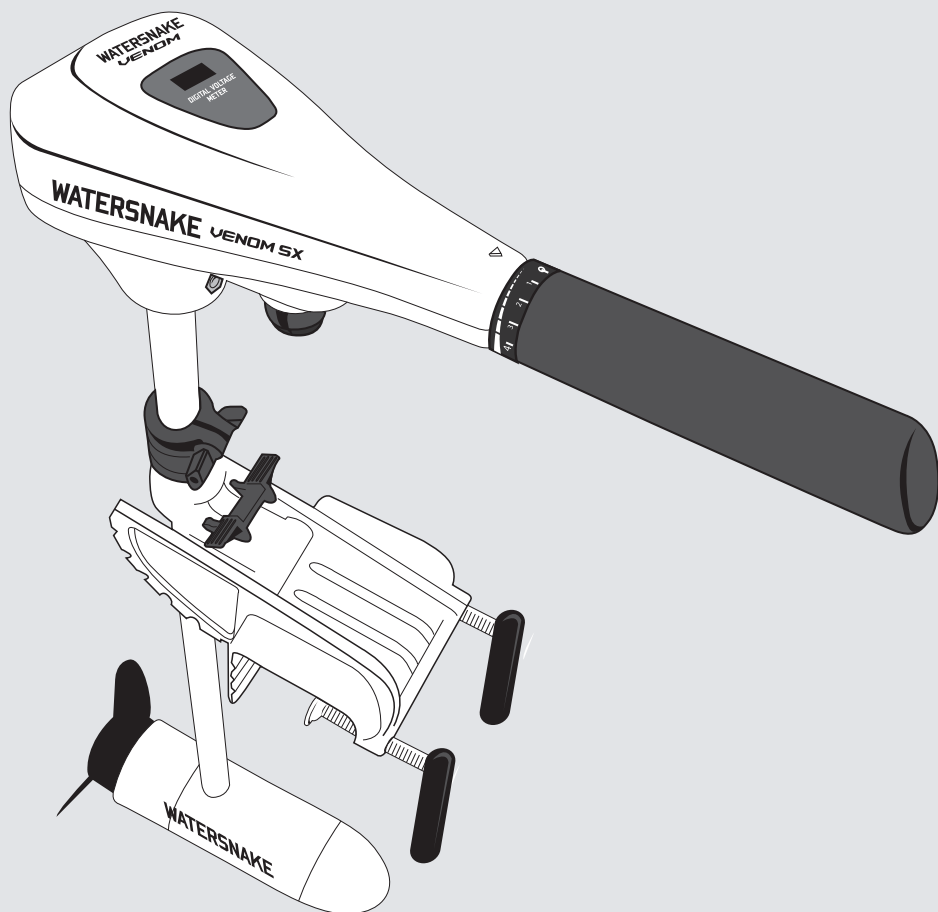




WATERSNAKE[®]
ELECTRIC MOTORS

VENOM SX
TRANSOM MOUNT ELECTRIC MOTOR
OWNERS MANUAL





WATERSNAKE®
ELECTRIC MOTORS

SPECIFICATION SUMMARY

MODEL	SXW 34/26 (VENOM)
VOLTAGE (V)	12
MAX.THURST (LB)	34
SHAFT LENGTH (IN)	26
MIN AMP DRAW (A/H)	7.5
MAX AMP DRAW (A/H)	34
PROP	2 BLADE
MOUNTING	ALLOY TRANSOM
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	40 - 60 AMP HOUR **

MODEL	SXW 54/26 (VENOM)
VOLTAGE (V)	12
MAX.THURST (LB)	54
SHAFT LENGTH (IN)	26
MIN AMP DRAW (A/H)	13
MAX AMP DRAW (A/H)	54
PROP	3 BLADE
MOUNTING	ALLOY TRANSOM
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	80 - 100 AMP HOUR **

MODEL	SXW 34/30 (VENOM)
VOLTAGE (V)	12
MAX.THURST (LB)	34
SHAFT LENGTH (IN)	30
MIN AMP DRAW (A/H)	7.5
MAX AMP DRAW (A/H)	34
PROP	2 BLADE
MOUNTING	ALLOY TRANSOM
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	40 - 60 AMP HOUR **

**** 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.

SPECIFICATION SUMMARY

MODEL	SXW 44/36 (VENOM)
VOLTAGE (V)	12
MAX.THURST (LB)	44
SHAFT LENGTH (IN)	36
MIN AMP DRAW (A/H)	11
MAX AMP DRAW (A/H)	44
PROP	3 BLADE
MOUNTING	ALLOY TRANSOM
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	60 - 80 AMP HOUR **

MODEL	SXW 54/36 (VENOM)
VOLTAGE (V)	12
MAX.THURST (LB)	54
SHAFT LENGTH (IN)	36
MIN AMP DRAW (A/H)	13
MAX AMP DRAW (A/H)	54
PROP	3 BLADE
MOUNTING	ALLOY TRANSOM
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	80 - 100 AMP HOUR **

MODEL	SXW 65/42 (VENOM)
VOLTAGE (V)	12
MAX.THURST (LB)	65
SHAFT LENGTH (IN)	42
MIN AMP DRAW (A/H)	13
MAX AMP DRAW (A/H)	65
PROP	3 BLADE
MOUNTING	ALLOY TRANSOM
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	80 - 120 AMP HOUR **

**** 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.



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MODEL	SXW 54/42 (VENOM)
VOLTAGE (V)	12
MAX.THURST (LB)	54
SHAFT LENGTH (IN)	42
MIN AMP DRAW (A/H)	13
MAX AMP DRAW (A/H)	54
PROP	3 BLADE
MOUNTING	ALLOY TRANSOM
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	80 - 100 AMP HOUR **

MODEL	SXW-ET 54/42 (VENOM)
VOLTAGE (V)	12
MAX.THURST (LB)	54
SHAFT LENGTH (IN)	42
MIN AMP DRAW (A/H)	13
MAX AMP DRAW (A/H)	54
PROP	3 BLADE
MOUNTING	ALLOY TRANSOM
REQUIRED BATTERY	12v DEEP CYCLE MARINE
MIN. RECOMMENDED BATTERY SIZE	80 - 100 AMP HOUR **

PRE INSTALLATION CHECKLIST

- Familiarise yourself with the user manual and the various parts of your Watersnake motor
- Select desired mounting location on boat
- 12 v 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 9
- Check battery cable length in relation to location of your 12v deep cycle battery. If extension to battery cable is required, refer to table on page 9
NOTE – if extending battery cable ensure that the circuit breaker 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 12v deep cycle marine battery (your Watersnake motor is not designed to be used with a car / truck / motorcycle type battery)
- 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.)

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.

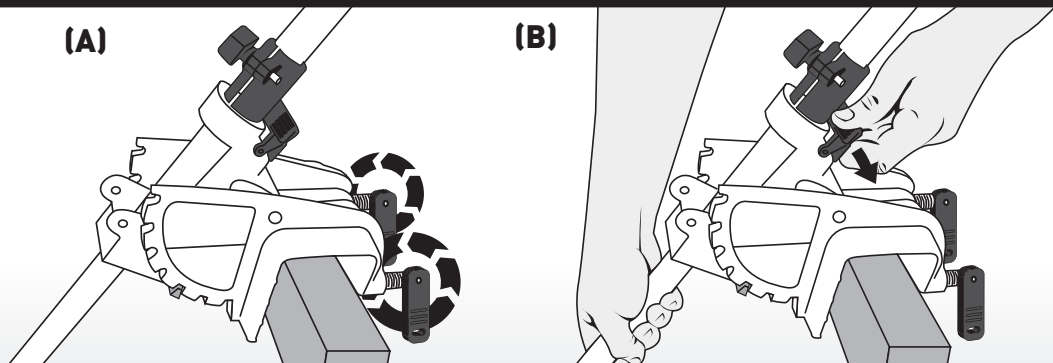
Please read manual completely before starting installation.

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



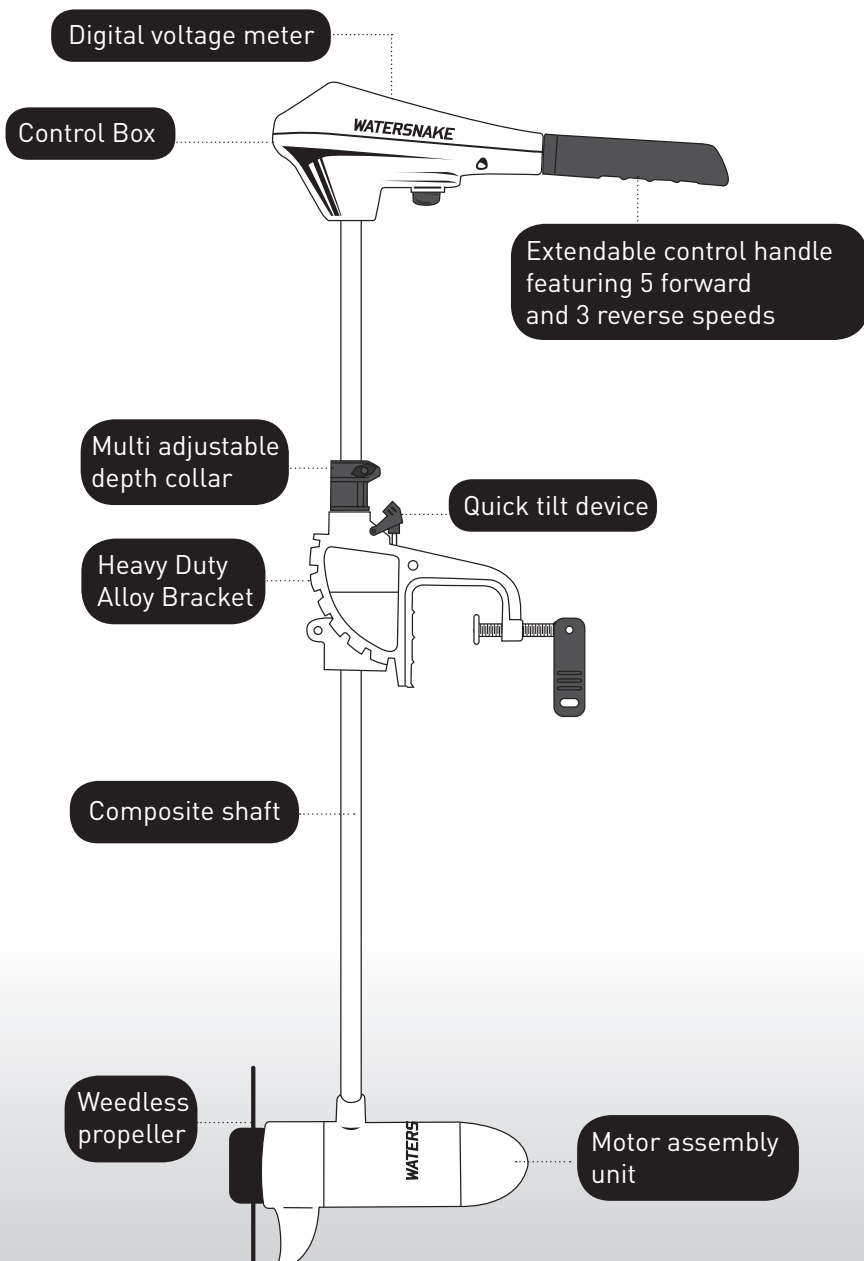
**DEPRESS THE POSITIONING PIN
TO ADJUST TILT OF THE BRACKET**

PLEASE NOTE:

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



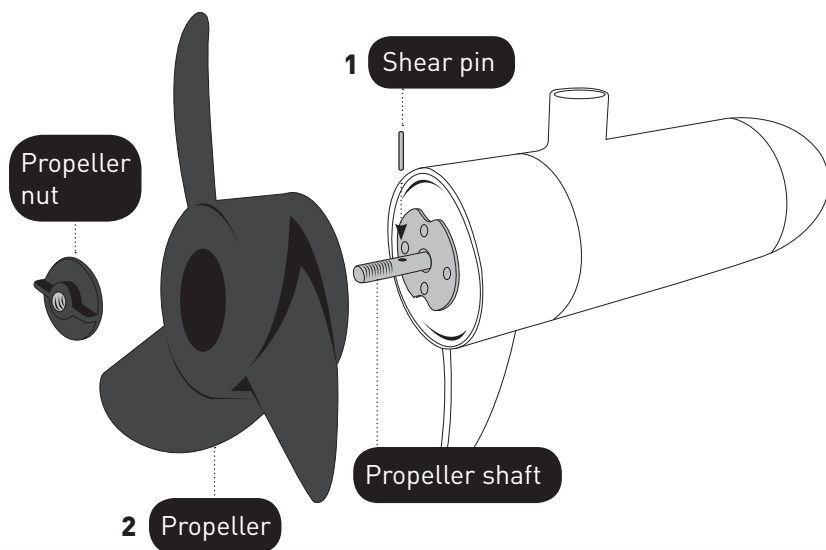
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ATTACHING THE PROPELLER

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

- 1: Place shear pin in shaft as shown.
- 2: Align the propeller against the shear pin on the shaft (there is a groove on the back of the propeller which the shear pin needs to slot into) and then tighten the propeller nut securely.



Please note the Venom SX34/26, SX34/30, SX34/26 and SXW34/30 motors comes with a 2 bladed propeller.

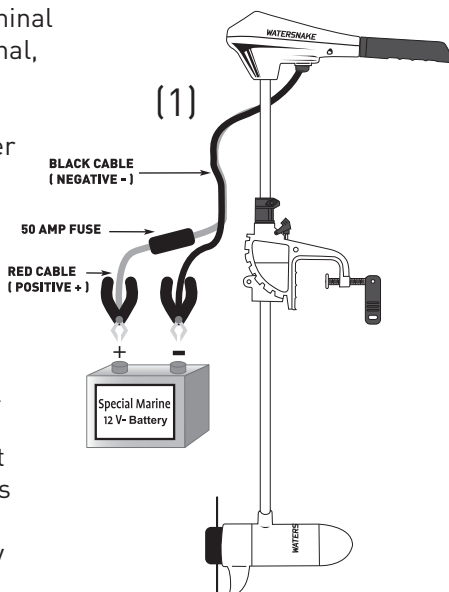
ELECTRICAL CONNECTIONS

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.

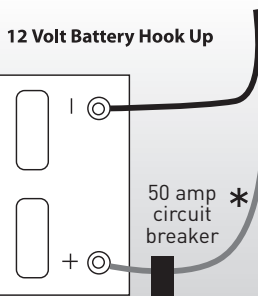
Please Note: for best performance please keep battery terminals and connections clean.

There are a number of different methods of connecting battery leads to your 12v 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.



A Watersnake circuit breaker is highly recommended. Attach to the red power cable to protect the circuit boards of the motor. As shown on diagram 1. This is a connection that joins the motor battery cable to the battery and shuts the motor off if the connection over heats. See Watersnake circuit breaker on page 26. Available as a separate purchase.

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



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.

DEEP CYCLE BATTERIES

A 12v deep cycle marine battery is required for normal operation and continued use of your Watersnake motor. 12v 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 / Motorcycle 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

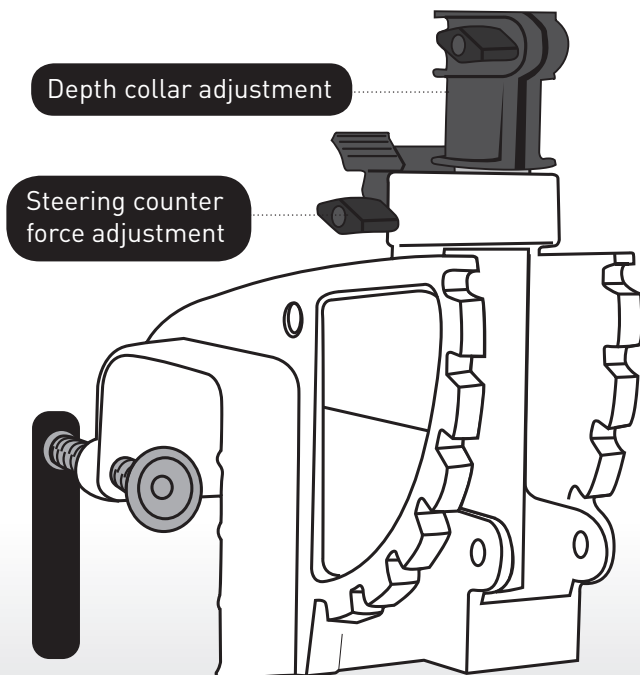
When your Watersnake motor is not in use always stow and store it properly.

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

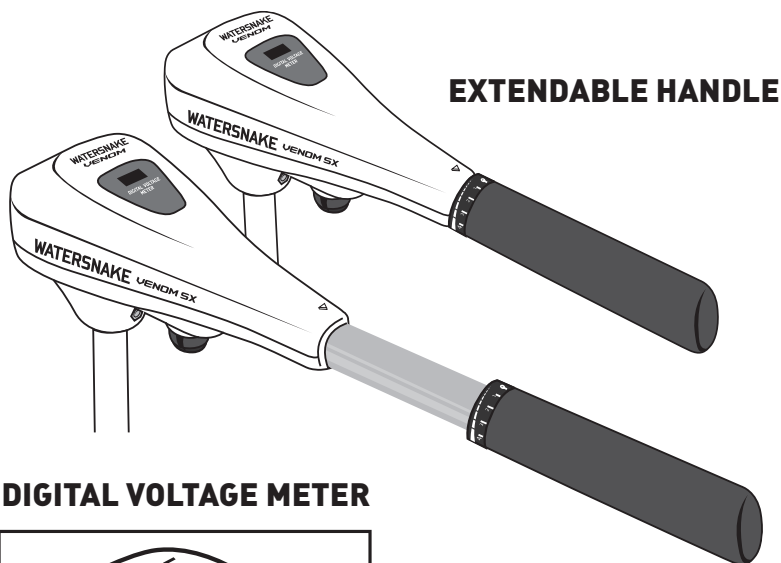
To adjust steering counter-force, simply loosen or tighten the counterforce bolt. The ideal setting is one where the counterforce bolt is just tight enough so that the boat will steer in the direction you are aiming without need for continual correction.



VENOM SX

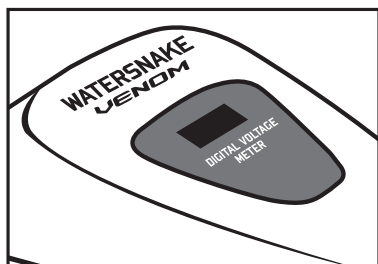
HEAD UNIT & SPEED CONTROL

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. There are five forward and three reverse speeds.



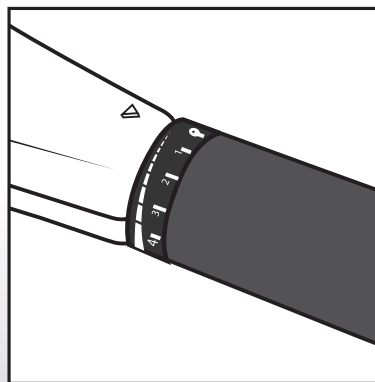
EXTENDABLE HANDLE

DIGITAL VOLTAGE METER



Shows the voltage going into the motor unit from the battery. This should always be 12 Volts. A reading of less than 12 Volts indicates that your battery needs to be charged. Voltage of less than 12 Volts will inhibit the performance of your motor.

SPEED CONTROL



5 Forward and 3 reverse speed settings.



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 fishing, the motor should be cleaned thoroughly. A light rinse with fresh water (do not direct a high pressure stream of water at the motor) and wash with warm soapy water to remove any remaining salt / debris particles should be completed. It is good practice to pay particular attention to areas that are likely to hold salt / debris particles such as the shaft of the motor and the area surrounding the turning motor housing where the depth collar sits when the motor is deployed.

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.

Periodical general maintenance (once or twice a year depending on use)

- Check for any loose screws / bolts / fittings and tighten as required.
- Check wiring / terminals for any sign of corrosion or build up of debris
- Check fuse or circuit breaker for any sign of corrosion or build up of debris

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. For example, if you have a 5 speed trolling motor, don't click through all of the other speeds really fast to get to 5, slowly go up to 1 speed, 2 speed, and so on. 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 12v 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 12

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 boat 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

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 12v 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 12v deep cycle marine battery is fully charged (+ 12v)
- 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 9 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)

Noise or vibration coming from motor

Check that propeller is securely tightened and shear pin is in place
Remove propeller and check for any build up of fishing line / weed or any other debris

- Check that your 12v deep cycle marine battery is fully charged (+ 12v)

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.



WATERSNAKE®
ELECTRIC MOTORS

MODEL SPECIFICATIONS

CODE	MOTOR DESCRIPTION	THRUST	VOLT/AMPS	WATTS	RPM	SHAFT	COLOUR	BRACKET	STEERING	SPEEDS	PROP
55222	Venom SXW 34/26	34lb	12v / 7.5-34	90-410	1300	26"	White	Alloy Transom	Extend Hand Tiller	5 / 3	2-Blade
55223	Venom SXW 54/26	54lb	12v / 13-54	156-640	1370	26"	White	Alloy Transom	Extend Hand Tiller	5 / 3	3-Blade
55227	Venom SXW 34/30	34lb	12v / 7.5-34	90-410	1300	30"	White	Alloy Transom	Extend Hand Tiller	5 / 3	2-Blade
55228	Venom SXW 44/36	44lb	12v / 11-44	132-528	1300	36"	White	Alloy Transom	Extend Hand Tiller	5 / 3	3-Blade
55229	Venom SXW 54/42	54lb	12v / 13-54	156-640	1370	42"	White	Alloy Transom	Extend Hand Tiller	5 / 3	3-Blade
55525	Venom SXW 54/36	54lb	12v / 13-54	156-640	1370	36"	White	Alloy Transom	Extend Hand Tiller	5 / 3	3-Blade
55219	Venom SXW 65/42	65lb	12v / 13-50	156-768	1370	42"	White	Alloy Transom	Extend Hand Tiller	5 / 3	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

USA MODEL SPECIFICATIONS

CODE	MOTOR DESCRIPTION	THRUST	VOLT/AMPS	WATTS	RPM	SHAFT	COLOUR	BRACKET	STEERING	SPEEDS	PROP
55230U	Venom SXW-ET 54/42	54lb	12v / 13-54	156-640	1370	42"	White	Alloy Transom	Extend Hand Tiller	5 / 3	3-Blade



MOTOR SELECTION GUIDE

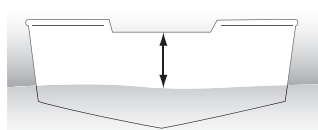
WATERSNAKE SHAFT LENGTH GUIDE

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.

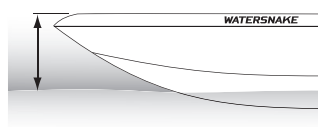
Transom Mount to Water Level	Suggested Shaft Length
Up to 8"	24"
Up to 10"	26"
Up to 12"	30"
10" to 14"	36"
14" to 20"	42"
20" to 22"	48"
22" to 24"	54"

Transom Mount Measurement



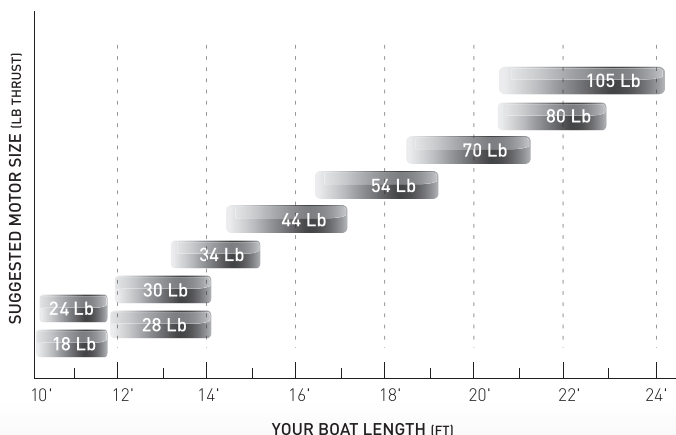
Bow Mount to Water Level	Suggested Shaft Length
14" to 20"	42"
20" to 26"	48"
26" to 32"	54"
32" to 36"	60"

Bow Mount Measurement



WATERSNAKE MOTOR SIZE GUIDE

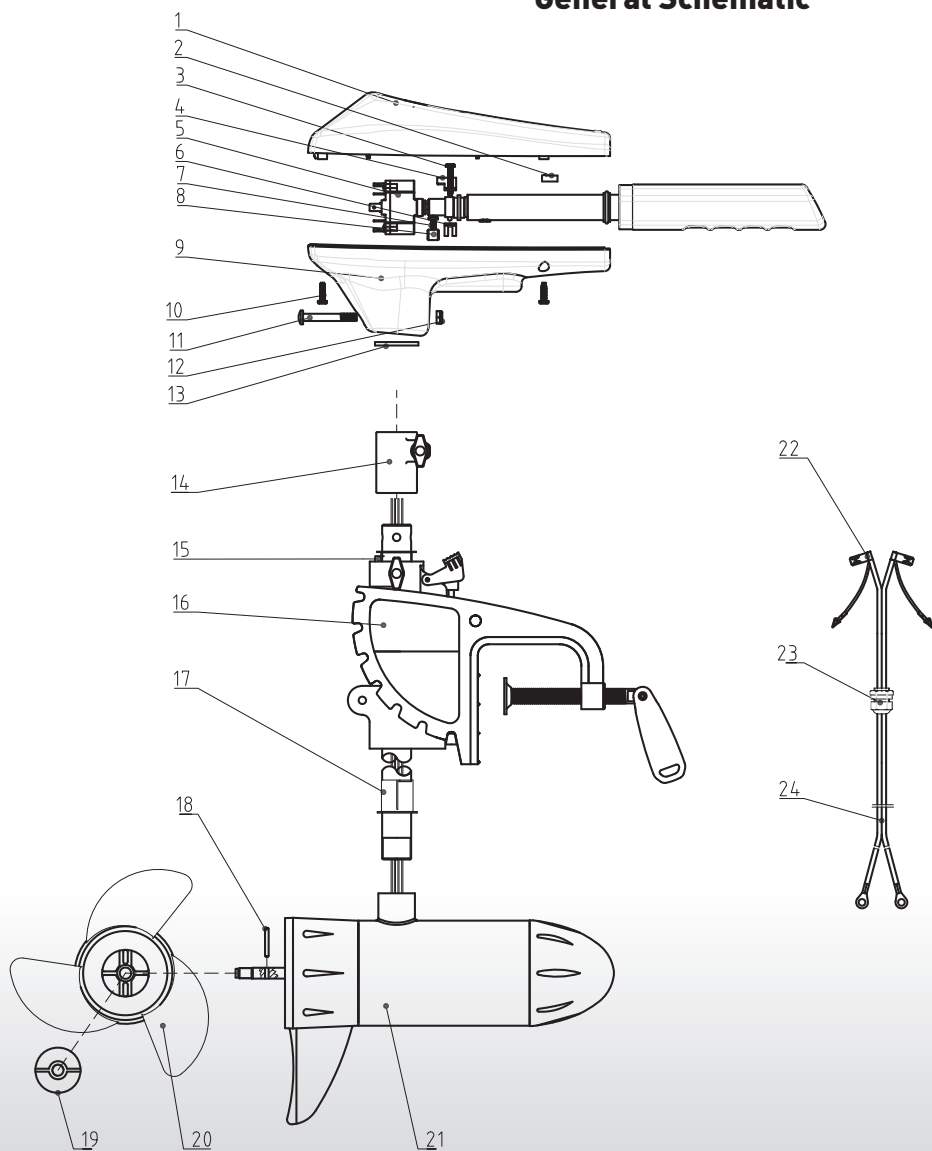
The graph shown right is a general guide only. Always speak with your dealer regarding the size of motor that is most appropriate for your boat.





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ELECTRIC MOTORS

Venom SXW Motor General Schematic



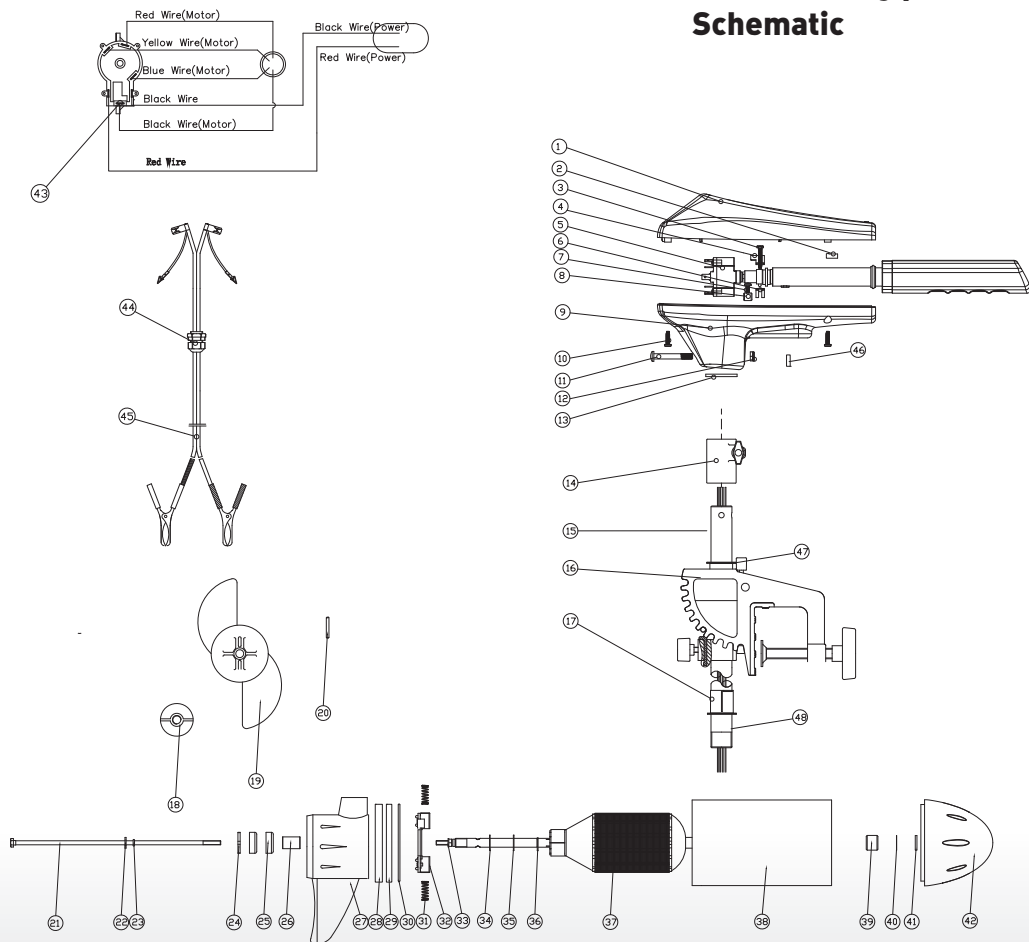
	HP6. 647. 002. 00	Main Battery Cable (SXW34)	1
24	HP6. 647. 003. 00	Main Battery Cable (SXW54、 44)	1
23	HP6. 428. 019. 00	Connector	1
22	HP8. 626. 002. 82	Insulating Sleeve	1
	HP6. 062. 259. 00	Motor Assy (SXW44)	1
	HP6. 062. 258. 00	Motor Assy (SXW54)	1
	HP6. 062. 257. 00	Motor Assy (SXW34/30)	1
21	HP6. 062. 256. 00	Motor Assy (SXW34/26)	1
	HP6. 393. 000. 00	Prop (SXW34)	1
20	HP6. 393. 001. 00	Prop (SXW54、 44)	1
19	HP6. 482. 001. 00	Prop Nut	1
18	HP8. 264. 157. 00	Pin	1
	HP8. 210. 500. 00	Sleeve (SXW34)	1
	HP8. 210. 499. 00	Sleeve (SXW34)	1
17	HP8. 210. 499. 00	Sleeve (SXW54、 44)	2
	HP6. 152. 024. 00	Mount Assy (SXW54、 44)	1
16	HP6. 152. 030. 00	Mount Assy (SXW34)	1
	HP8. 602. 012. 10	Tension Block (SXW34)	1
15	HP8. 602. 007. 10	Tension Block (SXW54、 44)	1
14	HP6. 257. 008. 00	Depth Collar Assy	1
13	HP8. 662. 014. 00	Sealing Ring	1
12	HP6. 482. 000. 00	Locking Nut	1
11	HP8. 926. 045. 00	Bolt	1
10	HP8. 903. 056. 00	Screw	3
9	HP8. 076. 168. 70	Bottom Cover	1
8	HP8. 667. 031. 00	Wire Clip	1
7	HP8. 903. 059. 00	Screw	2
6	HP8. 667. 018. 00	Fixing Clamp	1
5	HP6. 465. 108. 00	Handle Assy	1
4	HP8. 667. 035. 00	Fixing Clamp	1
3	HP8. 903. 058. 06	Screw	2
2	HP7. 746. 000. 00	Faucet	1
1	HP6. 171. 185. 01	Top Cover Assy	1
N0.	Drawing No.	Part Name	Q' ty

SXW Series



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55222 Venom SXW 34/26 Schematic



55222

Venom SXW 34/26

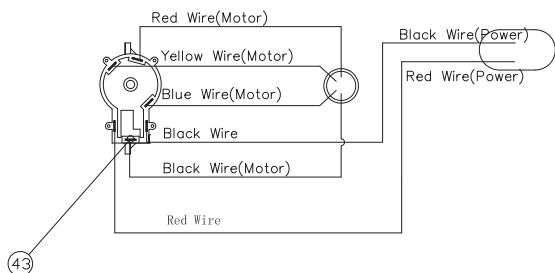
Schematic

29	HP7.767.000.00	Speed regulating coil(up)	1				
28	HP7.767.001.00	Speed regulating coil(down)	1				
27	HP6.171.080.00	Front cover Assy	1				
26	HP8.251.000.00	oil bearing	1				
25	HP6.475.000.00	Sealing ring	2				
24	HP8.683.049.45	Retainer ring	1				
23	HP8.662.015.00	o ring seal	2				
22	HP8.610.049.00	Hexagonal washer	2				
21	HP8.926.020.00	Connecting rod bolt	2				
20	HP8.264.157.00	Pin	1				
19	HP6.393.001.00	Prop	1	48	HP6.657.114.99	Shaft	1
18	HP6.482.001.00	Prop nut	1	47	HP8.210.500.00	Bushing	1
17	HP8.210.499.00	Sleeve	2	46	HP8.220.385.70	Bushing	1
16	HP6.152.030.00	Mount Assy	1	45	HP6.647.002.00	Main Battery Cable	1
15	HP8.602.007.10	Tension Block	1	44	HP6.428.019.00	Connector	1
14	HP6.257.008.00	Depth Collar Assy	1	43	HP8.626.002.82	Insulating Sleeve	1
13	HP8.662.014.00	Sealing Ring	1	42	HP8.010.001.158	Rear cover	1
12	HP6.482.000.00	Locking Nut	1	41	HP8.940.310.00	Washer	1
11	HP8.926.045.00	Bolt	1	40	HP8.940.309.00	Washer	1-3
10	HP8.903.056.00	Screw	3	39	HP8.251.001.00	Left ornament	1
9	HP8.076.168.70	Bottom Cover	1	38	HP6.652.002.01	Stator assy	1
8	HP8.667.031.00	Wire Clip	1	37	HP6.656.002.00	Rotor assy	1
7	HP8.903.059.00	Screw	2	36	HP8.245.031.16	E-ring	2
6	HP8.667.018.00	Fixing Clamp	1	35	HP8.940.312.00	Washer	1
5	HP6.465.108.00	Handle Assy	1	34	HP8.940.311.00	Washer	1
4	HP8.667.035.00	Fixing Clamp	1	33	HP8.903.060.07	Screw	2
3	HP8.903.058.06	Screw	2	32	HP6.670.06900	Brush holder assy	1
2	HP7.746.000.00	Faucet	1	31	HP8.382.062.00	Spring	2
1	HP6.171.185.01	Top Cover Assy	1	30	HP8.662.013.00	o ring seal	2
NO.	Drawing No.	Part Name	Q'ty	NO.	Drawing No.	Part Name	Q'ty

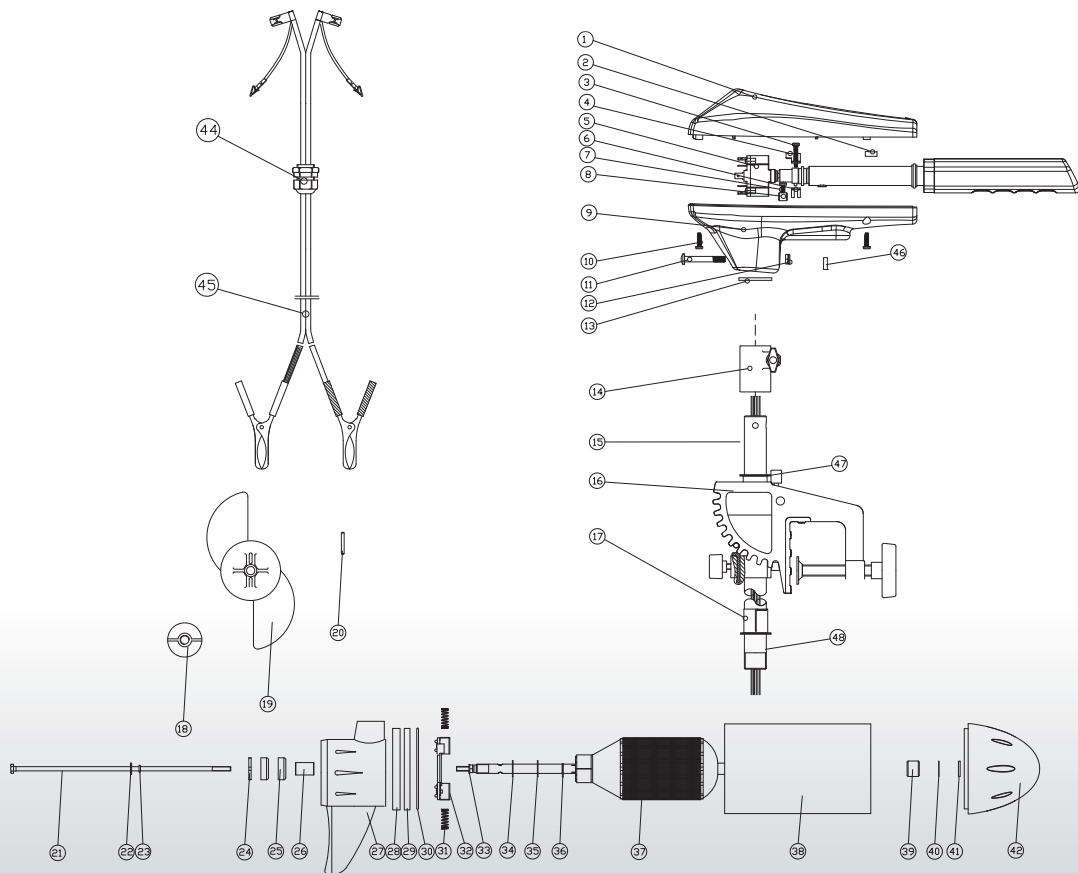
SXW34/26



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55227 Venom SXW 34/30 Schematic



55227

Venom SXW 34/30

Schematic

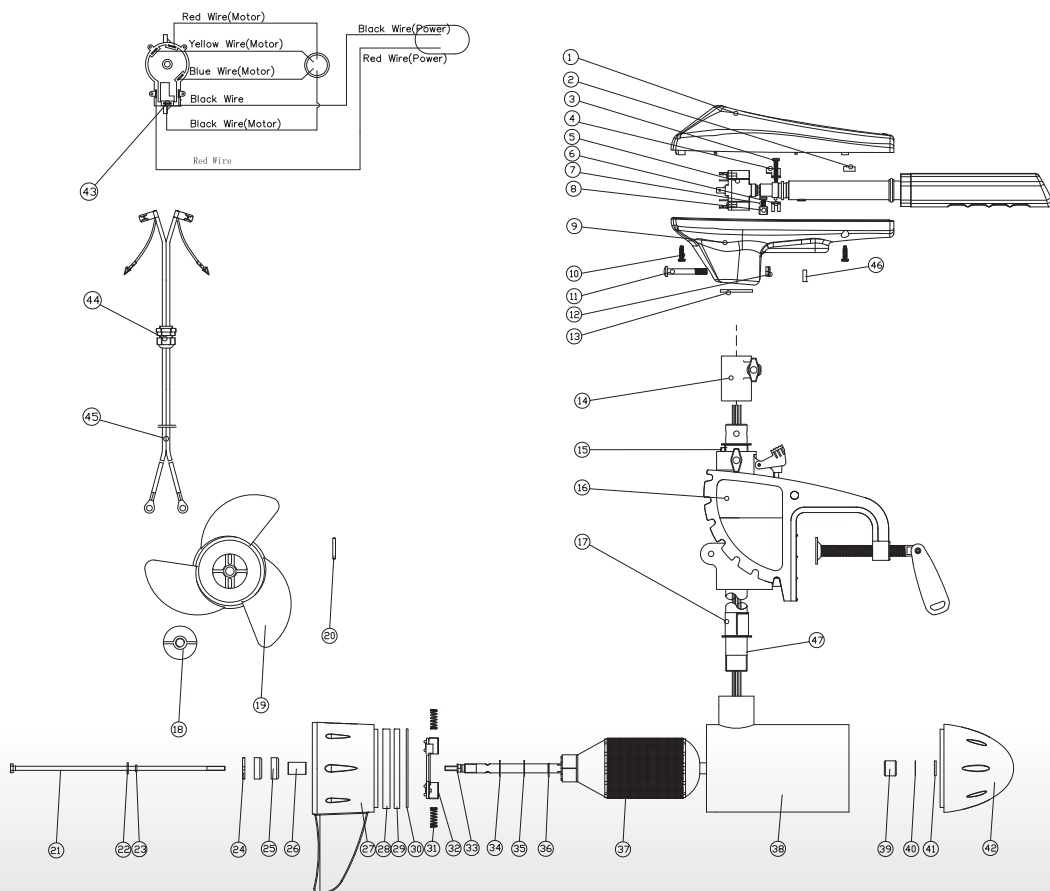
29	HP7.767.000.00	Speed regulating coll(up)	1				
28	HP7.767.001.00	Speed regulating coll(down)	1				
27	HP6.171.080.00	Front cover Assy	1				
26	HP8.251.000.00	oil bearing	1				
25	HP6.475.000.00	Sealing ring	2				
24	HP8.683.049.45	Retainer ring	1				
23	HP8.662.015.00	o ring seal	2				
22	HP8.610.049.00	Hexagonal washer	2				
21	HP8.926.020.00	Connecting rod bolt	2				
20	HP8.264.157.00	Pin	1				
19	HP6.393.001.00	Prop	1	48	HP6.657.115.99	Shaft	1
18	HP6.482.001.00	Prop nut	1	47	HP8.210.500.00	Bushing	1
17	HP8.210.499.00	Sleeve	2	46	HP8.220.385.70	Bushing	1
16	HP6.152.030.00	Mount Assy	1	45	HP6.647.002.00	Main Battery Cable	1
15	HP8.602.007.10	Tension Block	1	44	HP6.428.019.00	Connector	1
14	HP6.257.008.00	Depth Collar Assy	1	43	HP8.626.002.82	Insulating Sleeve	1
13	HP8.662.014.00	Sealing Ring	1	42	HP8.010.001.158	Rear cover	1
12	HP6.482.000.00	Locking Nut	1	41	HP8.940.310.00	Washer	1
11	HP8.926.045.00	Bolt	1	40	HP8.940.309.00	Washer	1-3
10	HP8.903.056.00	Screw	3	39	HP8.251.001.00	Left ornament	1
9	HP8.076.168.70	Bottom Cover	1	38	HP6.652.002.01	Stator assy	1
8	HP8.667.031.00	Wire Clip	1	37	HP6.656.002.00	Rotor assy	1
7	HP8.903.059.00	Screw	2	36	HP8.245.031.16	E-ring	2
6	HP8.667.018.00	Fixing Clamp	1	35	HP8.940.312.00	Washer	1
5	HP6.465.108.00	Handle Assy	1	34	HP8.940.311.00	Washer	1
4	HP8.667.035.00	Fixing Clamp	1	33	HP8.903.060.07	Screw	2
3	HP8.903.058.06	Screw	2	32	HP6.670.00200	Brush holder assy	1
2	HP7.746.000.00	Faucet	1	31	HP8.382.062.00	Spring	2
1	HP6.171.185.01	Top Cover Assy	1	30	HP8.662.013.00	o ring seal	2
NO.	Drawing No.	Part Name	Q'ty	NO.	Drawing No.	Part Name	Q'ty

SXW34/30



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55228 Venom SXW 44/36 Schematic



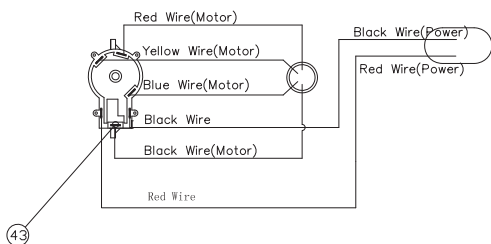
55228 Venom SXW 44/36 Schematic

29	HP7.767.003.00	Speed regulating coll(out)	1				
28	HP7.767.002.00	Speed regulating coll(in)	1				
27	HP6.171.081.00	Front cover Assy	1				
26	HP8.251.000.00	oil bearing	1				
25	HP6.475.000.00	Sealing ring	2				
24	HP8.683.049.45	Retainer ring	1				
23	HP8.662.015.00	o ring seal	2				
22	HP8.610.049.00	Hexagonal washer	2				
21	HP8.926.018.00	Connecting rod bolt	2				
20	HP8.264.157.00	Pin	1				
19	HP6.393.001.00	Prop	2				
18	HP6.482.001.00	Prop nut	1	47	HP6.657.117.99	Shaft	1
17	HP8.210.499.00	Sleeve	2	46	HP8.220.385.70	Bushing	1
16	HP6.152.024.00	Mount Assy	1	45	HP6.647.003.00	Main Battery Cable	1
15	HP8.602.007.10	Tension Block	1	44	HP6.428.019.00	Connector	1
14	HP6.257.008.00	Depth Collar Assy	1	43	HP8.626.002.82	Insulating Sleeve	1
13	HP8.662.014.00	Sealing Ring	1	42	HP8.010.003.158	Rear cover	1
12	HP6.482.000.00	Locking Nut	1	41	HP8.940.310.00	Washer	1
11	HP8.926.045.00	Bolt	1	40	HP8.940.309.00	Washer	1-3
10	HP8.903.056.00	Screw	3	39	HP8.251.001.00	Left ornament	1
9	HP8.076.168.70	Bottom Cover	1	38	HP6.652.001.01	Stator assy	1
8	HP8.667.031.00	Wire Clip	1	37	HP6.656.003.00	Rotor assy	1
7	HP8.903.059.00	Screw	2	36	HP8.245.031.16	E-ring	2
6	HP8.667.018.00	Fixing Clamp	1	35	HP8.940.312.00	Washer	1
5	HP6.465.108.00	Handle Assy	1	34	HP8.940.311.00	Washer	1
4	HP8.667.035.00	Fixing Clamp	1	33	HP8.903.060.07	Screw	2
3	HP8.903.058.06	Screw	2	32	HP6.670.003.00	Brush holder assy	1
2	HP7.746.000.00	Faucet	1	31	HP8.382.063.00	Spring	2
1	HP6.171.185.01	Top Cover Assy	1	30	HP8.662.016.00	o ring seal	2
NO.	Drawing No.	Part Name	Q'ty	NO.	Drawing No.	Part Name	Q'ty

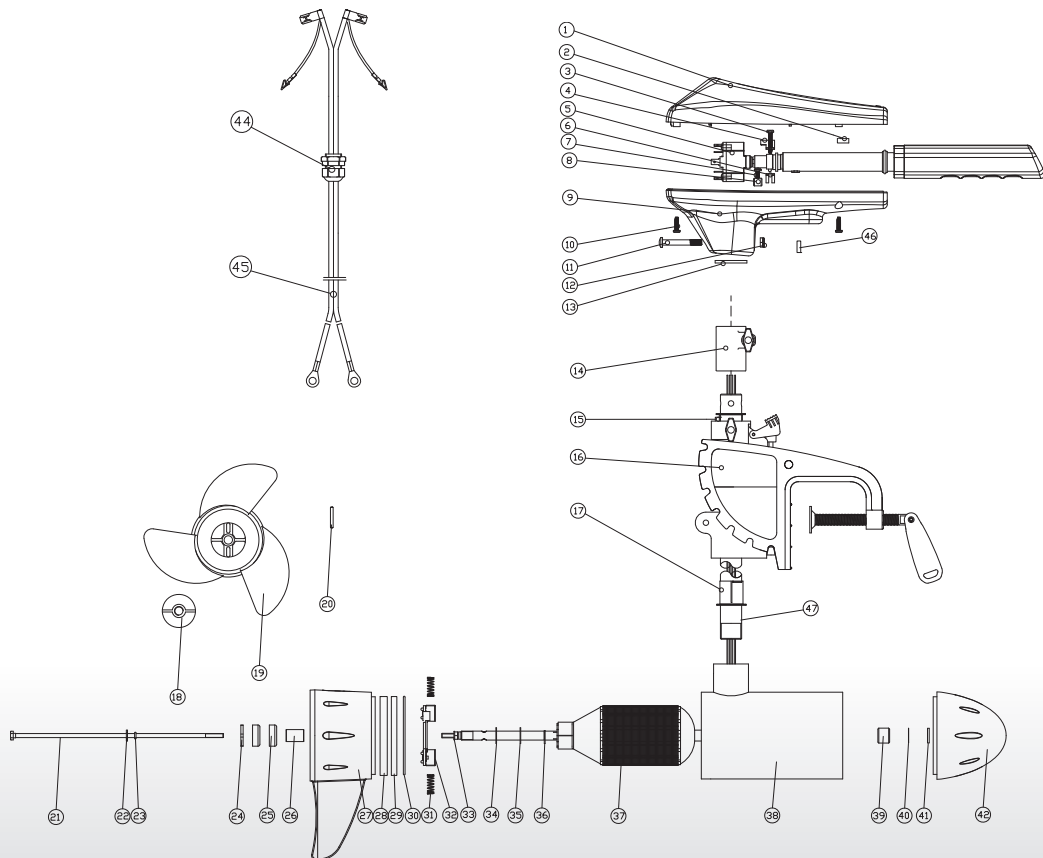
SXW44/36



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55229 Venom SXW 54/42 Schematic



55229

Venom SXW 54/42

Schematic

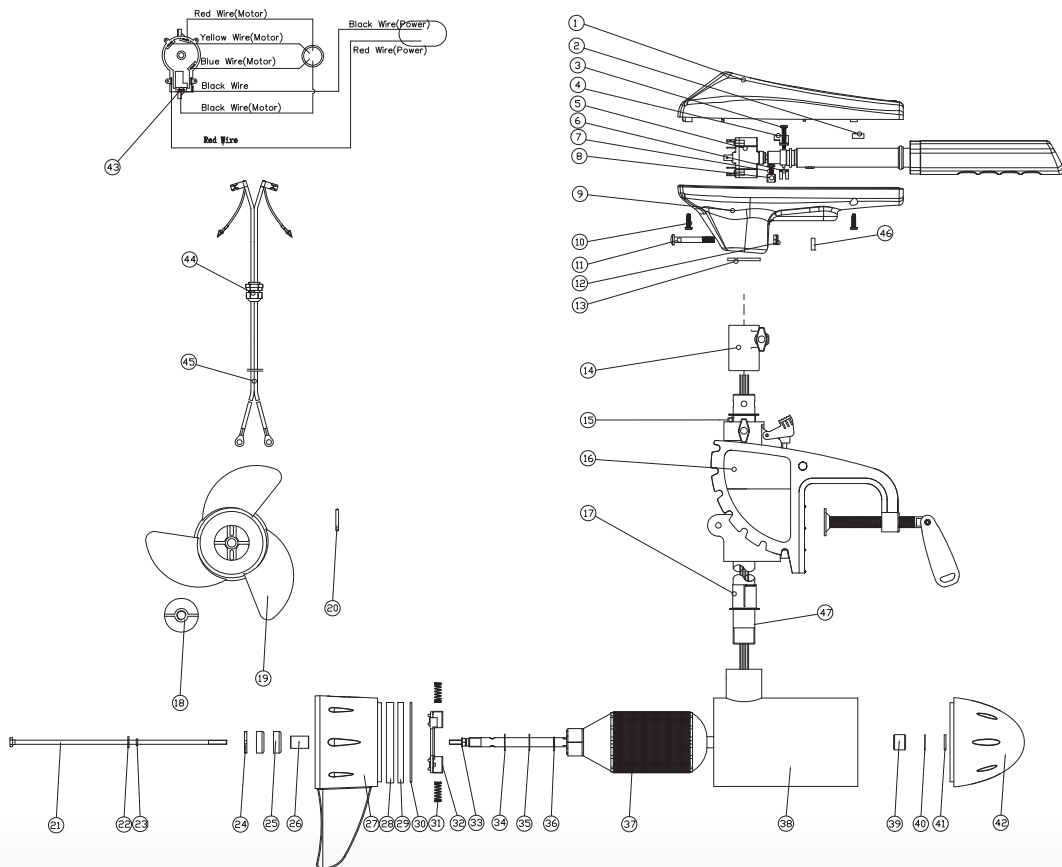
29	HP7.767.003.00	Speed regulating coil(out)	1				
28	HP7.767.002.00	Speed regulating coil(in)	1				
27	HP6.171.081.00	Front cover Assy	1				
26	HP8.251.000.00	oil bearing	1				
25	HP6.475.000.00	Sealing ring	2				
24	HP8.683.049.45	Retainer ring	1				
23	HP8.662.015.00	o ring seal	2				
22	HP8.610.049.00	Hexagonal washer	2				
21	HP8.926.018.00	Connecting rod bolt	2				
20	HP8.264.157.00	Pin	1				
19	HP6.393.001.00	Prop	1				
18	HP6.482.001.00	Prop nut	1	47	HP6.657.116.99	Shaft	1
17	HP8.210.499.00	Sleeve	2	46	HP8.220.385.70	Bushing	1
16	HP6.152.024.00	Mount Assy	1	45	HP6.647.003.00	Main Battery Cable	1
15	HP8.602.007.10	Tension Block	1	44	HP6.428.019.00	Connector	1
14	HP6.257.008.00	Depth Collar Assy	1	43	HP8.626.002.82	Insulating Sleeve	1
13	HP8.662.014.00	Sealing Ring	1	42	HP8.010.003.158	Rear cover	1
12	HP6.482.000.00	Locking Nut	1	41	HP8.940.310.00	Washer	1
11	HP8.926.045.00	Bolt	1	40	HP8.940.309.00	Washer	1-3
10	HP8.903.056.00	Screw	3	39	HP8.251.001.00	Left ornament	1
9	HP8.076.168.70	Bottom Cover	1	38	HP6.652.001.01	Stator assy	1
8	HP8.667.031.00	Wire Clip	1	37	HP6.656.004.00	Rotor assy	1
7	HP8.903.059.00	Screw	2	36	HP8.245.031.16	E-ring	2
6	HP8.667.018.00	Fixing Clamp	1	35	HP8.940.312.00	Washer	1
5	HP6.465.108.00	Handle Assy	1	34	HP8.940.311.00	Washer	1
4	HP8.667.035.00	Fixing Clamp	1	33	HP8.903.060.07	Screw	2
3	HP8.903.058.06	Screw	2	32	HP6.670.001.00	Brush holder assy	1
2	HP7.746.000.00	Faucet	1	31	HP8.382.063.00	Spring	2
1	HP6.171.185.01	Top Cover Assy	1	30	HP8.662.016.00	o ring seal	2
NO.	Drawing No.	Part Name	Q'ty	NO.	Drawing No.	Part Name	Q'ty

SXW54/42



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55525 Venom SXW 54/36 Schematic



55525

Venom SXW 54/36

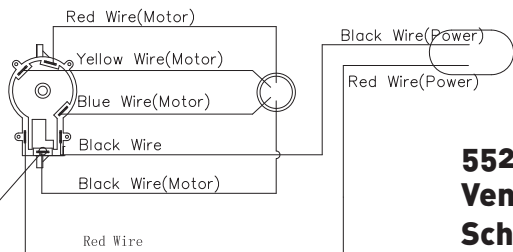
Schematic

29	HP7.767.003.00	Speed regulating coil(out)	1				
28	HP7.767.002.00	Speed regulating coil(in)	1				
27	HP6.171.081.00	Front cover Assy	1				
26	HP8.251.000.00	oil bearing	1				
25	HP6.475.000.00	Sealing ring	2				
24	HP8.683.049.45	Retainer ring	1				
23	HP8.662.015.00	o ring seal	2				
22	HP8.610.049.00	Hexagonal washer	2				
21	HP8.926.018.00	Connecting rod bolt	2				
20	HP8.264.157.00	Pin	1				
19	HP6.393.001.00	Prop	1				
18	HP6.482.001.00	Prop nut	1	47	HP6.657.117.99	Shaft	1
17	HP8.210.499.00	Sleeve	2	46	HP8.220.385.70	Bushing	1
16	HP6.152.024.00	Mount Assy	1	45	HP6.647.003.00	Main Battery Cable	1
15	HP8.602.007.10	Tension Block	1	44	HP6.428.019.00	Connector	1
14	HP6.257.008.00	Depth Collar Assy	1	43	HP8.626.002.82	Insulating Sleeve	1
13	HP8.662.014.00	Sealing Ring	1	42	HP8.010.003.158	Rear cover	1
12	HP6.482.000.00	Locking Nut	1	41	HP8.940.310.00	Washer	1
11	HP8.926.045.00	Bolt	1	40	HP8.940.309.00	Washer	1-3
10	HP8.903.056.00	Screw	3	39	HP8.251.001.00	Left ornament	1
9	HP8.076.168.70	Bottom Cover	1	38	HP6.652.001.01	Stator assy	1
8	HP8.667.031.00	Wire Clip	1	37	HP6.656.004.00	Rotor assy	1
7	HP8.903.059.00	Screw	2	36	HP8.245.031.16	E-ring	2
6	HP8.667.018.00	Fixing Clamp	1	35	HP8.940.312.00	Washer	1
5	HP6.465.108.00	Handle Assy	1	34	HP8.940.311.00	Washer	1
4	HP8.667.035.00	Fixing Clamp	1	33	HP8.903.060.07	Screw	2
3	HP8.903.058.06	Screw	2	32	HP6.670.00300	Brush holder assy	1
2	HP7.746.000.00	Faucet	1	31	HP8.382.063.00	Spring	2
1	HP6.171.185.01	Top Cover Assy	1	30	HP8.662.016.00	o ring seal	2
NO.	Drawing No.	Part Name	Q'ty	NO.	Drawing No.	Part Name	Q'ty

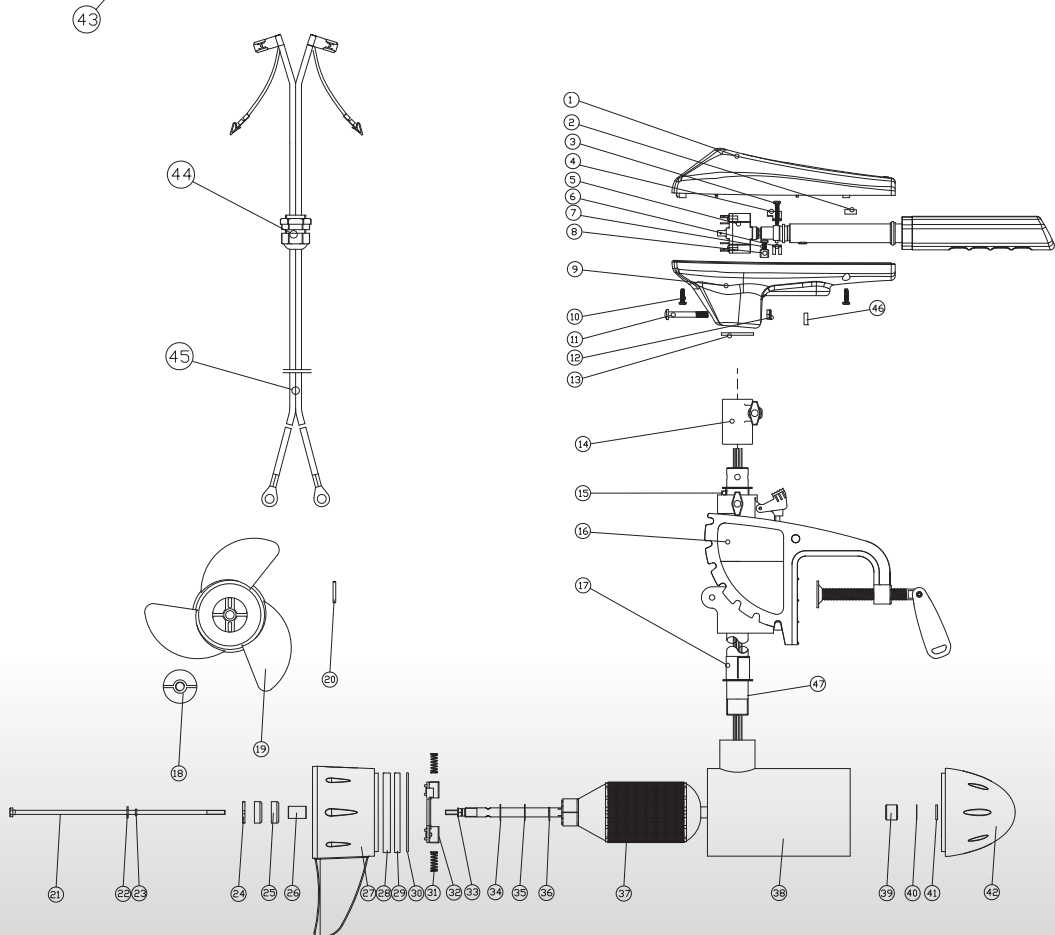
SXW54/36



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55230U Venom SXW-ET 54/42 Schematic



55230U Venom SXW-ET 54/42 Schematic

29	HP7.767.003.00	Speed regulating coil(out)	1				
28	HP7.767.002.00	Speed regulating coil(in)	1				
27	HP6.171.081.00	Front cover Assy	1				
26	HP8.251.000.00	oil bearing	1				
25	HP6.475.000.00	Sealing ring	2				
24	HP8.683.049.45	Retainer ring	1				
23	HP8.662.015.00	o ring seal	2				
22	HP8.610.049.00	Hexagonal washer	2				
21	HP8.926.018.00	Connecting rod bolt	2				
20	HP8.264.157.00	Pin	1				
19	HP6.393.001.00	Prop	1				
18	HP6.482.001.00	Prop nut	1	47	HP6.657.116.99	Shaft	1
17	HP8.210.499.00	Sleeve	2	46	HP8.220.385.70	Bushing	1
16	HP6.152.024.00	Mount Assy	1	45	HP6.647.003.00	Main Battery Cable	1
15	HP8.602.007.10	Tension Block	1	44	HP6.428.019.00	Connector	1
14	HP6.257.008.00	Depth Collar Assy	1	43	HP8.626.002.82	Insulating Sleeve	1
13	HP8.662.014.00	Sealing Ring	1	42	HP8.010.003.158	Rear cover	1
12	HP6.482.000.00	Locking Nut	1	41	HP8.940.310.00	Washer	1
11	HP8.926.045.00	Bolt	1	40	HP8.940.309.00	Washer	1-3
10	HP8.903.056.00	Screw	3	39	HP8.251.001.00	Left ornament	1
9	HP8.076.168.70	Bottom Cover	1	38	HP6.652.001.01	Stator assy	1
8	HP8.667.031.00	Wire Clip	1	37	HP6.656.004.00	Rotor assy	1
7	HP8.903.059.00	Screw	2	36	HP8.245.031.16	E-ring	2
6	HP8.667.018.00	Fixing Clamp	1	35	HP8.940.312.00	Washer	1
5	HP6.465.108.00	Handle Assy	1	34	HP8.940.311.00	Washer	1
4	HP8.667.035.00	Fixing Clamp	1	33	HP8.903.060.07	Screw	2
3	HP8.903.058.06	Screw	2	32	HP6.670.001.00	Brush holder assy	1
2	HP7.746.000.00	Faucet	1	31	HP8.382.063.00	Spring	2
1	HP6.171.185.01	Top Cover Assy	1	30	HP8.662.016.00	o ring seal	2
NO.	Drawing No.	Part Name	Q'ty	NO.	Drawing No.	Part Name	Q'ty

SXW-ET54-42



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



Watersnake Circuit Breaker

This simple-to-install kit is a must-have to protect your electric motor: the circuit breaker activates in situations where your motor becomes over-loaded.

55516

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

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 54lb motors. The 3-Bladed Large Propeller Kit is suitable for all 70lb, 80lb and 105lb motors.



55501
Large 3 Blade
Prop (70lb-105lb)



55130
3 Blade Prop
(44lb-54lb)



55131
2 Blade Prop
(28-34lb)



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



Watersnake Propeller Accessory Kit

This kit is very handy and we suggest you keep one at all times. Consists of a propeller nut wrench, propeller nut and shear pins.

55132

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





WATERSNAKE®
ELECTRIC MOTORS

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.)

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. At the bottom of the page, there is a shaded gray area that serves as a margin or footer space. The overall appearance is that of a clean, unused piece of stationery.

WATERSNAKE®

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South Korea	Plady Co., Ltd	+82 10 9894 9938
New Zealand	Brittain Wynyard	+64-9 309 0519
USA		
USA	Innovative Procurement, LLC	+1 573 346 7447
Africa		
South Africa	Apex Walker	+27 11 7920 611
Russia		
Russia	Badger Ltd.	+7 812 321 8880
Europe		
Austria	Aquazona	+420 386 357 881
Bosnia	Aquazona	+420 386 357 881
Bulgaria	Aquazona	+420 386 357 881
Czech Republic	Aquazona	+420 386 357 881
Denmark	Wiggler AB	+0303 798 744
Finland	Wiggler AB	+0303 798 744
Germany	World Fishing Tackle	+49 0 900 123 58 13
Ireland	Masterline Walker	+44 0 1684 299 000
Italy	Europesca Sport	+39 06 6500 2449
Luxembourg	World Fishing Tackle	+49 0 900 123 58 13
Montenegro	Aquazona	+420 386 357 881
Netherlands	World Fishing Tackle	+49 0 900 123 58 13
Norway	Wiggler AB	+0303 798 744
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www.watersnake.com.au

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