

COZYcab™

TORO 228-D MOUNTING INSTRUCTIONS



**Fits Toro 228-D and Toro 220-D
A-11250**

Manufactured by:

CUSTOM PRODUCTS
OF LITCHFIELD, INC.

BOX 70 • LITCHFIELD, MINNESOTA 55355-0070

(320) 693-3221 Fax: (320) 693-7252

1-800-222-5463

05-10385
January, 2002

SAFETY INSTRUCTIONS

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

NEVER ALLOW ANY RIDERS.

Thoroughly inspect ROPS cab and ROPS cab mounting periodically. Refer to Rollover Protection Structure (ROPS) Inspection Guide Sheet.

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.

ROLL BAR SPECIFICATIONS

MODEL	MAXIMUM WEIGHT CAPACITY (Tractor and Implements)
228-D	2500#

Rollover Protection Structures (ROPS) Inspection Guide

ROPS, like any other safety device, need to be periodically inspected to verify that the integrity of the device has not been compromised through normal machine use, misuse, age degradation, modifications, or roll-overs.

Some mechanical discretion is essential, therefore personnel who inspect ROPS need to comprehend and understand the significance of issues like structural corrosion, cracks, and deformation. Conservatism is the essential rule – if in doubt, remove the machine from service and contact the ROPS manufacturer for assistance. Certain conditions will absolutely render the ROPS unusable examples are:

- Permanent deformation or twisting
- Missing, damaged, or loose mounting hardware
- Heavily weathered or torn rubber isolators
- Mounting hardware that is of a grade lesser than specified
- Any cracks in the structure (structural members and/or welds)
- Significant corrosion
- Modifications, i.e. unauthorized welds and holes
- Missing or unreadable ROPS label
- Applicable ROPS/machine model not specified on the ROPS label
- Machine GVW (including attachments, restrained payload, fuel and operator) in excess of the maximum weight specified on the ROPS label
- Missing, damaged or unusable operator restraint devices. ie. seatbelts
- Any unauthorized repair
- Incomplete/improper installation

Other conditions may require imminent service but may not render the unit immediately unusable examples are:

- Faded paint
- Slightly weathered rubber isolators
- Faded, hard to read ROPS label
- Heavily soiled operator restraint
- Slightly corroded mounting hardware

ROPS must be inspected immediately after any type of collision, rollover or impact. If any damage is evident, the ROPS must be removed from service, repaired and/or replaced.

When a ROPS is removed or reinstalled, mounting hardware must be examined for signs of over stressing. Damaged mounting hardware must be replaced before placing the ROPS back in service.

Operators are to be instructed to properly adjust and use restraints at all times.

Mounting Instructions

ROPS CAB (A-11250)

to fit

TORO GROUNDMASTER 228-D

1. Preparation of machine.
 - A. Raise hood.
 - B. Raise seat.
 - C. Remove two 5/16" x 2-1/2" bolts from seat deck frame. Figure 1 and 2.
 - D. Remove lower back panel from cab.
 - E. On older **Toro 220-D models**, the front edge of the traction pedal needs to be modified. From the left side of the pedal, remove a 1/2" across the pedal to 0" on the right side. This is not required on any other models.

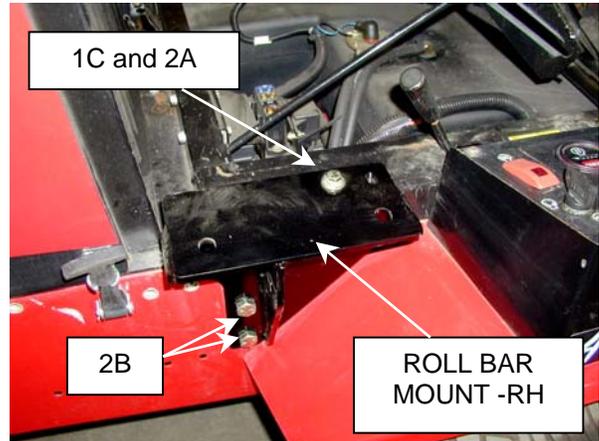


Figure 1

2. Installation of roll bar mounts.
 - A. Install right and left mounts onto tractor using 5/16" x 3" Grade 5 bolts, flat washers and lock washers as shown in Figure 1 and 2.
 - B. Fasten rear mounts to tractor with four 1/2" x 2-1/2" Grade 5 bolts, flat washers, lock washers and nuts. Torque bolts to specifications found on the Torque Tightening Chart.

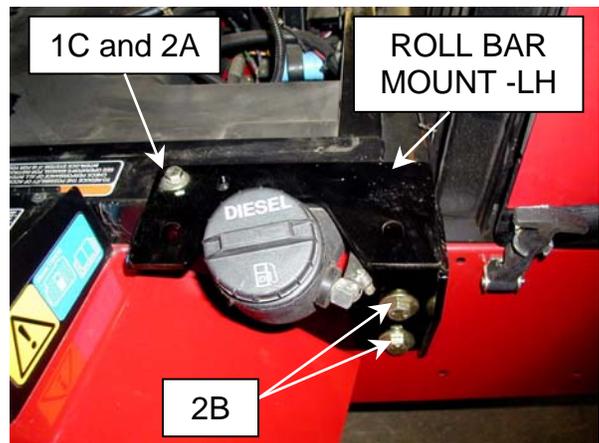


Figure 2

Torque Tightening Chart

U.S. BOLT SIZE	GRADE 5 TORQUE FT-LB	GRADE 5 TORQUE N*M
1/4-20 NC	7-9	9-12
5/16-18 NC	10-15	15-20
3/8-16 NC	20-25	25-35
7/16-14 NC	30-40	40-55
1/2-13 NC	50-60	70-80
9/16-12 NC	70-90	95-120
5/8-11 NC	100-120	135-160
3/4-10 NC	180-220	245-300

Note:

All torque specifications apply to plated or oiled fasteners. When non-plated or dry fasteners are used, increase recommended torque by 20%. When tightening bolts into aluminum parts, decreased recommended torque by 35% of the specified chart value.

3. Installation of cab.

- A. Install the $\frac{1}{4}$ " x 1" self stick sponge rubber to underside of the cab. (Onto the 1" lip) See figure 3A.

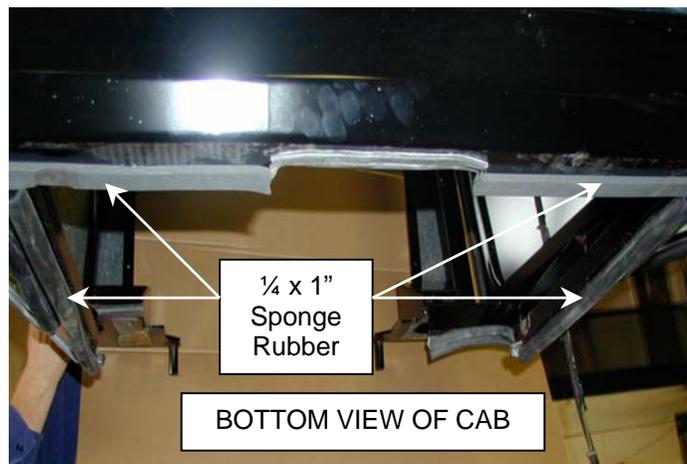


Figure 3A

- B. Lower cab onto tractor and fasten the rear of cab to rear mounts with four $\frac{1}{2}$ " x 1-1/4" Grade 5 bolts, flat washers, lock washers and nuts. Figure 3B. (DO NOT tighten bolts, this time).

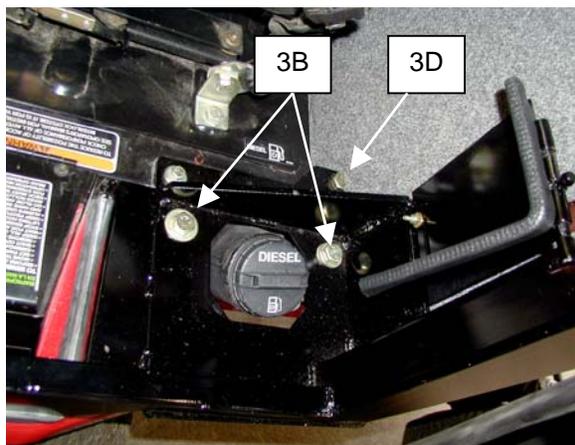


Figure 3B & 3D

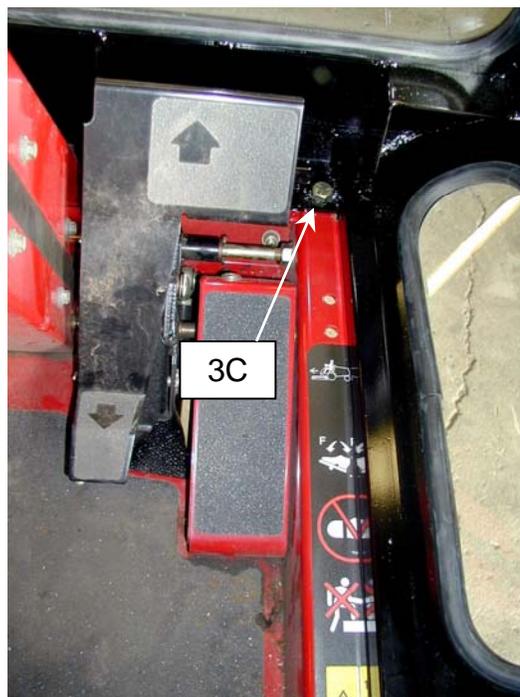


Figure 3C

- C. Make sure that the cab is centered on machine. Match drill two $\frac{17}{32}$ " diameter holes through the pre-punched holes in the cab front and fasten with $\frac{1}{2}$ " x 1" Grade 5 bolts, lock washers and nuts. See Figure 3C. Tighten all bolts thus far installed. Torque to specifications found on the Torque Tightening Chart.
- D. Using the pre-punched hole in the roll bar mount as a template, drill a $\frac{17}{32}$ " diameter hole on both sides through machine and fasten with two $\frac{1}{2}$ " x 3-1/2" Grade 5 bolts, flat washers, lock washers and nuts. See Figure 3D. Tighten and torque bolts to specifications found on the Torque Tightening Chart.

4. Installation of the Pedal Pocket Panel.
 - A. Place the pedal pocket panel on from the bottom side of machine. When it is in the proper position and there is no interference with pedal travel, match drill three 9/32" diameter holes through the pre-punched holes in panel and fasten with three 1/4-20 X 5/8 hexhead screws and serrated flange nuts. See Figure 4.

5. Installation of back panel assembly.
 - A. Re-install the back panel assembly into the cab using 1/4" x 3/4" truss-head screws, flat washers and nylock nuts as shown in Figure 5A and 5B.



Figure 4

NOTE: Some trimming of the interior fabric may need to be done along the bottom edge of panel for a satisfactory seal.

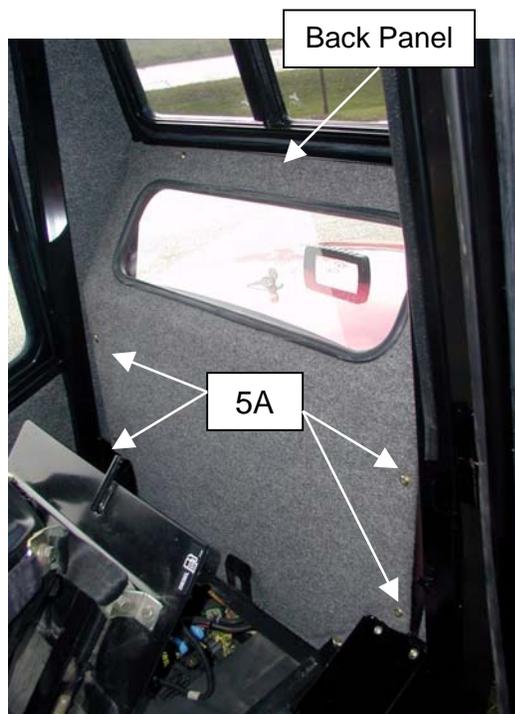


Figure 5A



Figure 5B

6. Installation of seat retention kit and seat belt.
 - A. On seat kit #30769 there will need to be a seat retention kit installed.
 - B. Measure in 1" from the outside edge of seat pan on the high side of rib that runs across seat pan and drill a $17/32$ " diameter hole on each side. See Photo 6.

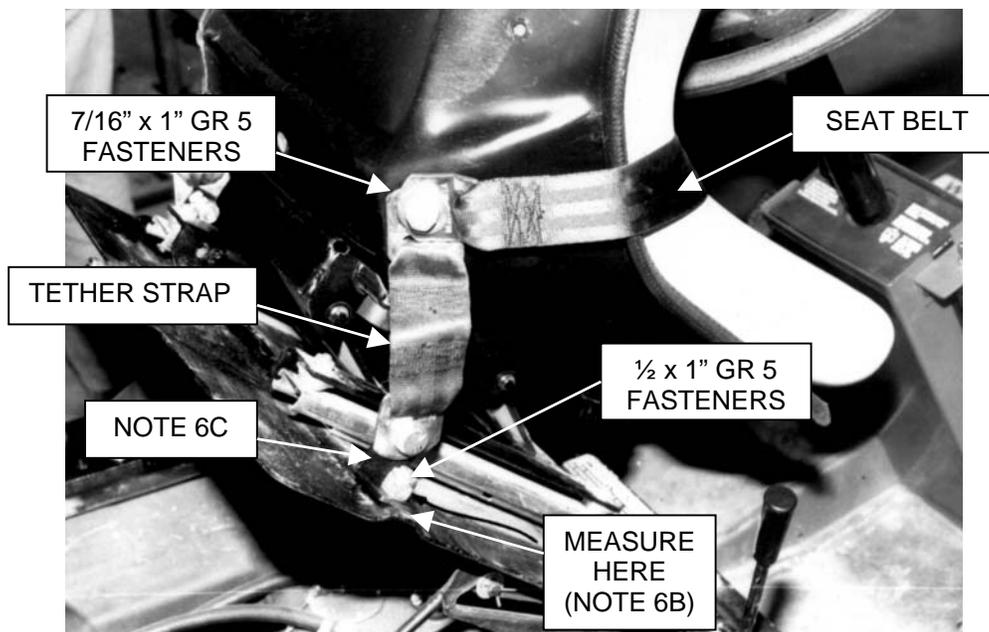


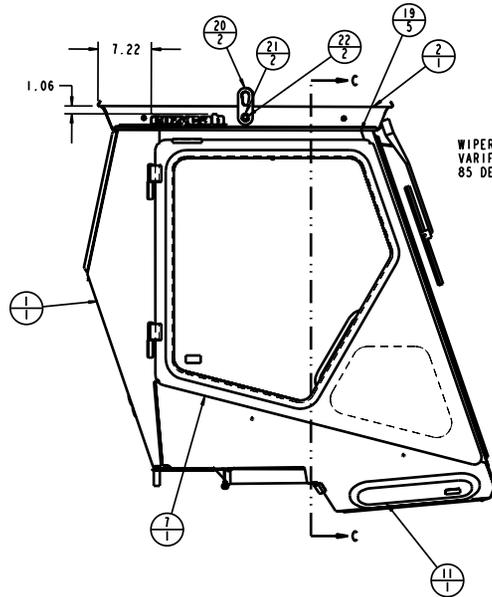
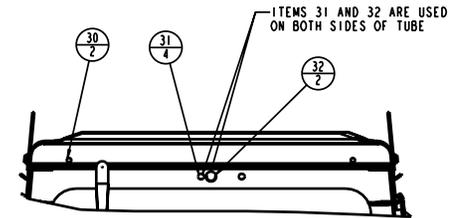
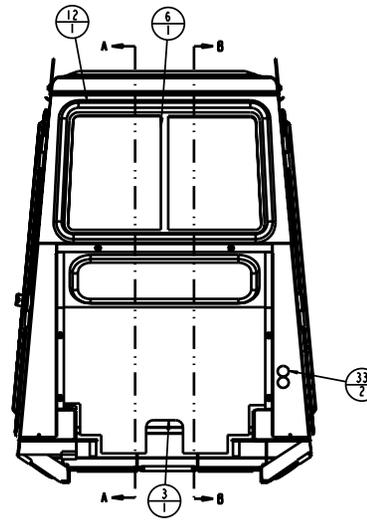
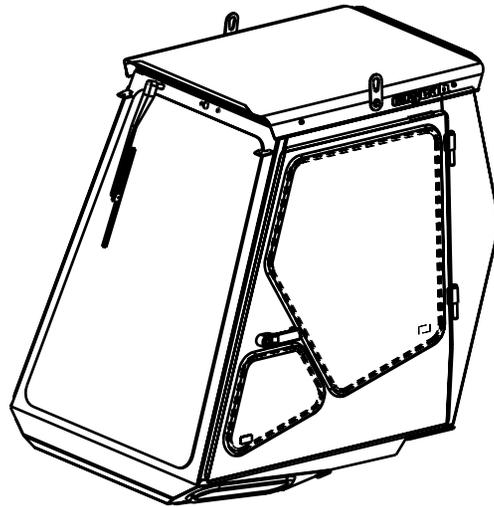
PHOTO 6

- C. Fasten tether strap bracket to seat pan using two $1/2$ " x 1" Grade 5 bolts and nylock nuts. See Photo 6. Torque to specifications found on the Torque Tightening Chart.
 - D. Attach one end of the tether strap to the tether strap bracket using $1/2$ " x 1" Grade 5 bolt and nylock nut. See Photo 6. **NOTE:** Be sure the end of the tether strap can swivel when seat is adjusted.
 - E. Install the other end of the tether strap and seat belt to the back of seat using two $7/16$ " x 1" Grade 5 fine threaded bolts, flat washers and lock washers. See Photo 6. Torque to specifications found on the Torque Tightening Chart.
 - F. If seat kit #30786 is used, the retention kit is not needed. The seat belt attaches to the back of the seat as in See Photo 6.
6. Connection of hot wire for cab options.
 - A. The hot wire assembly comes out the bottom right side of cab. It can be routed through the instrument panel on the tractor fender and connected to the hot side of the solenoid.**NOTE:** Do not install through the ignition switch of machine. The ignition switch may lack the amp capacity required for your cab.

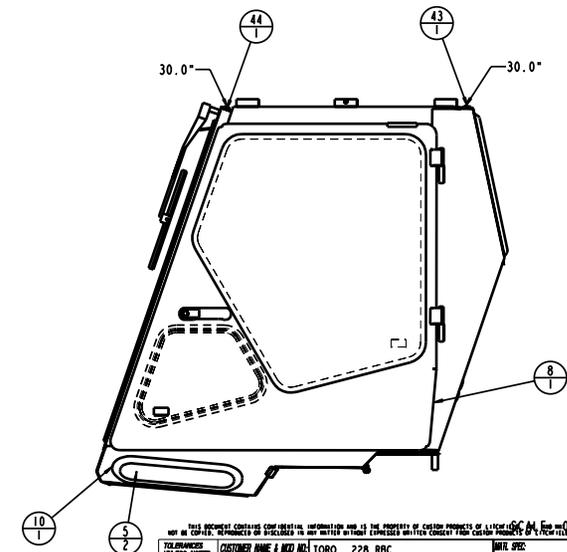
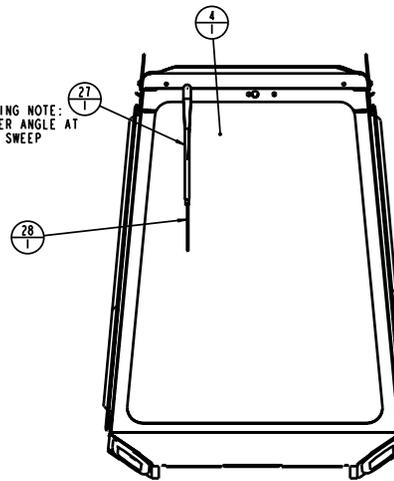
Replacement Parts Description List Assembly, Cab (8-14540)

ITEM #	PART NO.	DESCRIPTION	QTY	U/M
2	8-14543	ASSEMBLY, ROOF	1.00	EA
3	8-14544	ASSEMBLY, REMOVABLE BACK PANEL	1.00	EA
4	3-17688	GLASS, WINDSHIELD	1.00	EA
5	3-17689	GLASS, SIDE LOWER	2.00	EA
6	3-16543	REAR WINDOW ASSEMBLY, SLIDING	1.00	EA
7	8-14541	ASSEMBLY, RIGHT WINDOW	1.00	EA
8	8-14542	ASSEMBLY, LEFT DOOR	1.00	EA
9	3-10649	WINDOW RUBBER, 1/8" OFFSET FOR 1/4" GLASS, WINDSHIELD	12.62	FT
10	3-10649	WINDOW RUBBER, 1/8" OFFSET FOR 1/4" GLASS, LOWER LH	3.62	FT
11	3-10649	WINDOW RUBBER, 1/8" OFFSET FOR 1/4" GLASS, LOWER RH	3.62	FT
12	3-10649	WINDOW RUBBER, 1/8" OFFSET FOR 1/4" GLASS, REAR	5.50	FT
13	8-14549	ASSEMBLY, SWITCHMOUNT PANEL	1.00	EA
14	3-15407	STRIKER STUD W/WASHER, 7/16-14 NC X 1-1/4" LONG	1.00	EA
15	7-15577	WELDMENT, FUEL COVER	1.00	EA
16	3-15993	WINDOW LATCH, PLASTIC, BLACK	1.00	EA
17	3-15576	ROLL PIN, T-HANDLE, 3/16" DIA X 1/2" LONG	1.00	EA
18	3-10448	SCREW, #8 SELFTAP X 1/2" LONG, HEX WASHER HEAD, SLOTTED	3.00	EA
19	3-12057	SCREW, 1/4" SELFTAP X 1/2" LONG, HEX WASHER HEAD, 23 ROLEX	5.00	EA
20	6-20618	LIFTING EAR	2.00	EA
21	3-10086	WASHER, 3/8" FLAT	2.00	EA
22	3-10147	HEX-HEAD BOLT, 3/8-16 NC X 1" LONG, GR 5	2.00	EA
23	3-10084	WASHER, 1/4" FLAT	12.00	EA
24	3-17330	SCREW, #10-24 NC X .75, TRUSSHEAD, PHIL	6.00	EA
25	3-10063	HEX NUT, 1/4-20	6.00	EA
26	3-11098	WIPER MOTOR, 12V, 3" SHAFT, SINGLE SPEED	1.00	EA
27	3-11091	WIPER ARM, 15"-19" ADJ, WWF	1.00	EA
28	3-15081	WIPER BLADE, 14" FLAT, NARROW	1.00	EA
29	3-17130	DECAL, WARNING, 2" X 7-3/8", ROLLOVER	1.00	EA
30	3-11833	HOLE PLUG, BLACK PLASTIC, FOR 1/4" DIA HOLE	2.00	EA
31	3-10721	HOLE PLUG, BLACK PLASTIC, FOR 3/8" DIA HOLE	4.00	EA
32	3-11741	HOLE PLUG, BLACK PLASTIC, FOR 3/4" DIA HOLE	2.00	EA
33	3-10319	HOLE PLUG, BLACK PLASTIC, FOR 1-3/8" DIA HOLE	2.00	EA
34	3-11821	BALL STUD, GAS SPRING, 10MM	1.00	EA
35	3-13024	GAS SPRING, 20 PSI, 6" STROKE, 10MM ENDS	1.00	EA
36	3-10077	WASHER, 5/16" FLAT	1.00	EA
37	3-10064	HEX NUT, 5/16-18 NC	1.00	EA
38	3-10088	WASHER, 3/16" LOCK	2.00	EA
39	3-10103	SCREW, #10-24 NC X .50, TRUSSHEAD, SLOTTED	2.00	EA
40	3-10110	HEX NUT, NYLOCK, #10-24 NC	2.00	EA
41	3-10166	WASHER, 7/16" FLAT	1.00	EA
42	3-10472	HEX NUT, NYLOCK, 7/16-14 NC	1.00	EA
43	3-14815	RUBBER SEAL STRIP, 1/4" X 1", FRONT UPPER	2.50	FT
44	3-14815	RUBBER SEAL STRIP, 1/4" X 1", FRONT UPPER	2.50	FT
45	3-10610	SEAL RUBBER, CLIP-ON BUBBLE, 180 DEGREE, FRONT LOWER	0.75	FT
46	3-10610	SEAL RUBBER, CLIP-ON BUBBLE, 180 DEGREE, LEFT REAR	0.75	FT
47	3-10610	SEAL RUBBER, CLIP-ON BUBBLE, 180 DEGREE, RIGHT	0.75	FT
48	3-10610	SEAL RUBBER, CLIP-ON BUBBLE, 180 DEGREE, RIGHT REAR	0.75	FT
49	3-10610	SEAL RUBBER, CLIP-ON BUBBLE, 180 DEGREE, LEFT	0.75	FT
50	3-14815	RUBBER SEAL STRIP, 1/4" X 1", LOWER FRONT	4.25	FT
51	3-17685	SAFETY TAPE, NON-SKID, BLACK	2.00	FT
52	3-16832	PIN, QUICK RELEASE, 3/16" DIA X 1" LONG	1.00	EA

REV.	DCP NO.	DESCRIPTION	DRAFTSMAN	DATE
A		ADDED 3-11885(MON-SKID TAPE) AND 3-16832(OWICK RELEASE PIN)	SAB	10/17/01
B1		ADDED LOCATION OF DECALS; ADDED WIPER SETTING NOTE	CAD	11/29/02
B2		CORRECTED GASKET - 3-10284 HAS 3-14815	CAD	11/29/02
B3		ADDED ITEM 3-11822 AND 3-17171	CAD	11/29/02
B4		ITEM 39 WAS 1/2" LG	CAD	11/29/02



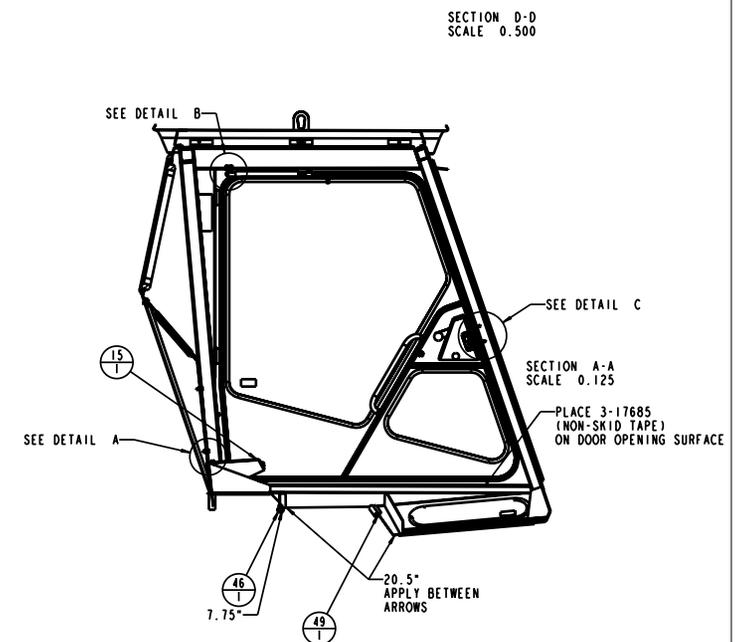
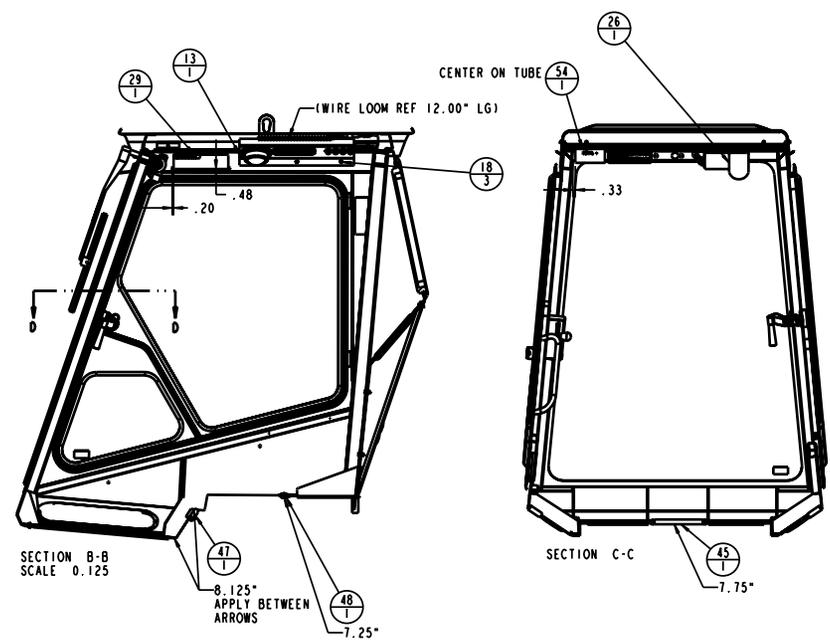
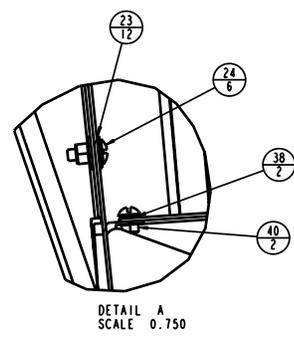
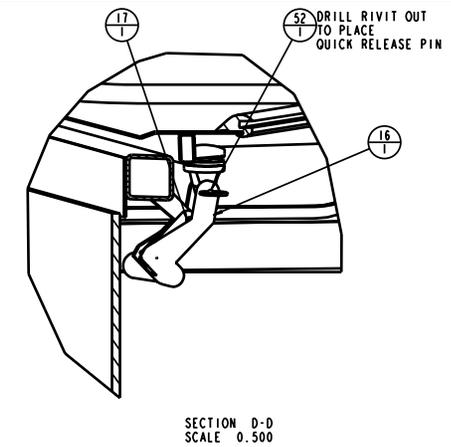
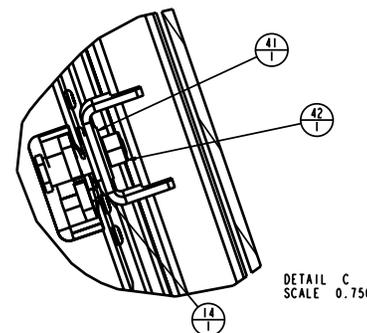
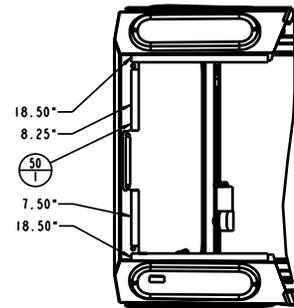
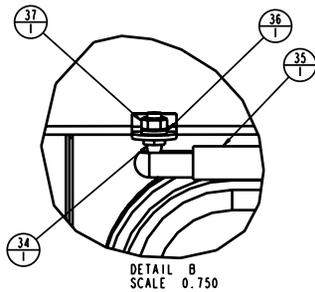
WIPER SETTING NOTE:
VARYIFY WIPER ANGLE AT
85 DEGREES SWEEP



THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCTS OF LITCHFIELD, CT. IT IS TO BE KEPT IN STRICTLY CONFIDENTIAL AND NOT TO BE REPRODUCED OR DISCLOSED TO ANY OTHER PARTY WITHOUT EXPRESS WRITTEN CONSENT FROM CUSTOM PRODUCTS OF LITCHFIELD, CT.

CUSTOMER NAME & ADDR: TORO 228 RDC		MATERIAL SPEC:	
CUSTOM PRODUCTS 776 SOUTH SIBLEY AVE		LITCHFIELD, CT 06026	
DATE:	REV. SEE: 10/01/02	DRAWING NO: 8-14540	REV LEVEL: B
CAB ASSEMBLY		D	
DRAWN: JLT / INE 7-13-01 SH 1 OF 2			

REV.	DCP NO.	DESCRIPTION	DRAFTSMAN	DATE
A		ADDED 3-17685(NON-SKID TAPE) AND 3-16832(QUICK RELEASE PIN)	SAW	10/17/01
B		SEE SHEET 1 OF 2	CAD	1/29/02



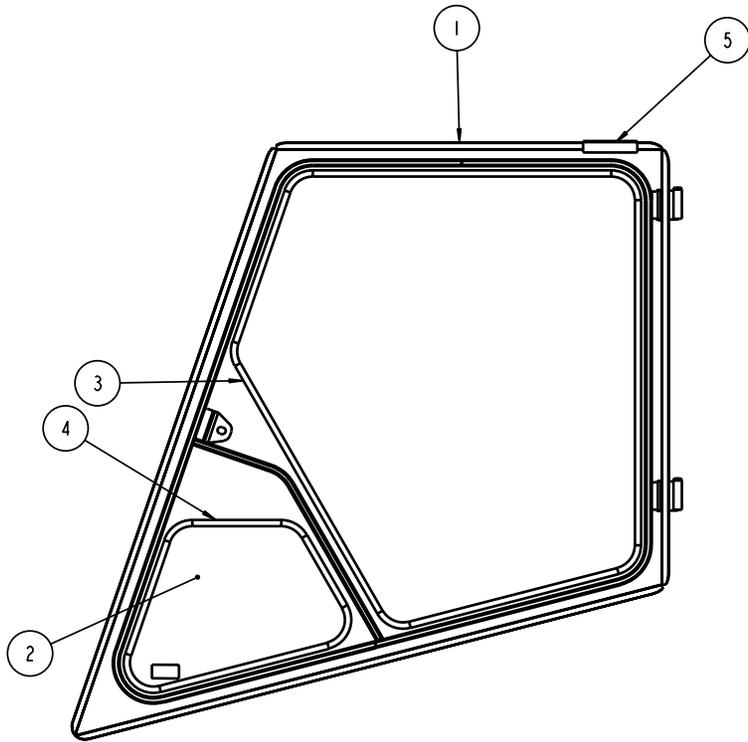
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCTS OF LYTCHFIELD, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO ANY OTHER WITHOUT EXPRESS WRITTEN CONSENT FROM CUSTOM PRODUCTS OF LYTCHFIELD, INC.

TOLERANCES UNLESS NOTED OTHERWISE:	CUSTOMER NAME & MOD NO: TORO 228 RBC	DRAWING NO:
	CUSTOM PRODUCTS 775 SOUTH SHELLEY AVE	
	LITCHFIELD, NH 05355	
SIZE: X ± .00 XX ± .00 XXX ± .00 HOLE SIZE ASSEMBLY ANGLE ± 5°	DESCRIPTION: ASSEMBLY, CAB	REV LEVEL: B
	DATE: D	REV LEVEL: B
	DATE: 8/10/01	REV LEVEL: B
	DATE: 8/10/01	REV LEVEL: B

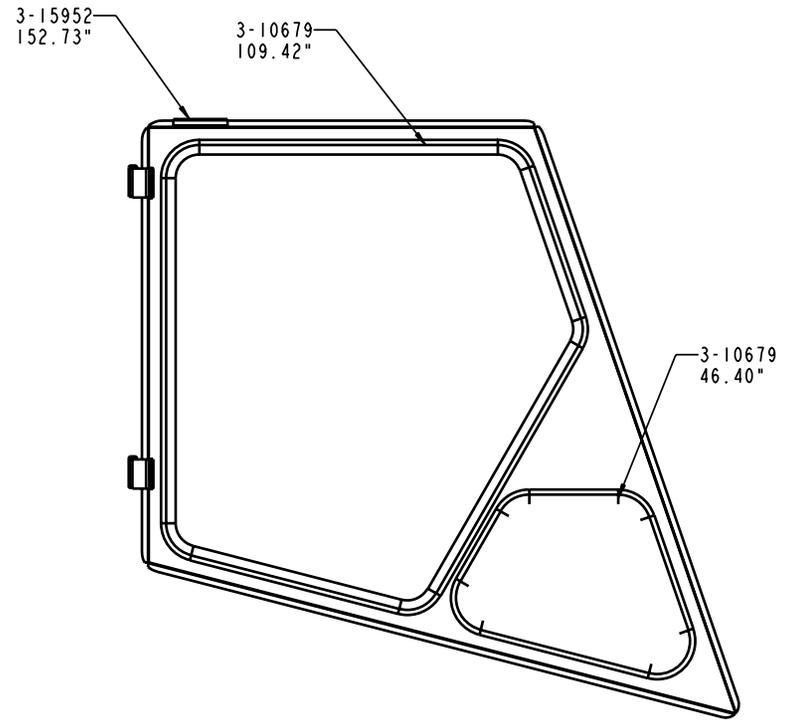
**Replacement Parts Description List
Assembly, Right Door (8-14541)**

ITEM #	PART NO.	DESCRIPTION	QTY
2	3-17690	GLASS, DOOR, UPPER.....	1
3	3-17691	GLASS, DOOR, LOWER.....	1
4	3-10649	WINDOW RUBBER, 1/8" OFFSET FOR 1/4" GLASS, DOOR UPPER.....	9-5/8 FT
5	3-10649	WINDOW RUBBER, 1/8" OFFSET FOR 1/4" GLASS, DOOR LOWER.....	4-1/2 FT
6	3-15952	SEAL RUBBER, CLIP-ON BUBBLE, 90 DEGREE.....	13 FT

REV.	DCR NO.	DESCRIPTION	DRAFTSMAN	DATE
------	---------	-------------	-----------	------



SCALE 0.150

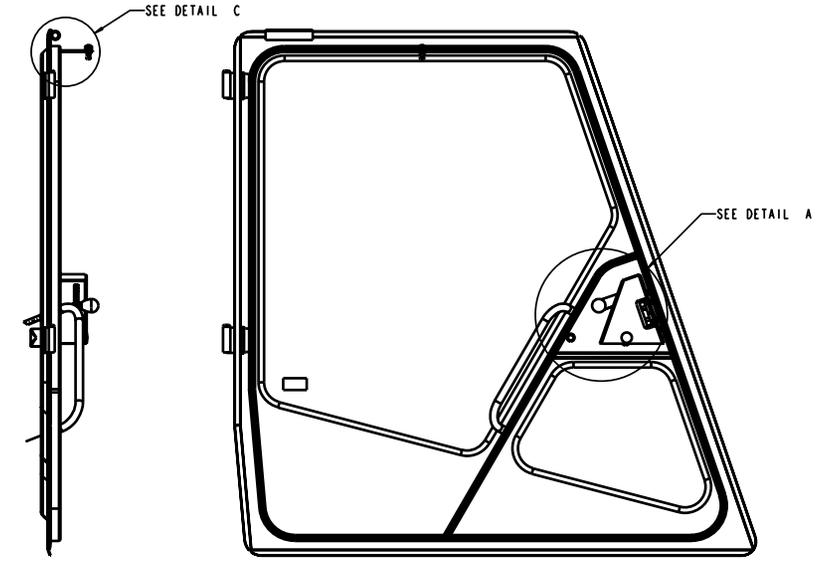
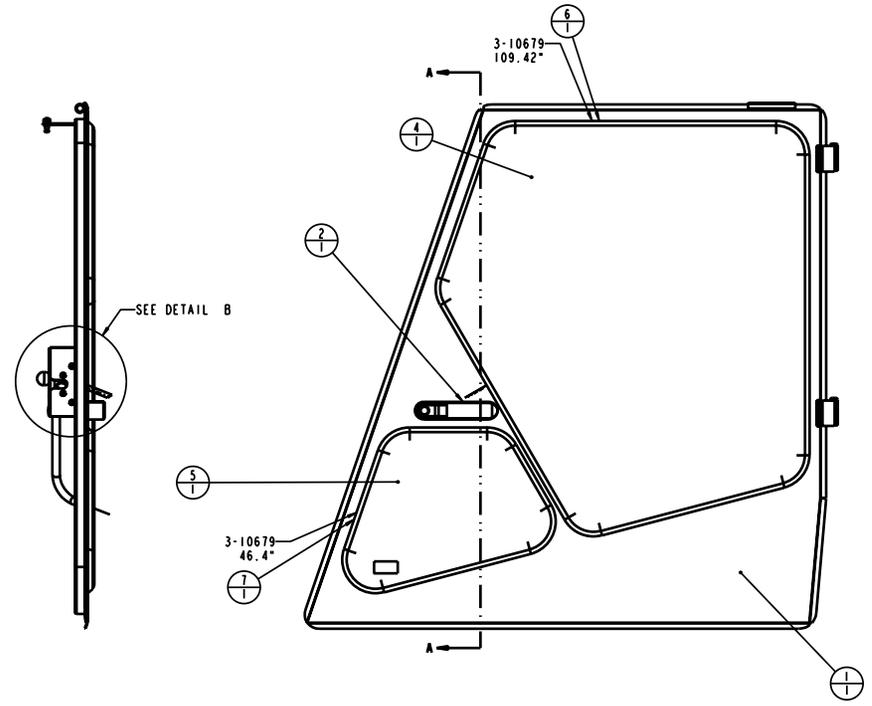
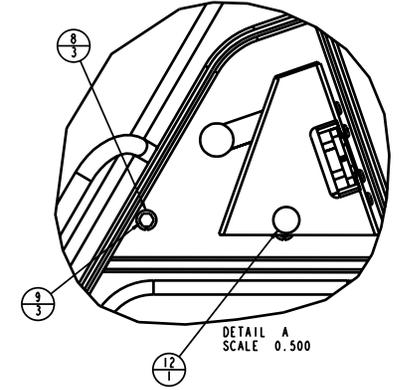
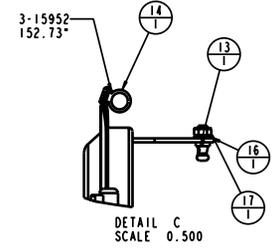
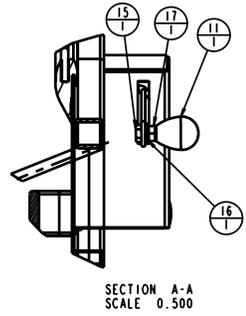
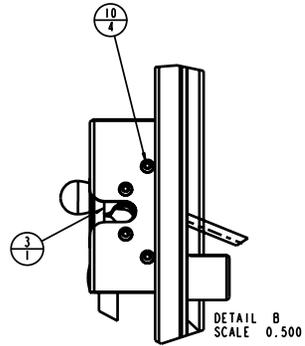


THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCTS OF LITCHFIELD, INC. AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED IN ANY MANNER WITHOUT EXPRESSED WRITTEN CONSENT FROM CUSTOM PRODUCTS OF LITCHFIELD, INC.

TOLERANCES UNLESS NOTED OTHERWISE X ± .09 JXX ± .06 JXXX ± .03 HOLE SIZE /05/.00 ANGLE ± 5°	CUSTOMER NAME & MOD NO.: TORO 228 RBC		MATL. SPEC:	
	CUSTOM PRODUCTS 1715 SOUTH SIBLEY AVE LITCHFIELD, MN 55355			
TITLE ASSEMBLY, RIGHT DOOR		DRWG. SIZE C	DRWG. NO. 8-14541	REV. LEVEL
DRAWN: JLT		DATE: 8/07/01		

Replacement Parts Description List Assembly, Left Door (8-14542)

ITEM #	PART NO.	DESCRIPTION	QTY
2	3-15574	HANDLE, BLACK, PUSH BUTTON.....	1
3	3-15640	ROTARY LATCH, RIGHT HAND (FOR PUSH BUTTON HANDLE).....	1
4	3-17690	GLASS, DOOR, UPPER.....	1
5	3-17691	GLASS, DOOR, LOWER.....	1
6	3-10649	WINDOW RUBBER, 1/8" OFFSET FOR 1/4" GLASS, DOOR UPPER.....	9-5/8 FT
7	3-10649	WINDOW RUBBER, 1/8" OFFSET FOR 1/4" GLASS, DOOR LOWER.....	4-1/2 FT
8	3-10078	WASHER, 3/8" LOCK.....	3
9	3-12692	HEX-HEAD BOLT, M6-15 X 1" LONG, GRD 8.8.....	3
10	3-10106	SCREW, 1/4-20 NC X 5/8" LONG, BUTTON HEAD, TOREX.....	4
11	3-14674	KNOB, TAPERED OVAL, BLACK.....	1
12	3-11741	HOLE PLUG, BLACK PLASTIC, FOR 3/4" DIA HOLE.....	1
13	3-11821	BALL STUD, GAS SPRING, 10MM.....	1
14	3-15952	SEAL RUBBER, CLIP-ON BUBBLE, 90 DEGREE.....	13-3/4 FT
15	3-10228	HEX-HEAD BOLT, 3/16-18 NC X 1" LONG, GRD 5.....	1
16	3-10077	WASHER, 5/16" FLAT.....	2
17	3-10064	HEX NUT, 5/16-18 NC.....	2



SCALE 0.200

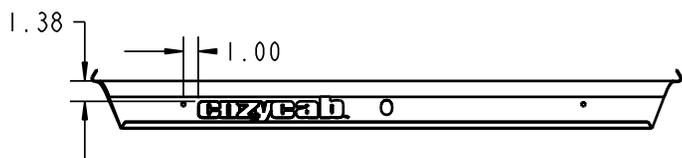
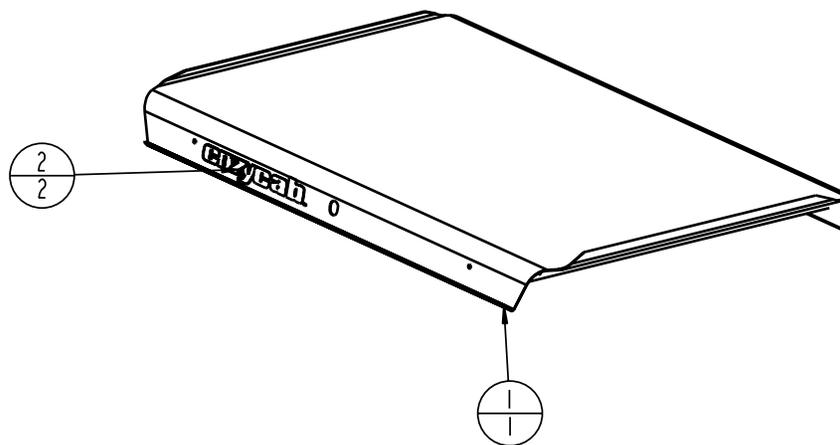
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCTS OF LYFORD, INC. AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED TO ANY OTHER WITHOUT EXPRESS WRITTEN CONSENT FROM CUSTOM PRODUCTS OF LYFORD, INC.

TOLERANCES UNLESS NOTED OTHERWISE:	CUSTOMER NAME & MOD NO. TORO 228 RBC	DATE SPEC
X ± .00	CUSTOM PRODUCTS 715 SOUTH SHELLEY AVE	
XX ± .01	LITCHFIELD, NH 05355	
XXX ± .03		
ANGLE ± 5°	ASSEMBLY, LEFT DOOR	REV LEVEL
	DRW: JLT	DATE: 8/07/01

Replacment Parts Description List
Assembly, Roof (8-15543)

ITEM #	PART NO.	DESCRIPTION	QTY
1	7-15590	WELDMENT, ROOF.....	1
2	3-17559	DECAL, COZY CAB, BLACK.....	2

REV.	DCR NO.	DESCRIPTION	DRAFTSMAN	DATE
------	---------	-------------	-----------	------



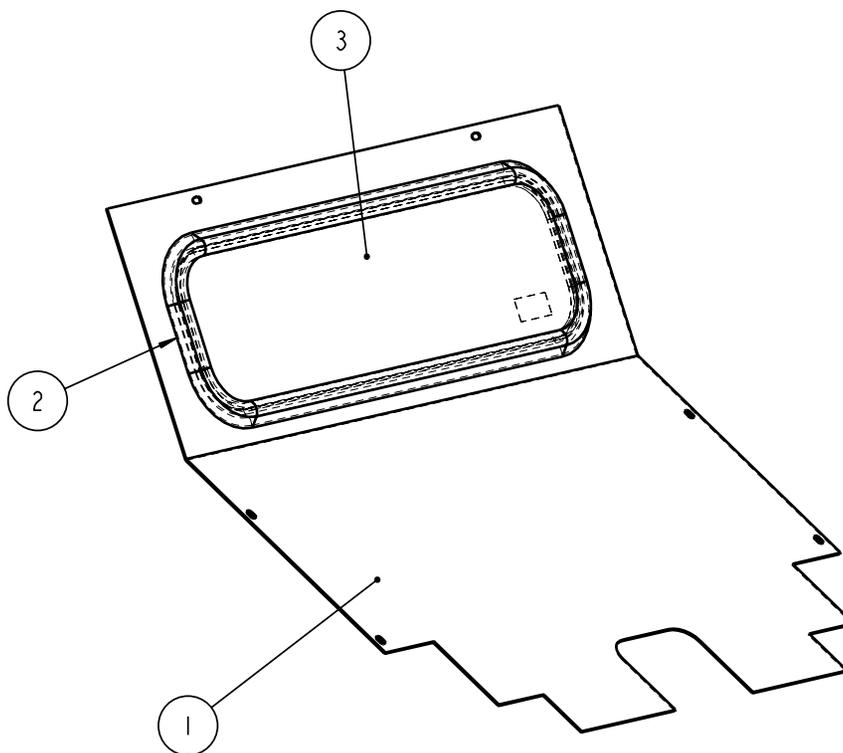
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCTS OF LITCHFIELD, INC. AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED IN ANY MANNER WITHOUT EXPRESSED WRITTEN CONSENT FROM CUSTOM PRODUCTS OF LITCHFIELD, INC. SCALE: 0.125

TOLERANCES UNLESS NOTED OTHERWISE	CUSTOMER NAME & MOD NO.:	TORO 228 RBC		MATL. SPEC:	
	CUSTOM PRODUCTS		1715 SOUTH SIBLEY AVE. LITCHFIELD, MN 55355		
X ± .09 XX ± .06 XXX ± .03 HOLE SIZE 1/16" ± .00 ANGLE ± 5°	TITLE		DRWG. SIZE	DRWG. NO.	REV. LEVEL
	ASSEMBLY, ROOF		B	8-14543	
	DRWING	JLT	DATE	8/8/01	

**Replacment parts Description List
Assembly, Cab (8-14544)**

ITEM #	PART NO.	DESCRIPTION	QTY
1	6-41825	REMOVABLE BACK PANEL.....	1
2	3-10649	WINDOW RUBBER, 1/8" OFFSET FOR 1/4" GLASS, REAR WINDOW.....	5-1/2 FT
3	3-17692	GLASS, REAR.....	1

REV.	DCR NO.	DESCRIPTION	DRAFTSMAN	DATE
------	---------	-------------	-----------	------



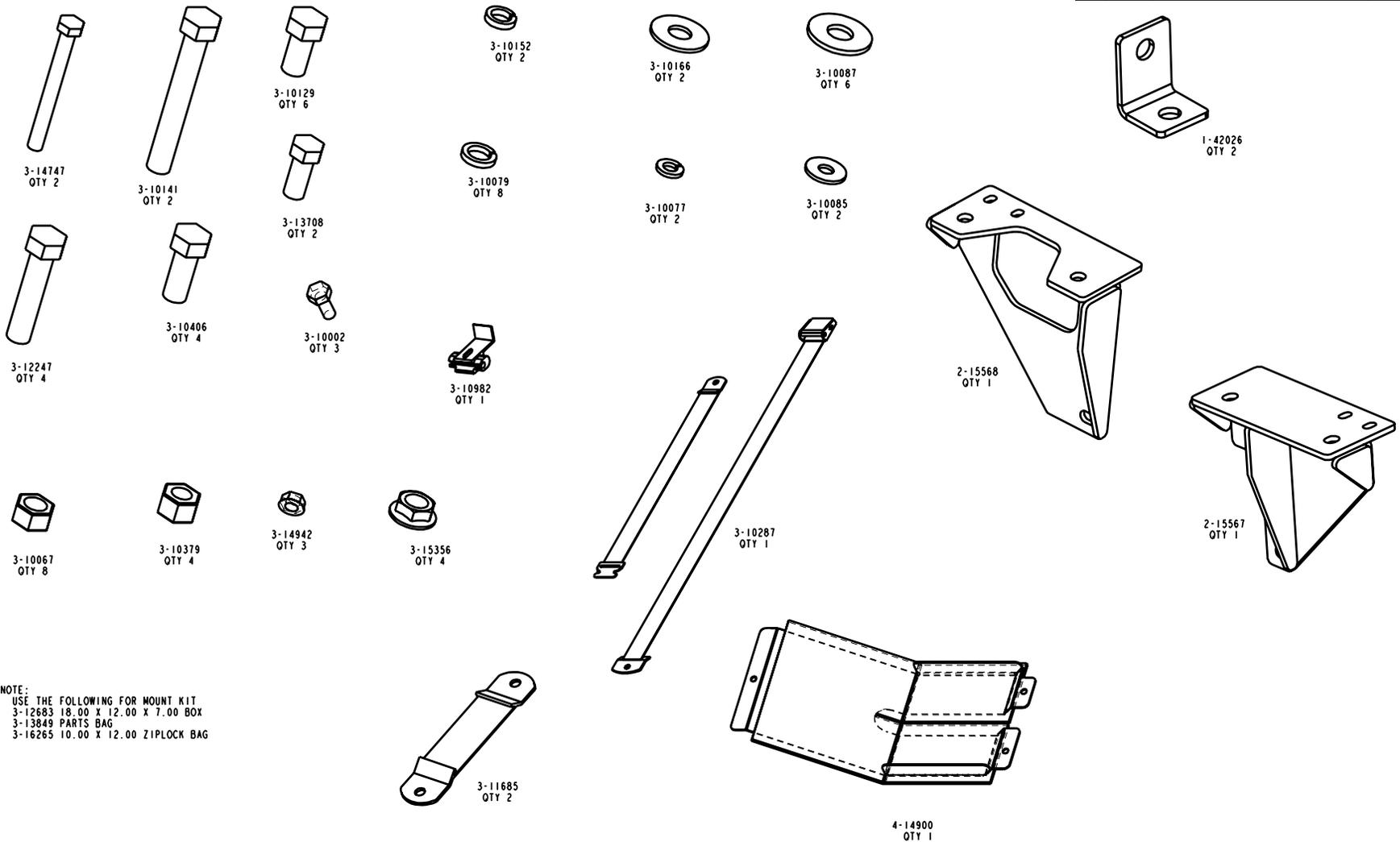
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCTS OF LITCHFIELD, INC. SCALE: 1:1 AND 2:1
 NOT BE COPIED, REPRODUCED OR DISCLOSED IN ANY MANNER WITHOUT EXPRESSED WRITTEN CONSENT FROM CUSTOM PRODUCTS OF LITCHFIELD, INC.

TOLERANCES UNLESS NOTED OTHERWISE	CUSTOMER NAME & MOD NO.:	TORO 228 RBC	MATERIAL SPEC:		
	CUSTOM PRODUCTS 1715 SOUTH SIBLEY AVE. LITCHFIELD, MN 55355				
X ± .09 XX ± .06 XXX ± .03 HOLE SIZE 1/16 ± .00 ANGLE ± 5°	TITLE		DRWG SIZE	DRWG NO.	REV LEVEL
	ASSEMBLY, REMOVABLE BACK PANEL		B	8-14544	
	DRAWN:	JLT	DATE:	8/08/01	

Replacment Part Description List Mounting Kit (8-14545)

PART NO.	DESCRIPTION	QTY
3-10067	HEX NUT, 1/2-13 NC.....	8
3-10077	WASHER, 5/16" FLAT.....	2
3-10079	WASHER, 1/2" LOCK.....	8
3-10085	FLAT WASHER, 5/16".....	2
3-10087	WASHER, 1/2" FLAT.....	6
3-10002	SCREW, 1/4-20 NC X 5/8" LONG, HEXHEAD	3
3-10129	HEX-HEAD BOLT, 1/2-13 NC X 1" LONG, GRD 5.....	6
3-10141	HEX-HEAD BOLT, 1/2-13 NC X 3" LONG, GRD 5.....	2
3-10152	WASHER, 7/16" LOCK.....	2
3-10166	WASHER, 7/16" FLAT.....	2
3-10287	SEAT BELT, 7/16" HOLES, 57" LONG.....	1
3-14924	HEX NUT, SERRATED FLANGE, 1/4-20.....	3
3-10379	HEX NUT, NYLOCK, 1/2-13 NC.....	4
3-10406	HEX-HEAD BOLT, 1/2-13 NC X 1-1/4" LONG, GRD 5.....	4
3-10982	TERMINAL, SPLICE, 3-WAY, 14-18 GA.....	1
3-11685	TEATHER STRAP, 7" LONG, 7/16" HOLES.....	2
3-12247	HEX-HEAD BOLT, 1/2-13 NC X 2-1/4" LONG, GRD 5.....	4
3-13708	HEX-HEAD BOLT, 7/16-20 NC X 1" LONG, GRD 5.....	2
3-14747	HEX-HEAD BOLT, 5/16-20 NC X 3" LONG, GRD 5.....	2
3-15356	HEX NUT, FLANGE CENTER LOCK, 1/2-13 NC.....	4
6-42026	TEATHER STRAP MOUNT.....	2
7-15567	WELDMENT, CAB MOUNT, RIGHT.....	1
7-15568	WELDMENT, CAB MOUNT, LEFT.....	1
8-14900	ASSEMBLY, PEDAL POCKET.....	1

REV.	QDR NO.	DESCRIPTION	DRAFTSMAN	DATE
A	8310	REPLACED 4-14557 PEDAL POCKET WITH 4-14900	SRB	12/17/04
A	8310	REPLACED 3-10183 W/3-10002, 3-10308 W/3-14924	SRB	12/17/04



NOTE:
 USE THE FOLLOWING FOR MOUNT KIT
 3-12683 18.00 X 12.00 X 7.00 BOX
 3-13849 PARTS BAG
 3-16265 10.00 X 12.00 ZIPLOCK BAG

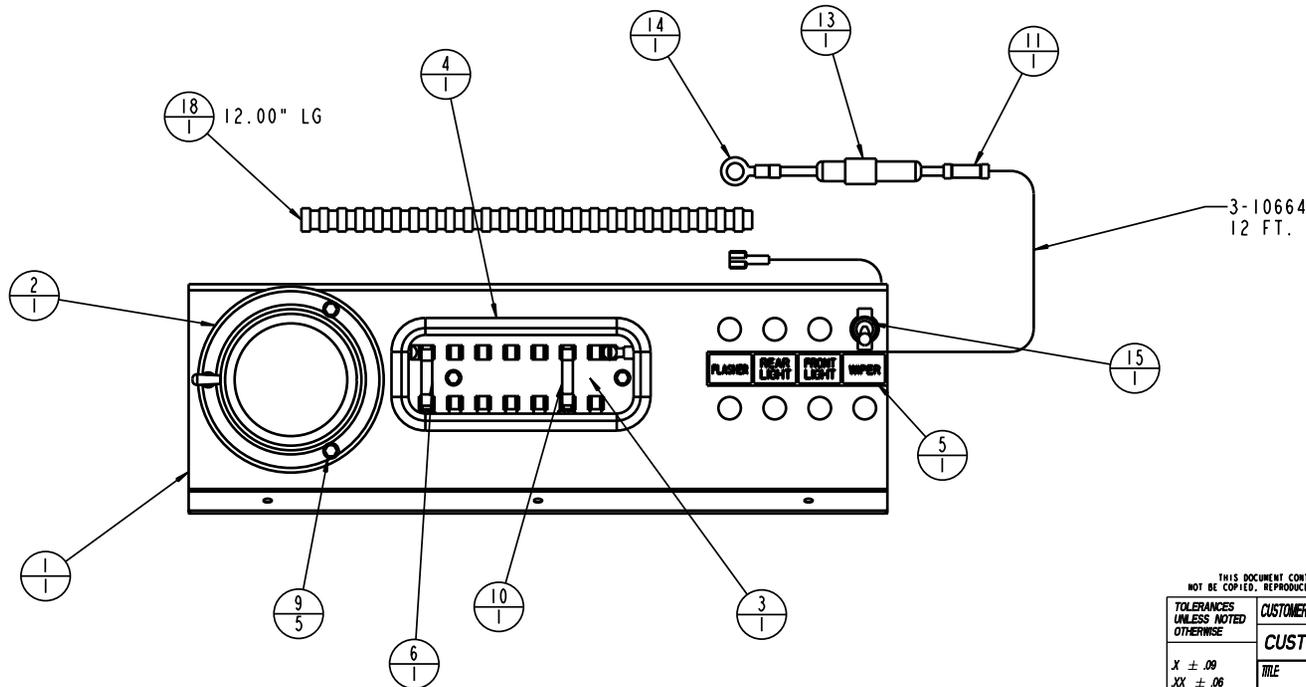
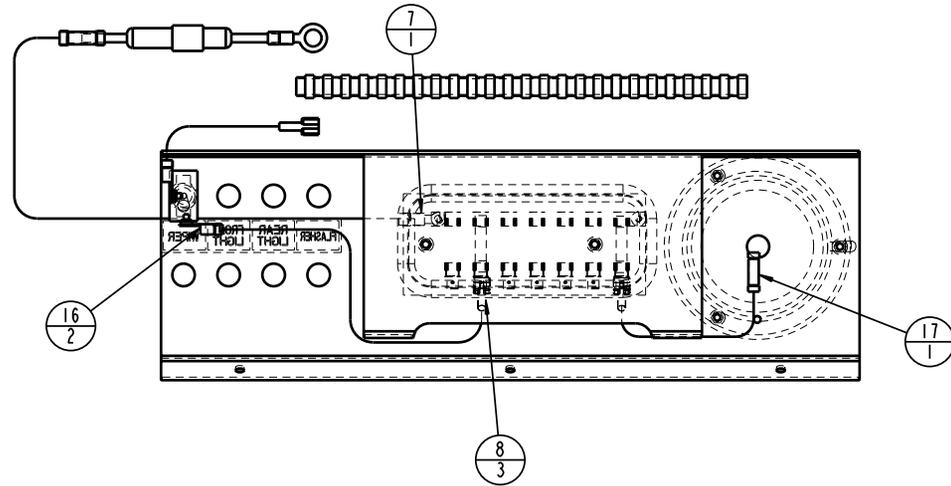
TELEPHONE: UNLESS NOTED OTHERWISE		CUSTOMER NAME & ADDR: TORO 228 HBC	MAIL SPEC	
CUSTOMER PRODUCTS		775 SOUTH SIBLEY AVE LITCHFIELD, MN 55355		
SIZE	UNIT SIZE	UNIT NO.	REV LEVEL	
MOUNTING KIT	D	4-14545	A	
DRAWN: JLT DATE: 8/08/01				

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCTS OF LITCHFIELD, INC. AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED TO ANY PARTY WITHOUT EXPRESS WRITTEN CONSENT FROM CUSTOM PRODUCTS OF LITCHFIELD, INC.

Replacment Parts Description List Assembly, Switchmount panel (8-14549)

ITEM #	PART NO.	DESCRIPTION	QTY
1	7-15578	WELDMENT, ACCESSORY/SWITCH PANEL.....	1
2	3-15906	DOMELIGHT, 12V, ROUND, BLACK.....	1
3	3-13008	FUSE BLOCK, SMALL, 7-POST.....	1
4	3-10647	RUBBER, DEADEX CHANNEL, DELFORD.....	2-1/4 FT
5	3-10320	DECAL, FLASHER, REARE LITE, FRT.....	1
6	3-11686	FUSE, AGC, 5 AMP.....	1
7	3-10305	TERMINAL, 10-12 GA, #10 STUD, RING.....	1
8	3-10670	TERMINAL, SLIDE, FEMALE, 1/4".....	3
9	3-10448	SCREW, #8 SELFTAP X 1/2" LONG, HEX WASHER HEAD, SLOTTED.....	5
10	3-10270	FUSE, AGC, 7-1/2 AMP.....	1
11	3-15655	TERMINAL, BUTT CONNECTOR, 10-12 GA.....	1
12	3-10664	WIRE, RED, 10 GA, GPT.....	10 FT
13	3-17908	FUSE HOLDER, INLINE WITH 30 AMP FUSE.....	1
14	3-10674	TERMINAL, 10-12 GA, 3/8" STUD, RING.....	1
15	3-12096	SWITCH TOGGLE, SPST, WITH ON-OFF PLATE.....	1
16	3-10668	TERMINAL, 14-16 GA, #8 STUD, RING.....	2
17	3-10672	TERMINAL, BUTT CONNECTOR, 14-16 GA.....	1
18	3-10704	WIRE DUCT, .350" ID X .510" OD, BLACK FLEXABLE LOOM.....	10 FT

REV.	DCR NO.	DESCRIPTION	DRAFTSMAN	DATE
------	---------	-------------	-----------	------



SCALE 0.500

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF CUSTOM PRODUCTS OF LITCHFIELD, INC. AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED IN ANY MANNER WITHOUT EXPRESSED WRITTEN CONSENT FROM CUSTOM PRODUCTS OF LITCHFIELD, INC.

TOLERANCES UNLESS NOTED OTHERWISE	CUSTOMER NAME & MOD NO.:	TORO 228 RBC	MATERIAL SPEC:	
	CUSTOM PRODUCTS	1715 SOUTH SIBLEY AVE LITCHFIELD, MN 55355		
X ± .09 XX ± .08 XXX ± .03 HOLE SIZE 1/16 ± .00 ANGLE ± 5°	TITLE	DRWG SIZE	DRWG NO.	REV LEVEL
	ASSEMBLY, SWITCHMOUNT PANEL	C	8-14549	
	DRWNG: JLT	DATE:	8/08/01	