

Rover Board Assembly Instructions:

This kit contains all the components necessary to make one rover board, either a right or left hand model.

The only tool required for assembly is a phillips type screwdriver.

RIGHT HAND ASSEMBLY:

Place the board as shown in the illustration.
NOTE: The board has indent marks to locate the various components. All components are attached to the board with the #4 x 1/2 pan hd screws provided.

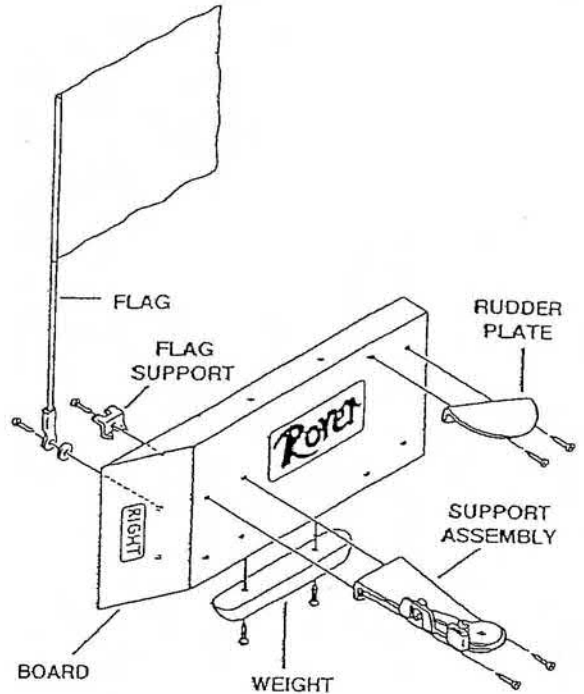
Using two screws, assemble the support arm assembly to the board. **NOTE:** For a right hand board, the release mechanism is up and angled end is down.

With two more screws attach the rudder plate to the upper right hand corner of the board.

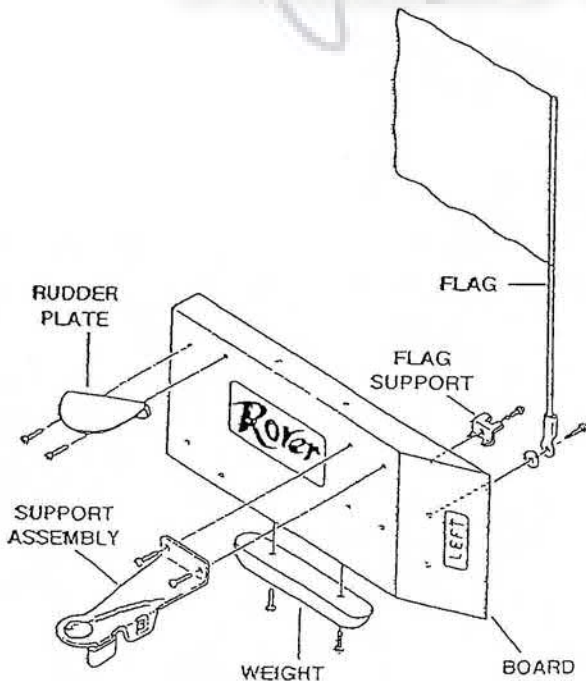
Attach the weight to the bottom edge of the board with two screws.

Referring to the illustration, note the location of the flat washer, which provides clearance for the flag to pivot. Mount the flag to the center location on the reverse side of board.

Attach the flag support to the upper location on the rear of the board. The pointed lugs prevent the support from rotating when the screw is tightened.



REELSCHEMATIC

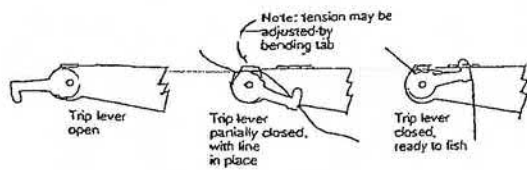


LEFT HAND ASSEMBLY:

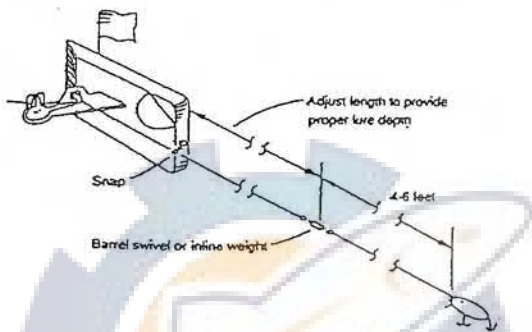
The assembly procedure for the left hand board is the same as the right, except the support assembly is mounted with the release mechanism down and angled end up. The rudder plate is also in the upper left hand corner. See illustration.

Attaching Rover™ To Fishing Line

1. Thread line between fingers of trip lever and behind gripping cam as shown.



2. Close trip lever with just enough pressure to keep lure from pulling it open.
3. You can rig Rover to release completely and float upright to mark location of strike; or you can attach the snap on rear of Rover to your fishing line and retrieve it with the fish.



Retrieving The Rover™

1. Retrieve the Rover with a smooth, steady cranking motion on your fishing reel. Do not jerk the line or the Rover may release.
2. When retrieving, start with the line closest to the boat. Do not cross the outside line over the inside.

Troubleshooting

1. Rover doesn't move away from the boat:
 - Line is dragging in water; raise fishing rod so line goes straight out from boat.
 - Line is rigged in trip mechanism backwards; reverse line rigging.
 - Lure has picked up weeds or foreign matter; remove.
1. Rover slips on line down to lure:
 - Tighten tension on line.
 - Pad is grooved on release; reverse tubing on tab, or replace.
 - Line is too light; increase size (test); minimum 12-lb. test is recommended.



Setting Lines & Depth

For Fast Speed Trolling

Warm Water Walleye, Muskies, Salmon, Rainbow, Browns, Stripers

Lure Fished At	Weight On Line	Speed of Boat	Lure	Length of Line Behind Rover
4'	0-¼ oz.	4 mph	4½" Rapala	6'-10'
4'	0	4 mph	½ oz. spoon	8'
10'	¼-½ oz.	5 mph	Rapala	15'-22'
10'	¼ oz.	5 mph	Spoon	20'
15'	1 oz.	4 mph	Rapala	45'
20'	1½-1¾ oz.	5 mph	Rapala	55'
22'	2-2½ oz.	5 mph	Rapala	60'
30'-40'	3-4 oz.	5 mph	Rapala	60'

The relation between speed of boat + lure weight + lure action + weight on line + length of line behind Rover + wind or current will determine where or what depth your fishing line will run. The above chart is a guideline, not a rule. Any variation of above will change the way you will troll. One basic rule of thumb is that a ½ oz. spoon with 1 oz. of weight on a 30' line will travel at 8-10 feet below surface at 5 mph. For every ounce you will drop down 7-9' depending on speed of boat.

Brown Trout, Walleye, Crappie, Bass, Etc.

Slow Speed Trolling Chart

Speed of Boat	Length of Line - 60' Behind Rover	Depth Fished
		¼ oz. - NO weight needed, depending on lure used in top 10 feet of water
2 to 2½ mph	10'	1 oz. of weight
1⅔ to 2 mph	15'	1 oz. of weight
1½ to 1⅔ mph	20'	1 oz. of weight
1¼ to 1½ mph	25'	1½ oz. of weight
1 mph	30'	2 oz. of weight
1 to 2/3 mph	35'	2 oz. of weight