# **OWNER'S MANUAL**







### **Limited Warranty**

MakoShark 2
KingShark 2
KingShark 2
KingShark 2 w/Remote
TigerShark 2
Tiger Shark 2 Plus

Your Hayward Pool Cleaner has been manufactured, tested and inspected in accordance with carefully specified engineering requirements. It is warranted to be free from defects in materials and workmanship for a period of one year. Coverage is provided to the original owner only and is not transferrable. This limited warranty includes both parts and labor for the cleaners listed above. This warranty gives you specific legal rights. You may also have other rights, which vary from state to state

#### **EXCEPTIONS AND EXCLUSIONS FROM WARRANTY**

Damage, malfunctions or other failures of the cleaner arising from improper electrical supply levels are excluded from this warranty. Malfunctions, failure or damage of the cleaner caused by improper, unreasonable, or negligent use or abuse by the consumer, are excluded from this warranty.

Any repair that is made on your cleaner during the warranty period by anyone other than an Authorized Hayward Warranty Service Center (designated to perform such work) will void this warranty and other warranty rights you may have.

Filter cartridges and debris bags are not covered by this warranty

#### **INSTRUCTIONS TO OBTAIN WARRANTY REPAIR**

To obtain repair of your Hayward cleaner under this warranty, the following procedure must be followed:

• Locate and deliver the cleaner to the nearest Hayward Factory Authorized Warranty Service Center. Your Authorized Hayward Warranty Service Center can be located by visiting <a href="https://www.haywardnet.com">www.haywardnet.com</a>. You may also call 908-355-7955 to locate you nearest authorized service center. Cost of transportation, if required, is at the sole expense of the owner. Proof of purchase is required.

#### **TERMS**

If a warranty claim is made and the product delivered to an Authorized Hayward Warranty Service Center within the warranty period, your Hayward cleaner will be repaired at no charge (parts & labor) to you. Listed warranty exclusions apply.

No dealer, distributor, or other similar person has any authority to make any warranties or representations concerning Hayward Pool Cleaner products or to extend this warranty beyond the express items contained herein. Accordingly, Hayward Pool Products assumes no responsibility for any such warranties or representations beyond the express items contained in this limited warranty.

#### WARRANTY REGISTRATION CARD

You can register your unit on-line by visiting <u>www.Haywardnet.com</u> or by filling out the registration card and returning it to:

Hayward Industries Attn Warranty Department 620 Division Street Elizabeth, NJ 07207

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#### SAFETY PRECAUTIONS

The KingShark2 Plus automatic swimming pool vacuum cleaner has been manufactured to the standards of ETL (Edison Testing Laboratories) with the highest degree of care and concern for safety. We suggest the following safety precautions become part of your pool safety regulations:

- ALWAYS PUT THE MACHINE INTO THE WATER BEFORE CONNECTING IT TO THE MASTER CONTROL BOX.
- ALWAYS CONNECT THE MACHINE TO THE MASTER CONTROL BOX PRIOR TO PLUGGING THE MASTER CONTROL BOX INTO THE OUTLET.
- IT IS IMPORTANT FOR SWIMMERS' SAFETY TO REMOVE THE UNIT IMMEDI-ATELY FOLLOWING USE. THIS WILL ALSO IMPROVE THE OPERATING LIFE OF YOUR KINGSHARK2 PLUS.
- BE CERTAIN THE MASTER CONTROL BOX IS ONLY PLUGGED INTO A GROUNDED ELECTRICAL OUTLET EQUIPPED WITH A GROUND FAULT CIRCUIT INTERRUPTER.
- DO NOT HANDLE MACHINE WHILE IT IS PLUGGED INTO THE MASTER CONTROL BOX.
- DO NOT USE AN EXTENSION CORD. THIS COULD CREATE A SAFETY HAZARD AND/OR DAMAGE YOUR UNIT.
- ALWAYS STAY OUT OF THE POOL WHILE CLEANER IS IN OPERATION.
- NEVER ALLOW PLUG TO ENTER THE POOL.
- DO NOT OPERATE THE MACHINE OUT OF WATER. THIS WILL DAMAGE THE MOTOR SEAL AND VOID THE WARRANTY.
- DO NOT DRAG THE MACHINE OUT OF THE POOL AGAINST THE SIDE WALL. THIS COULD DAMAGE UNIT AND/OR YOUR POOL WALL.
- 11. SOME POOLS HAVE A CORNER OR A CORNER STEP CONFIGURATION THAT MAY CAUSE THE UNIT TO "HANG-UP;" THEREFORE, DO NOT LEAVE THE UNIT COMPLETELY UNATTENDED FOR MORE THAN 1/2 HOUR. OC-CASIONAL OBSERVATION AND ATTENDANCE CAN ALSO REDUCE ANY TENDENCY FOR THE CORD TO TWIST.

While the KingShark2 Plus has been made to operate as safely as possible, we suggest you exercise reasonable care in the handling of the vacuum and inspect the electrical cord frequently for damage or wear, as with any other electrical appliance. After use, remove the unit and rinse with fresh water and remove any twists that may be present in the cord.

#### GENERAL INFORMATION

You have purchased the finest piece of equipment in the pool cleaner industry. If you treat it as such, your KingShark2 automatic swimming pool vacuum cleaner will give you years of satisfactory service. As a suggestion, the unit should be stored in the original shipping container for safekeeping during the off season.

#### **ADJUSTMENT**

THERE IS ONE ADJUSTMENT THAT MAY BE NECESSARY FOR USE IN YOUR POOL. PLEASE TAKE THE FEW MINUTES NECESSARY TO UNDERSTAND THIS SIMPLE PROCEDURE:

- The height of the sensor bar #3210 (Page 9, Key 2) is pre-set at the factory for average pools. It may be necessary to readjust the height of the sensor bar for the machine to operate satisfactorily in your pool.
- 2. In "Free Form" or "Bowl Shaped" pools, the sensor bar may have to be raised to a higher setting to allow the machine to climb out of the deep end and clean up the radius or slope as far as possible without the machine turning over.
- 3. Adjustment of the sensor bar #3210 (Page 9, Key 2) is made by loosening adjusting arm bolts #2121 B (Page 9, Key D) located just ahead of the intake. With the machine sitting on a level surface, loosen both adjusting arm bolts, and move sensor bar to desired position. Make certain the sensor bar is parallel to the level surface and retighten the adjusting arm.
- 4. It may be necessary to reset the sensor bar several times to find the best position for operation in your pool. Sensor bar should glide freely. This can be checked by pushing back on the sensor bar which will activate the reversing arms.

#### **OPERATING INSTRUCTIONS**

- Select nearest grounded outlet supply of 110/115/220/240 voltage.
   CAUTION: avoid overloaded circuits as low or high voltage can damage your motor. A connected ground is most important. Plug into outlet. Observe machine as it travels over bottom of pool.
- Allow machine to travel around the pool until it is clean. Average 75' x 150' pool will required approximately 4 hours. <u>If the pool has a heavy accumulation of debris, it</u> <u>may be necessary to clean the filter several times during the vacuuming period.</u>
- Upon completion of vacuuming the pool, allow the unit to travel to the shallow end of the pool. Before it reaches the pool wall, turn power off, raise the unit by the white nylon rope #1312, then remove the unit from the water by use of the handle. Allow excess water from the filter to drain into the pool with the KingShark2 resting on the edge or coping. Do not leave machine in water after disconnecting.

REMOVE THE UNIT IMMEDIATELY AFTER USE.

### ALLOWING UNIT TO COOL IN WATER AFTER RUNNING CAN CAUSE MOTOR SEAL DAMAGE.

- 4. To clean the cartridge filters #7807 (Page 10, Key 7) remove the filter housing assembly #3400 (Page 10, Key 13) by removing the filter knob and releasing the filter box.
- 5. Cleaning the filters after each use is an important part of maintaining your King-Shark2. Clean filters will allow the machine to function most efficiently.
- 6. Disassemble the filter housing assembly #3400 (Page 10, Key I3) by removing the four (4) filter knobs #3405 (Page 10, Key 3) The filter backplate #3416 (Page 10, Key 10) and filter cartridges #7807 can then be removed.
- 7. Clean cartridges with a water hose using a pressure nozzle.
- 8. Use the KingShark2 on a regular basis to keep your pool clean.

#### **MOTOR INFORMATION**

The Motor in your KingShark2 has automatic overload protection. The overload switch will protect the motor against burning out when an obstruction stops the machine. When an obstruction stops the machine, UNPLUG THE CORD FROM THE OUTLET and remove the unit from the pool. Turn the machine over and with the aid of a long screw driver or needle-nose pliers, rotate the impeller and dislodge any foreign object. All large objects should be removed from the pool before the KingShark2 is put into operation.

#### **TROUBLE SHOOTING**

### Where to set Sensor Bar (Make adjustments in 1/4" Increments)

Machine fails to come out of deep end:

Raise sensor bar to allow the machine to climb the incline to shallow end.

Machine turns in circles and twists cord:

- 1. Sensor bar too high, hitting hood, or is not level.
- 2. Thread on reversing arm #2203 (Page 9, Key 16) is worn or stripped, not allowing reversing mechanism to disengage.
- 3. Drive wheel broken.
- 4. Drive belt broken.
- Is the unit being run in the pool for too great a length of time? Four hours in operation in the larger pools should be sufficient with not more than a few twists in the cord, which should be straightened out after each vacuuming.

#### Machine does not pick up:

- 1. Filter may be clogged and not permitting the flow of water through the filter cartridges, (clean filter cartridges).
- 2. Large object lodged in the intake or in the impeller housing (remove object).

#### Machine does not move:

- 1. Not connected to live outlet, (check electrical source).
- 2. Object lodged in impeller, (remove object).
- 3. A short in the motor, (check the ground fault interrupter for tripping).

#### TROUBLE SHOOTING

- Unit runs for short distance but stops. Check for overloaded circuit or possible faulty motor. \*Contact service center\* (DO NOT USE EXTENSION CORDS.)
- 5. Motor runs but unit becomes motionless (gear box worm is worn or the drive pin is sheared).

Machine tips over backwards before sensing wall:

- 1. Improper sensor bar adjustment, (too high).
- Cord too short for pool length. \*Contact service center.\*
- 3. You may need optional float Part No. 7 (Page 13) call factory or local dealer/service center.

Machine tips over before tripping or sensing wall:

1. Lower sensor bar to ensure it will engage and reverse unit.

**KEEP SENSOR BAR LEVEL AT ALL TIMES!** 

#### **SPECIFICATIONS**

#### **MOTOR:**

Type	Submersible	EXPORT ONLY
Type Voltage	110/115 Volts	
Frequency	60 Cycle	60/50 Cycle
Speed		
Bearing	Ball Bearings	
Housing		
Motor Seals	Double Lip Wave	
	Thermal Overload	

DRIVE:

FILTER:

Type	Self Contained
Filter Media	Corrugated Resin Impregnated Element
Porosity	
Filter Area	. 40 Square Feet
Housing	Molded Plastic
Gallons Circulated	

#### **SHAFT and AXLE:**

All parts such as axle, shafts, pins, fasteners, rods, etc., are corrosion resistant.

#### (KingShark2) SPECIFICATIONS WITHOUT SWIVEL

UNIT	DIMENSIONS	UNIT WEIGHT	UNIT CORD LENGTH
Height	15 in. (38.1 cm)	86.5 lbs. (39.2 Kg)	150 ft. (45.7m)
Width	24 in. (60.0 cm)		
Length	29 in. (73.6 cm)		

#### (KingShark2) SPECIFICATIONS WITH SWIVEL

UNIT	DIMENSIONS	UNIT WEIGHT	UNIT CORD LENGTH
Height	19.5 in. (49.5cm)	89.0 (40.5 Kg)	150 ft. (45.7m)
Width	24 in. (60.0 cm)		
Length	29 in. (73.6 cm)		

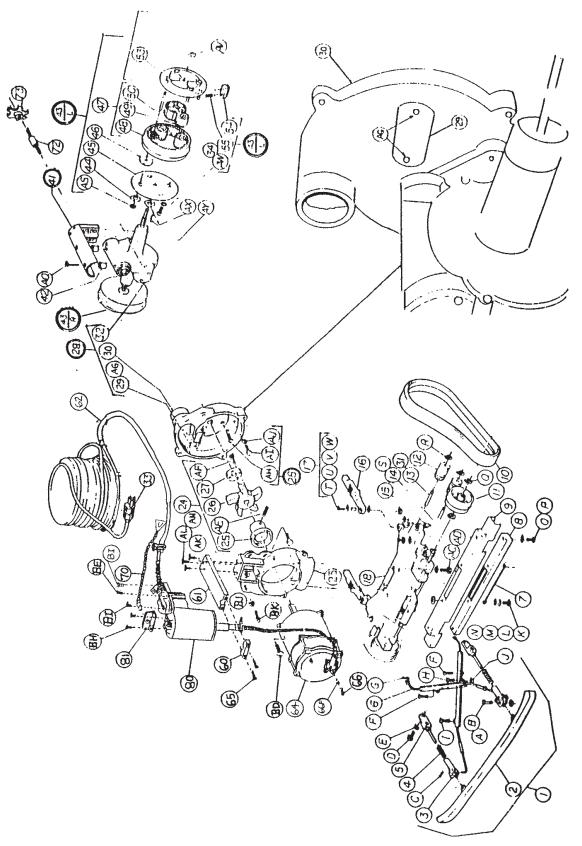
#### (KingShark2) W/BOX SPECIFICATIONS

UNIT B	OX DIMENSIONS	UNIT BOX WEIGHT	UNIT BOX VOLUME
Height	19.5 in. (49.5 cm)	105 lbs. (47.6 Kg)	9.38 ft <sup>3</sup> (.3m <sup>3</sup> )
W/Swivel	23.5 in. (59.7 cm)		
Width	26.0 in. (66.0 cm)	109 lbs. (49.4 Kg)	11.31 ft <sup>3</sup> (.36m <sup>3</sup> )
Length	32.0 in. (81.3 cm)	w/optional Swivel	w/optional Swivel

#### **CADDY CART W/BOX SPECIFICATIONS**

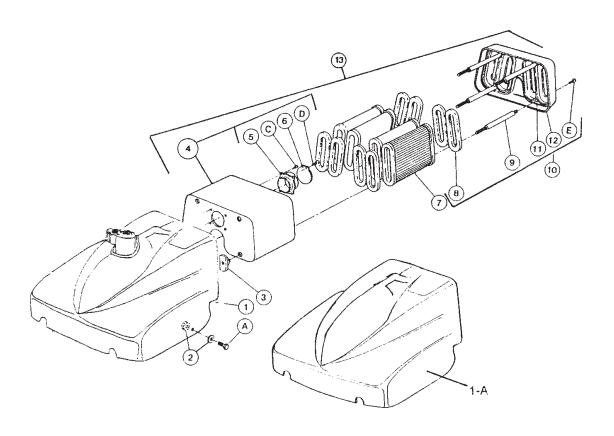
CARTI	BOX DIMENSIONS	<b>CADDY CART WEIGHT</b>	CART BOX VOLUME
Height	12.5 in. (31.8 cm)	16.5 lbs. (7.5 Kg)	6.92 ft <sup>3</sup> (0.2m <sup>3</sup> )
Width	22.5 in. (57.2 cm)	WITH BOX	
Length	42.5 in. (107.0 cm)	29.0 lbs. (13.2 kg)	

#### **WITH SWIVEL**



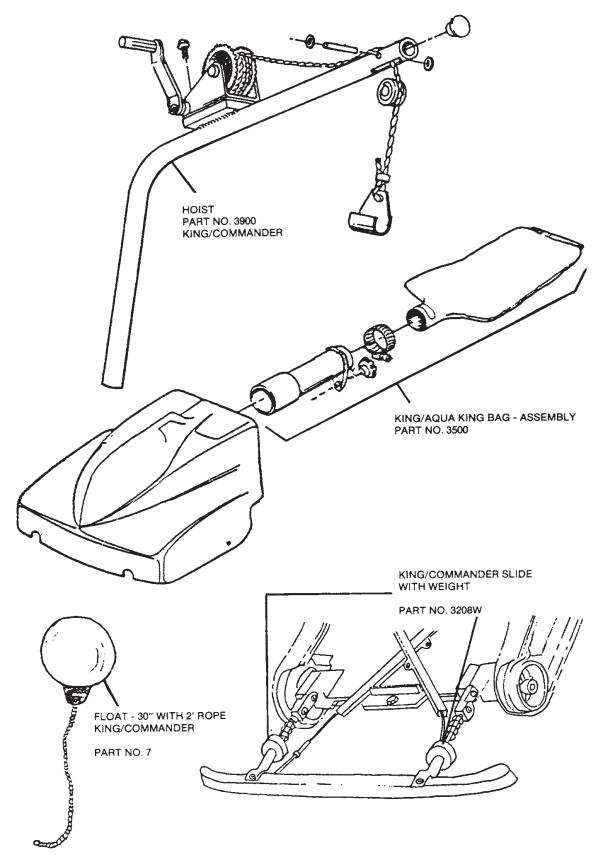
PART DESCRIPTION	B/H	-	-	4	-	-	-	-	0	0	-	-						-	7	7	-							-	-			-					
PART DESCRIPTION	$\Box$	-	-	4	-	-	-	-	0	7	-	-						-	7	7	-							-	-		1	-					
BAH - SENSOR BAH	REQ	2	0	80	Ŋ	7	0	7	4	4	7	7	-	-	-	-	က	2	4	4	7	-	-	-	-	-	-	7	Ŋ	2	2	-					
PART DESCRIPTION         REG         LH RH         REF         PART TOESCRIPTION         REG         LH RH         KEY         PART TOESCRIPTION         REG         LH RH         KEY           22.10         BAH - SERISOR ASSEMBLY         1         1         1         1         1         47           22.00         SULDE - SERISOR ASSEMBLY         1         1         1         1         1         47           22.00         SULDE - SERISOR BAR         2         1         1         1         2         1         1         49           22.00         NUTHEX 14420S         2         1         1         2         2000         BOLTHEX HD 54CH8XTS         2         1         1         2         2000         BOLTHEX HD 54CH8XTS         2         1         1         2         2         1         1         2         2         1         1         4	PART DESCRIPTION	PLANETARY GEAR - ASSEMBLY	GEAR - RING (REF. ONLY)	GEAR - PLANETARY (REF. ONLY)	GEAR - SUN (REF. ONLY)	PLANET - OUTSIDE W/PINS L&R	RING SNAP 1/2"	LOCK - WHEEL	SPRING - WHEEL LOCK SS	SCREW RD HD 10-32X1" SS	WASHER FLAT 7/16" SS	KEY 1/8" SS - DRIVE WHEEL	SWIVEL BRACKET CLAMP	SWIVEL MOUNTING BRACKET	CORD SET 150' SWIVEL	MOTOR - 3/4 HP 110 V/60HZ NS/PI	SCREW RD HD 1/4-20X1 1/4" SS	1/4-20X1 1/4" HEX HD BOLT	8-32X3/4" SCREW SS	WASHER #8	10-32X1" RD HD SS	BOLT HEX HD 1/4-20X5/8" SS	ROPE 5'	STUD FILTER RETAINER	KNOB - FILTER	AQUA KING SWIVEL	ROPE - BRACKET N/S	1/4-20X1 5/8" SCREWS SS	SELF TAPPING	WASHER FLAT 5/16" SS	BOLT HEX HD 5/16-18X3/4" SS	-					
PART DESCRIPTION         REO         LH RH         KEY         PART NO.         PART DESCRIPTION         REO         LH RH         REO         LH RH         RED         RED         LH RH         RED         RED         LH RH         RED         RED         LH RH         RED         RED         RED         LH RH         RED         RED         R	I PART NO.	2602	2602B	2603	2604	2601	1814D	2606	1607	2606A	1814C	2108	8185	8180	512	4011	4208	1808	1809	18028	2606A	2302A	2314	3431	7809	8002	3304	2302A	2810	2121E	2121D	_					
PART DESCRIPTION         REQ         L/H         RAH MED         LFW         PART DESCRIPTION         REQ         L/H           221         BAA - SENSOR ASSEMBLY         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         2         2         1         1         3         2         1         2         2         1         4         2         2         2         1         4         2         2 <t< td=""><td>KEY</td><td>47</td><td>48</td><td>49</td><td>20</td><td>23</td><td>⋛</td><td>24</td><td>22</td><td>₩</td><td>¥</td><td>Α</td><td>09</td><td>61</td><td>62</td><td>64</td><td>BD</td><td>92</td><td>99</td><td>99E</td><td>뮒</td><td>胎</td><td>70</td><td>72</td><td>73</td><td>80</td><td>81</td><td>표</td><td>丽</td><td>8</td><td>ဣ</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	KEY	47	48	49	20	23	⋛	24	22	₩	¥	Α	09	61	62	64	BD	92	99	99E	뮒	胎	70	72	73	80	81	표	丽	8	ဣ						
PART NO.         PART DESCRIPTION         REQ.         1.H         RAH         KEY         PART DESCRIPTION         REO.           2210         BAR - SENSOR BAA         1         1         1714A         SLEEVC - GUIDE PIN SS         2           2200         BAR - SENSOR BAA         2         1         1         2         1         1         2           2200         SCHEW POLD 14-20X1 1/4* SS         2         1         1         2         2         1         1         2         2         1         1         2         2         2         1         1         2         2         1         1         2         2         1         1         2         2         2         2         1         1         2         2         2         1         1         2         2         2         2         2         2         2         2         2         3         3         3         3         4 <td>B/H</td> <td>-</td> <td>-</td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>7</td> <td></td> <td></td> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>4</td> <td>4</td> <td>-</td> <td>4</td>	B/H	-	-			-	-									-		7			7							-					-	4	4	-	4
PART DESCRIPTION         REQ         UH         RAY         PART DESCRIPTION           2211         BAR - SENSOR ASSEMBLY         1         1         1114         SLEEWE - GUIDE PIN SS           2208         SUIDE - SENSOR BAR         2         1         1         2200C-818         NUT LOCK HEX 10-32 SS           208         SUIDE - SENSOR BAR         2         1         1         23         2207         HOUSING BELL           2080         NUT HEX 14-20 SS         2         1         1         2200C-818         PARTE - BASE           2090         NUT HEX 14-20 SS         2         1         1         AC         2200C-818         PARTE - BASE           2007         ARM - SENSOR BAR ADUUSTING         2         1         1         AC         2200C-818         PARTE - BASE BADE           2121B         BOLT HEX HD 14-20X34*         S         2         1         AC         2210F         ACREW PARTE - BASE BADE           2121B         BOLT HEX HD 14-20X34*         SS         2         1         AC         210A         MPRELLER - ASSEMBLY           2121B         BOLT HEX HD 10-22X1*         ASS         2         1         AC         210A         MPRELLER - ASSEMBLY           2121B	3	-	-			-	-									-		0			0							-				-		4	4	-	4
PARTINO         PART DESCRIPTION         REO         I/H         B/H         KEY         PARTINO           2211         BAR - SENSOR ASSEMBLY         1         1         W         1610B           2208         SCHEW HOLD 1/4-20X1 1/4"SS         2         1         1         18         2200C-81R           2209         NUT HEX 1/4-0SX         2         1         1         24         2101A           2207         ARM - SENSOR BAR SUIDE SS         2         1         1         24         2101A           2207         ARM - SENSOR BAR SUIDE SS         2         1         1         24         2101A           2207         ARM - SENSOR BAR SUIDE SS         2         1         1         24         2101A           2207         ARM - SENSOR BAR SUIDE SS         2         1         1         24         2101A           2207         ARM - SENSOR BAR SUIDE SS         2         1         1         24         2101A           2207         ARM - SENSOR BAR SUIDE SS         2         1         1         24         2101A           2208         ARM - SENSOR BAR PLAT 1/4"SS         2         1         1         2         102A           221         ASE	REO	0	8	-	-	8	8	-	-	-	-	-	4	-	-	Ø	-	4	-	-	4	0	-	က	က	က	က	N	-	2	0	-	-	80	∞	0	ω
## PART NO. PART DESCRIPTION ## REO   L/H   R/H   KEY   ## SENSOR ASSEMBLY   1   0   W   ## SENSOR BAR   1   1   1   1   W   ## SENSOR BAR   1   1   1   1   1   W   ## SCREW RD HD 1/4-20X1 1/4" SS   2   1   1   23   ## SCREW RD HD 1/4-20X3   2   1   1   24   ## SCREW RD HD 1/4-20X3/4" SS   2   1   1   26   ## SENSOR BAR ADUUSTING   2   1   1   25   ## SENSOR BAR ADUUSTING   2   1   1   26   ## SENSOR BAR ADUUSTING   2   1   1   36   ## SENSOR BAR BAR ELLA ## OS   2   1   1   36   ## SENSOR BAR BAR BAR BAR BAR BAR BAR BAR BAR BA	PART DESCRIPTION	SLEEVE - GUIDE PIN SS	NUT LOCK HEX 10-32 SS	PLATE - BASE	HOUSING BELL	BOLT HEX HD 5/16-18X1" SS	WASHER FLAT 5/16" SS	IMPELLER - ASSEMBLY	COLLAR - IMPELLER DRIVE	SCREW SET 1/4-20X5/8" SS	IMPELLER - 5 BLADE	RING - PLASTIC	SCREW RD HD 10-32X1 1/4" SS	GEAR BOX ASSEMBLY	PLATE - INSPECTION	BOLT HEX HD 1/4-20X3/8" SS	HOUSING - PUMP	NUT HEX 1/4-20 SS	SEE ITEM #28	PLUG - ELECTRIAL	WASHER STAR #10 SS	WASHER INTN LOC 1/4"	SCREW FLAT HD SLOT 1/4-20X3/4" SS	BOLT HEX HD 1/4-20X3/4" SS	WASHER FLAT 1/4" SS	1/4-20X1 1/4" HEX HD BOLT	1/4" FLAT WASHER	1/4-20 NUT	SADDLE ASSY N/S	SCREW FLAT HD SLOT 10-32X1 1/4" SS	SPACER - SADDLE	WHEEL - DRIVE ASSEMBLY LEFT	WHEEL - DRIVE ASSEMBLY RIGHT	BUTTON - WHEEL	CLIP "E" 1/4" SS	PLATE - WHEEL INSIDE	WASHER WHEEL - PLASTIC
PART NO.         PART DESCRIPTION         REO.         I/H         R/H           3211         BAR - SENSOR ASSEMBLY         1         1         1           3208         SUIDE - SENSOR BAR         2         1         1           3208         SUIDE - SENSOR BAR         2         1         1           4208         SCREW RD HD 1/4-20X1 1/4" SS         2         1         1           3209         NUT HEX 1/4-20 SS         2         1         1           1703D         HAIR PIN COTTER 1/16X1/2" SS         2         1         1           2206         ARM - SENSOR BAR BULDESS         2         1         1           2212-81         ARPH SENSOR BAR ADUUSTING         2         1         1           2212-81         BOLT HEX HD 1/4"-20X3/4" SS         2         1         1           2212-81         BOLT HEX HD 1/4"-20X3/4" SS         2         1         1           2212-81         BOLT HEX HD 10-32X1 1/4" SS         2         1         1           2212-81         SCREW PAN HD 10-32X1 1/8" SS         2         1         1           2206A         SCREW PAN HD 10-32X1 1/8" SS         2         1         1           222A         SCREW PAN HELL PL	PART NO.	1714A	1610B	2200C-81R	3207	2200C	2121E	2101A	2102	2121F	2103	2103A	2102B	3105P	3124P	3126	3121	351A	Ref. only	5919	1703B	2318	2121C	2121B	2220B	1808	2220B	3209	3432	3424	3423	2608L	2608R	1114A	1608	2600	2605
## PART DESCRIPTION   REO   L/H   ## SENSOR ASSEMBLY   1   ## SENSOR BAR   1   ## SENSOR BAR   2   ## SENSOR BAR BALDE S   2   ## SENSOR BAR BALDUSTING   2   ## SENSOR BAR BALD   10-32X1 1/4" SS   1   ## SENSOR BAR BALD   10-32X1 1/4" SS   2   ## SENSOR BAR BALD   10-32X1 1/4" SS   2   ## SENSOR BALD   10-32X1 1/2" SS   3   ## SENSOR BALD   10-32X1 1/2" SS	KEY	>	≥	18	23	AC	AD	24	25	ΑE	56	27	ΑF	28	59	AG	30	31	32	33	34	35	AH	₹	A	AK	AL	AN	41	AQ	42	43L	43R	44	AS	45	46
PART NO.         PART DESCRIPTION         REO.           3211         BAR - SENSOR ASSEMBLY         1           3208         SLIDE - SENSOR BAR         1           3208         SCREW RD HD 1/4-20X1 1/4" SS         2           4208         SCREW RD HD 1/4-20X1 1/4" SS         2           3209         NUT HEX 1/4-20 SS         2           1703D         HAIR PIN COTTER 1/16X1/2" SS         2           2206         ARM - SENSOR BAR ADJUSTING         2           2208         WASHER FLAT 1/4" SS         2           2212-81         BOLT HEX HD 1/4"-20X3/4" SS         2           2212-81         CABLE - ASSEMBLY         2           2212-81         SCREW PD HD 10-32X1 1/4" SS         2           2206-A         SCREW RD HD 10-32X1 1/2" SS         2           2206-A         SCREW RD HD 10-32X1/2" SS         2           2204-C         WASHER FLAT #10 SS         2           2204-C         WASHER FLAT #10 SS         2           2204-C         WASHER FLAT #10 SS         2           22	B/H			-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	-	-		-	-		-	-	-	2	7	2	7	-	-	-	2
### PART NO. PART DESCRIPTION ### SENSOR ASSEMBLY ### SENSOR ASSEMBLY ### SENSOR BAR BLIDE SS ### SENSOR BAR BAL J4# SS ### SCREW PAN HD 10-32X1 1/4# SS ### SCREW PAN HD 10-32X1/2# SS	7			-	-	-	-	-	-	-	-	-		-	-		0		-	-	-	-		-	-		-	-	-	7	7	0	7	-	-	-	7
2211 2210 3210 3208 4208 3208 1703D 2207L 2207L 2206 212-81 2212-81 1703-81 1715-81 2204-C 1605-82-83 1715-82-83 1702-83 2311-81 1702-84 2311-84 1702-84 2311-84 1702-84 2311-84 1702-84 2211-84 1702-84 2211-	REO	-	-	2	7	7	7	7	7	2	2	2	-	7	-	-	က	-	7	7	7	7	-	7	2	-	7	7	7	4	4	4	4	7	7	7	4
	PART DESCRIPTION	BAR - SENSOR ASSEMBLY	BAR - SENSOR	SLIDE - SENSOR BAR	SCREW RD HD 1/4-20X1 1/4" SS	NUT HEX 1/4-20 SS	HAIR PIN COTTER 1/16X1/2" SS	SPRING - SENSOR BAR SLIDE SS	ARM - SENSOR BAR ADJUSTING		WASHER FLAT 1/4" SS	CABLE - ASSEMBLY	SCREW PAN HD 10-32X1 1/4" SS	HAIR PIN COTTER 1/6X1/2" SS	SCREW RD HD 10-32X1 1/4" SS	SCREW RD HD 10-32X1" SS	SPACER - CABLE	BAFFLE - WIRE SS	SCREW PAN HD 10-32X3/4" SS	WASHER STAR #10 SS	WASHER FLAT #10 SS	WASHER - WHEEL PLASTIC	STABLIZER - INTAKE	SCREW RD HD 10-32X1/2" SS	WASHER FLAT #10 SS	INTAKE NEW STYLE	BELT - DRIVE	WHEEL - FRONT	RING SNAP 1/2"	ROLLER - BOTTOM BELT GUIDE	AXLE - GUIDE ROLLER	RING SNAP 3/8" SS	BUSHING - BRONZE	ARM - REVERSING L&R	GUIDE PIN - ASSEMBLY	BOLT HEX HD 10-32X1 1/2" SS	WASHER FLAT #10 SS
<ul><li>Н - и ω 4 ш О 4 и О ш ю г Ω I - J ν X 1 Σ N ω О σ ω 6 t Ω α ξ π ξ δ γ г</li></ul>	PART NO. 1	3211	3210	3208	4208	3209	1703D	2207L	2206	2121B	2220B	2212-81	2212A	1703D	2102B	2606A	4173	2226A	2126A	1703B	2204C	1605	2225	1715	2204C	2226	2303V	2202V	1814D	2310-01	2311S	1702A	2317A	2203	1714	1714C	2204C
<u>                                     </u>	KEY	-	7	ო	4	В	O	4	2	۵	ш	9	ш	ŋ	I	-	7	7	¥	_	Σ	z	œ	0	۵	6	10	Ξ	σ	12	13	Œ	15	16	17	<b>-</b>	5

#### **HOOD & FILTER ASSEMBLY**

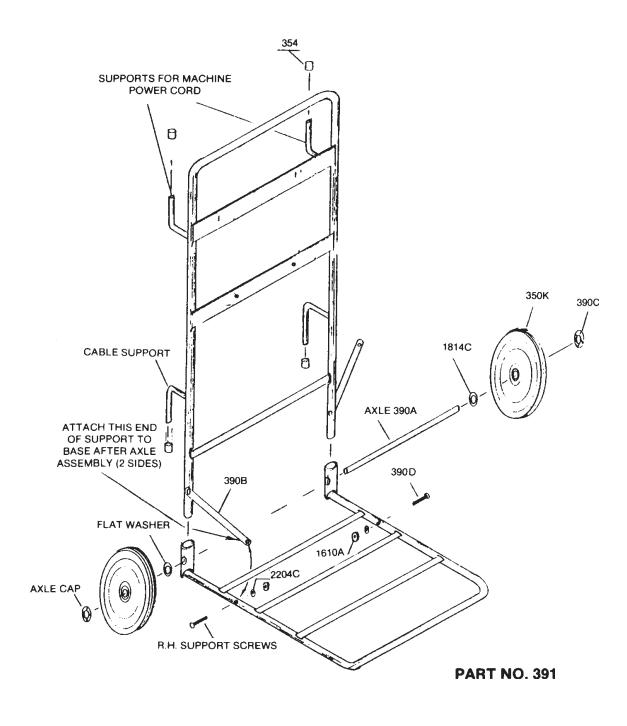


KEY	PART NO.	PART DESCRIPTION	REQ	L/H	R/H_
1-A	3310G	HOOD - GREY PLASTIC	1		
1	3310GS	SWIVEL HOOD - GREY PLASTIC	1		
2	3309	SPACER - HOOD MOUNTING	4	2	2
Α	212B	BOLT HEX HD 1/4-20X3/4" SS	2	1	1
3	3405	KNOB - FILTER	4	2	2
4	3409	KNOB - FILTER ASSEMBLY	1		
5	3401	INTAKE - FILTER HOUSING	1		
С	3402	SCREW PHIL HD #4X3/8" SS	4	2	2
6	3403	BAFFLE - FILTER HOUSING	1		
D	3402	SCREW PHIL HD #4X3/8" SS	2	1	1
7	7807	FILTER - CARTRIDGE	4	2	2
8	7813	GASKET FOAM 1/4" OVAL	8	4	4
9	7808PC	TIE ROD - FILTER	4	2	2
10	3416	PLATE - BACK ASSEMBLY	1		
11	3411	PLATE - REINFORCING BACK	1		
		(REFERENCE ONLY)			
12	3410	PLATE - BACK (REF. ONLY)	1		
E	3402	SCREW PHIL HD #4X3/8" SS	4	2	2
13	3400	FILTER ASSEMBLY - COMPLETE	1		

#### **ACCESSORIES**



### ACCESSORIES CADDY CART



### KingShark2Plus PREVENTATIVE MAINTENANCE

Congratulations on the purchase of the KingShark2Plus. The KingShark2 is built and designed to give you years of service.

In order to maximize efficiency and receive long term service, we suggest the following:

- 2. Thoroughly rinse entire unit after use.
- Clean filters thoroughly after each use a clogged filter will decrease 3. efficiency dramatically.
- Remove any twists in the cord after each use. Twisting should be minimal 4. if the unit is functioning properly.
  - Avoid allowing the unit to "cool down" in the water. For example, if used on a timer, it is better to set for 3:00 a.m. to 8:00 a.m. (then remove) than
- 5. it is to set for 12:00 a.m. to 5:00 a.m. (and remove it at 8:00 a.m.).
- 6. Inspect belts and filter frequently. Replace when necessary.

Always keep your Sensor Bar level; (a non-level Sensor Bar can cause the cord to twist).

#### **Protect Your Investment!**

Following these quick and easy steps will extend the life and efficiency of your KingShark2.

#### PARTS ORDERING INSTRUCTIONS

Should you desire to order repair parts, follow this simple procedure:

- Ascertain each of the parts you will need and identify them by part number. Use this book as a guide; be sure to note that in some cases, due to continual product improvement, parts may vary depending on the time of manufacture.
- Contact your local Factory Authorized Service Center with the list of parts you will need. Be sure to advise the Service Center of the KingShark2 serial number and the date of purchase. If you need the location of your nearest Service Center, go to the Haywardnet.com or call Hayward, 908-351-5400
- 3. All parts will be shipped immediately via best way on a collect freight basis, from the Service Center.
- 4. All shipments will be C.O.D. unless prior arrangements have been made with the service center
- 5. All parts under limited warranty are confined to the specific limitations as stated.

# MakoShark 2 TigerShark

#### FOR RESIDENTIAL POOLS

The MakoShark 2 and TigerShark are portable automatic vacuum cleaners. THERE IS NO INSTALLATION! Several hours each week will enable the MakoShark 2 and TigerShark to keep your pool spotless. NO WHIPS, NO PIPES OR EXTRA PLUMBING. Remember, when you really clean your home, you don't just sweep or dust, you vacuum. There is no better way to clean your home pool than with... the MakoShark 2 or TigerShark.

Place Stamp Here

### Mail today to

### HAYWARD POOL PRODUCTS Attn: Warranty Department 620 Division Street Elizabeth , NJ 07207

	FOLD a		
Serial # (Located on the			_ KingShark2
Name	Registration	of Guarante	e 
Address			
City	State	Zip	
Date Purchased _	Te	ephone	
Price Paid			
How many pools of	do you have?:		
How many Aqua V	/ac units do you have?:		
Purchased from:			