

COZYcab™



MOUNTING INSTRUCTIONS

With Parts Listings and Drawings

for

Toro

Groundsmaster

325D/328D/345 Cab

A-11127

Manufactured by:



BOX 70 • LITCHFIELD, MINNESOTA 55355
Phone: (320) 693-3221 Fax: (320) 693-7252
1-800-222-5463

Website: 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.

Non-ROPS cab must be installed with a 2-post roll bar.

Thoroughly inspect Roll Bar and Roll Bar Mounting periodically.

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

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.

 **WARNING**

ROLL OVER MAY CAUSE PERMANENT INJURY OR DEATH.

TRACTOR WITH CAB MOUNTED HAS A HIGHER CENTER OF GRAVITY THAN TRACTOR WITHOUT CAB:

1. TRACTOR WITH CAB MOUNTED COMPLIES WITH ANSI CERTIFICATION EXCEPT FOR DOWNWARD HILL STABILITY.
2. HILLSIDE STABILITY IS REDUCED ON SIDE SLOPES BUT STILL EXCEEDS ANSI REQUIREMENTS.

 **CAUTION**

THIS CAB IS NOT ROPS (ROLL OVER PROTECTIVE STRUCTURE)

A 2-POST ROPS MUST BE ATTACHED TO THIS UNIT TO PROVIDE ROLLOVER PROTECTION.

DO NOT OPERATE THIS UNIT WITHOUT ROLLOVER PROTECTION.

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. i.e. 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 with proper specification hardware before placing the ROPS back in service.

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

INSTALLATION ADDENDUM Toro Groundsmaster 328-D

FOR COZY CAB A-11127 INSTALLATION

A. Change out switch panels (See Figure A1 & A2).

A1. Remove the existing factory installed switch panel cover.

A2. Remove latch from the factory cover panel and install latch onto the new panel cover 8-13391.



Figure A1

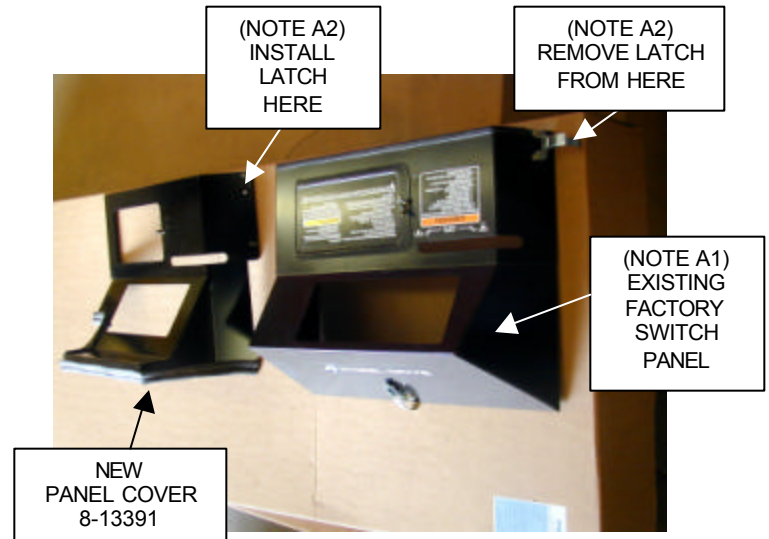


Figure A2

B. NOTCH AREA FOR CORRECT CLEARANCE

B1. Some models will have a clearance notch cut in the relay mounting bracket (See Figure B1).

Verify that this notch is in your model and that the new cover fits correctly once the cab is installed without pinching the wire harness and any wires. If the notch is not present, the new switch panel cover may not fit correctly when the cab is installed. Cut a clearance notch in the relay mounting bracket per Figure B2. The notch shape can be a half circle, 1.00" deep by 2.00" high diameter.

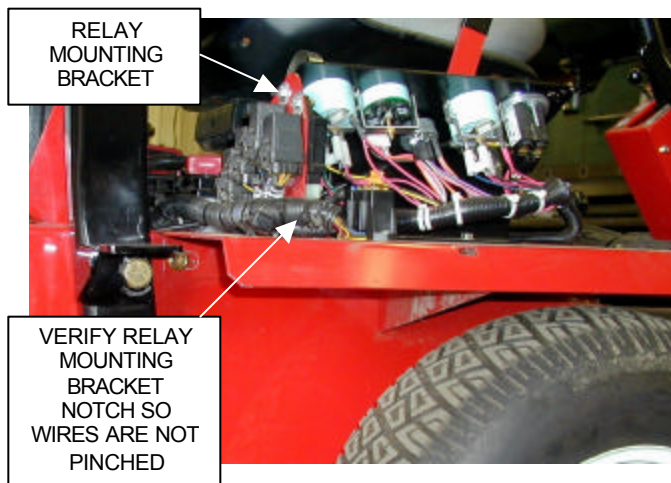


Figure B1

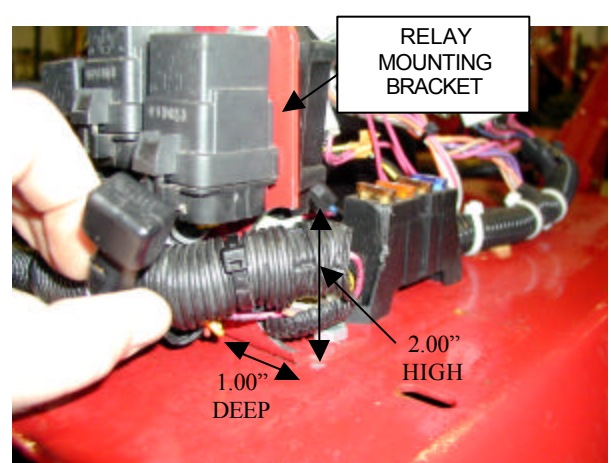


Figure B2

C. Mount cab A-11127 per mounting instruction manual 05-10313 and install the new switch panel cover that comes with the kit (Item 8-13391).

MOUNTING INSTRUCTIONS TORO GROUNDSMASTER 325D/328D/345 CAB (A-11127)

A. PREPARATION OF MACHINE

1. Remove console cover.
2. Loosen seat-mounting bolts in machine frame as shown in Figure 1.
(DO NOT REMOVE BOLTS FROM MACHINE FRAME.)
3. Remove the top mounting bolt from the roll bar and install the short mounting bracket as shown in Figure 2.
4. Install the seat filler panel under the seat as shown in Figure 3. Tighten the seat mounting bolts.
5. Remove the latch from the console cover as shown in Figure 4 and install the latch to the new console cover supplied with the mounting kit.

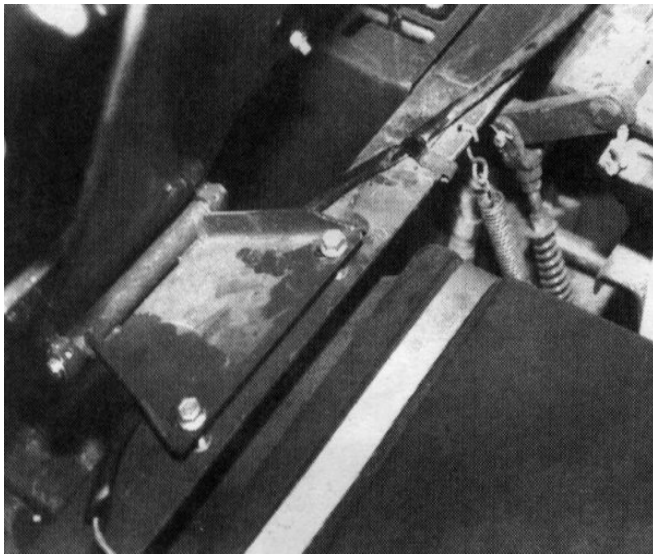


Figure 1

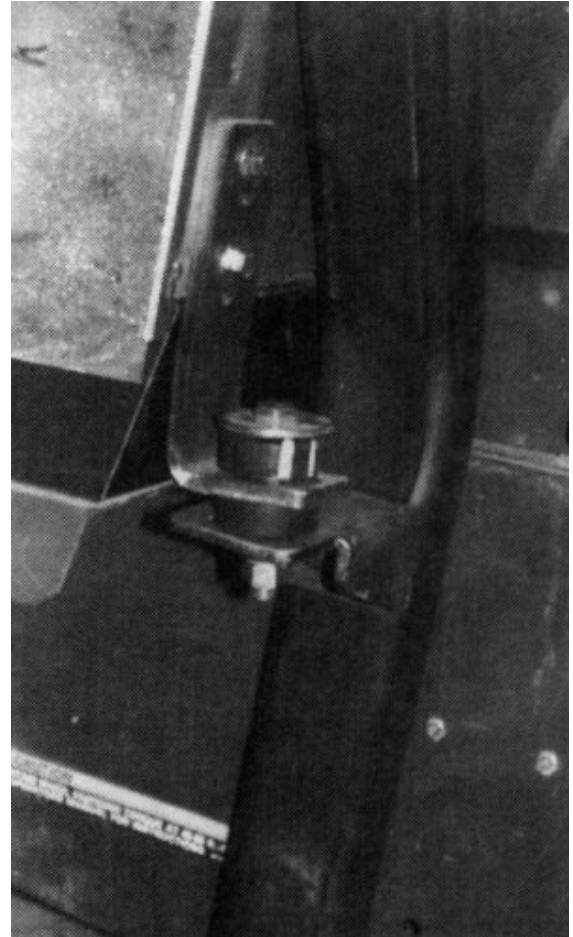


Figure 2

6. Remove linkage arm from the traction pedal and install the pedal pocket as shown in Figure 5. Drill two 9/32" holes in the machine frame using the pocket as a template. Fasten the pocket to the machine frame with 1/4" x 3/4" bolts, flat washers, lock washers and nuts supplied in the mounting kit.
7. Position filler panel on the steering column as shown in Figure 6. Drill two 7/32" holes using the panel as a template. Fasten the panel to the machine using two 1/4" self-tapping screws supplied in the mounting kit.



Figure 3

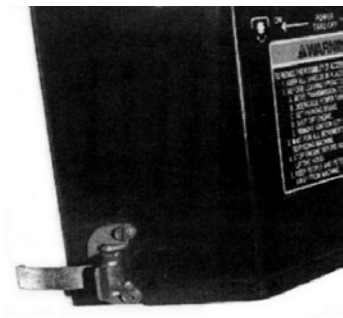


Figure 4

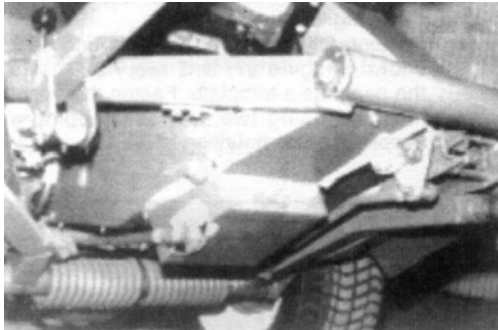


Figure 5

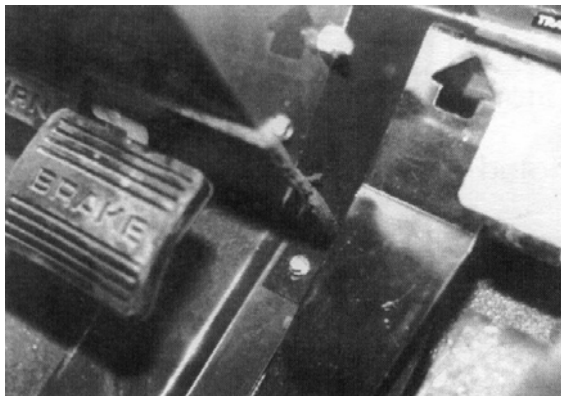


Figure 6

B. INSTALLATION OF CAB

1. Remove cab from the shipping stand. (DO NOT DISCARD THE FRONT MOUNTING HARDWARE)
2. Remove the rear mounting brackets from the cab and discard the shipping hardware. Reverse the brackets and reattach them to the cab with the 3/8" x 1.25 bolts, flat washers and lock washers supplied in the mounting kit.
3. Lower cab onto machine frame. Align the front mounting pads on the cab with the mounting bar on the machine (See Figure 7) and the rear mounting pads with the cab mounting brackets installed in step A-3. (See Figure 8)
4. Fasten cab to machine frame using the hardware from the shipping stand. (See Figure 7 & 8)
5. Install floor mat.

6. Install the new console cover as shown in Figure 9 using the latch installed in step A-5 and a 1/4" self-tapping screw supplied in the mounting kit.

C. POWER HOOK-UP

1. Remove cover panel on right side of cab.
2. Refer to Figure 10 to make wire connections.
3. Tie the power relay to the fuel gauge mounting bracket as shown in Figure 11 using the cable tie supplied in the mounting kit.
4. After making all the wire connections check the power to make sure the relay is connected correctly. (Power should be operational with the ignition key in the ON position only.)
5. Reinstall the cover panel to the right side of the cab.

D. GAS FILLER HOOK-UP

1. Insert the cork gasket into the adapter neck.
2. Remove existing fuel neck cap.
3. Screw the fuel neck adapter onto the fuel tank filler neck. (Figure 12-A)

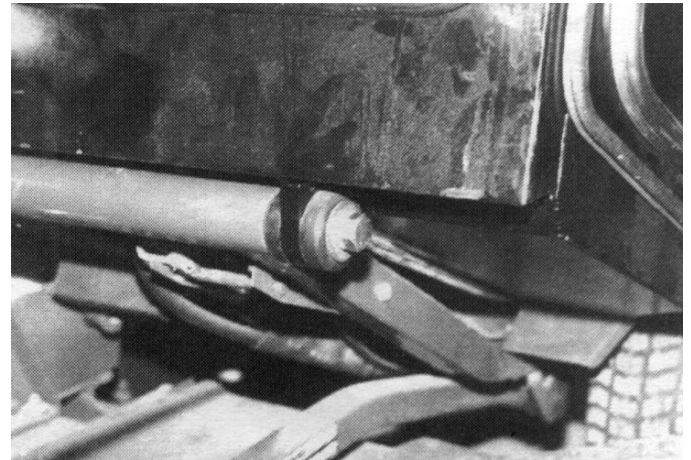


Figure 7

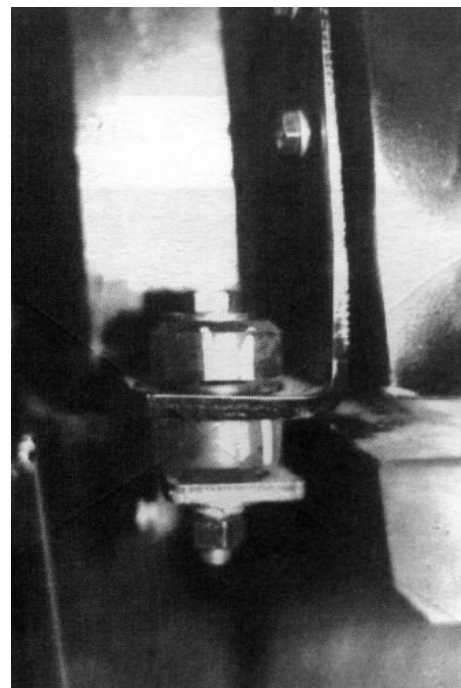


Figure 8

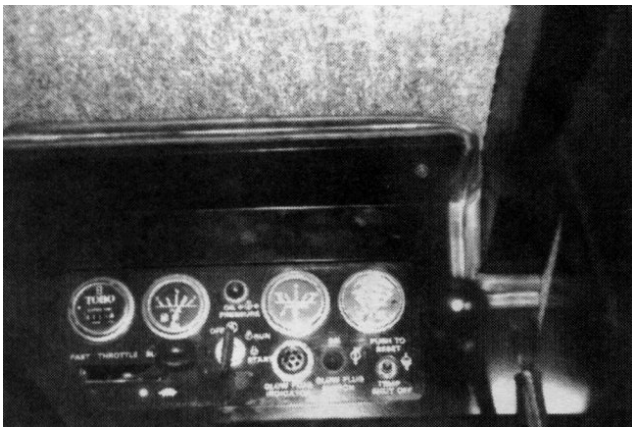


Figure 9

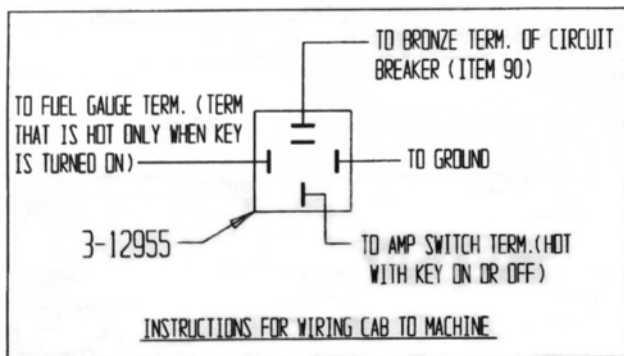


Figure 10

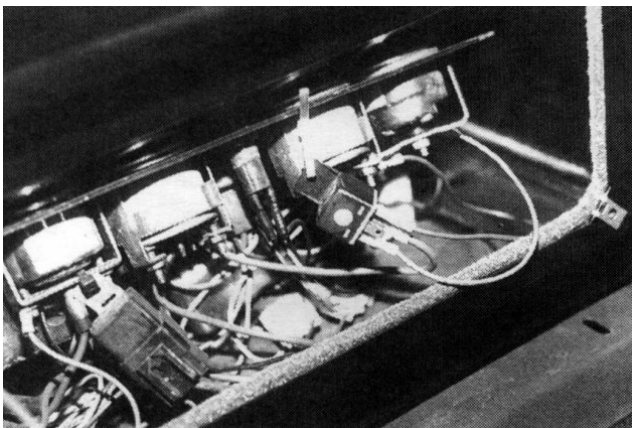


Figure 11

4. Attach 4" piece of rubber hose to each end of elbow using the hose clamps supplied in the mounting kit. (See Figure 19)
5. Install the elbow onto the fuel neck adapter and to the filler neck extension in the side of the cab using the hose clamps supplied in the mounting kit as shown in Figure 12.

C. HEATER HOOK-UP

A. MACHINE PREPARATION

IMPORTANT: When heater system is to be connected to the engine bypass ports it is necessary to assure proper coolant flow. To accomplish this, remove the roof from the cab.

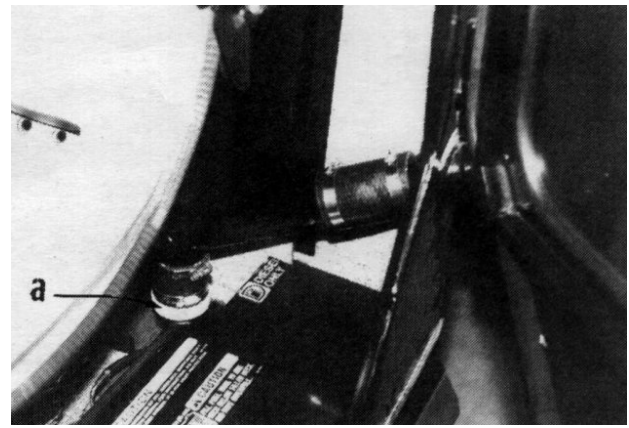


Figure 12

Replace the shutoff valve with an H shutoff valve. Be sure arrow on H-valve is pointing toward the top port on the heater core. See Figure 20 for H-valve connection. Be sure to identify inlet hose to insure correct connection to bypass on engine.

1. Drain coolant from radiator.
2. Secure hoses outside of cab to the frame as shown in Figure 22.

B. FOR GROUNDMASTER 327 GASOLINE ENGINE

1. Remove bypass hose on water pump.
2. Install 90 degree molded hose elbows onto inlet and outlet and secure with original clamps. Figure 13 & 14
3. Insert a steel splice into the elbows as shown in Figure 13. Secure with a hose clamp. Route hose from the top of the H-valve to the outlet side of the water pump. Cut hose and secure to fitting using a hose clamp. Attach remaining hose to inlet side of water pump using a hose clamp.

C. FOR GROUNDMASTER 345 GASOLINE ENGINE

1. Remove bypass hose as shown in Figure 15 and 16. Route hose from the top of the H-valve to the outlet side of the water pump. Cut hose and secure to fitting using a hose clamp. Attach remaining hose to inlet side of water pump using a hose clamp.

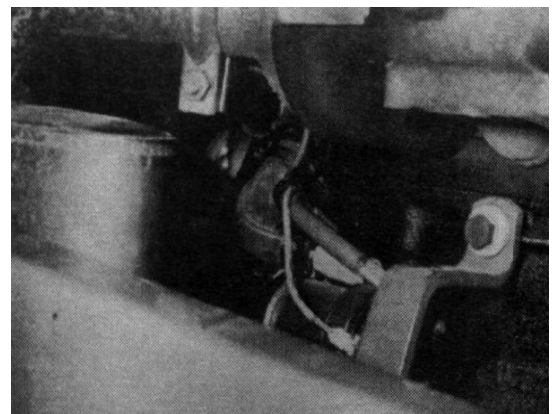


Figure 13

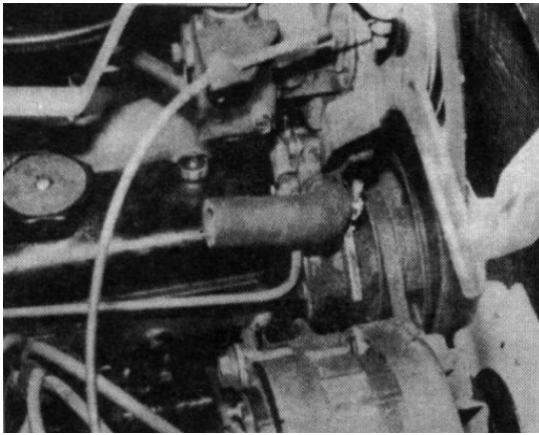


Figure 14

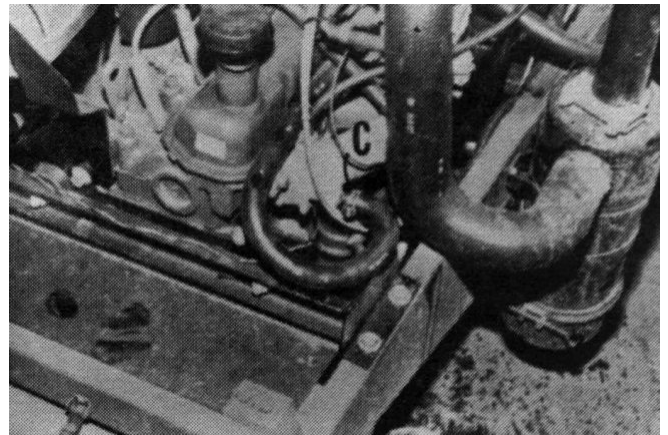


Figure 16

D. FOR GROUNDMASTER 322 DIESEL ENGINE

1. Turn straight 3/8" to 5/8" nipples into the inlet (lower port) and outlet (upper port) of the water pump. Figure 17
2. Determine the length of hose needed to reach the fittings and cut hose. Connect the hose from the top of the H-valve to the top port on the water pump.
3. Secure hose to fittings using hose clamps. Figure 18.

E. FOR GROUNDMASTER 325 DIESEL

1. Remove bypass hose from water pump.
2. Determine the length of hose needed to reach the fittings and cut hose. Connect the hose from the top of the H-valve to the outlet side of the water pump.
3. Secure hose to fittings using hose clamps.

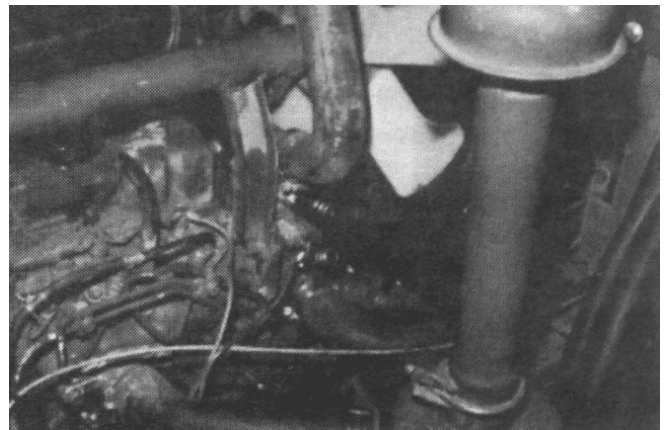


Figure 17

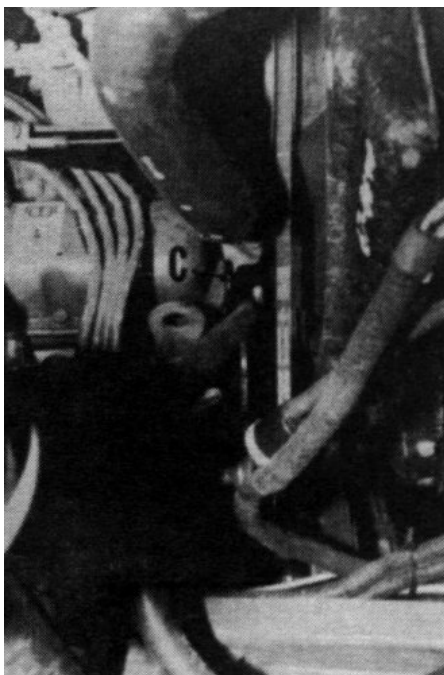


Figure 15

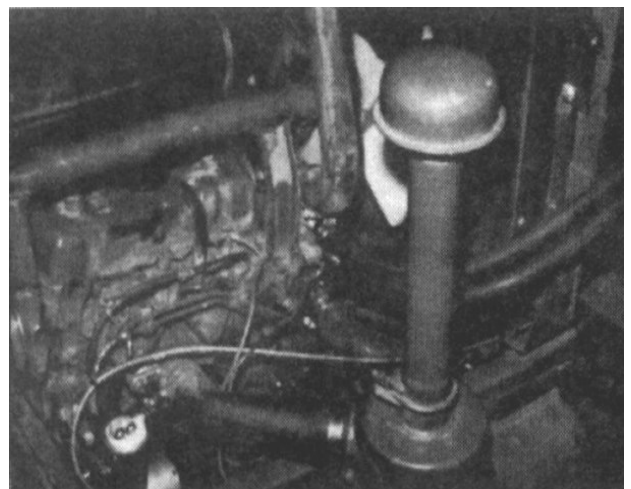


Figure 18

F. FOR GROUNDSMASTER 328 KUBOTA DIESEL ENGINE

Use Teflon tape or pipe dope on all connections.

1. Remove the temperature sender from the thermostat housing.
2. Install a 3/8 pipe nipple x 3" long into the housing.
3. Install a brass tee onto the pipe nipple. Install a hose barb fitting into the top of the tee. Install the temperature sender into the end of the tee. See Figure 21

Figure 21



4. Cut the lower radiator hose and install a "Y" fitting with hose clamps. See figure 24.
5. Connect the heater hoses to the barb fitting and the "Y" fitting with hose clamps.
5. Route hoses as shown in Figures 22 and 23, using plastic ties provided.

Figure 24

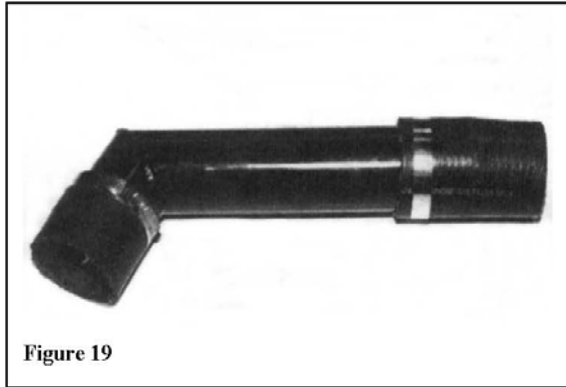
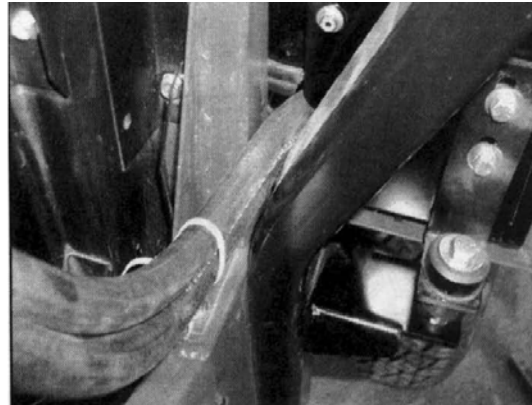


Figure 19



22

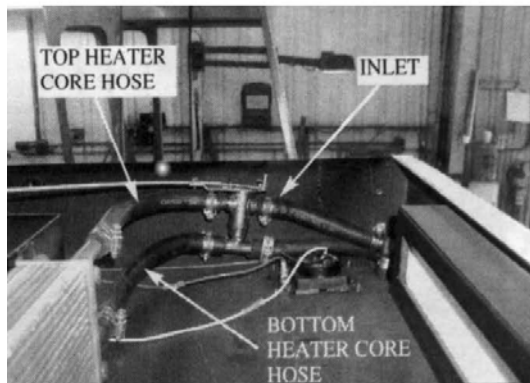
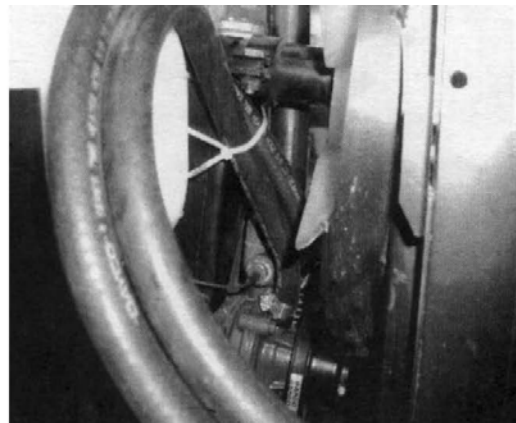


Figure 20

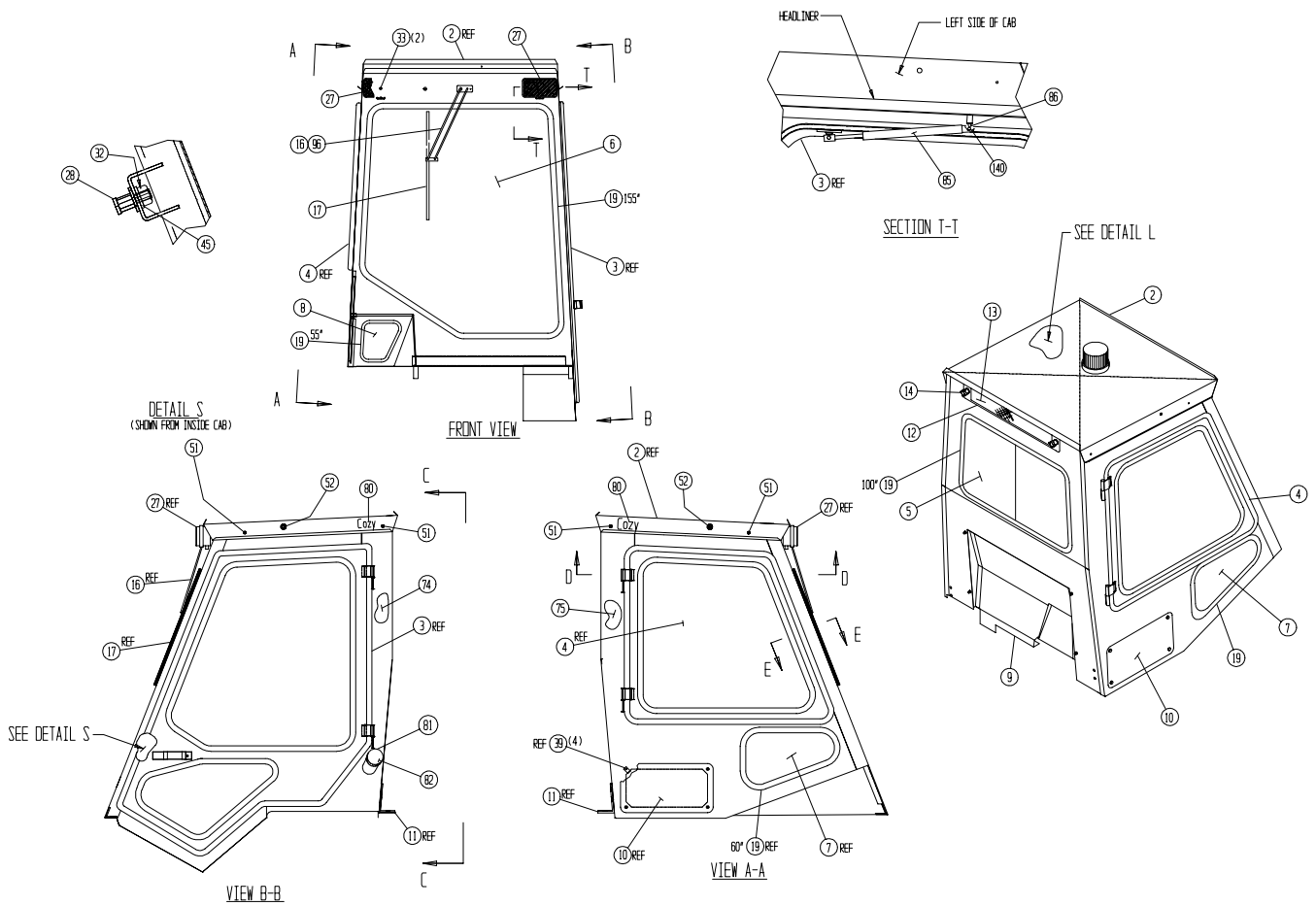


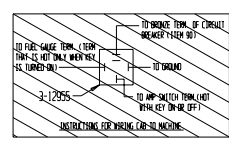
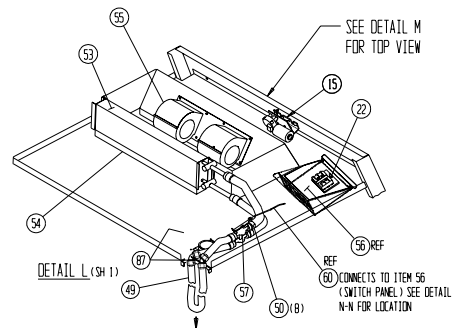
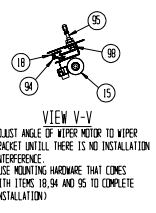
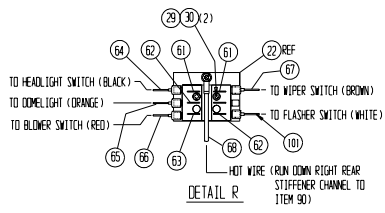
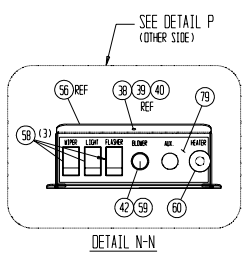
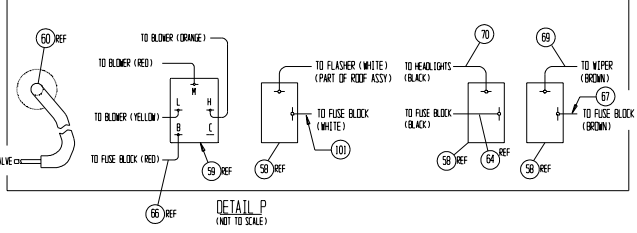
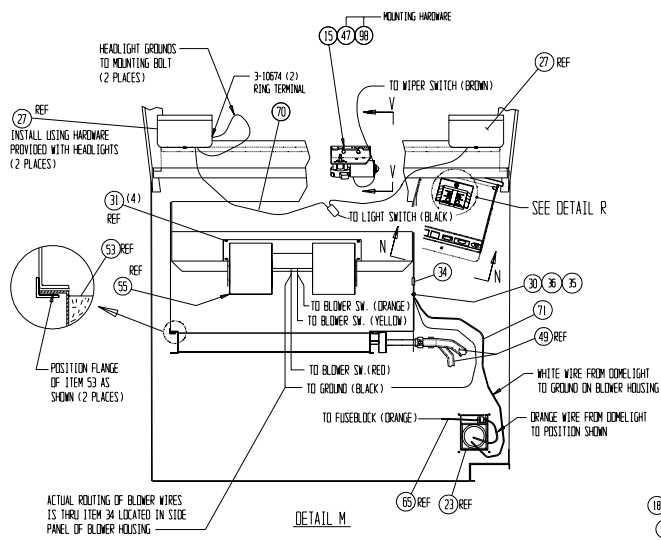
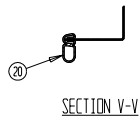
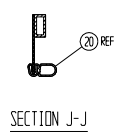
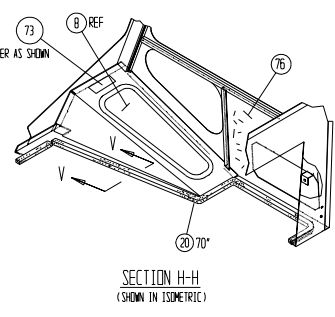
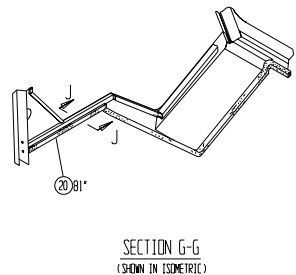
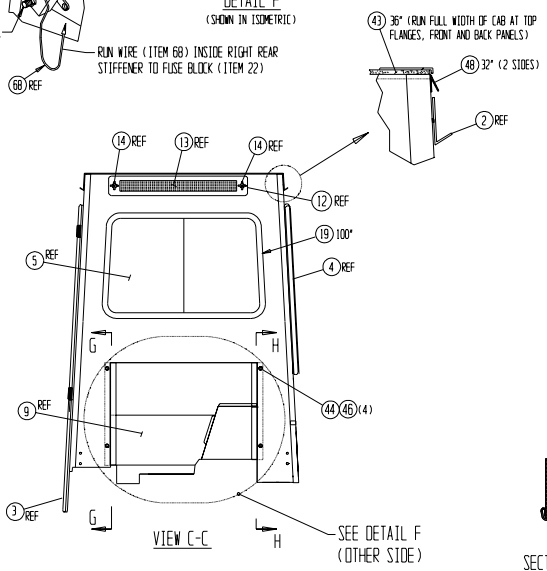
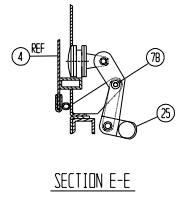
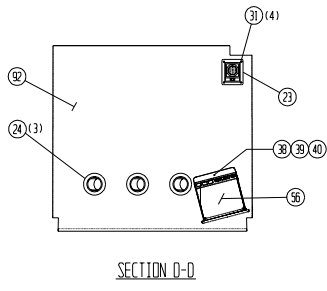
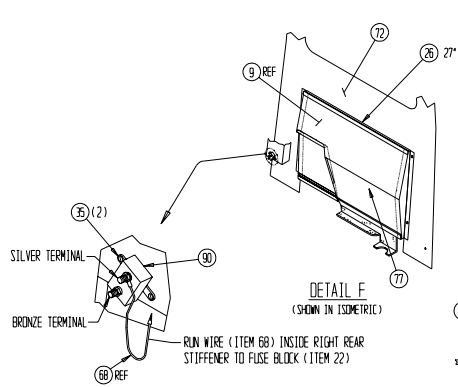
23

3. Shut drain. Fill radiator with coolant.
4. Start engine and run at a fast idle to purge air from the system.

5. Check coolant level after heater core and hoses are filled.
6. Reinstall roof to the cab.

REPLACEMENT PARTS CAB ASSEMBLY (4-14031) TORO 300 SERIES





**REPLACEMENT PARTS
CAB ASSEMBLY (8-14031)
TORO 300 SERIES**

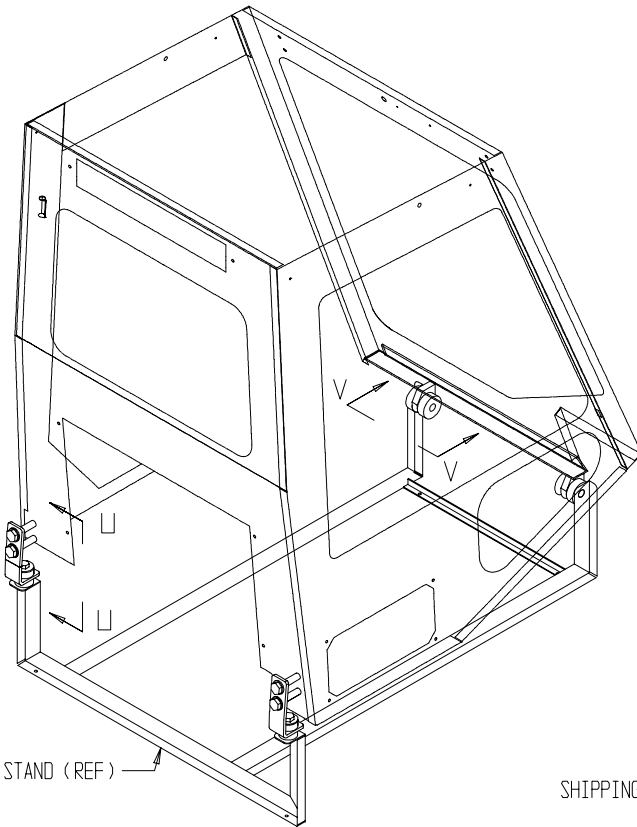
<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
2	1	8-14033	Assembly, Roof
3	1	8-13373	Assembly, Door, Left
4	1	8-13374	Assembly, Window, Swingout
5	1	3-16543	Window, Sliding, Rear
6	1	3-16548	Glass, Windshield
7	1	3-16553	Glass, Right Side, Lower
8	1	3-16552	Glass, Floor
9	1	8-14116	Assembly, Radiator Cover
10	1	8-13377	Assembly, Access Cover
11	2	6-37537	Mount, Rear, Upper
12	1	6-37535	Cover, Air Filter
13	1	3-15944	Air Filter
14	2	3-11318	Knob, Black
15	1	3-15719	Wiper Motor
16	1	3-13359	Wiper Arm
17	1	3-15239	Wiper Blade
18	1	3-12496	Wiper Link, 3.38"
19	30.84'	3-10649	Rubber, Window
20	12.50'	3-10609	Rubber Clip-On 90 Deg.
21	5.92'	3-10610	Rubber Clip-On 180 Deg.
22	1	3-16033	Fuse Block
23	1	3-16555	Dome Light
24	3	3-15594	Louver, Round
25	1	3-15993	Latch, Window
26	2.25'	3-15952	Trim Seal 3/4"
27	2	3-17027	Light, Rect.
28	1	3-15407	Striker Stud
29	2	3-10135	#10-24 Screw X 1"
30	3	3-10110	#10-24 Nut
31	8	3-11812	#10 x 5/8" selftap
32	1	3-10472	7/16" - 14 nylock nut
33	2	3-15389	3/8" Grommet
34	1	3-14441	5/8" Grommet
35	3	3-17331	#10-24 X 1/2" Screw
36	1	3-10088	3/16" Lock Washer
38	1	3-13771	Fastener Screw
39	5	3-13770	Fastener Clip
40	1	3-13772	Fastener Retainer
42	1	3-11173	Knob, Blower
43	6.00'	3-11265	Sponge, Polyfoam, .25 x 1.0 PSA
44	4	3-10070	Nut, Nylock, 1/4-20
45	1	3-10086	3/8" Flat Washer
46	4	3-10084	1/4" Flat Washer
47	1	3-10076	1/4" Lock Washer
48	5.50'	3-11928	Weather Strip, "V" Seal, PSA
49	16'	3-11172	Hose, Heater
50	8	3-10858	Clamp, Hose
51	4	3-10127	1/4" x 3/4" Selftap
52	2	3-10147	3/8" -16 x 1" Bolt
53	1	3-16558	Heater Core
54	1	6-37527	Sealer, Heater Core
55	1	3-15935	Blower, Dual Wheel
56	1	7-14817	Weldment, Switch Panel

**MOUNTING
KIT**

57	1	3-11220	Valve, Heater Temp. Control
58	3	3-16274	Switch, Rocker
59	1	3-15432	Switch, Rotary
60	1	3-10618	Cable, Push-Pull
61	2	3-16057	Fuse, 10 Amp
62	2	3-16581	Fuse, 7.5 Amp
63	1	3-16580	Fuse, 30 Amp
64	1	8-13381	Assy, Wire, Fuse Blk-Headlight Sw.
65	1	8-13382	Assy, Wire, Fuse Blk-Dome
66	1	8-13383	Assy, Wire, Fuse Blk-Blower Sw.
67	1	8-13384	Assy, Wire, Fuse Blk-Wiper Sw.
68	1	8-13385	Assy, Wire, Hot Wire
69	1	8-13386	Assy, Wire, Wiper Sw-Motor
70	1	8-13387	Assy, Wire, Headlight Sw-Light
71	1	8-13388	Assy, Wire, Domelight-Ground
72	1	6-37522	Polyfoam, Rear
73	1	3-17130	Decal, Warning
74	1	6-37524	Polyfoam, Left Side
75	1	6-37525	Polyfoam, Right Side
76	1	6-37526	Polyfoam, Right Side Bot.
77	1	6-37528	Polyfoam, Radiator Cover
78	1	3-15576	Roll Pin
79	1	3-16631	Decal, Switch Panel
80	2	3-11853	Decal, Cozy
81	1	3-12056	Decal, Diesel
82	1	3-16632	Cap, Gas
85	1	3-11929	Gas Spring, 6"
86	1	3-11821	Ball Stud
87	2	3-10282	Elbow, 90 Deg.
90	1	3-11317	Circuit Breaker, 40 Amp
92	1	6-37669	Polyfoam Panel, Headliner
94	1	3-15722	Wiper Drive Arm
95	1	3-16058	Wiper Shaft Assembly, WWJ
96	1	3-16211	Pantographic Adapter Kit
98	2	3-14837	1/4 - 28 x 3/4 Bolt
101	1	8-14036	Assembly, Wire, Fuse Block/Flasher Switch
102	1	8-13391	Assembly, Switch Cover
105	1	6-37534	Floormat
106	1	8-13169	Pedal Pocket Assembly
107	1	8-13931	Assembly, Filler Panel, Seat
110	1	8-12981	Cover, Steering Console
111	1	7-14814	Weldment, Gas Filler Tube
112	2	6-37650	Hose, Gas Filler Tube
113	1	3-16661	Filler Neck Adapter
114	2	3-12119	Nipple, 3/8" Npt To 5/8" Hose
115	2	3-16786	Steel Splice, Heater Hose
117	1	3-12955	Relay, 30 Amp
118	2	3-11551	Hose, Heater, Elbow, 90 Deg.
119	1	3-11255	Clamp, Heater Hose, Double
120	8	3-10858	Clamp, Hose, #10
121	4	3-10301	Clamp, Hose, 2 1/16"-3"
122	1	8-13935	Assy, Wire, Relay-Amp. Switch
123	1	8-13936	Assy, Wire, Relay-Ground
124	1	8-13937	Assy, Wire, Relay-Circuit Breaker
125	1	8-13938	Assy, Wire, Relay-Fuel Gauge
126	3	3-10127	1/4" x 3/4" Selftap
127	2	3-10219	1/4"-20 x 3/4" Bolt
128	2	3-10063	1/4" Hex Nut
129	3	3-10725	Cable Tie, Nylon
130	1	3-16662	Washer, Gasket, Cork Nitrile
131	1	8-12983	Assembly, Bot Steering Wheel

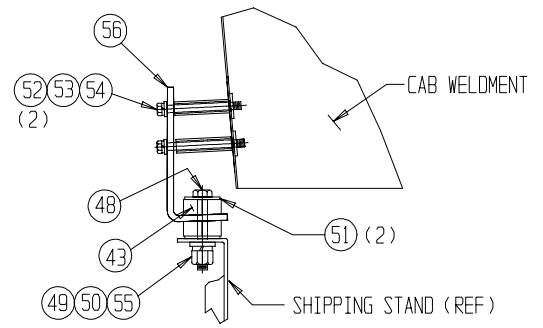
**continued
MOUNTING
KIT**

132	4	3-10394	3/8" - 16 x 1 1/4 Bolt
133	4	3-10086	Washer, Flat, 3/8"
134	4	3-10078	Washer, Lock, 3/8"
135	2	3-10076	Washer, Lock, 1/4"
136	2	3-10084	Washer, Flat, 1/4"
137	1	7-15068	Mount, Left Bottom, Short
138	1	7-15069	Mount, Right Bottom, Short
139	3"	3-17678	Hose, Heater, 3/8" ID
140	2	3-11822	Clip, Gas Spring

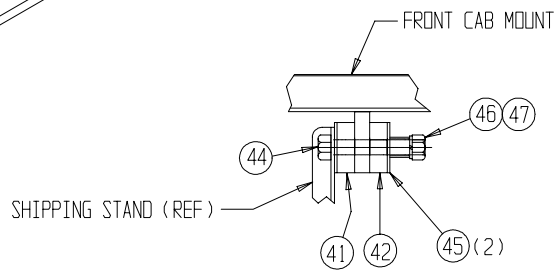


SHIPPING STAND (REF)

CAB TO SHIPPING STAND
MOUNTING INSTRUCTIONS



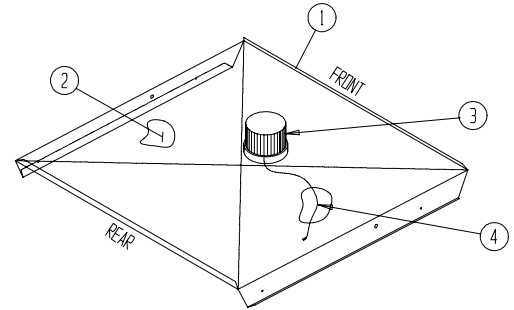
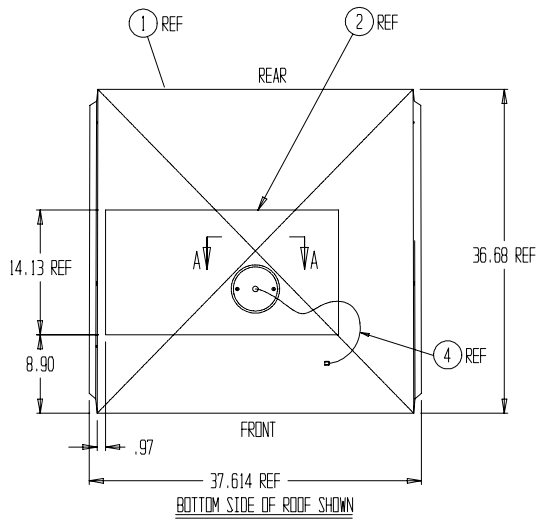
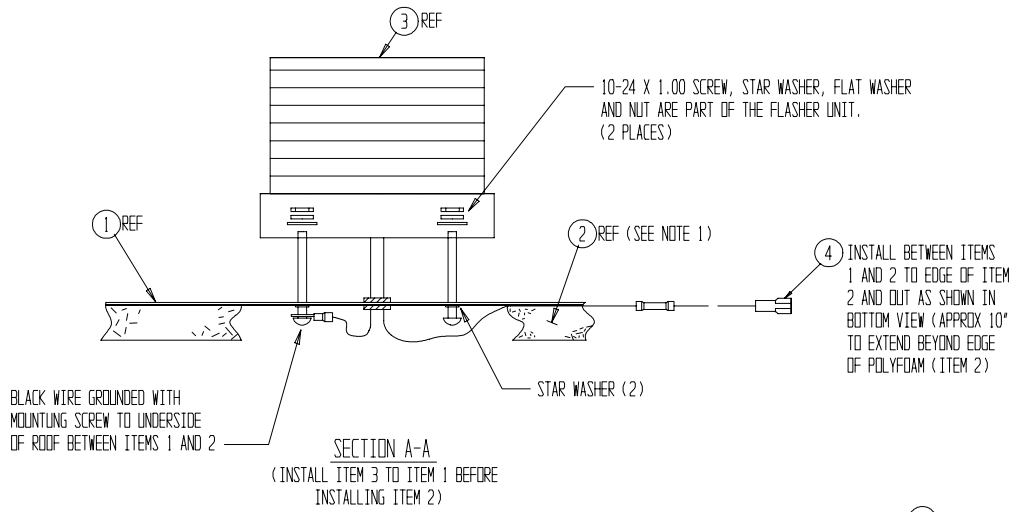
DETAIL U-U
(TYP 2 PLACES)



DETAIL V-V
(TYP 2 PLACES)

**REPLACEMENT PARTS
SHIPPING STAND (7-14816)
TORO 300 SERIES**

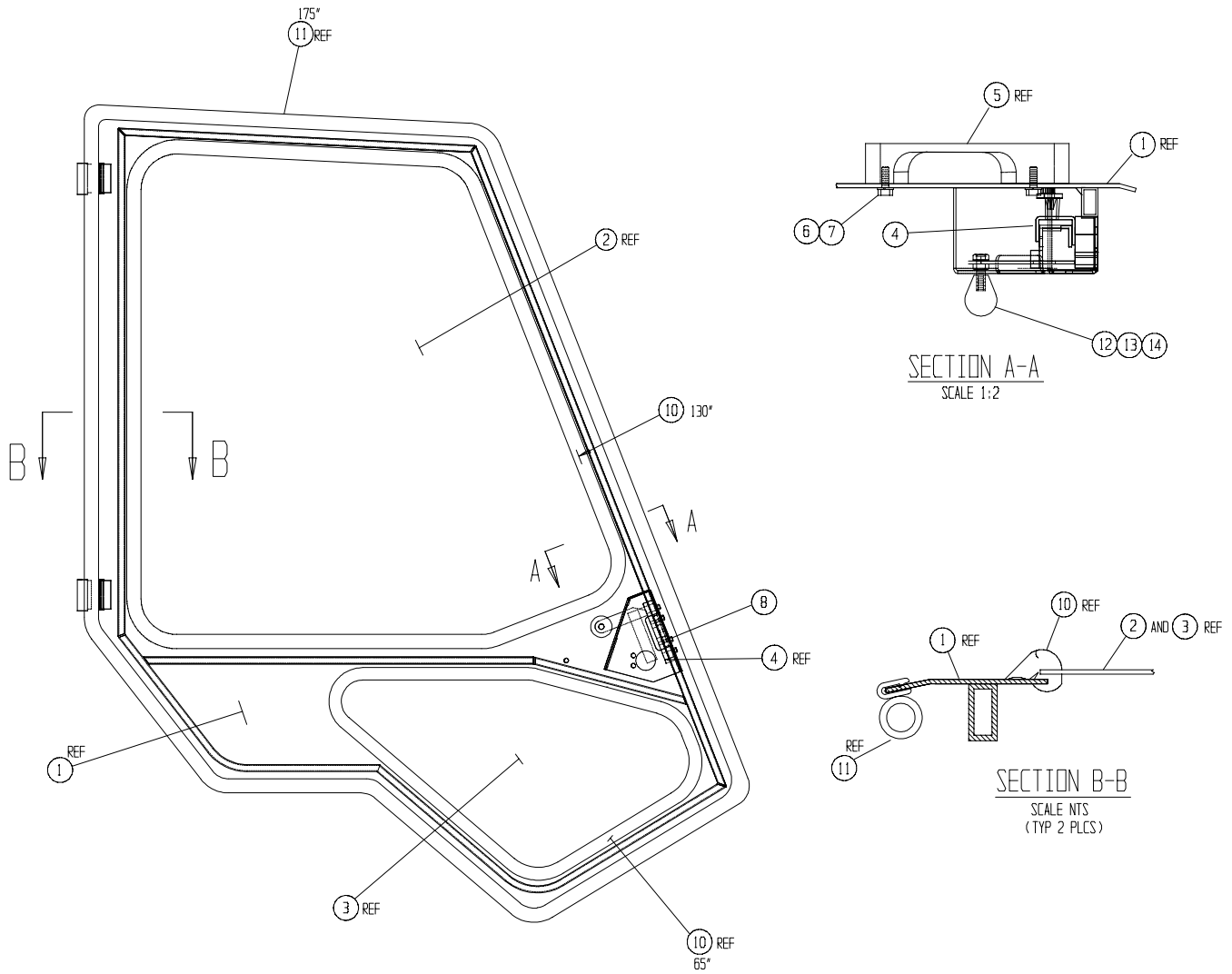
<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
41	2	3-11273	Mount, Rubber
42	2	3-11275	Mount, Rubber
43	2	3-16635	Mount, Rubber, Isolation
44	2	3-10155	3/4"-10 x 4.5 Bolt, Grade 5
45	2	3-10142	3/4" Flat Washer
46	2	3-10081	3/4" Lock Washer
47	2	3-10069	3/4"-10 Hex Nut
48	2	3-10141	1/2"-13 x 3.5 Bolt
49	2	3-10067	1/2"-13 Hex Nut
50	2	3-10079	1/2" Lock Washer
51	2	3-16636	Washer, Snubbing
52	4	3-10396	3/8"-16 x 4.0 Bolt
53	4	3-10086	3/8" Flat Washer
54	4	3-10078	3/8" Lock Washer
55	2	3-10087	1/2" Flat Washer
56	2	6-37537	Mount, Rear Upper



NOTE: 1. ATTACH ITEM 2 TO ITEM 1 USING ITEM 5

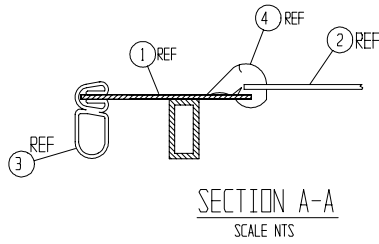
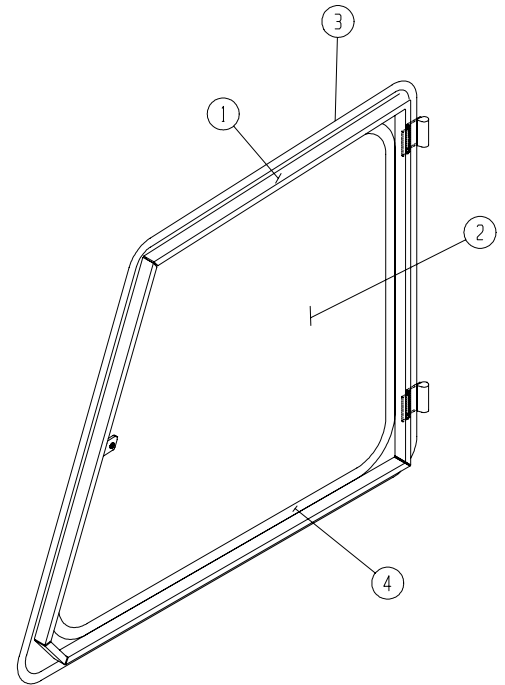
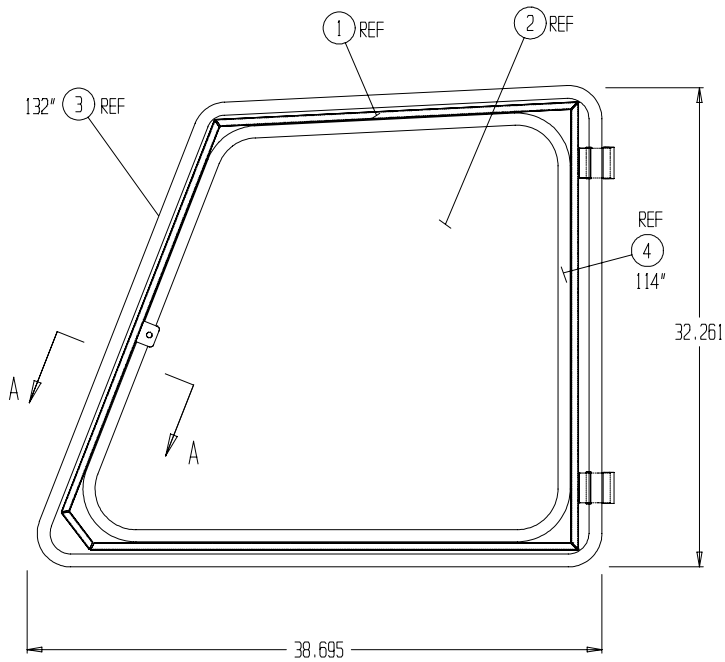
REPLACEMENT PARTS ROOF ASSEMBLY (8-14033) TORO 300 SERIES

ITEM	QTY	PART NO.	DESCRIPTION
1	1	6-36952	Panel, Roof
2	1	6-37542	Polyfoam, Roof
3	1	3-16564	Light, Flashing, Amber
4	1	8-13426	Assy, Wire, Flasher
3A	1	3-16565	Lens



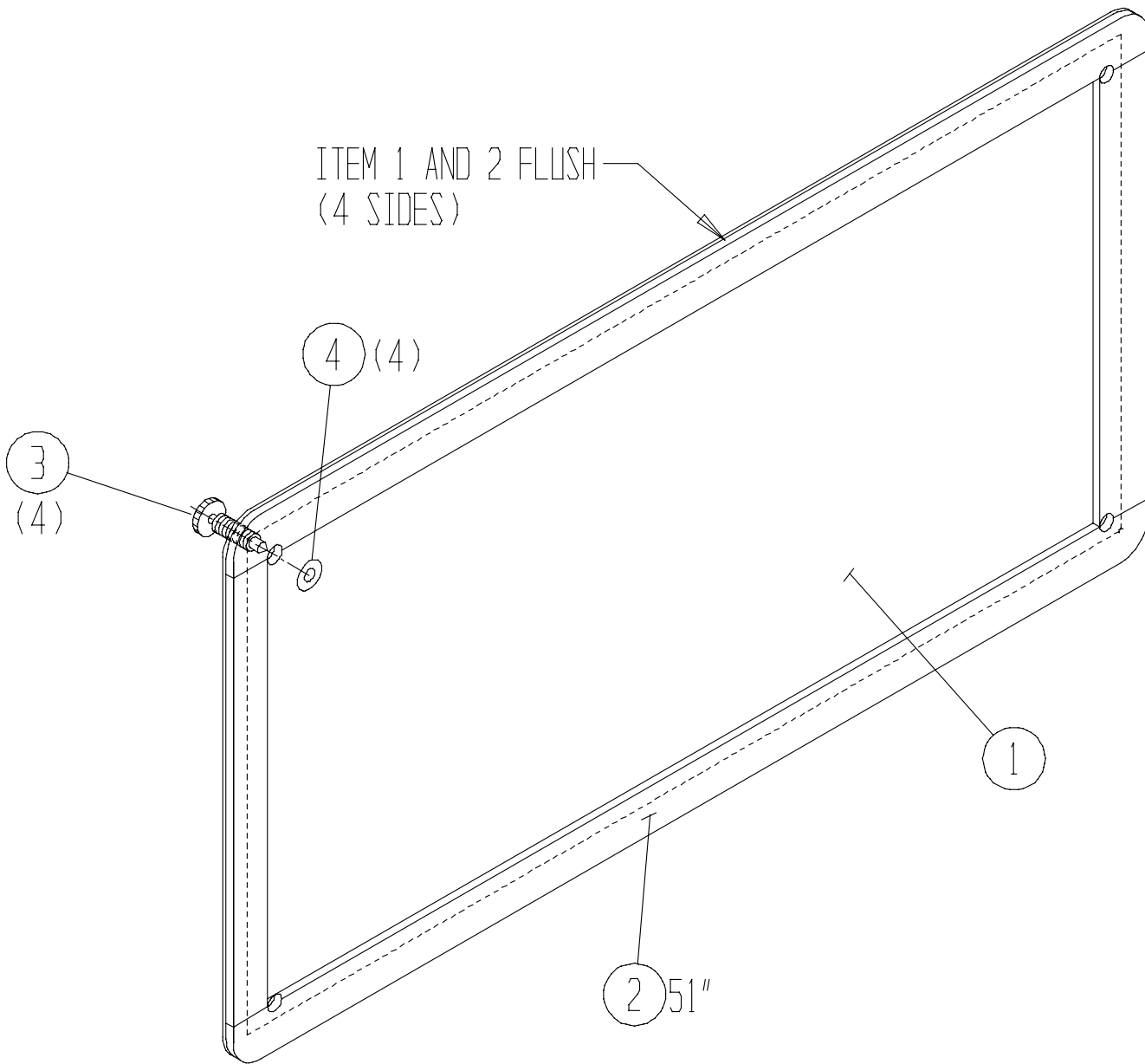
**REPLACEMENT PARTS
ASSEMBLY, DOOR, LEFT (8-13373)
TORO 300 SERIES**

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	7-14755	Weldment, Door, Left
2	1	3-16551	Glass, Door, Top
3	1	3-16550	Glass, Door, Bottom
4	1	7-14819	Weldment, Latch
5	1	3-15574	Handle, Door, Exterior
6	3	3-12692	M6 x 15 x 1.0 Bolt
7	3	3-10076	1/4" Lock Washer
8	4	3-10220	1/4"-20 x 1" Bolt
10	16.5'	3-10649	Rubber, Window, Offset
11	16'	3-15952	Trim Seal, 3/4"
12	1	3-14674	Knob, Oval
13	1	3-10228	5/16" -18 x 1" Bolt
14	1	3-10064	5/16" Hex Nut



**REPLACEMENT PARTS
ASSEMBLY, WINDOW, SWINGOUT (8-13374)
TORO 300 SERIES**

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	7-14736	Weldment, Window, Swingout
2	1	3-16549	Glass, Swingout Window
3	11'	3-15952	Trim Seal, 3/4"
4	9.5'	3-10649	Rubber, Window, Offset



**REPLACEMENT PARTS
ASSEMBLY, ACCESS COVER (8-13377)
TORO 300 SERIES**

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	6-37419	Cover, Access
2	4.25'	3-14914	Rubber, Seal Strip
3	4	3-13771	Fastener, Screw
4	4	3-13772	Retainer Clip