

Parts Manual for Models PT2418 and PT2421

Bundles Required

PT2418	1800 lb. cap Pontoon trailer	PT2421	2100 lb. cap Pontoon trailer
2 4300003	20.5x8x10-D tire and rim	2 4300005	20.5x8x10-E tire and rim
1 6008101	pontoon frame bundle	1 6008101	pontoon frame bundle
1 60982	2" class 3 coupler bag	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.
20.5x8x10	E	90	2100 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.
PT2418	100-125
PT2421	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.

Axle:

Place one of the spring bushings (Ref. #66) into the rear of the spring bracket and secure with a 9/16" x3-1/4" hex bolt and lock nut. Repeat on the other side. Position the axle under the frame, then hook the spring loop around the bushing just installed. Raise the axle assembly up so the front of the springs line up with the front spring bracket hole. Insert the other two 9/16"x3-1/4" machine bolts and lock nuts. Tighten all nuts and bolts but do not over tighten. Allow the spring room enough to move.

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

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 10' bunks on rear of trailer with approximately 10 inches extending beyond the rear bunk saddle. Install 10' 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.

PT2418 and PT2421 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.

Suffix	Finish and Color
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	37	4410242	Bearing Buddy	2
2	0110082	7/16"x1-1/2" hex bolt	2	38	4410130	1-3/8" dust seal C/R17413	2
3	0110114	1/2"x4" hex bolt	3	39	4440170	1-3/8" roller bearing L68149	2
4	S-3510	tongue cover plate	1	—	4440220	1-3/8" race L68111	2
5	0110125	1/2"x5-1/2" hex bolt	1	40	4470400	1-3/8" - 1-1/16" hub	2
6	0110170	9/16"x3-1/4" hex bolt	4	41	4440160	1-1/16" roller bearing L44649	2
7	0140040	3/8"x1" hex bolt	17	—	4440210	1-1/16" race L44610	2
8	0140094	1/2"x1-1/2" hex bolt	1	42	4610071	6-leaf hook spring	2
9	S-4016	bunk saddle	14	43	5110003	3-light cluster	1
10	0310095	3/8"x3-7/16"x4-7/8" SUB	2	44	5110050	4' trunk harness	1
11	0310222	1/2"x2-9/16"x5" SUB	4	45	5110348	license plate bracket	1
12	0340200	1/2"x3-9/16"x6" SUB	6	46	5110112	Do-ray amber side marker light	2
13	0710052	1/4"x1-1/2" HH lag screw	20	47	5110127	amber adhesive reflector	2
14	0710057	No. 10x3-1/2" F.H. Phil	4	48	5110335	frame harness, left	1
15	0810925	No. 10x3/4" tek screw	2	49	5110334	frame harness, right	1
16	1310113	7/16" flat washer	2	50	5110002	waterproof taillight, right	1
17	1310163	3/8" special flat washer	14	51	5110001	waterproof taillight, left	1
18	1340095	3/8" flat washer	5	52	5110318	7' tongue harness	1
19	1340205	1-1/2" ODx13/16" IDx6 ga washer	2	53	5110369	self-grounding light base	2
20	1410229	1/2"-20 hex lug nut	10	54	5110372	PT 20' jumper wire, right	1
21	1440101	3/8" lock nut	23	55	5110373	PT 20' jumper wire, left	1
22	1440139	7/16" lock nut	2	56	60054	front bow stop bunk	2
23	1440102	1/2" lock nut	24	57	60079	bow stop galvanized bushing	1
24	1440259	9/16" lock nut	4	58	60877	fender, pontoon 2018	2
25	1440349	3/4" slotted hex nut	2	59	60067	36" winch post, pontoon	1
26	1540038	1/8"x1-1/2" cotter key	2	60	60072	bow stop bunk bracket	1
27	2210145	1/4"x12" link chain with hook	1	61	60876	pontoon axle	1
28	2210161	5/16" safety chain	2	62	60873	pontoon tongue	1
29	3110213	DL1800 winch with strap	1	63	60084	pontoon frame	1
30	3110242	winch handle	1	64	60394	pontoon side marker light bracket, right	1
31	3310012	class 3 coupler housing	1	65	60395	pontoon side marker light bracket, left	1
32	5110100	metal frame clip	2	66	S-3207G	spring bracket bushing	2
33	3510003	3/4" rubber grommet	7	67	2070	spring plate	2
34	3510022	7/16" rubber grommet	1	68	S-4013	10' pontoon bunk	8
35	3510077	non-skid adhesive step pad	2	69	SS900	T-33, 20.5x8x10-D tire and rim	2
36	4410089	spindle sleeve	2	—	SS899	T-32, 20.5x8x10-E tire and rim	2

PARTS DRAWINGS

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

