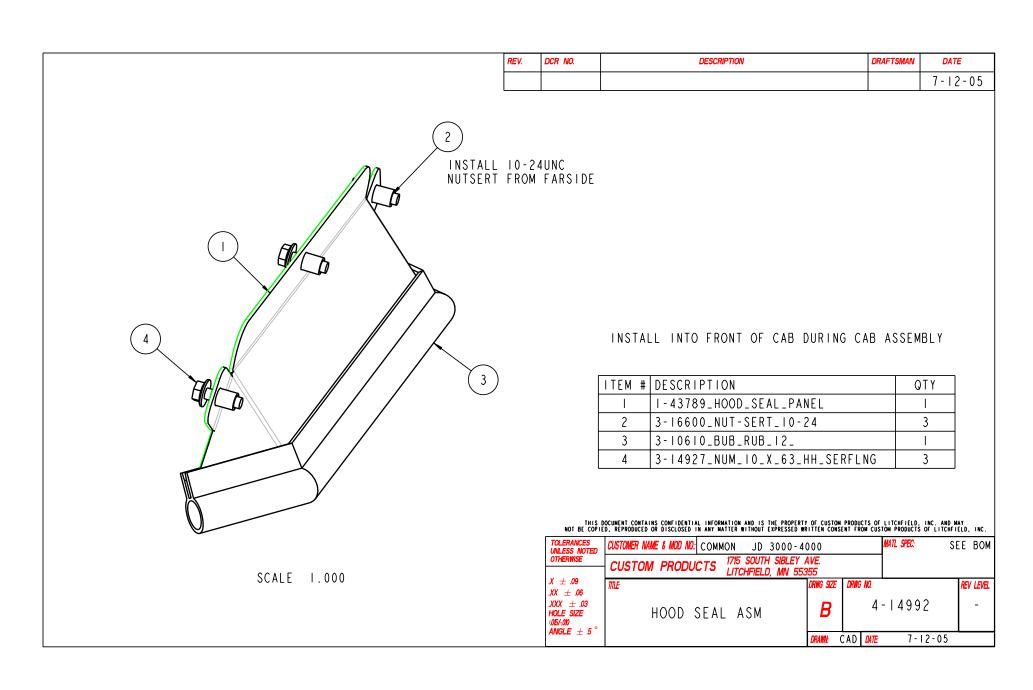








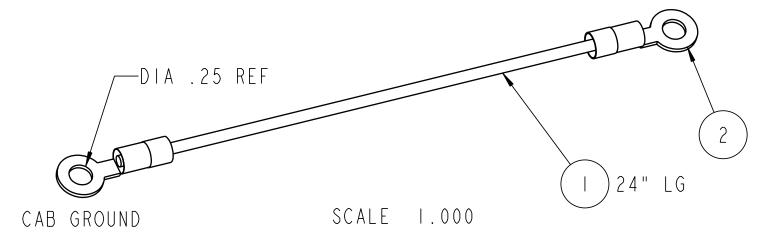




	REV.	DCR NO.	DESCRIPTION	DRAFTSMAN	DATE
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					·
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(6)			2 3-10672_BUTT_SPLICE_I4GA_BLUE	2	
			3 3-18231_FUSE_HOLDER_ATO-ATC		
INSTALL INTO FRONT WIPER			4 3-10367_WIRE_I4GA_GREEN_I2LG	2	
COVER KNOCK-OUT HOLE			5 3-10670_BLADE_CON_250_14GA_BLUE	3	
			6 3-16274_ROCKER_SW		
			7 3-16581_FUSE_7-5_AMP		
			8 3-16074_TERMINAL_MALE_INSULATED	I	
			9 3-18253_TERMINAL_T-TAP_14-18_GA		
SCALE ROUTE TO FRONT WIPER	0.3	33	ROUTE DOWN RH FRONT CAB TUBE + 12VDC POWER 1 8 9	R SOURCE	
		NOT BE CO TOLERANCES UNLESS NOTE OTHERWISE	S DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCED, REPRODUCED OR DISCLOSED IN ANY MATTER WITHOUT EXPRESSED WRITTEN CONSENT FROM CUSTOM PRODUCTS 1715 SOUTH SIBLEY AVE. LITCHFIELD, MN 55355	TS OF LITCHFIELD ON CUSTOM PRODUCT MATL SPEC:	, INC. AND MAY S OF LITCHFIELD, INC.
		$.X \pm .09$ $.XX \pm .06$ $.XXX \pm .03$ HOLE $SIZE+.015/010ANGLE \pm .5$	TITLE: DRWG SIZE DRWG	NO. 4 - 494	REV LEVEL

ITEM # DESCRIPTION QTY I 3-10341_WIRE_BLACK_10GA_X_24 I	REV.	DCR NO.			DESCRIPTION	DRAFTSMAN	DATE
		_					1
I 3-1034I_WIRE_BLACK_10GA_X_24 I			ITEM	#	DESCRIPTION	QTY	
					3-10341_WIRE_BLACK_10GA_X_24		
2 3-10673 TERMINAL EYE 10-12 GA 2			2		3-10673 TERMINAL EYE 10-12 GA	2	

MACHINE GROUND (-12VDC)



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TOLERANCES UNLESS NOTED	CUSTOMER NAME & MOD NO.: UNIVERSAL		MATL SPEC:	
OTHERWISE	CUSTOM PRODUCTS 1715 SOUTH SIBLE	Y AVE. 55355		
.X \pm .09 .XX \pm .06	TITLE:	DRWG SIZE	DRWG NO.	REV LEVEL
.XXX ± .03 HOLE SIZE +.015/010 ANGLE ± .5°	WIRE ASSEMBLY CAB TO FRAME GROUND	A	4-14258	
	Page 18 of 18	DRAWN:	CAD DATE : 4-18-02	-