RADIO CONTROLLED ELECTRIC POWERED

HIGH PERFORMANCE FLEXIBLE WIRE DRIVE SYSTEM

RACING BOAT



- HIGH PERFORMANCE FLEXIBLE WIRE DRIVE SYSTEM.
- FULLY CONSTUCTED READY TO FLOAT IN MINUTES.
- UIQUELY DESIGNED AIR COOLING SYSTEM PREVENTS OVER-HEATING OF MOTOR & SPEED CONTROL.
- RETRACTABLE RECEIVER ANTENNA.
- DUAL RESISTER INSTALLED MECHANICAL SPEED CONTROL
   WITH FORWARD 3 STEPS & BACKWARD 1 STEPS.
- RELEASABLE TIES BATTERY HOLDER.



Congratulations!

Thank you for choosing the Sea Devil! you have purchased one of the finest electric performance boats available. We know you are going to be impressed with its ease of assembly, speed, run time, maneuverability and stability.

PLEASE READ THROUGH THIS INSTRUCTION MANUAL IN ITS ENTIRETY BEFORE BEGINNING ASSEMBLY. IT CONTAINS IMPORTANT INSTRUCTIONS AND WARNINGS CONCERNING THE ASSEMBLY AND USE OF THIS MODEL.

#### 1 TECHNICAL DATA

| BOAT TYPEElectric powered V type speed boat     |
|---|
| MOTORMABUCHI RS-540SH                           |
| LENGTH650 mm (25.6")                            |
| BEAM240 mm (9.4")                               |
| HEIGHT185 mm (7.3")                             |
| WEIGHT1,250g (2.8 lb)                           |
| DRIVE SYSTEMFlexible wire direct drive          |
| SPEED CONTROLFoward 3 + backward 1 Machanicals. |
| PROPELLERDIA : 35.5 mm (1.4")                   |
| PITCH : 35.5 mm (1.4")                          |

### 2 REQUIRED (THINGS NEEDED)

- 2 Channel radio control system (2 servo)
- Ni-cad battery (7.2V or 8.4V)
- AA Size\_alkaline battery

For Transmitter ---- 8 pcs For Receiver ---- 4 pcs

- O Charger for 7.2V or 8.4V ni-cad battery
- Instant glue
- Tools

Phillips Screw Driver

Sharp Hobby Knife

Needle Nose Plier

Scotch Tape

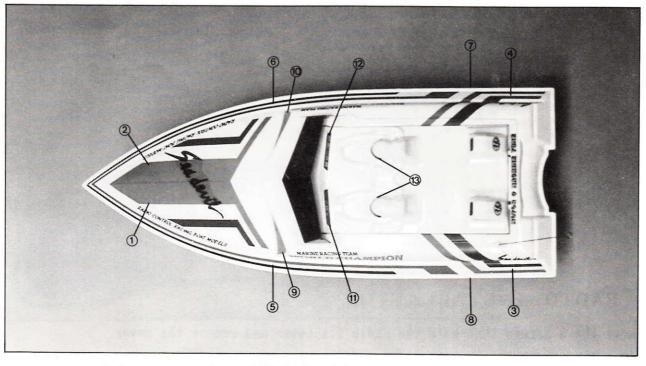
## 3 APPLYING THE DECALS

O Using a scissors or a sharp hobby knife, cut out the decals. We recommend that you cut along a straightedge when cutting out the long thin strips of decal.

O Clean the exterior of your boat thoroughly with 70% rubbing alcohol or warm soapy

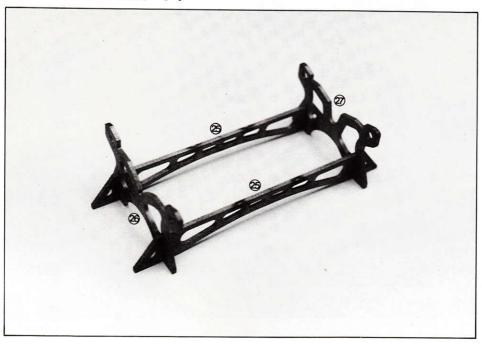
water. Rinse and dry thoroughly.

Peel off the protective backing and apply the selfadhesive decals, referring to the photos and box label.

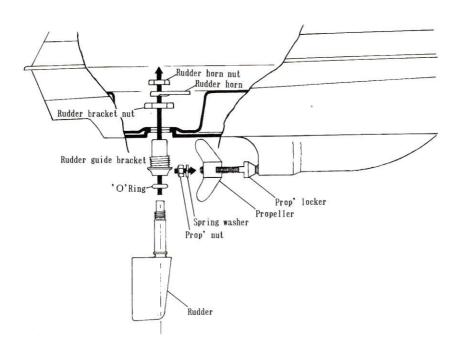


## 4 ASSEMBLY OF THE BOAT STAND

 $\ensuremath{\Theta}$  Assemble the boat by sliding the slots in stand 'A' into the slots in stand 'B' and stand 'C'.

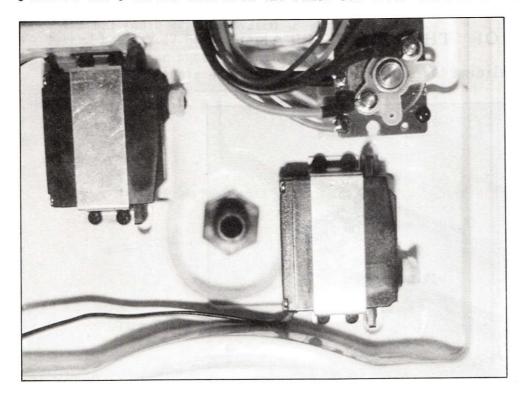


## 5 INSTALL RUDDER AND PROP



## 6 RADIO INSTALLATION

 $\Theta$  Remove the 8 screws that hold the radio fix cover and remove the cover.

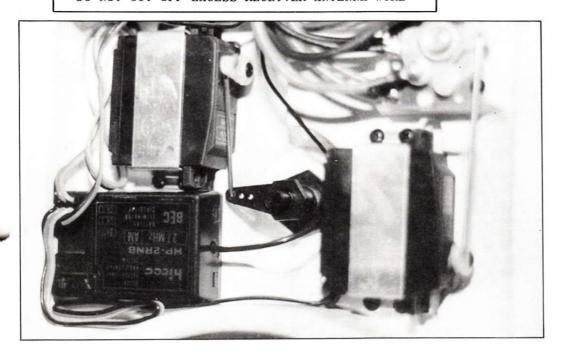


#### 7 RECEIVER INSTALLATION

• Place a piece of double sided tape on the bottom of the receiver and attach in to the radio compartment.

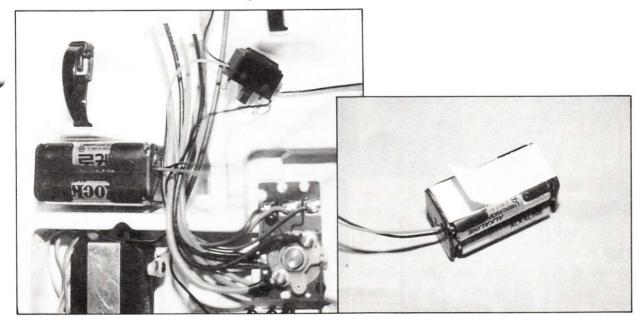
O Attach receiver antenna wire to the boat rod-antenna using scotch tape.

DO NOT CUT OFF EXCESS RECEIVER ANTENNA WIRE



#### 8 RECEIVER BATTERY INSTALLATION

© Clean the side of the receiver battery and the bottom right side of the hull beside the radio comparment. place a piece of hook and loop material on the receiver battery.



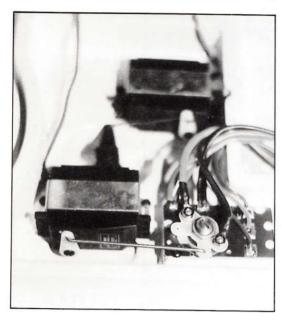
## 9 INSTALL OF SPEED & RUDDER CONTROL

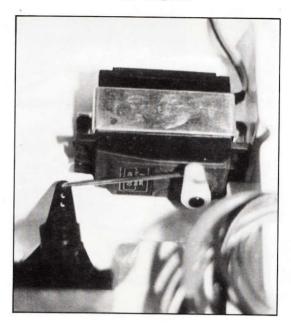
• Plug the receiver battery and servo into the receiver. turn the radio on and set the servo trim lever to neutral.

O Install the servo arm 90 degrees to the center line of the servo. the steering rod

should be installed in the center hole.

• Install the speed control rod in the hole 9/16" from the center of the servo arm, with the servo arm in the neutral position as shown at the right.





# 10 WINDSHIELD INSTALLATION

© Remove the clear protective covering from the windshield.

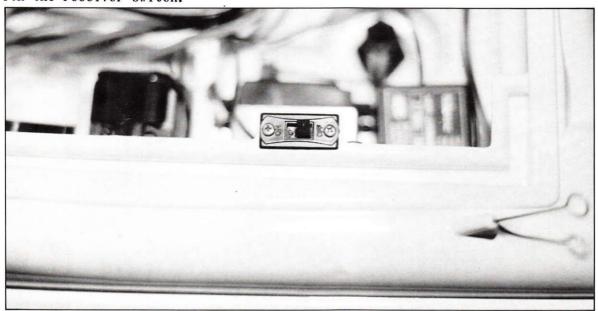
nstall the long strip of double sided tape along the line in front of the drivers.





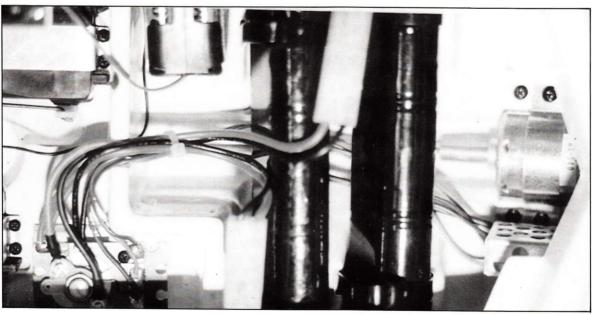
#### 11 RECEIVER SWITCH INSTALLATION

① Install the receiverswitch in the hatch cover inside using the screws provided with the receiver switch.



### 12 BATTERY INSTALLATION

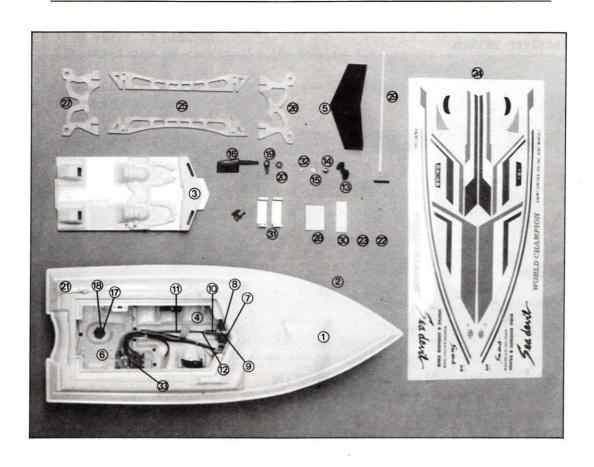
⊙ NOTE: Battery will plug in only one way do not force it.



| STOCK #  | NO    | Description    | KEY NO. and Qty. |
|----------|-------|----------------|------------------|
| RCMB3021 | SD-21 | Propeller      | 13x2             |
| RCMB3022 | SD-22 | Prop Shaft Set | 10 11 12×1       |
| RCMB3023 | SD-23 | Rudder Set     | 16 17 18 19 20x1 |
| RCMB3024 | SD-24 | Windshield     | 5 29x1           |
| RCMB3025 | SD-25 | Motor Bracket  | 7 8x1            |
| RCMB3026 | SD-26 | Linkage Set    | 22 23x1          |

| STOCK #  | NO    | Description     | KEY NO. and Qty |  |
|----------|-------|-----------------|-----------------|--|
| RCMB3027 | SD-27 | Decal           | 24x1            |  |
| RCMB3028 | SD-28 | Stand           | 25x2 26 27x1    |  |
| RCMB3029 | SD-29 | Cover & Tape    | 6 28 30x1 31x2  |  |
| RCMB3030 | SD-30 | Prop'Locker Set | 14 15 32x1      |  |
| RCMB3031 | SD-31 | Speed Control   | 33x1            |  |

# SEA DEVIL EXPLODED VIEW



# PARTS GUIDE

| KEY NO | PARTS NAME            | Qty |
|--------|-----------------------|-----|
| 1      | Hull Deck             | 1   |
| 2      | Hull Bottom           | 1   |
| 3      | Hatch Door            | 1   |
| 4      | Inner Mount           | 1   |
| 5      | Windshield            | 1   |
| 6      | Compartment Cover     | 1   |
| 7      | Motor Bracket Upper   | 1   |
| 8      | Motor Bracket Lower   | 1   |
| 9      | Motor                 | 1   |
| 10     | Drive Shaft connector | 1   |
| 11     | Brass Pipe            | 1   |

| KEY NO | PARTS NAME           | Qty |
|--------|----------------------|-----|
| 12     | Flexible Drive Shaft | 1   |
| 13     | Propeller            | 1   |
| 14     | Prop' locker         | 1   |
| 15     | Prop' Nut            | 1   |
| 16     | Rudder               | 1   |
| 17     | Rudder Guide Bracket | 1   |
| 18     | Rudder Bracket Nut   | 1   |
| 19     | Rudder Horn          | . 1 |
| 20     | Rudder Horn Nut      | 1   |
| 21     | Antenna              | 1   |
| 22     | Steering Rod         | 1   |

| KEY NO | PARTS NAME             | Qty  |
|--------|------------------------|------|
| 23     | Speed Control Rod      | 1    |
| 24     | Decal                  | 1    |
| 25     | Stand 'A'              | 2    |
| 26     | Stand 'B'              | 1/4  |
| 27     | Stand 'C'              | (3.5 |
| 28     | Double Sided Tape (RX) | fy   |
| 29     | Double Sided Tape      | 也    |
| 30     | Velcro                 | 6    |
| 3 1    | Servo Cover            |      |
| 32     | Spring washer          | 1    |
| 33     | Speed Control          | 1    |

