

### Parts Manual for Model PT2840T

### Bundles Required

PT2840T	4000 lb. cap Pontoon trailer
4 4300003	20.5x8x10-D tire and rim
1 6009801	PT2840T frame bundle
1 T-514	rocker arm bag
1 6009901	side bunk extension assembly
1 60982	2" class 3 coupler bag

### Tire Size, Pressure & Carrying Capacity Chart

Tire Size	Load Range	Tire Pressure	Carrying Capacity
20.5x8x10	D	70	1800 lbs.

### Axle Adjustment

Approximate Tongue Weights for Best Towing. Tongue weight too high, move axle assembly forward. Tongue weight too low, move axle assembly backward.

Model	Tongue Weight/lb.
PT2840T	125-150

### Final Assembly Instructions

Remove the small parts from the frame by cutting the bands. Remove the bolt bag and sort all nuts and bolts by size.

#### Springs:

Mount the springs under the axle with the 1/2"x5" axle U-bolts from the top down. Install the 4x4 spring plate under the axle. Tighten 1/2" hex lock nuts evenly.

#### Fenders:

Install fenders on side frame with 1/2"x6" U-bolts and hex lock nuts in position, 48" from the end of the side frame to the rear spring bracket U-bolt. Repeat for other side.

#### Rocker Arm:

Align center hole of S-3209, rocker arm, with center hole of spring bracket. Secure with 3/4"x4-1/2" machine bolt from outside-in and 3/4" hex lock nut.

#### Axle:

**NOTE:** Make certain hook end of springs point in same direction to rear of trailer, on both axles! For rear spring and axle place S-3207 galvanized spring bracket bushing in rear of spring bracket. Insert 9/16"x3-1/4" machine bolt through bracket from outside-in and tighten with 9/16" hex lock nut. Slide end of hook spring over bushing; raise front of spring and fasten with 9/16"x3-1/4" bolt and lock nut.

For installation of front spring and axle repeat above procedure, however, place the bushing in rocker box in hook end of spring. Insert bolts and secure with lock nuts as before.

Mount the tires and rims using 80-90 ft. lbs. torque on lug nuts.

#### Tongue:

Install 7' tongue wire and grommet in tongue. Install tongue into nose cone of trailer frame. Secure tongue plate cover (Ref. 4) and rear of tongue with 1/2"x1-1/2" hex bolt and hex lock nut and secure in the side with 1/2"x4-1/4" hex bolt and lock nut. Tighten both bolts. Install 2" coupler on tongue and secure with 1/2"x4" machine bolt and hex lock nut. Tighten bolts but **do not** over tighten.

#### Safety Chains:

Install two safety chains (Ref. #28) (one on each side) in

front bottom of tongue with 7/16"x1-1/2" hex bolts, flat washers and lock nuts.

#### Winch Post:

Install winch post on tongue in the desired position and secure with two each 1/2"x6" U-bolts and hex lock nuts. Install winch handle on winch shaft. Install bow eye safety chain on bow stop bracket with 3/8"x1" machine bolt, washer and hex lock nut. Tighten.

#### Bunk:

Install 12' bunks on rear of trailer with approximately 10 inches extending beyond the rear bunk saddle. Install 12' bunks in front portion of trailer and secure bunk to the bunk saddle with 1/4"x1-1/2" lag screws.

**Assembly should be complete except for tightening some of the bolts. These bolts were left loose to aid in adjusting the trailer to the boat only. All bolts and nuts must be tightened before towing.**

**NOTE: The law requires that the white ground wire on both the tongue wire harness and vehicle harness be properly grounded to respective trailer and vehicle frames.**

### Trailer Adjustments

Measure the centerline of the pontoon and adjust the bunks laterally to match the pontoon centerline. Set all bunk saddles to the same measurement and tighten 3/8"x1" adjustment bolts.

Place the boat on the trailer so the rear of the pontoon is flush with the end of the bunk. **Do not allow the pontoon tubes to extend beyond the bunk support.**

Slide the winch post into position on the tongue. Position the bow stop bunks against the bow rub rail. Place the winch strap over the bushing (Ref. #57) and adjust bow stop bracket to run winch strap **straight** to the bow eye.

Adjust the undercarriage fore and aft for proper tongue weight.

**NOTE: Double-check all nuts and bolts to ensure they are properly tightened.**

# PT2840T MATERIAL LIST

**NOTE:** Shore Land'r offers their product line in either galvanized or painted finish. When ordering parts it is important that you specify the finish or color you have on your product. The five digit number along with a two digit space \_\_, notes the parts which can be purchased with various finishes. When ordering these items use the five digit prefix and include the following two digit suffix for proper finish.

<b>Suffix</b>	<b>Finish and Color</b>
00	Galvanized
02	Charcoal Gray

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0110064	3/8"x5" hex bolt	2	—	4440220	1-3/8" race L68111	4
2	0110082	7/16"x1-1/2" hex bolt	2	40	4470400	1-3/8" - 1-1/16" hub	4
3	0110114	1/2"x4" hex bolt	3	41	4440160	1-1/16" roller bearing L44649	4
4	S-3510	tongue cover plate	1	—	4440210	1-1/16" race L44610	4
5	0110125	1/2"x5-1/2" hex bolt	1	42	4610071	6-leaf hook spring	4
6	0110170	9/16"x3-1/4" hex bolt	8	43	5110003	3-light cluster	1
7	0140040	3/8"x1" hex bolt	19	44	5110050	4' trunk harness	1
8	0110096	1/2"x1-1/2" hex bolt	1	45	5110348	license plate bracket	1
9	S-4016	bunk saddle	16	46	5110112	Do-ray amber side marker light	2
10	0310095	3/8"x3-7/16"x4-7/8" SUB	2	47	5110127	amber adhesive reflector	2
11	0310222	1/2"x2-9/16"x5" SUB	4	48	5110335	tandem frame harness, left	1
12	0340200	1/2"x3-9/16"x6" SUB	6	49	5110334	tandem frame harness, right	1
13	0710052	1/4"x1-1/2" HH lag screw	28	50	5110002	waterproof taillight, right	1
14	0710057	No. 10x3-1/2" F.H. Phil	4	51	5110001	waterproof taillight, left	1
15	0810925	No. 10x3/4" tek screw	2	52	5110318	7' tongue harness	1
16	1310113	7/16" flat washer	2	53	5110369	self-grounding light base	2
17	1310163	3/8" special flat washer	18	54	5110372	PT 20' jumper wire, right	1
18	1340095	3/8" flat washer	5	55	5110373	PT 20' jumper wire, left	1
19	1340205	1-1/2" ODx13/16" IDx6 ga washer	4	56	60054	front bow stop bunk	2
20	1410229	1/2"-20 hex lug nut	20	57	60079	bow stop galvanized bushing	1
21	1440101	3/8" lock nut	25	58	60878	fender, pontoon	2
22	1440139	7/16" lock nut	2	59	60067	36" winch post, pontoon	1
23	1440102	1/2" lock nut	36	60	60072	bow stop bunk bracket	1
24	1440259	9/16" lock nut	4	61	60876	pontoon axle	1
25	1440349	3/4" slotted hex nut	4	62	60874	pontoon tongue	1
26	1540038	1/8"x1-1/2" cotter key	4	63	60084	pontoon frame	1
27	2210145	1/4"x12" link chain with hook	1	64	60394	pontoon side marker light bracket, right	1
28	2210161	5/16" safety chain	2	65	60395	pontoon side marker light bracket, left	1
29	3110213	DL1800 winch with strap	1	66	S-3207G	spring bracket bushing	4
30	3110242	winch handle	1	67	2074	spring plate	4
31	3310012	class 3 coupler housing	1	68	S-4014	12' pontoon bunk	8
32	5110100	metal frame clip	2	69	0110282	3/4"-10x4-1/2" hex bolt	2
33	3510003	3/4" rubber grommet	7	70	1440319	3/4"-10 lock nut	2
34	3510022	7/16" rubber grommet	1	71	S-3209	small rocker	2
35	3510077	non-skid adhesive step pad	2	72	0110143	1/2"x8" hex bolt	4
36	4410089	spindle sleeve	4	73	S-2410G	1/4"x5-1/4" clamp	2
37	4410242	Bearing Buddy	4	74	6010301	side bunk extension	1
38	4410130	1-3/8" dust seal C/R17413	4	75	SS900	T-33, 20.5x8x10-D tire and rim	4
39	4440170	1-3/8" roller bearing L68149	4				

# PARTS DRAWINGS

NOTE: Optional equipment and replacement parts must be purchased through an authorized Shore Land'r dealer.

