

# *Snark Sailboat Manual*

## *Mayflower*

*(Discontinued – No Parts Are Available)*

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# Mayflower

## OWNER'S MANUAL

MODEL NO.

10-0040-9

- safety
- assembly
- transportation
- maintenance
- replacement parts



# SNARK

Snark Products, Inc.  
5816 Ward Court  
Virginia Beach, Va. (804) 460-1156

## SPECIFICATIONS

Length . . . . . 11 feet 6 inches  
 Beam . . . . . 4 feet 9 inches  
 Freeboard . . . . . 19 inches  
 Sail area . . . . . 82 sq. ft.  
 Shipping weight . . . . . 250 pounds  
 Hull weight . . . . . 90 pounds

Outboard Capacity . . . . . 5 hp  
 Crew capacity . . . . . 515 lbs. (3 adults)  
 Hull Material . . . . . \*Corlite  
 Mast, boom, spar . . . . . Anodized aluminum  
 Wood parts . . . . . varnished marine plywood

\*Reinforced foam laminate

## IMPORTANT

### OWNER'S RESPONSIBILITY

**BE SURE TO READ THE FOLLOWING BEFORE LAUNCHING YOUR SAILBOAT**

- \*Do not allow raw gasoline or other petroleum based products to come in contact with styrene (core of hull).
- \*Standing in boat on land may cause delamination of hull covering.

### RULES FOR SAFE BOATING

#### A.

Before operating your boat, read the Snark Sailing Manual carefully and be thoroughly familiar with the rules for safe operation.

#### B.

Do not overload your boat. Capacities are clearly stated on the CAPACITY INFORMATION PLATE located on the transom of the boat.

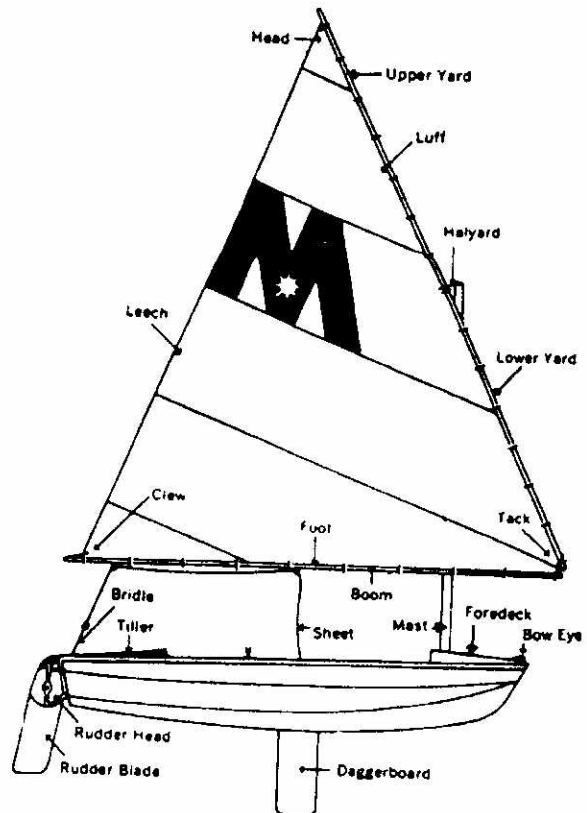
#### C.

The MAYFLOWER is a small boat and caution must always be used, particularly when operating on open bodies of water where conditions can be unexpectedly severe.

#### D.

Always carry a Coast Guard-approved personal flotation device for each person aboard and check with local authorities for regulations governing registration and operation of your boat. If capsizing should occur, stay with your boat until help arrives. It will not sink and is far easier for rescuers to see than a lone swimmer.

**FIGURE 1**



# ASSEMBLY

## 1. RUDDER AND TILLER (FIGURE 2)

- a. Attach tiller extension swivel assembly (13) to top of tiller (11) with two screws in pre-drilled holes.
- b. Attach hiking stick (12) to swivel assembly with bolt and self-locking nut.
- c. Assemble rudder by pushing rudder bolt into square hole of rudder head (39) then putting on the foam pad (32), rudder blade (40), big aluminum washer, and locking with nut in a manner that the rudder is able to turn upward when hitting ground.
- d. Attach tiller to rudder head using bolt, washers and nut.
- e. Hang the eyes on the rudder head firmly into the rudder pintles (9) and (10) mounted on the transom of the boat.
- f. To secure rudder in place, insert cotter pin through the hole of the upper pintle.

## 2. BRIDLE (FIGURE 3)

- a. Tie one end of 2 Ft. long line to one eye on the inner transom pad.
- b. Slide the bridle ring (14) over the free end of the line.
- c. Tie the free end to the other eye on the transom pad and make sure that the line passes over the tiller.

## 3. STORAGE CONTAINERS

Push the two storage containers (6) under the central seat.

## 4. FOREDECK (FIGURE 4)

- a. Position foredeck (3) on bow with bow eye bolt holes aligned with holes in the deck.
- b. Install bow fitting (4) with bolts and nuts.
- c. Using screws and finish washers in two pre-drilled holes, secure after edge of foredeck to hull. Then secure the rest of the deck to hull with the remaining screws and washers.

**NOTE:** Do not overtighten the screws securing the foredeck.

- d. Install cleat (2) on right side of mast sleeve, using machine screws, flat washers, and nuts through pre-drilled holes in foredeck.

FIGURE 2

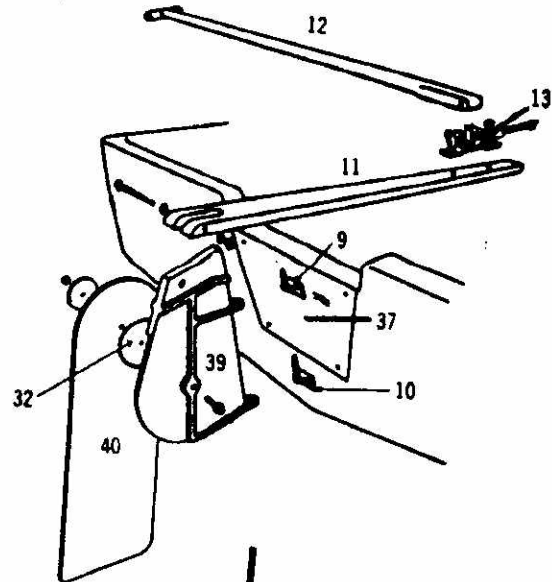


FIGURE 3

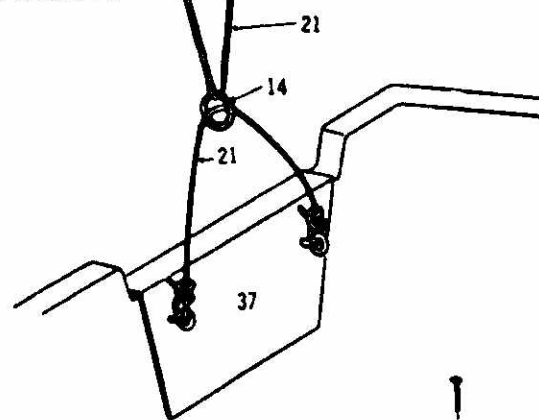
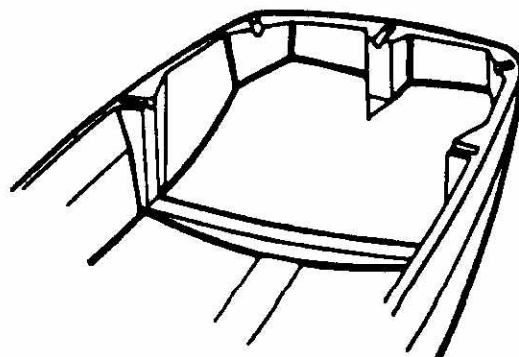
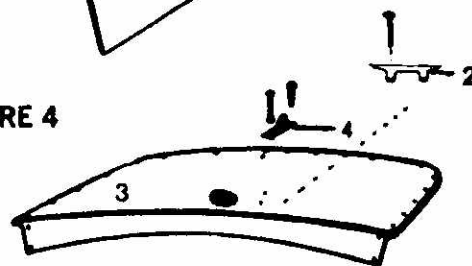
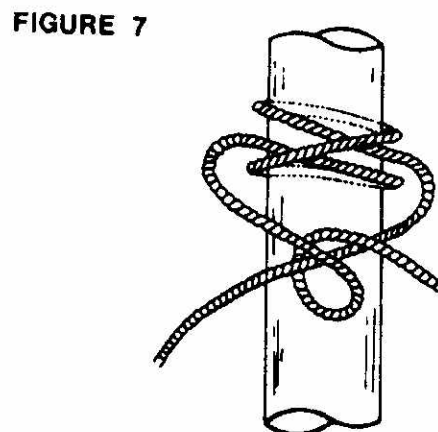
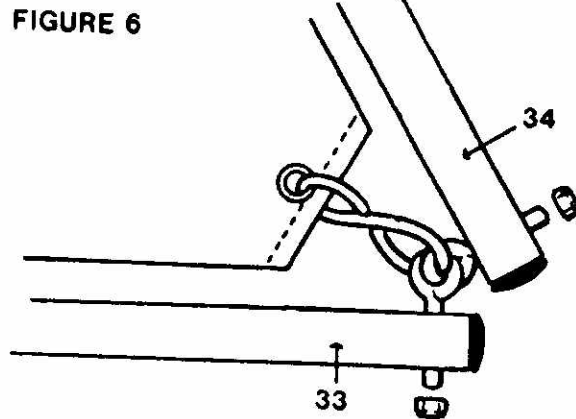
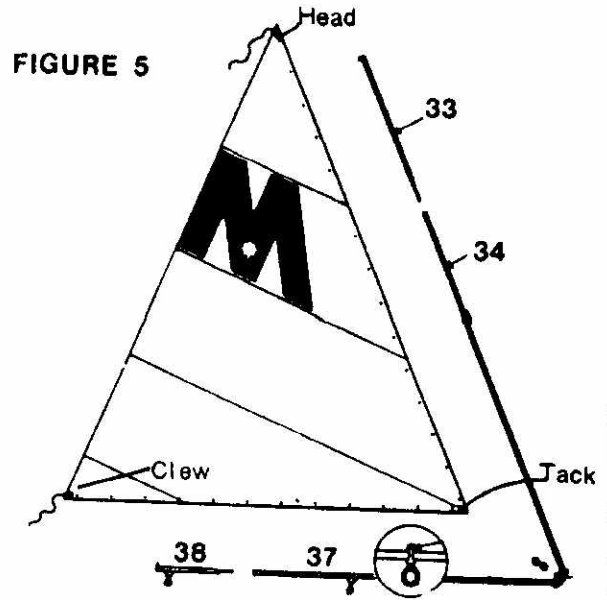


FIGURE 4



## 5. SAIL ASSEMBLY (figures 5, 6, 7)

- a. Slide gooseneck over the forward end of the boom (the end with the round cap) and position it at the black band. With the round end cap on your right, and the pulley block to your left hanging down, the gooseneck should extend directly toward you. Tighten the screw on the gooseneck to securely mount it to the boom.
- b. Insert boom extension (38) into end of boom (37). (figure 5).
- c. Insert small end of the upper spar extension (33) into the lower spar (34) so that the eye on the end of the extension is on a line with the holes drilled in the opposite end of the lower spar.
- d. Lay out the completed spar assembly (33 & 34) so that the eye of the upper spar is facing in the direction of the sail. (figure 6)
- e. Lay out the boom so that the eye in the end of the boom is facing in the direction of the sail and the gooseneck is pointing upward.
- f. Connect the lower end of the spar to the forward end of the boom using the jointed eyebolt set and two self locking nuts. Tighten the nuts firmly.
- g. Attach the grommet at the "tack" or forward corner of the sail to one of the jointed eyebolts with the "S" hook provided.
- h. There are short pieces of line at the other two corners of the sail. Tie the lower one to the eye of the end of the boom; and the other one to the eye on the end of the upper spar.
- i. Fasten the sail to both the boom and the spar with the sail rings.
- j. Position the line labeled "Main Halyard" between the 7th and 8th sail ring on the spar.
- k. Secure this line by tying a clove hitch and then a half hitch as shown in figure 7. This line now becomes your Halyard for raising and lowering the sail.



## 6. RIGGING (figure 8)

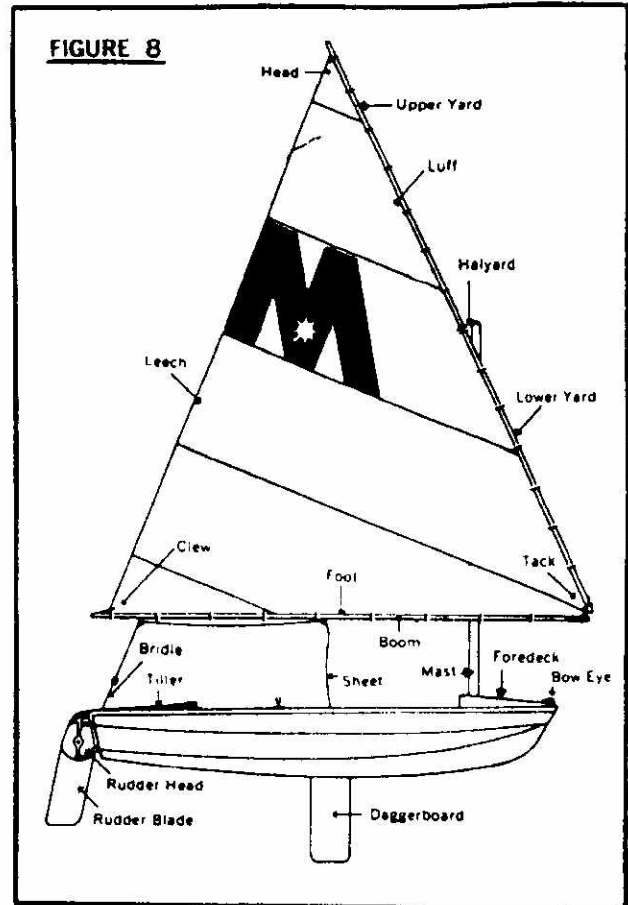
a. Lay the assembled sail rig on the left side of the boat lengthwise, so that the gooseneck lines up with the mast sleeve in the foredeck and the blocks on the boom are hanging toward the bottom of the boat.

**Note:** If the sail rig will not lay in this position, loosen the gooseneck and adjust it as necessary. Remember, keep the gooseneck on the black line on the boom.

b. Insert the free end of your Halyard through the pre-installed fairlead fitting (6) at the top of the mast. Thread about one half the length of the line through the fitting.

c. Set up the mast by raising it up and passing it through the gooseneck, and inserting it downward through the mast sleeve in the foredeck. Seat the mast firmly into the mast socket in the bottom of the boat.

d. Pull the free end of the halyard down to raise the sail. When the sail is fully raised, secure it by tying it around the cleat on the foredeck.



e. Thread the free end of the Main Sheet through the aft pulley block (3) on the boom then through the forward pulley block (2) on the boom. Tie a figure "8" knot in the end of this line to prevent it from slipping out of the pulley blocks.

## 7. DAGGERBOARD

a. Insert the daggerboard into the daggerboard trunk and you are ready to sail.

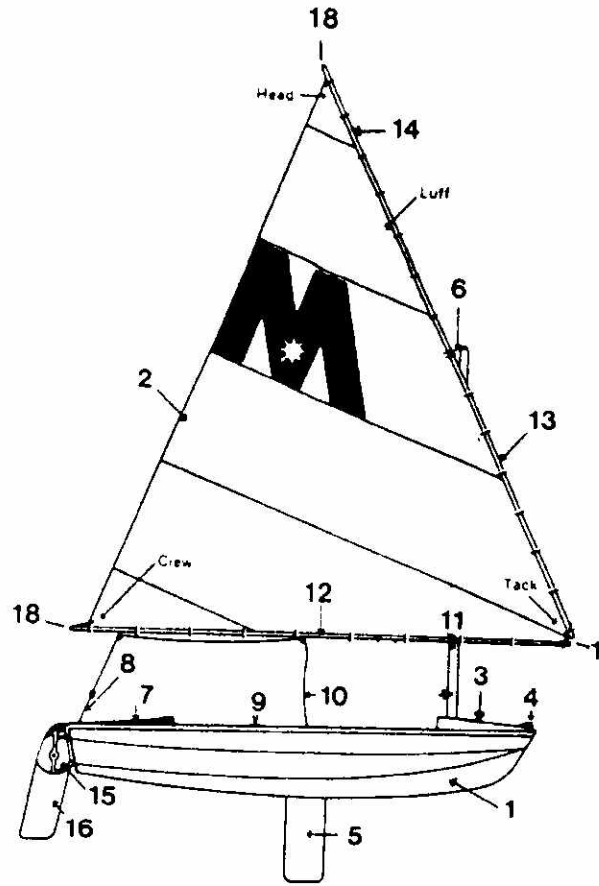
**Note:** When sailing your MAYFLOWER in shallow water or launching or beaching your boat, raise the daggerboard to prevent grounding and possible damage.

## 8. OPTIONS

a. To use the Oarlock Horns, press them down firmly into the holes provided on each side of the boat.

b. To install a motor, it will first be necessary to remove the complete rudder assembly and the upper pintle pin.

# MAYFLOWER REPLACEMENT PARTS



Key No.	Part No.	DESCRIPTION	Part No.	DESCRIPTION
1	7500*	HULL, LESS RIGGINGS, SAIL, FITTINGS AND HARDWARE	0335	STORAGE CONTAINER
2	0502	SAIL, 82 SQ. FT.	0338	TRACK FOR STORAGE CONTAINER
3	0522*	FORBECK W/CASTENERS	7506	UPPER PINTLE W/COTTER PIN, SCREW AND WING NUT
4	7511	BOW FITTING W/SCREWS	0927	LOWER PINTLE
5	7502	DAGGERBOARD COMPLETE	7232	HIKING STICK ONLY
5	0705	MAST HEAD CAP	7233	SWIVEL W/MOUNTING SCREWS
7	7321	TILLER W/MOUNTING BOLT	0915	TRANSOM BRACKET W/SPACER
8	0327	BRIDLE RING	0501	UPPER MAST SLEEVE
9	7504	EARLOCK HORNS (1 PAIR)	7512	CLEAT W/MOUNTING SCREWS
10	0519	LINE (3 PIECE SET)	0505	SAIL RINGS (BAG OF 27)
11	0503	GOOSENECK	7514	PULLEY BLOCK W/EYESTRAP
12	7513*	BOOM COMPLETE, W/BLOCKS	0829	EYESTRAP ONLY
13	05235*	LOWER SPAR SECTION, W/CAP 130" LONG	0704	MAST FOOT CAP
14	0524	UPPER SPAR EXTENSION, W/CAP, 60" LONG	0318	COTTER PIN FOR RUDDER ASSEMBLY
15	0311	RUDDER HEAD CASTING ONLY	0702	CUP, LOWER FOR MAST
16	0313	RUDDER BLADE ONLY	0532	BUMPER, BLACK
17	7228	JOINTED EYEBOLT SET, 1/4" HOOK	0333	FRICTION PAD (WASHER) FOR RUDDER
18	0712	BOOM OR SPAR CAP WITH FAIRLEAD	0828	PULLEY BLOCK ONLY
	0711	BOOM END CAP W/O FAIRLEAD	0932	EARLOCK INSERT
	0525	BOOM EXTENSION, W/PULLEY, 22" LONG	0324	BOLT FOR TILLER W/NUT
	05238*	BOOM FORWARD, W/PULLEY, 130" LONG	0329	BOLT & WING NUT FOR PINTLE
	8301	EPOXY REPAIR KIT, SMALL (OPTIONAL)	0306	AFT SEAT W/SHOCK CORD (OPTIONAL)
	8333	EPOXY REPAIR KIT, LARGE (OPTIONAL)	1217	DRAIN PLUG (OPTIONAL)

\*Large Items

## HOW TO ORDER REPLACEMENT PARTS

~~All parts may be ordered from your authorized Spark Dealer or Spark Products, Inc., 22455 Route 29, Va. 22455. Retail prices and items shown are subject to change without notice.~~