

## Parts Manual for Models PT2018 and PT2021

### Bundles Required

<b>PT2018</b>	<b>1800 lb. cap. Pontoon trailer</b>
2 T-33	20.5x8x10-D tire and rim
1 T-90G	coupler bag
1 6005002	pontoon frame
	or
1 6005000	pontoon frame, galvanized

<b>PT2021</b>	<b>2100 lb. cap. Pontoon trailer</b>
2 T-32	20.5x8x10-E tire and rim
1 T-90G	coupler bag
1 6005002	pontoon frame
	or
1 6005000	pontoon frame, galvanized

### Tires Size & Pressure Chart

Tire Size	Load Range	Tire Pressure PSI	Carrying Capacity
20.5x8x10	D	70	1800 lb.
20.5x8x10	E	90	2100 lb.

### 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.
PT2018	100-125
PT2021	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 ½"x5" axle U-bolts from the top down. Install the 4x4 spring plate under the axle. Tighten ½" hex lock nuts evenly.

#### Fenders:

Install fenders on side frame with ½"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. #68) into the rear of the spring bracket and secure with a 9/16" x 3¼" machine 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 2-9/16" x 3¼" 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. #66) and rear of tongue with ½" x 1½" machine bolt and hex lock nut and secure in the side with ½"x4¼" machine bolt and hex lock nut. Tighten both bolts. Install 2" coupler on tongue and secure with ½"x4" machine bolt and hex lock nut. Tighten bolts but **do not** over tighten.

#### Safety Chain:

Install 40' safety chain through tongue stand and secure with 7/16"x1½" machine bolt, flat washer and hex lock nut.

#### Winch Post:

Install winch post on tongue in the desired position and secure with 2 each ½"x6" U-bolts and hex lock nuts. Install winch handle on winch shaft. On bow stop bracket (Ref. #60), first place winch strap inside against front portion of bow stop bracket. Install bushing (Ref. #57) under the winch strap and secure with ½"x5½" machine bolt and hex lock nut. Tighten. This bushing-bolt arrangement holds the winch strap in position. Install bow eye safety chain on bow stop bracket with 3/8"x1" machine bolt, washer and hex lock nut. Tighten.

#### Bunks:

Install 10' bunks on rear of trailer with approximately 10 inches extending beyond the rear bunk saddle. Install 6' bunks in front portion of trailer and secure bunk to the bunk saddle with ¼"x1½" 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.**

# PT2018 and PT2021 Material List

\*For galvanized trailers add a G suffix to the part number

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0110064	3/8"x5" hex bolt	2	39	4440170	1-3/8" roller bearing L68149	2
2	0110082	7/16"x1 1/2" hex bolt	1	—	4440220	1-3/8" race L68111	2
3	0110114	1/2"x4" hex bolt	2	40	4410035	1-3/8"-1-1/16" hub	2
4	0110116	1/2"x4 1/4" hex bolt	1	41	4440160	1-1/16" roller bearing L44649	2
5	0110125	1/2"x5 1/2" hex bolt	1	—	4440210	1-1/16" race L44610	2
6	0110170	9/16"x3 3/4" hex bolt	4	42	4610071	6-leaf hook spring	2
7	0140040	3/8"x1" hex bolt	13	43	5110003	3-light cluster	1
8	0140094	1/2"x1 1/2" hex bolt	1	44	5110050	4' trunk harness	1
9	0210128	3/8"x3" carriage bolt	1	45	5110105	license plate bracket	1
10	0310095	3/8"x3-7/16"x4-7/8" SUB	2	46	5110112	Do-ray amber side marker light	2
11	0310218	1/2"x2-7/16"x5" SUB	4	47	5110127	amber adhesive reflector	2
12	0340200	1/2"x3-9/16"x6" SUB	6	48	5110319	tandem Inline frame harness, left	1
13	0710050	1/4"x1 1/2" HH lag screw	20	49	5110320	tandem Inline frame harness, right	1
14	0710057	No. 10x3 1/2" F.H. Phil	4	50	5110336	waterproof taillight, right	1
15	0810925	No. 10x3/4" tek screw	2	51	5110337	waterproof taillight, left	1
16	1310113	7/16" flat washer	1	52	5110349	7' tongue harness	1
17	1310163	3/8" special flat washer	12	53	5110369	self-grounding light base	2
18	1340095	3/8" flat washer	1	54	5110372	PT 20' jumper wire, right	1
19	1340205	1 1/2" ODx13/16" IDx6 ga washer	2	55	5110373	PT 20' jumper wire, left	1
20	1410229	1/2"-20 hex lug nut	10	56	60054	front bow stop bunk	2
21	1440099	3/8" lock nut	20	57	60079	bow stop galvanized bushing	1
22	1440139	7/16" lock nut	1	58	6005602	fender, pontoon 2018	2
23	1440179	1/2" lock nut	25	59	6006702	36" winch post, pontoon	1
24	1440259	9/16" lock nut	4	60	6007202	bow stop bunk bracket	1
25	1440349	3/4" slotted hex nut	2	61	6007703	pontoon axle	1
26	1540038	1/8"x1 1/2" cotter key	2	62	6011802	pontoon 75" tongue	1
27	2210145	1/4"x12" link chain with hook	1	63	6005102	pontoon frame	1
28	2210275	5/16"x40" safety chain	1	64	60394	pontoon side marker light bracket, right	1
29	3110236	DL1802 winch only	1	65	60395	pontoon side marker light bracket, left	1
30	3110237	winch handle	1	66	DGS-3510	tongue plate cover	1
31	3310013	class 3 coupler housing	1	67	DGS-4016	bunk saddle	10
32	3320072	2" hitch latch assembly	1	68	S-3207G	spring bracket bushing	2
33	3510003	3/4" rubber grommet	7	69	S-3348	6' pontoon bunk	4
34	3510018	20 ft. winch strap and hook	1	70	S-3449G	spring plate	2
35	3510077	non-skid adhesive step pad	2	71	S-4013	10' pontoon bunk	4
36	4410089	spindle sleeve	2	72	SS900	T-33, 20.5x8x10-D tire and rim	2
37	4410242	Bearing Buddy	2	—	SS899	T-32, 20.5x8x10-E tire and rim	2
38	4410130	1-3/8" dust seal C/R 17413	2				

# PARTS DRAWING

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

