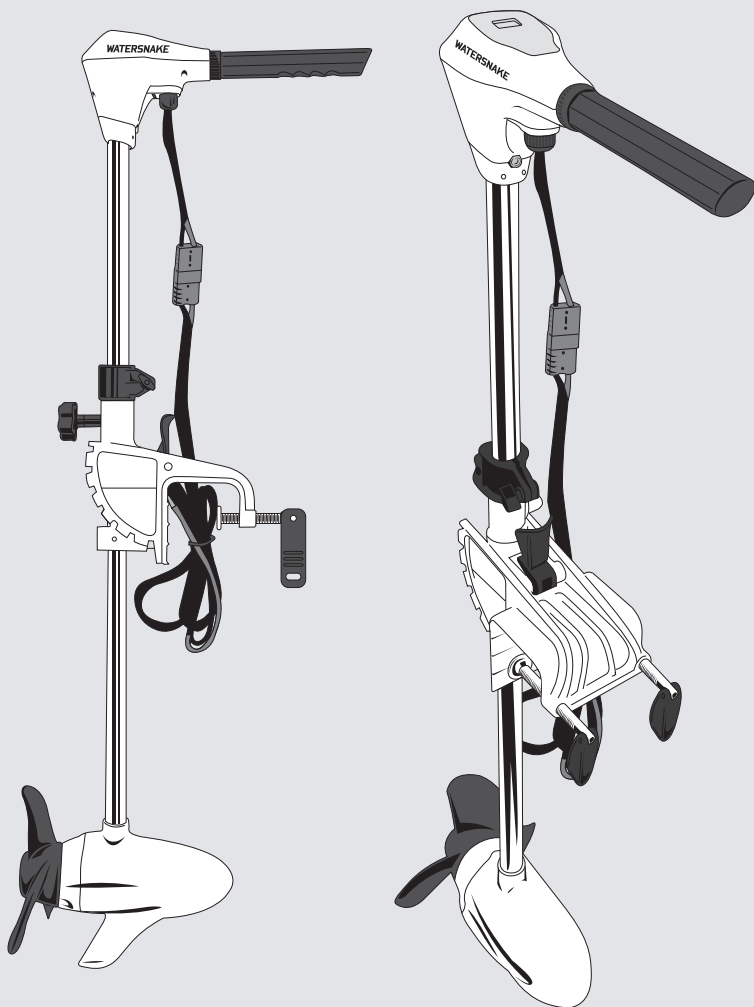




WATERSNAKE[®]
ELECTRIC MOTORS

ADVANCE

**TRANSOM MOUNT BRUSHLESS ELECTRIC MOTOR
OWNERS MANUAL**





SPECIFICATION SUMMARY

MODEL	SWBL 95/42 (ADVANCE BRUSHLESS)
VOLTAGE (V)	24
MAX.THURST (LB)	95
SHAFT LENGTH (IN)	42
MIN AMP DRAW (A/H)	6
MAX AMP DRAW (A/H)	60
PROP	3 BLADE
FOOT CONTROL	N/A
REMOTE HAND CONTROL	N/A
MOUNTING	ALLOY TRANSON MOUNT
CIRCUIT BREAKER	N/A
REQUIRED BATTERY	24v DEEP CYCLE MARINE (2x 12v Batteries)
MIN. RECOMMENDED BATTERY SIZE	80 - 100 AMP HOUR **
MOTOR WEIGHT (WITHOUT BATTERY)	11.6KG
BATTERY WIRE GUAGE	AWG #8
PROPELLER PITCH	107MM
PROPELLER DIMENSIONS	OUTSIDE DIAMETER 250MM
MOTOR LOWER UNIT DIMENSIONS	309MM LONG x 213MM HIGH x 107MM DIAMETER
SHAFT OUTSIDE DIAMETER	30MM - 1.2"
RPM	1500
MIN /MAX WATTS	1320W

MODEL	SWBL 70/42 (ADVANCE BRUSHLESS)
VOLTAGE (V)	12
MAX.THURST (LB)	70
SHAFT LENGTH (IN)	42
MIN AMP DRAW (A/H)	5
MAX AMP DRAW (A/H)	50
PROP	3 BLADE
FOOT CONTROL	N/A
REMOTE HAND CONTROL	N/A
MOUNTING	ALLOY TRANSON MOUNT
CIRCUIT BREAKER	N/A
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	80 - 100 AMP HOUR **
MOTOR WEIGHT (WITHOUT BATTERY)	11.3KG
BATTERY WIRE GUAGE	AWG #8
PROPELLER PITCH	107MM
PROPELLER DIMENSIONS	OUTSIDE DIAMETER 250MM
MOTOR LOWER UNIT DIMENSIONS	309MM LONG x 213MM HIGH x 107MM DIAMETER
SHAFT OUTSIDE DIAMETER	30MM - 1.2"
RPM	1300
MIN /MAX WATTS	780W

**** NOTE** - this is to be used as a guide only. Check with your battery supplier to confirm required size of 12 volt deep cycle marine battery that will be appropriate for your situation. Please note 2 x 12v batteries need to be conneted together in series configuration to form a 24v battery power supply.

MODEL	SWS 70/36 (ADVANCE BRUSHLESS)
VOLTAGE (V)	12
MAX.THURST (LB)	70
SHAFT LENGTH (IN)	36
MIN AMP DRAW (A/H)	5
MAX AMP DRAW (A/H)	50
PROP	3 BLADE
FOOT CONTROL	N/A
REMOTE HAND CONTROL	N/A
MOUNTING	ALLOY TRANSOM MOUNT
CIRCUIT BREAKER	N/A
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	80 - 100 AMP HOUR **
MOTOR WEIGHT (WITHOUT BATTERY)	11.3KG
BATTERY WIRE GAUGE	AWG #8
PROPELLER PITCH	107MM
PROPELLER DIMENSIONS	OUTSIDE DIAMETER 250MM
MOTOR LOWER UNIT DIMENSIONS	309MM LONG x 213MM HIGH x 107MM DIAMETER
SHAFT OUTSIDE DIAMETER	30MM - 1.2"
RPM	1300
MIN /MAX WATTS	780W

PRE INSTALLATION CHECKLIST

- Familiarise yourself with the user manual and the various parts of your Watersnake motor
- Select desired mounting location on boat
- Use a deep cycle marine battery (your Watersnake motor is not designed for use with car / truck / motorcycle type batteries) – for more information about appropriate batteries for your Watersnake motor, refer to page 11
- **WARNING:** Your motor Must Not be connected to the battery while the battery is being charged. This includes any sort of alternator system. You must disconnect your Watersnake motor before every charge. Failure to do so will void your warranty.
- Check the battery cable length in relation to the location of your deep cycle battery. Voltage Drop can be an issue that is encountered if the Battery Power Leads need to be extended due to existing or a preferred battery location on the water craft you are fitting the motor to. To avoid voltage drop, it is usual to adjust the cable gauge down (use larger cable) from the Power Leads that come pre-fitted to the motor. If you are planning to extend the Battery Power Leads that are pre-fitted to the motor, then we recommend you follow the suggestions in the table on page 11 or seek advice from local electrical supplier. Failure to do so will affect motors performance and void warranty.
- **NOTE** – if extending battery cable ensure that the circuit breaker (If your motor is equiped with one.) remains in place on the positive wire.



PRE-USE CHECKLIST – CHECK BEFORE EACH USE

- Ensure that your Watersnake motor is securely attached to your boat (refer to page 5 of manual)
- Fully charged deep cycle marine batteries (your Watersnake motor is not designed to be used with a car / truck / motorcycle type batteries)
- Check battery cable for any signs of damage or exposed wiring
- Check terminals for any signs of corrosion or debris
- Check fuse assembly / circuit breaker – clean if any signs of corrosion or debris. Replace fuse if necessary. (If your motor is equipped with one.)

THE BELOW INFORMATION IS FOR THE USA ONLY.



WARNING: This product can expose you to chemicals including Lead and Lead Compounds, which is known to the state of California to cause Cancer, Birth Defects or other reproductive harm. For more information, go to [**www.P65Warnings.ca.gov**](http://www.P65Warnings.ca.gov).

WATERSNAKE ELECTRIC MOTORS

Congratulations and welcome to a world of silent motoring.

Powerful yet silent, the Watersnake electric motors are built to suit all angling conditions. High quality materials, superior design and precision engineering make these motors longwearing and reliable.

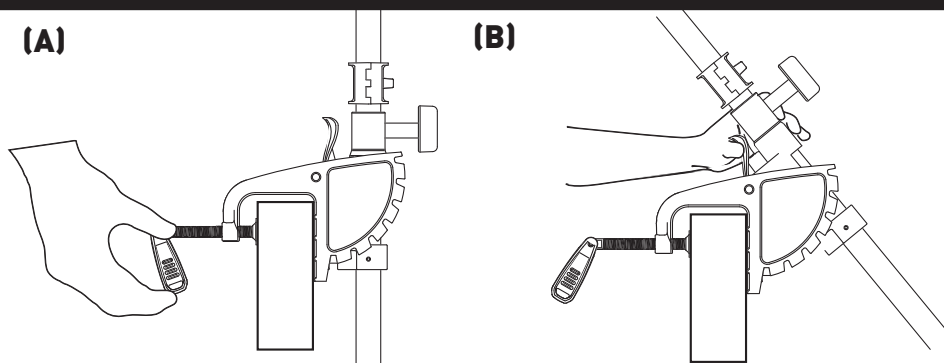
Please read manual completely before starting installation.

ATTACHING THE MOTOR TO YOUR BOAT

Attach the motor to the stern of the boat and tighten both mounting bolts securely while taking care not to over-tighten. (A)

To adjust the angle of the motor after attachment, hold the motor head with one hand and depress the positioning pin at the top of the mounting bracket with your other hand. Press and hold the positioning pin until the desired angle has been reached, next release the pin and ensure the mechanism locks securely. (B)

TIGHTEN BOTH BOLTS SECURELY



**DEPRESS THE POSITIONING PIN
TO ADJUST TILT OF THE BRACKET**

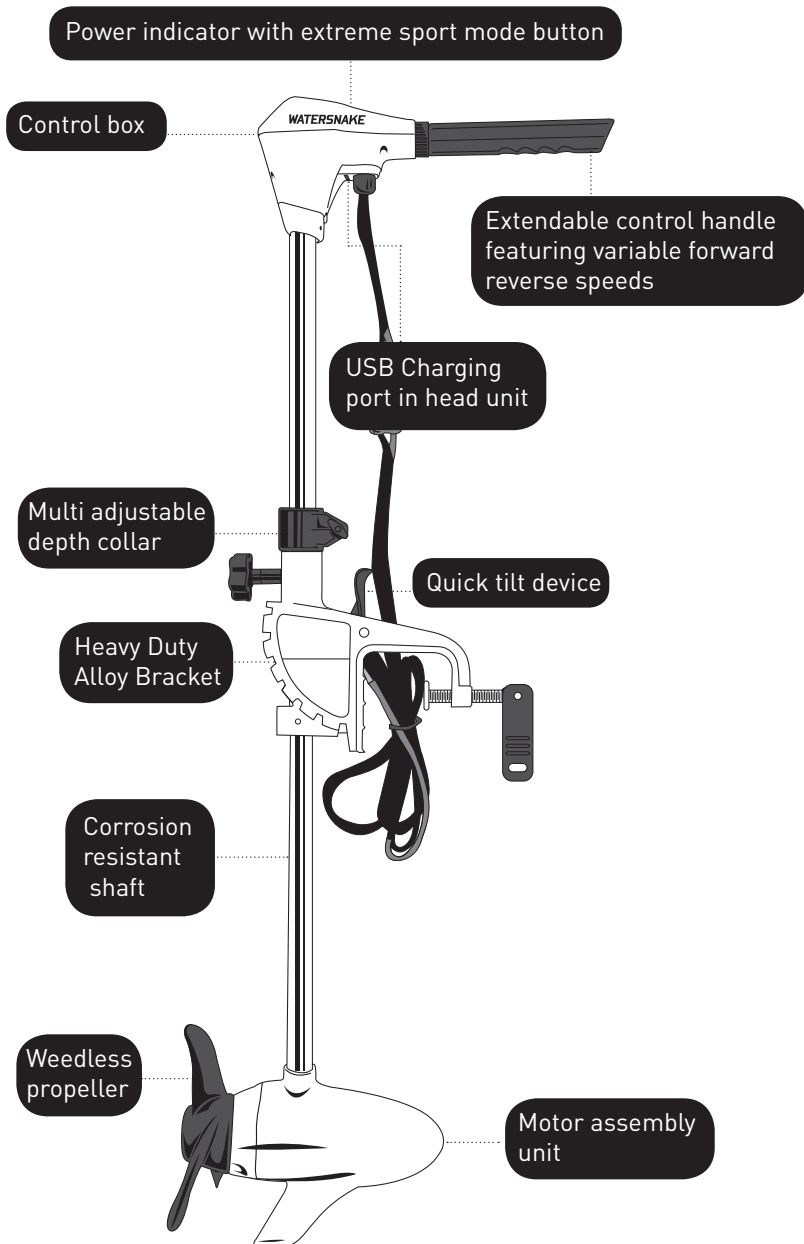
PLEASE NOTE:

Watersnake Distribution Pty Ltd accepts no liability for personal injury or property damage caused while mounting this motor.



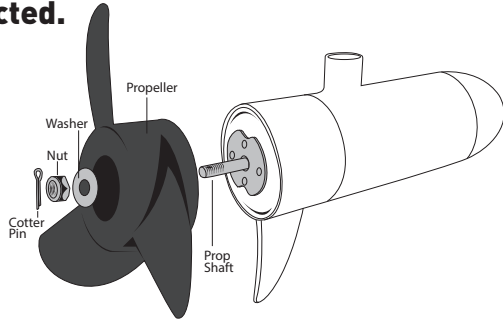
WATERSNAKE®
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ADVANCE BRUSHLESS

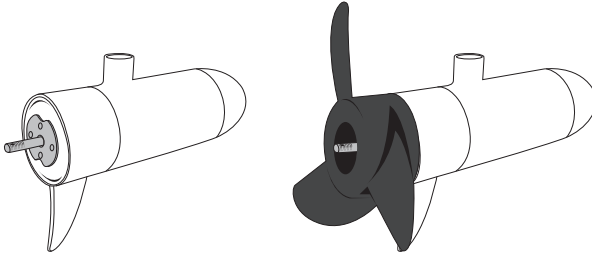


ATTACHING THE PROPELLER

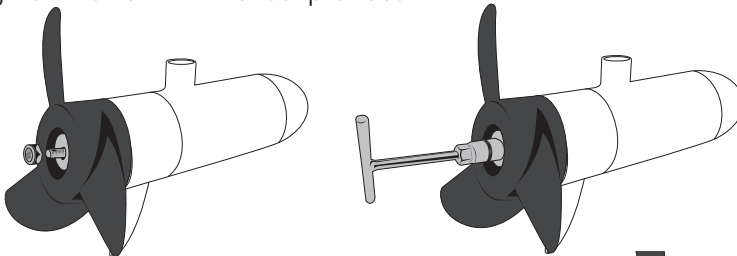
Before doing anything with the propeller, ensure the cables to the battery are disconnected.



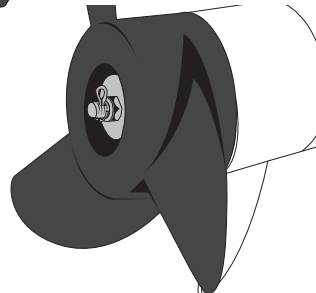
1. Place the propeller over the shaft and slide into position.



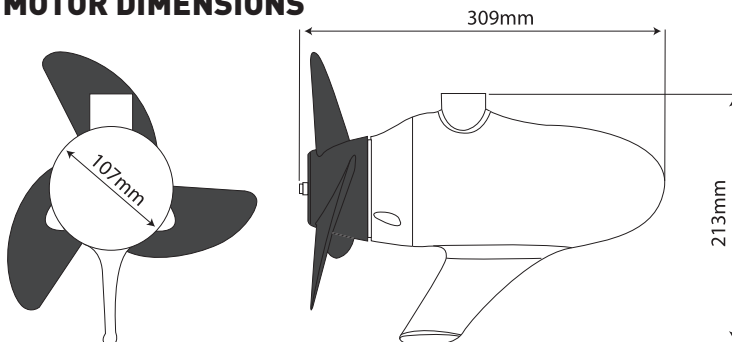
2. Place the washer over the shaft and tighten the nut with the tool provided.



3. Insert the Cotter Pin into the hole in the shaft, bending the pin legs where they exit the shaft to stop the pin falling out.



LOWER MOTOR DIMENSIONS

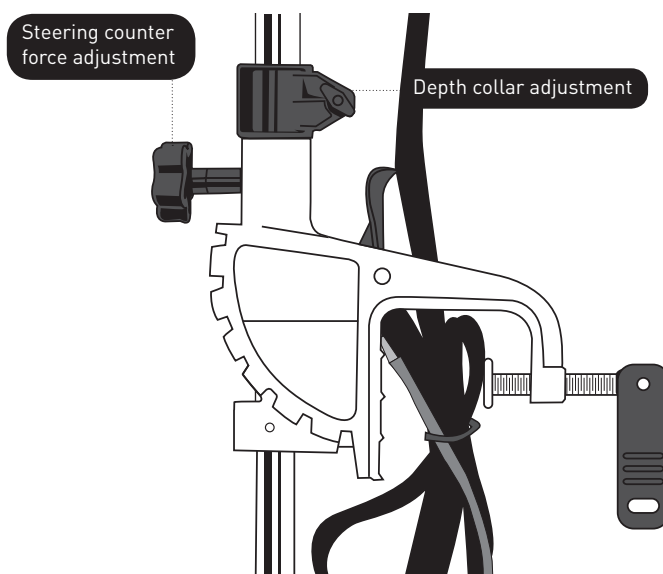


DEPTH ADJUSTMENT

Hold the motor shaft with one hand, loosen the depth collar adjustment screw and set the motor to the desired depth, then retighten the adjusting screw on the depth collar securely.

STEERING

To adjust steering counter-force, simply loosen or tighten the counterforce bolt. The ideal setting is one where the counterforce bolt is just tight enough so that the boat will steer in the direction you are aiming without need for continual correction.



HEAD UNIT FEATURES & SPEED CONTROL

The tiller control is telescopic and can be extended. Simply pull the grip out away from the head unit to set your desired length. Rotate the handle clockwise for forward speed and anti-clockwise for reverse.



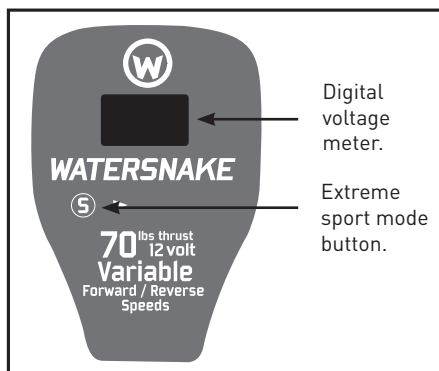
EXTENDABLE HANDLE

DIGITAL VOLTAGE METER

Shows the voltage going into the motor unit from the battery. Also features an extreme sports mode button.

EXTREME SPOTS MODE.

When Sport mode is activated power input to the motor is increased by around 30%. There is a noticeable speed increase. When doing this the power consumption also increases by around 30%. This means that the battery will discharge at a much faster rate.

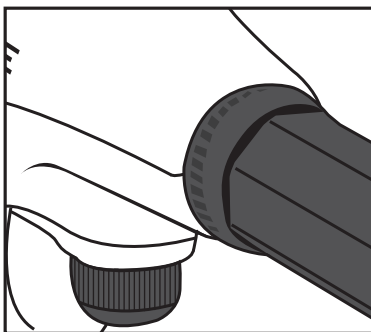


USB CHARGING PORT

Keep items like your phone charged up using the integrated USB charging port.

PLEASE NOTE: Phone not included.

SPEED CONTROL



Forward and reverse variable speed settings.

ELECTRICAL CONNECTIONS

Before connecting the motor's cables to the battery terminals, ensure all switches are in the OFF position and stand clear of the propeller.

Connect the red cable to the positive (+) terminal and the black cable to the negative (-) terminal, making sure the terminals are clean before doing so. A clean connection will minimise power wastage and give you maximum power from the battery.

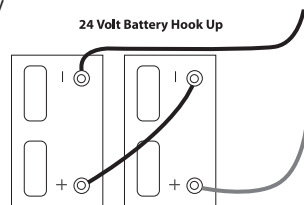
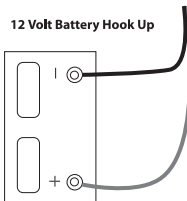
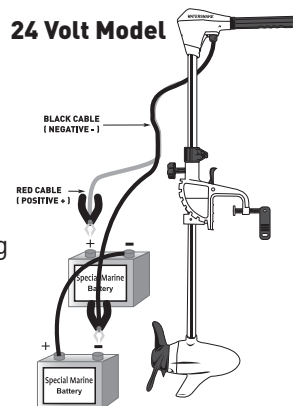
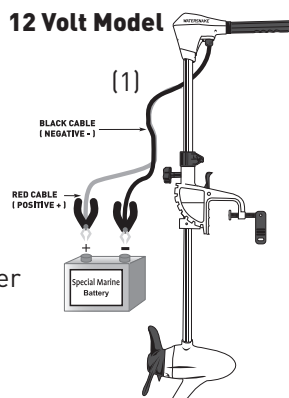
Please Note: for best performance please keep battery terminals and connections clean.

There are a number of different methods of connecting battery leads to your deep cycle battery. Your Watersnake motor is supplied as standard with ring type terminal connectors although this can be changed to suit your particular set up. If fitting different terminal connectors ensure that connections are soldered and sealed appropriately. It is recommended to use heat shrink to seal any exposed joins in wiring or connectors. Any non-standard terminal connections must be capable of handling a minimum of 50 amps. Anderson plugs are a popular choice amongst many Watersnake motor owners and are readily available.

The Advance range of brushless motors do not require a circuit breaker or fuse because they have a safety (protection) feature built in.

We recommend using a deep cycle marine battery for optimum performance.

WARNING: Your motor **MUST NOT** be connected to the battery while the battery is being charged. This includes any sort of alternator system. You must disconnect your Watersnake motor before every charge. Failure to do so will void your warranty.



* In line fuse kits available separately

EXTENDING THE BATTERY LEADS

WIRE EXTENSION LENGTH	SUGGESTED WIRE GAUGE
1m	6 AWG / 6GA
3m	4 AWG / 4GA
5m	2 AWG / 2GA

Note that above table is intended as a guide only. Your local electrical supplier will be able to advise in greater detail based on your particular set up and requirements.

- The Battery Power Leads prefitted to the Advance Motors are 8 AWG Guage.

VOLTAGE DROP

Voltage Drop can be an issue that is encountered if the Battery Power Leads need to be extended due to existing or a preferred battery location on the water craft you are fitting the motor to. To avoid voltage drop, it is usual to adjust the cable gauge down (use larger cable) from the Power Leads that come pre-fitted to the motor. If you are planning to extend the Battery Power Leads that are pre-fitted to the motor, then we recommend you follow the suggestions in the table above or seek advice from local electrical supplier. Failure to do so will affect motors performance and void warranty.

DEEP CYCLE BATTERIES

A deep cycle marine battery is required for normal operation and continued use of your Watersnake motor. Deep cycle marine batteries are constructed using thicker plates and a denser active material. They are built to withstand repeated charge and recharge cycles. Deep cycle marine batteries are specifically designed to deliver sustained power with low current draw over extended periods of time. Car / Truck / Motorcyle batteries are not designed in the same way and are more useful for providing high bursts of power for short periods. Use of car / truck / motorcycle batteries can cause damage to electronic components within your Watersnake motor.

DEPTH ADJUSTMENT

Hold the motor shaft with one hand, loosen the depth collar adjustment screw and set the motor to the desired depth. Then retighten the adjusting screw on the depth collar securely.

STOWING

When your Watersnake motor is not in use always stow and store it properly.



RECOMMENDATIONS WHEN USING YOUR WATERSNAKE MOTOR IN THE WATER

Upon connecting your battery to your motor, and before setting off in your boat, make sure that your trolling motor is mounted correctly and stowed securely. Of course once you engage your Watersnake motor for use make sure that it is in the right place, not too low or too high. Once you are in deep water, you should make sure that you gradually increase the speed of your trolling motor, do not flatten it up to full speed right away. It is recommended not to run your trolling motor out of water for long periods of time.

RECOMMENDATIONS WHEN YOUR WATERSNAKE MOTOR IS OUT OF THE WATER

After washing down your Watersnake motor at the end of a session, you may need to charge your deep cycle marine battery. Before charging your battery, ensure that your Watersnake motor is disconnected from the battery. **DO NOT** leave your motor connected whilst charging your battery.

If your boat is not stored under cover, it is recommended to remove your Watersnake motor and store separately under cover, out of direct sunlight and away from wet or damp areas. If you are not able to remove your Watersnake from the boat, we recommend covering your Watersnake with a weatherproof cover to protect the electronics.

The off-season provides a good opportunity to complete some maintenance as outlined on page 15

When towing your boat long distances and especially if driving over rough / unsealed roads, we strongly recommend that you remove your Watersnake motor from your transom and stow safely in either your vehicle or boat.

SHORT-TERM STORAGE OF YOUR WATERSNAKE MOTOR

If you are going to be gone for a short break or there is rain forecast and the motor is to remain on the boat, we recommend covering the motor to protect the electronics. Even better, make sure that you have a safe non-damp area that your trolling motor can stay in room temperature.

LONG-TERM STORAGE OF YOUR WATERSNAKE MOTOR

If you are not going to use your motor in the off-season, put your motor in a safe place where no water or extreme cold or hot temperatures can get in. We suggest making a place under-cover away from moisture, this should protect the electronics such as the circuit board and speed control unit.

SERVICING YOUR WATERSNAKE ELECTRIC MOTOR

For servicing please contact the distributor in your country. Your local distributor can be found on the back page of this manual. If in Australia a current list of authorised service agents can be found at Jarvis Walker's Anglers Central Service Centre website – www.anglerscentral.com.au

Schematics and parts lists are also available from the Anglers Central Service Centre website

TROUBLESHOOTING QUICK REFERENCE GUIDE

A significant number of issues can be caused by a disruption of power supplied to your Watersnake motor. Careful inspection of your deep cycle battery, wiring and fuse / circuit breaker set up should be completed before assuming that there is a fault with your motor.

No power / Reduced power

- Check that battery connection has not been reversed (reversed polarity)
- Check that your deep cycle battery is fully charged
- Check terminals / connections are secure and not loose
- Check terminals / connections / fuse or circuit breaker for any signs of damage, corrosion or build up of debris
- If battery lead has been extended, ensure correct gauge wire has been used (refer to table on page 11 of manual)
- Remove propeller and check for any build up of fishing line / weed or any other debris
- Check that propeller pin (shear pin) is in place
- Armature or magnet cracked or dislodged – grinding noise will come from motor (CONTACT REPAIR AGENT)



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ELECTRIC MOTORS

TROUBLE SHOOTING

Noise or vibration coming from motor

Check that the propeller is securely tightened and the Cotter Pin is correctly in place. Remove propeller and check for any build up of fishing line / weed or any other debris. Check your 12v deep cycle battery is fully charged. See below.

Motor will not run at variable speeds

- Check that your deep cycle battery is fully charged and that your motor is receiving 12v. If it is not check the following:
- Check terminals and connections are secure and not loose.
- If your battery is producing 12v, check your motor is receiving 12v. Watersnake recommends the use of a Multimeter.
- Check terminals, connections, fuses and circuit breakers for any signs of damage or corrossions or build up of debris.
- If your original battery lead that was fitted to the motor has been extended, ensure the correct guage of wiring has been used for the extension. When checking this allow for Votage Drop. (See Page 11)

A number of service videos are available on the Jarvis Walker Brands Youtube channel – search “Jarvis Walker Brands” from the Youtube search function. Please contact Jarvis Walker or your nearest service agent should issues persist.

MAINTENANCE

Your Watersnake Electric Motor should provide many seasons of dependable service. However, like any tool, electric motors must be cared for.

After each day of use, the motor should be cleaned thoroughly. If you have been fishing in saltwater, it is suggested that you wash the motor with warm fresh soapy water until all salt deposits are washed away. Be careful not to use a gush of water to clean the motor, as this will drive salt particles into the motor's internal mechanisms. Instead use a light stream of water or very fine spray merely to dissolve saltwater particles that have accumulated on the external parts of the motor.

Dry excess moisture from the motor and sparingly lubricate all areas. Many fisherman use a pressurised spray oil for quick and easy lubrication after washing their motor. If you choose to do this, make sure you wash the motor first. Frequently lubricate all frictional points, a reliable heat resistant grease if you are re-greasing internal parts.

Use only greases designed for electric motors. other greases may contain lead particles that may cause damage to electric motor gears. Your motor should always be stored in a cool dry place. Do not store in a plastic bag as this may cause condensation. However, we do recommend you cover your motor if you must leave it outside. Periodically inspect your motor and tighten any loose screws or fittings. Depending on use, your motor should be serviced by an authorised service agent at least once every season.

Trolling motors are designed in quite the same way as a 2-4 stoke outboard motor but they are quiet and very effective for fishing. Many people use trolling motors to enhance their fishing experience, however, and unfortunately many don't maintain or store them correctly, lack of maintenance could lead to power issues.

NOTE – The above cleaning routine should also be followed even if the motor has been used in fresh water. Dust / dirt can still build up in fresh water environments.

Dry excess moisture from the motor and sparingly lubricate all friction points – a pressurized spray lubricant is ideal. It is important to keep the shaft of your motor as smooth as possible to avoid deployment issues. A light coat of wax or a coating with a spray lubricant should be applied to the shaft a couple of times a year.

MODEL SPECIFICATIONS

CODE	MOTOR DESCRIPTION	THRUST	VOLT/AMPS	SHAFT	COLOUR	BRACKET	STEERING	SPEEDS	PROP
55236	Advance Brushless SWBL95	95lb	24v / 6-60	42"	White	Alloy Transom	Extend Hand Tiller	Variable	3 Blade
55239	Advance Brushless SWBL70	70lb	12v / 5-50	42"	Black	Alloy Transom	Extend Hand Tiller	Variable	3 Blade
55267	Advance Brushless SWS70	70lb	12v / 5-50	36"	White	Alloy Transom	Extend Hand Tiller	Variable	3 Blade

Model range and specifications are correct at time of printing.

For new models not listed here find specifications at: www.jarvismarine.com.au

MOTOR SELECTION GUIDE

WATERSNAKE SHAFT LENGTH GUIDE

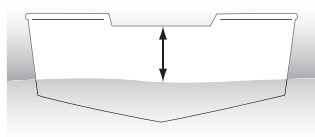
With your boat in the water, measure the distance from the mounting surface of the transom or bow to the water level.

The guide shown on the right will assist you in finding the shaft length that best suits your boat.

Transom Mount to Water Level

Transom Mount to Water Level	Suggested Shaft Length
Up to 8"	24"
Up to 10"	26"
Up to 12"	30"
10" to 14"	36"
14" to 20"	42"
20" to 22"	48"
22" to 24"	54"

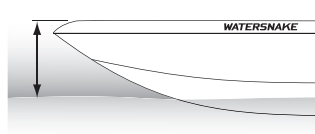
Transom Mount Measurement



Bow Mount to Water Level

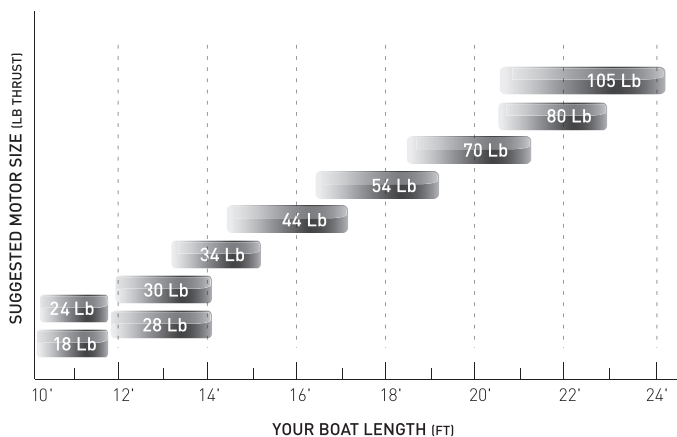
Bow Mount to Water Level	Suggested Shaft Length
14" to 20"	42"
20" to 26"	48"
26" to 32"	54"
32" to 36"	60"

Bow Mount Measurement



WATERSNAKE MOTOR SIZE GUIDE

The graph shown right is a general guide only. Always speak with your dealer regarding the size of motor that is most appropriate for your boat.



SERVICING YOUR WATERSNAKE ELECTRIC MOTOR

When it's time for your Watersnake electric motor to be serviced, Please contact the distributor in your country. Your local distributor can be found on the back page of this manual. If in Australia a current list of authorised service agents can be found at Jarvis Walker's Anglers Central Service Centre website – **www.anglerscentral.com.au**

Schematics and parts lists are also available from the Anglers Central Service Centre website.

Watersnake electric motors are precision instruments that rely on exacting alignment of numerous components; it is worth considering taking your electric motor to an Authorised Service Agent for servicing.

IMPORTANT!

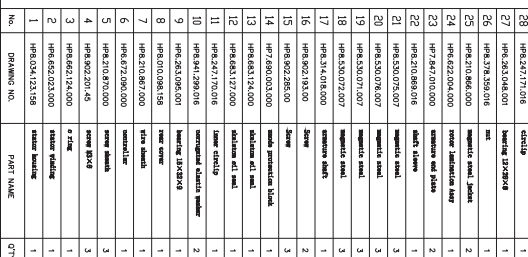
If you choose to service the electric motor yourself or through any other third party not authorised by Watersnake Distribution Pty Ltd to service, unless Watersnake distribution Pty Ltd has instructed you to do so, the motor will no longer be covered under the normal consumer guarantees. Items or issues from that time on and thereafter will be the sole responsibility of the owner. It is important to make sure you use good quality grease, and remember do not over lubricate. Small amounts of grease in the correct places are more important.

If you reside in a country other than Australia please contact the distributor in your country. Your local distributor can be found on the back page of this manual. If in Australia a current list of authorised service agents can be found at Jarvis Walker's Anglers Central Service Centre website – **www.anglerscentral.com.au**

Schematics and parts lists are also available from the Anglers Central Service Centre website.

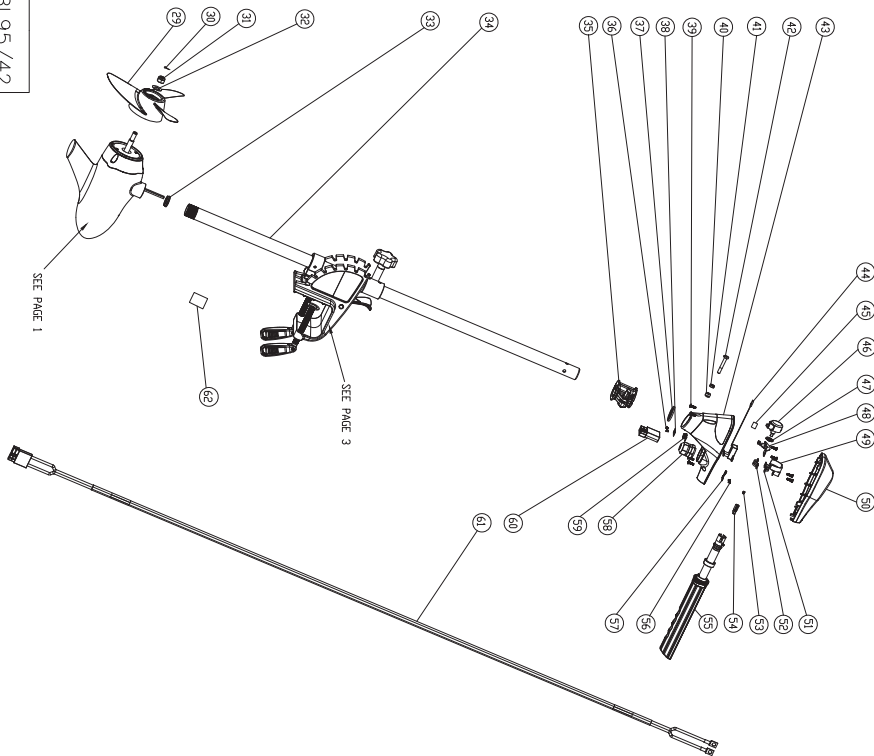


55236 SWBL95/42



55236 ADVANCE BRUSHLESS SWBL95 MAIN PARTS LIST

55236 SWBL95/42



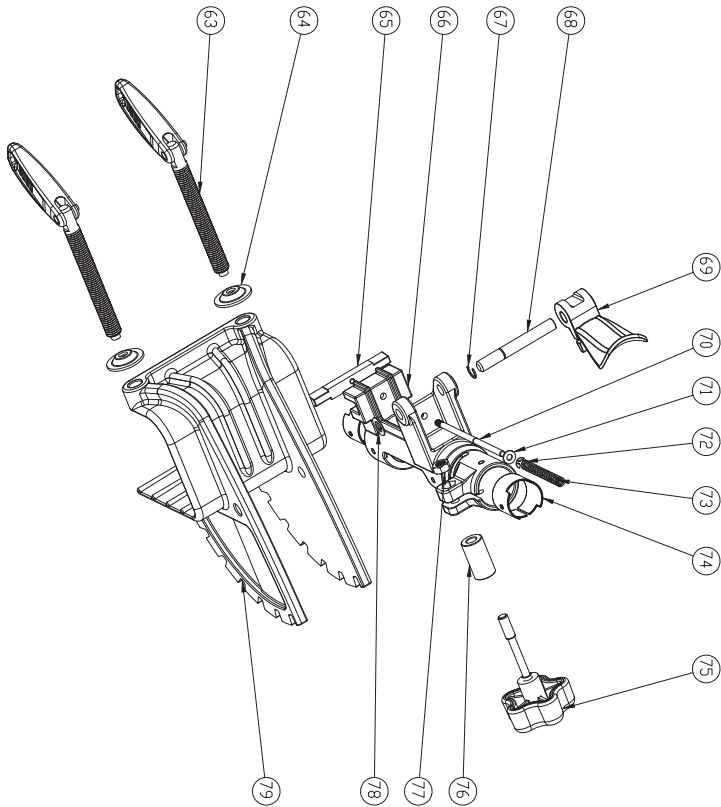
62	HP8.210.860.00	Bushing	1
61	HP8.647.136.00	Main battery cable	1
60	HP8.034.105.00	The connector shell	1
59	HP8.662.109.00	Seal cover	1
58	HP8.428.023.00	Water joint	1
57	HP8.387.101.00	Spring	1
56	HP8.903.078.00	Screw	2
55	HP8.465.117.00	Handle Assy	1
54	HP8.303.030.00	The connecting shaft	1
53	HP8.382.118.45	Spring	1
52	HP8.667.018.00	Fixing clamp top	1
51	HP8.667.032.00	Fixing clamp bottom	1
50	HP8.171.207.01	Top Cover Assy	1
49	HP8.634.116.00	Wire guard	1
48	HP8.611.102.45	The fixed frame	1
47	HP8.946.011.07	Locking Washer	1
46	HP6.630.019.00	Potentiometer assembly	1
45	HP6.672.058.00	The connector	2
44	HP6.702.067.00	US8 step-down controller	1
43	HP8.076.205.70	Bottom cover	1
42	HP8.926.045.45	Bolt	1
41	HP8.220.378.70	Bushing	1
40	HP6.482.000.00	Locking nut	1
39	HP8.903.099.00	Screw	8
38	HP8.610.201.45	Clamp	1
37	HP8.662.083.00	Sealing ring	1
36	HP8.902.143.45	Screw	2
35	HP6.257.009.00	Depth Collar Assy	1
34	HP8.626.129.91	Shaft	1
33	HP8.210.740.00	Wire protective sleeve	1
32	HP8.940.625.00	Washer	1
31	HP6.482.006.00	Prop nut	1
30	HP8.264.569.00	Split pin	2
29	HP6.393.011.00	Prop	1
No.	DRAWING NO.	PART NAME	QTY



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55236 ADVANCE BRUSHLESS SWBL95 BRACKET PARTS LIST

55236 SWBL95/42



79	HP8.008.002.158	suspension bracket	1
78	HP8.940.311.00	rubber	2
77	HP8.379.097.00	nut	1
76	HP8.220.402.00	bolting	1
75	HP6.480.007.00	lock handle	1
74	HP8.210.450.00	bolting	2
73	HP8.382.081.00	spring	1
72	HP8.245.030.00	e-shaped buckle	1
71	HP8.940.314.00	rubber	1
70	HP8.928.043.45	positioning screw	1
69	HP8.331.114.00	truss	1
68	HP8.264.516.45	tail pin	1
67	HP8.245.080.00	e-shaped buckle	1
66	HP8.008.027.158	support frame	1
65	HP8.369.014.24	positioning cross bar	1
64	HP8.946.008.07	clamping rubber	2
63	HP6.480.026.00	bolt easy	2
No.	DRAWING NO.	PART NAME	QTY

55239 ADVANCE BRUSHLESS
SWBL70 MOTOR PARTS LIST

55239 SWBL70/42

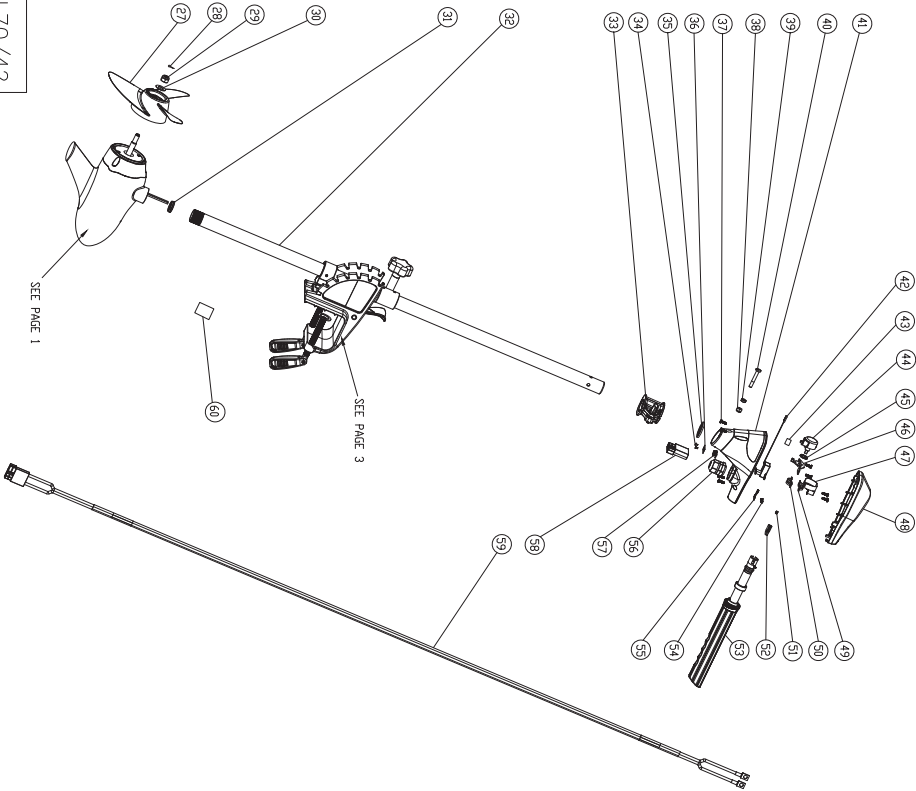
26	HPB-6A7171-016	stator key	1
25	HPB-2A315A48-011	housing 137-18x4	1
24	HPB-317A709-016	nut	1
23	HPB-310A66-000	magnetic steel bracket	1
22	HPB-622-005-000	motor statorless key	1
21	HPB-6A7171-010-000	nut and pinion	1
20	HPB-2110-889-016	shaft sleeve	1
19	HPB-320-074-007	magnetic steel	3
18	HPB-34-618-000	nutless shaft	3
17	HPB-34-618-000	nutless shaft	2
16	HPB-6212-533-000	key	3
15	HPB-602-385-000	key	3
14	HPB-7A90-000-000	motor protection plate	1
13	HPB-6A3174-000	nutless all nut	1
12	HPB-6A3172-000	nutless all nut	1
11	HPB-6A7171-016	inner stator	1
10	HPB-6A1709-016	nutless statorless nut	2
9	HPB-2A315A48-000	housing 137-18x4	1
8	HPB-310A66-000	motor cover	1
7	HPB-310A66-000	motor cover	1
6	HPB-6172-091-000	cover plate	1
5	HPB-2110-870-000	cover plate	3
4	HPB-602-201-016	cover plate	3
3	HPB-622-005-000	cover plate	1
2	HPB-622-005-000	cover plate	1
1	HPB-622-005-000	cover plate	1



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ELECTRIC MOTORS

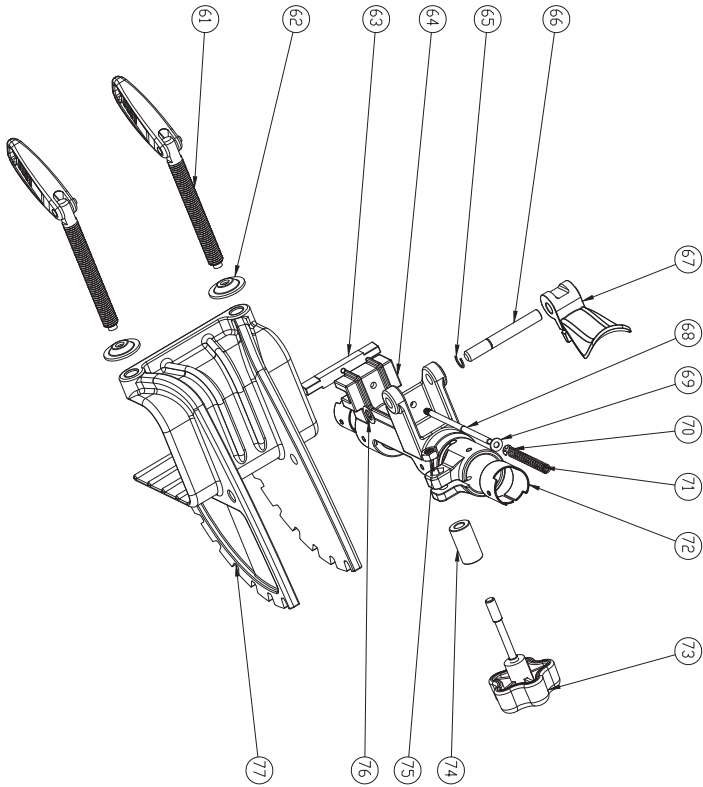
55239 ADVANCE BRUSHLESS SWBL70 MAIN PARTS LIST

55239 SWBL70/42



No.	DRAWING NO.	PART NAME	QTY
60	HP8.210.860.00	Bushing	1
59	HP6.647.136.00	Main battery cable	1
58	HP8.034.105.00	The connector	1
57	HP8.662.109.00	Seal cover	1
56	HP6.428.023.00	Water joint	1
55	HP8.387.101.00	Spring	1
54	HP8.803.078.00	Screw	2
53	HP6.465.117.00	Handle Assy	1
52	HP8.303.030.00	The connecting shaft	1
51	HP8.382.116.45	Spring	1
50	HP6.667.018.00	Frying clamp top	1
49	HP8.667.032.00	Frying clamp bottom	1
48	HP6.171.207.00	Top Cover Assy	1
47	HP8.634.116.00	Wire guard	1
46	HP8.611.102.45	The fixed frame	1
45	HP8.946.011.07	Locking Washer	1
44	HP8.630.019.00	Potentiometer assembly	1
43	HP6.672.058.00	The connector	2
42	HP6.702.067.00	USB step-down controller	1
41	HP8.076.205.00	Bottom cover	1
40	HP8.926.045.45	Bolt	1
39	HP8.220.378.70	Bushing	1
38	HP6.482.000.00	Locking nut	1
37	HP8.903.059.00	Screw	6
36	HP8.1201.45	Clamp	1
35	HP8.662.083.00	Sealing ring	1
34	HP8.902.143.45	Screw	2
33	HP6.257.009.00	Depth Collar Assy	1
32	HP8.626.129.91	Short	1
31	HP8.210.740.00	Wire protective sleeve	1
30	HP8.940.625.00	Washer	1
29	HP6.482.006.00	Prop nut	1
28	HP8.264.569.00	Split pin	1
27	HP6.393.011.00	Prop	1

55239 ADVANCE BRUSHLESS SWBL70 BRACKET PARTS LIST



77	HP8.008.002.150	suspension bracket	1
76	HP8.940.311.00	washer	2
75	HP8.379.097.00	nut	1
74	HP8.220.402.00	bushing	1
73	HP6.480.007.00	lock handle	1
72	HP8.210.450.00	bushing	2
71	HP8.382.061.00	spring	1
70	HP8.245.030.00	C-shaped buckle	1
69	HP8.940.314.00	washer	1
68	HP8.926.043.45	positioning screw	1
67	HP8.331.114.00	wrench	1
66	HP8.264.516.45	axle pin	1
65	HP8.245.080.00	C-shaped buckle	1
64	HP8.008.027.150	support frame	1
63	HP8.369.014.24	positioning cross bar	1
62	HP8.946.008.07	clamping washer	2
61	HP6.480.026.00	lock handle	2
No	DRAWING NO	PART NAME	QTY

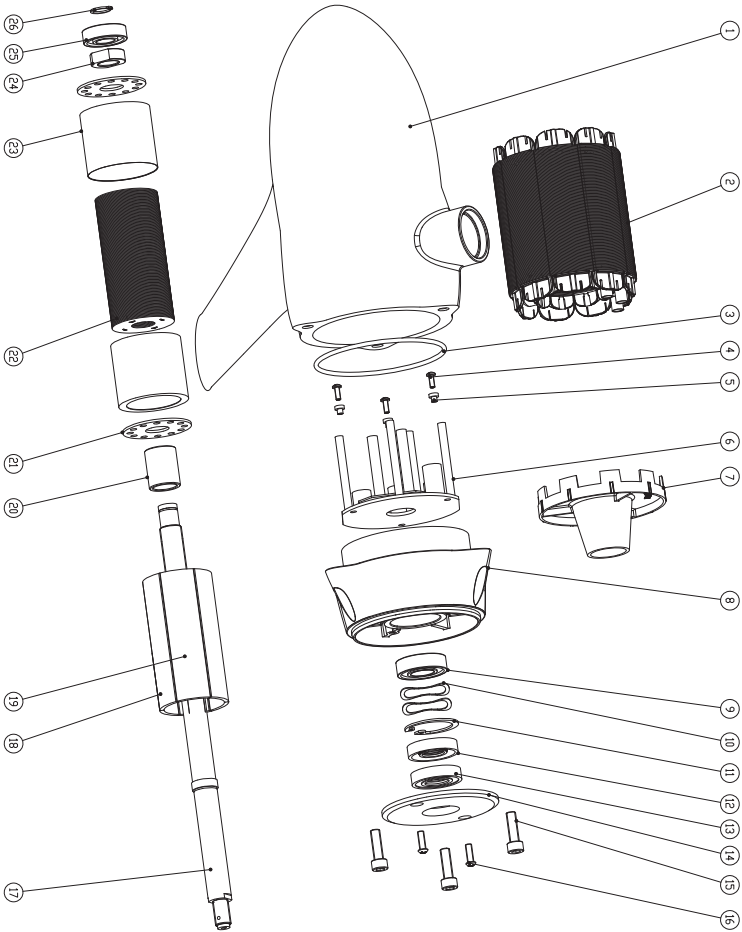
WBL70/42



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ELECTRIC MOTORS

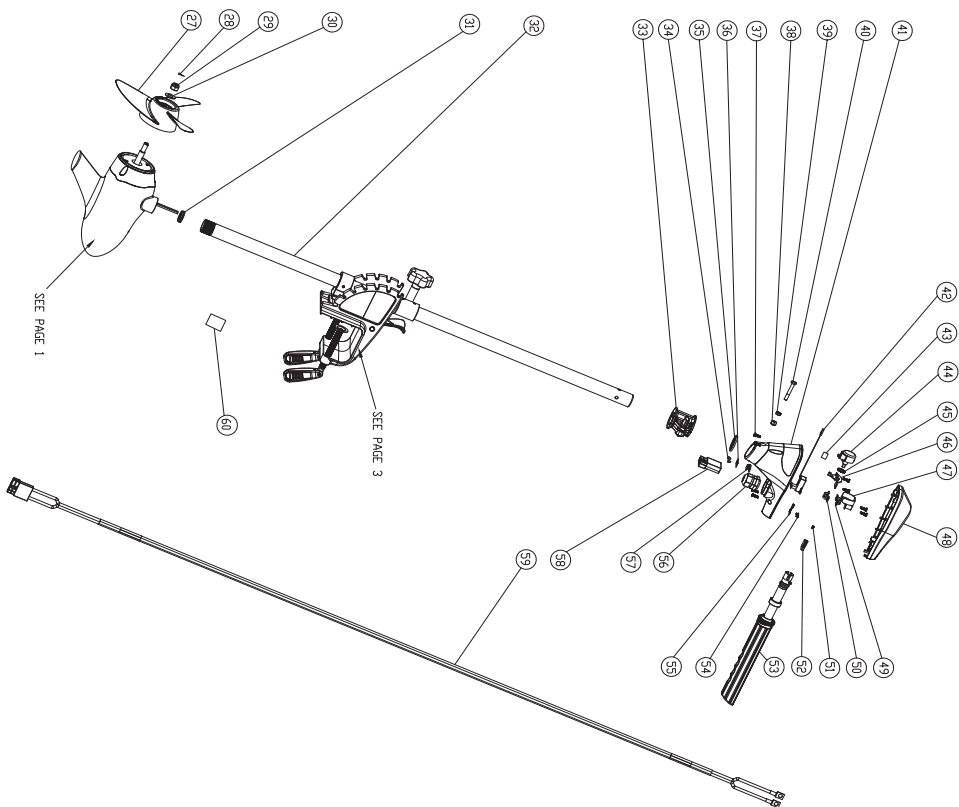
55267 ADVANCE BRUSHLESS SWS70 MOTOR PARTS LIST

55267



No.	DRAWING NO.	PART NAME	QTY
26	HF9.247.171.016	stator	1
25	HF9.263.048.001	housing 1378267	1
24	HF9.178.159.016	nut	1
23	HF9.210.086.000	magnetic steel sleeve	1
22	HF9.622.006.000	inner induction ring	1
21	HF7.847.010.000	commuter and plates	2
20	HF9.210.069.016	shaft sleeve	1
19	HF9.520.074.007	magnetic steel	3
18	HF9.520.074.007	magnetic steel	3
17	HF9.514.018.000	commuter shaft	1
16	HF9.802.183.00	cover	2
15	HF9.802.285.00	cover	2
14	HF7.890.003.000	shaft protection sleeve	1
13	HF9.633.124.000	shaft sleeve at seal	1
12	HF9.633.127.000	shaft sleeve at seal	1
11	HF9.247.170.016	inner stator	1
10	HF9.247.170.016	outer stator	1
9	HF9.263.096.045	housing 1378267	2
8	HF9.010.098.116	inner cover	1
7	HF9.010.098.100	inner sleeve	1
6	HF9.010.098.100	inner sleeve	1
5	HF9.210.070.000	inner sleeve	1
4	HF9.802.201.45	cover 1378267	3
3	HF9.632.027.000	cover 1378267	1
2	HF9.632.027.000	cover 1378267	1
1	HF9.034.123.158	cover 1378267	1

55267 ADVANCE BRUSHLESS SWS70 MAIN PARTS LIST



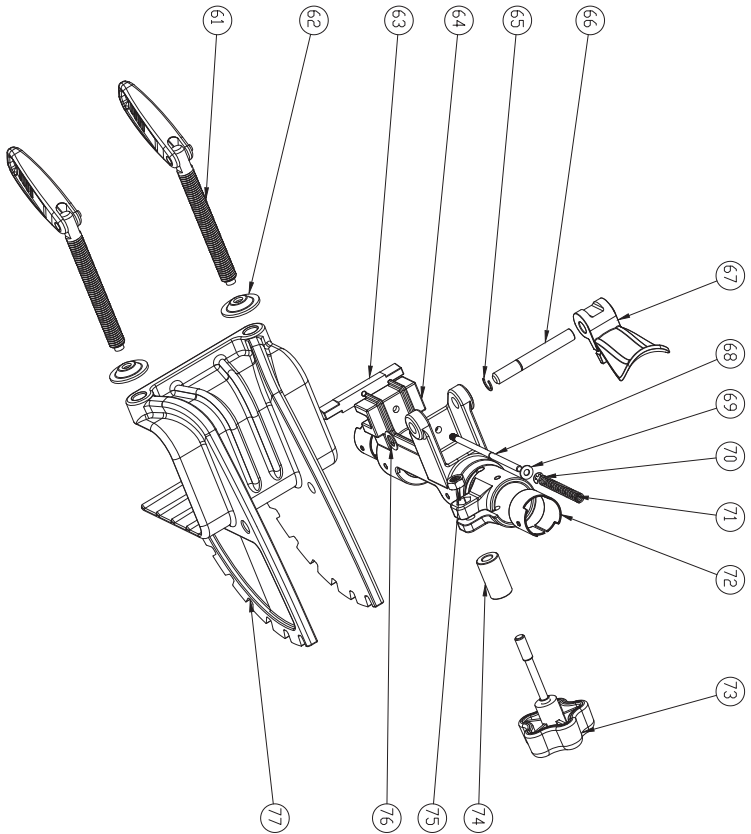
60	HPB6210.860.00	Bushing	1
59	HPB6467.136.00	Non battery cable	1
58	HPB6324.105.00	The connector shell	1
57	HPB6662.098.00	Spd cover	1
56	HPB6262.025.00	Blade part	1
55	HPB6310.010.00	Blade part	1
54	HPB6303.078.00	Screw	2
53	HPB665.172.00	Inside Assy	1
52	HPB303.030.00	The connecting part	1
51	HPB382.118.45	Spring	1
50	HPB667.018.00	Fixing clamp top	1
49	HPB667.032.00	Fixing clamp bottom	1
48	HPB617.207.01	Top Cover Assy	1
47	HPB634.116.00	Wire guard	1
46	HPB611.02.45	The fixed frame	1
45	HPB646.011.07	Locking Washer	1
44	HPB630.019.00	Protective assembly	1
43	HPB617.026.00	The connector	2
42	HPB630.019.00	HPB-70mm controller	1
41	HPB630.019.00	Blade part	1
40	HPB630.019.00	Blade part	1
39	HPB626.045.45	Blade part	1
38	HPB626.045.45	Blade part	1
37	HPB626.045.45	Blade part	1
36	HPB626.045.45	Blade part	1
35	HPB626.045.45	Blade part	1
34	HPB626.045.45	Blade part	1
33	HPB626.045.45	Blade part	1
32	HPB626.045.45	Blade part	1
31	HPB626.045.45	Blade part	1
30	HPB626.045.45	Blade part	1
29	HPB626.045.45	Blade part	1
28	HPB626.045.45	Blade part	1
27	HPB626.045.45	Blade part	1
26	HPB626.045.45	Blade part	1
25	HPB626.045.45	Blade part	1
24	HPB626.045.45	Blade part	1
23	HPB626.045.45	Blade part	1
22	HPB626.045.45	Blade part	1
21	HPB626.045.45	Blade part	1
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15	HPB626.045.45	Blade part	1
14	HPB626.045.45	Blade part	1
13	HPB626.045.45	Blade part	1
12	HPB626.045.45	Blade part	1
11	HPB626.045.45	Blade part	1
10	HPB626.045.45	Blade part	1
9	HPB626.045.45	Blade part	1
8	HPB626.045.45	Blade part	1
7	HPB626.045.45	Blade part	1
6	HPB626.045.45	Blade part	1
5	HPB626.045.45	Blade part	1
4	HPB626.045.45	Blade part	1
3	HPB626.045.45	Blade part	1
2	HPB626.045.45	Blade part	1
1	HPB626.045.45	Blade part	1



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55267 ADVANCE BRUSHLESS SWS70 BRACKET PARTS LIST

55267



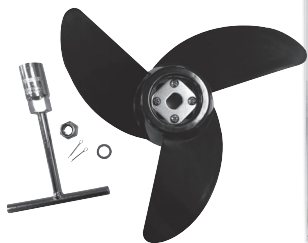
77	HP8.008.002.158	suspension bracket	1
76	HP8.940.311.00	washer	2
75	HP8.379.097.00	nut	1
74	HP8.220.402.00	bushing	1
73	HP6.480.007.00	lock handle	1
72	HP8.210.450.00	bushing	2
71	HP8.382.061.00	spring	1
70	HP8.245.030.00	e-shaped bush	1
69	HP8.940.314.00	washer	1
68	HP8.926.043.45	positioning screw	1
67	HP8.331.114.00	wrench	1
66	HP8.264.516.45	e-shaped pin	1
65	HP8.245.080.00	e-shaped bush	1
64	HP8.008.027.158	support frame	1
63	HP8.369.014.24	positioning cross bar	1
62	HP8.946.008.07	clamping washer	2
61	HP6.480.026.00	bolt assy	2

WATERSNAKE MOTOR ACCESSORIES SOLD SEPERATLY

(SEE YOU NEAREST DEALER FOR MORE INFORMATION)

Watersnake Propeller Kits (Sold Separately)

Watersnake Propeller kits contain a propeller, nut and shear pins. It is recommended you keep a spare propeller on your boat at all times. The Mini 2- Bladed Kit is suitable for the T-18 and T-24 motors. The 2-Bladed Propeller Kit is suitable for 28lb, 30lb and 34lb motors. The 3-Bladed Medium Propeller Kit is suitable for all 44lb and 65lb motors. The 3-Bladed Large Propeller Kit is suitable for all 80lb motors. There is also a propeller for the Watersnake Advance range of motors.



55170
Advance Brushless
3 Blade Prop



55501
Large 3 Blade
Prop (80lb)



55130
3 Blade Prop
(44lb-65lb)



55131
2 Blade Prop
(28-34lb)



55500
2 Blade Mini Prop
(18lb-24lb)

Watersnake Telescopic Extendable Motor Handle

The Watersnake Telescopic Handle can extend to 24" and will fit most tiller handles. (Please note this accessory does not fit the ASP series of motors. 55507

(Please note: Accessory availability may vary from region to region. Please check with your retailer for availability.)

PLEASE NOTE:

Spare parts may not be available in all areas. Please check with your local stockist. Online ordering available please see back page for details.





WATERSNAKE®
ELECTRIC MOTORS

Watersnake Trolling Motor Connectors

Watersnake Motor Connector Plugs makes it very quick and simple to remove and replace your motor from the boat as well as providing a better connection to your power source. Available in a 12v plug.



55505
12V Male
2 wire



55506
12V Female
2 wire

(Please note: Accessory availability may vary from region to region.
Please check with your retailer for availability.)

PLEASE NOTE:

Spare parts may not be available in all areas. Please check with your local stockist.
Online ordering available please see back page for details.

When going out on the water make sure that you have enough PFDs for everyone. (Please ensure you choose the correct PFD for the right application.)

Watersnake offers an extensive range of PFDs for both adult's and children. They come in a range of styles and sizes and they all meet the Australian and New Zealand safety standard. See your nearest Watersnake stockist for the full range or visit our website: www.watersnake.com.au for more information.



(Please note: PFDs are only available for sale in Australia and New Zealand.)



This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

THE BELOW INFORMATION IS FOR THE USA ONLY.



Watersnake Limited One Year Warranty (USA)

All watersnake products are covered by a one year Limited Warranty covering faults in workmanship and materials from the date of original retail purchase. The purchaser should contact the distributor as listed below. Please have your proof of purchase (a dated sales receipt) and the problem that you are experiencing with your motor ready.

Sea Eagle Boats, Inc
19 N Columbia St,
Suite 1, Port Jefferson, NY 11777,
United States
PH: +1 631 791 1799

Note: Residents of Hawaii, Alaska, and U.S. territories shall be billed for return shipping via registered priority mail.
Watersnake will repair or replace the product at its option and return direct to purchaser.

Terms

This Limited Warranty does not cover Watersnake products damaged due to abuse, misuse, normal wear, or excessive wear caused by neglect of cleaning and lubrication required or general service requirements due to owner's failure to provide reasonable and necessary maintenance.

This Warranty does not extend to products which are put into commercial use. Commercial use is defined as any work or employment related use of the product which generates income.

Watersnake products not covered by this Limited Warranty may be repaired at a nominal charge to the purchaser, provided parts are available and the product is returned with return postage prepaid.

The warranties described herein shall be the sole and exclusive warranties granted by Watersnake and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and time period described herein, shall constitute complete fulfilment of all liabilities and responsibilities of Watersnake to the purchaser with regard to this product, and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. Watersnake shall not be liable or in any way responsible for any damages or defects caused by repairs or attempted repairs performed by anyone other than a Watersnake authorised service agent. Watersnake reserves the right to amend or change this Limited Warranty at any time. This Limited Warranty is non-transferable. The provisions of this Limited Warranty are in addition to, and not a modification of, or a subtraction from, the statutory warranties and other rights and remedies contained in any applicable legislation. To the extent that any provision of this Limited Warranty is inconsistent with any applicable law, such provision shall be deemed voided or amended as necessary, to comply with such law.

"ALL INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM THIS WARRANTY INSERT. IMPLIED WARRANTIES ARE LIMITED TO THE LIFE OF THIS WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF THE INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS THAT MAY VARY FROM STATE TO STATE."

For Your Records:

Model Number:.....

Serial Number:.....



WATERSNAKE®
ELECTRIC MOTORS

CONTACT INFORMATION

REGION/COUNTRY	DISTRIBUTOR	PHONE
Asia Pacific		
Australia	Jarvis Walker	+61 3 8787 6900
New Zealand	Brittain Wynyard	+64-9 309 0519

USA

USA	Sea Eagle	+1 631 791 1799
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Africa

South Africa	Apex Walker	+27 11 7920 611
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Europe

Italy	Europesca Sport	+39 06 6500 2449
Sweden	Wiggler AB	+0303 798 744
United Kingdom	Masterline Walker	+44 0 1684 299 000

Spare Parts:

Anglers Central Service Centre

To order spare parts online visit:

www.anglerscentral.com.au

Shipping Internationally

www.watersnake.com.au

Watersnake Distribution Pty. Ltd.

297-305 South Gippsland Highway

Dandenong South, Victoria 3175 Australia

ACN: 143 230 175

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