KEY FEATURES

BERTOLINI PUMPS

20 years of partnership with Bertolini Pumps has allowed us to use of the highest quality pumps on the market. This guarantees optimum performance from your spray unit, first time, every time.

POWERED BY HONDA

Every engine that sports the 'Green and Gold Approved'Honda symbol has been "matched" specifically to its product to make sure it's the right Honda engine for the job. The Honda motors pack a punch and are designed to work hard from day one, so we've made sure it's the right Honda engine for each Intelli-Spray model.

REMOTE CONTROLLED TRANSMITTERS

Our Intelli-Spray units are radio controlled by a hand-held transmitter. Our advanced radio technology gives you superior, independent radio range, without interference between operators. Over 38 years in the business means we have weeded out the inferior technologies used by others. Beware of out-dated technology. Comes with 1-year full comprehensive warranty on the RCM module (radio transmitters and radio control box).

SUPA-SLIP HOSE

Intelli-Spray's own Supa-Slip® Hose is a high grade Nylon which is a polyamide bio plastic derived from vegetable oil which offers advanced performance and strength as opposed to the lower grade of Nylons commonly used.

The Intelli-Spray hose has higher operating pressures and tensile strength. It is also more resistant to cold and hot extremes. The additives in the hose mean it is less likely to kink or stretch giving it a longer life cycle.

WELCOME TO INTELLI-SPRAY

On behalf of the Intelli-Spray team, we would like to thank you for investing in a quality Intelli-Spray product. Our units are manufactured to the highest standard of quality, with every individual unit hand-assembled to guarantee our customers the best product and service possible. As an Australian owned business your investment has enabled our every success.

As a division of Quik Corp, our team have provided over three decades of high-quality agricultural products to the Australian market. From our humble beginnings in 1988, our product range has continually expanded and our innovation sparks from the passion and commitment we have for the agricultural industry.

Producing the world's first remote controlled retractable hose reel system in 1988, Quik Spray is the preferred choice of spray units for farmers, councils, contractors and nurseries.

With innovation, valuable expertise and the most dedicated service, we produce superior equipment suited to the harsh Australian environment. After 37 years, we know what it takes to make the most trusted sprayer on the market.

> All Intelli-Spray units are fabricated and hand-assembled in Coolum Beach, Queensland, Australia. We control all aspects of the fabrication and assembly process, ensuring you get the highest quality product. We are extremely proud and dedicated to providing jobs to local employees in the local manufacturing sector.

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WARNING

PLEASE FOLLOW ALL WARNINGS AS FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY, PERMANENT INJURY OR DEATH

1. DO NOT start the unit until you have read this manual carefully.
2. DO NOT let any person near the unit while it is operating.
3. DO NOT start motor with pressure lever in the “press position”
4. DO NOT pull the hose out too fast as the reel may run on, causing the hose to become entangled.
5. DO NOT alter the equipment in any manner. If repairs are necessary use only genuine factory repair parts.
6. DO NOT leave the unit running unattended at any time.
7. DO NOT operate the unit if there are any leaks from hoses, fittings ect. Fluids which are under high pressure can penetrate the skin.
8. DO NOT operate near power lines, as contact could result in electrocution.
9. DO NOT refuel the engine until it has stopped and, if any fuel is spilled, make sure the area is dry before starting the engine.

PRE-OPERATION CHECKLIST

Prior to operating your spray system, please read the following instructions carefully.

1. Check all spray guns are connected and water tight.
2. Ensure the water tank is filled.
3. Ensure there is fuel in the motor (unleaded).
4. Ensure the correct oil level in pump (pump manual).
5. Ensure the correct oil level in motor (motor manual).
6. Ensure the controller 2-way ball valves in the off position.
7. Ensure the pressure lever is in bypass position.
8. Ensure all safety guards and shields are in place.
9. Ensure all nuts, bolts, and screws are in place and tight.
10. Ensure the radio on/off switch in the off position.
11. Make sure that the unit is in an open space (exhaust gas is poisonous).
12. All maintenance schedules have been completed.
13. Start engine (see engine manual).
14. Adjust engine revs to approximately 2400 rpm or ¾ revs.

UNPACKING YOUR UNIT

When unpacking your new Intelli-Spray unit, please check it thoroughly for any transport damage that may have occurred during transit. Check that all parts and accessories that were ordered, have been included.

- Aerial/s
- Transmitter/s
- All accessories as ordered

FIT AERIALS TO MOUNTING BASES

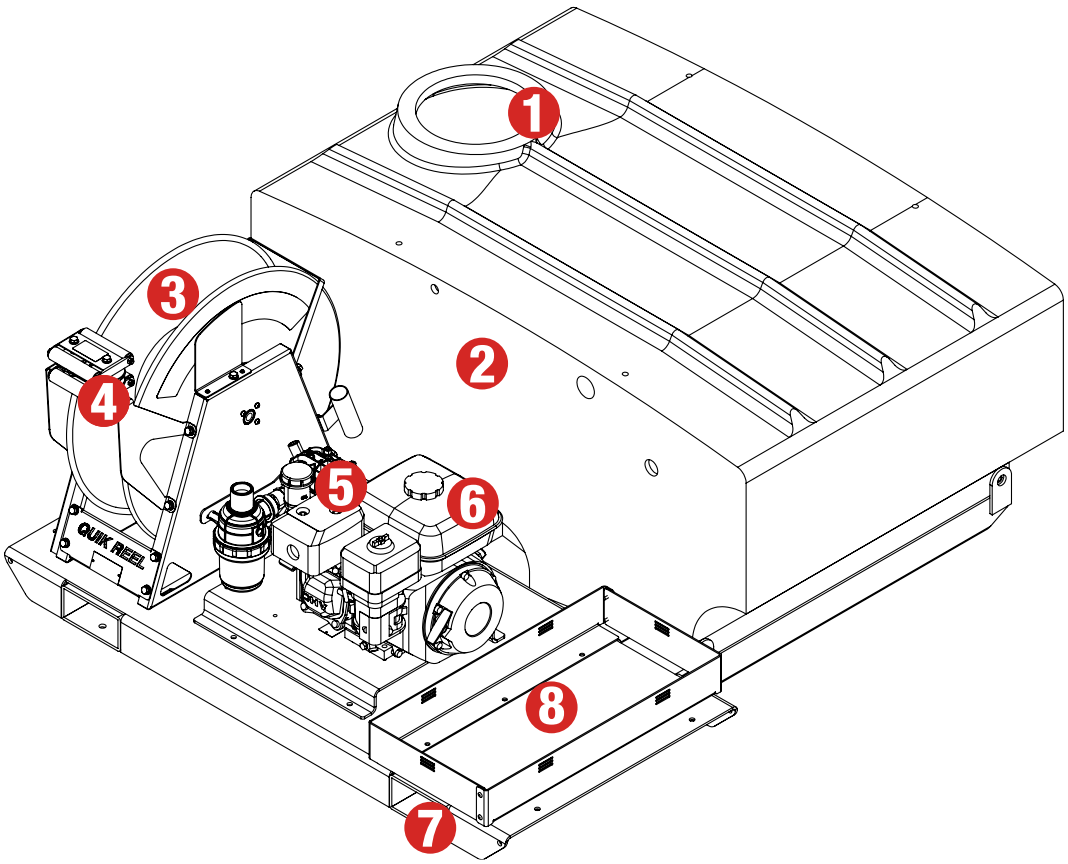
WARNING

DO NOT OVER-TIGHTEN THE AERIAL TO THE AERIAL BASE

Finger tighten and a tiny bit more, is all that the aerials require to be attached properly. Overtightening the aerials can cause the coax cable to break in the solder cap of the aerial base severing the connection to the aerial. This can result in a radio range of only 20-40 meters rendering the aerial/s incapable of receiving a signal.

PRODUCT RANGE OVERVIEW

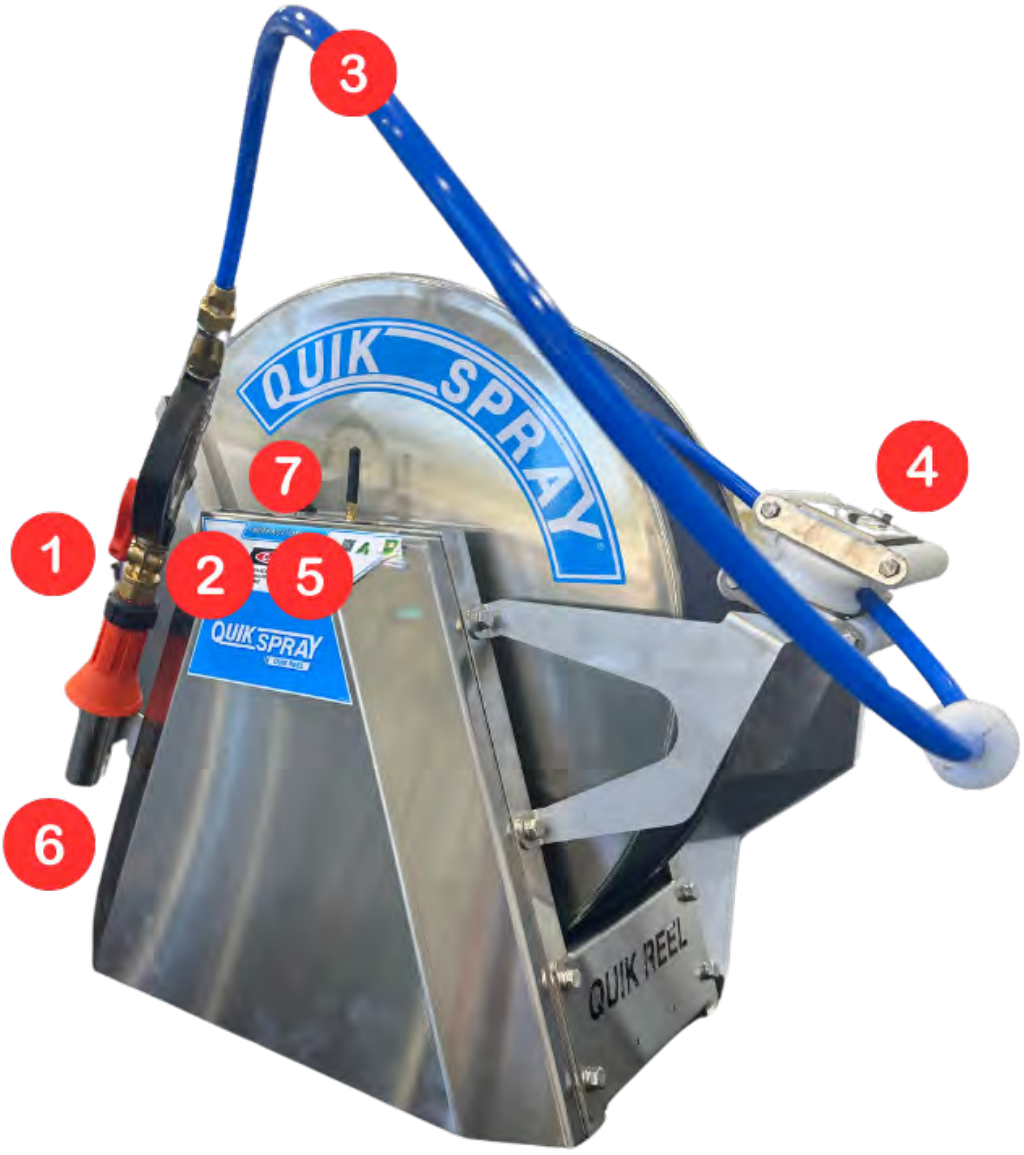
SILVER SERIES REEL SYSTEM



SILVER SERIES DESCRIPTION

1. Tank lid fill inlet
2. UV stabilised tank
3. Supa-Slip® hose
4. Hose roller guides
5. Karin pressure controller
6. Honda motor
7. Forklift tyne pockets
8. Secondary reel location (Twin configuration)

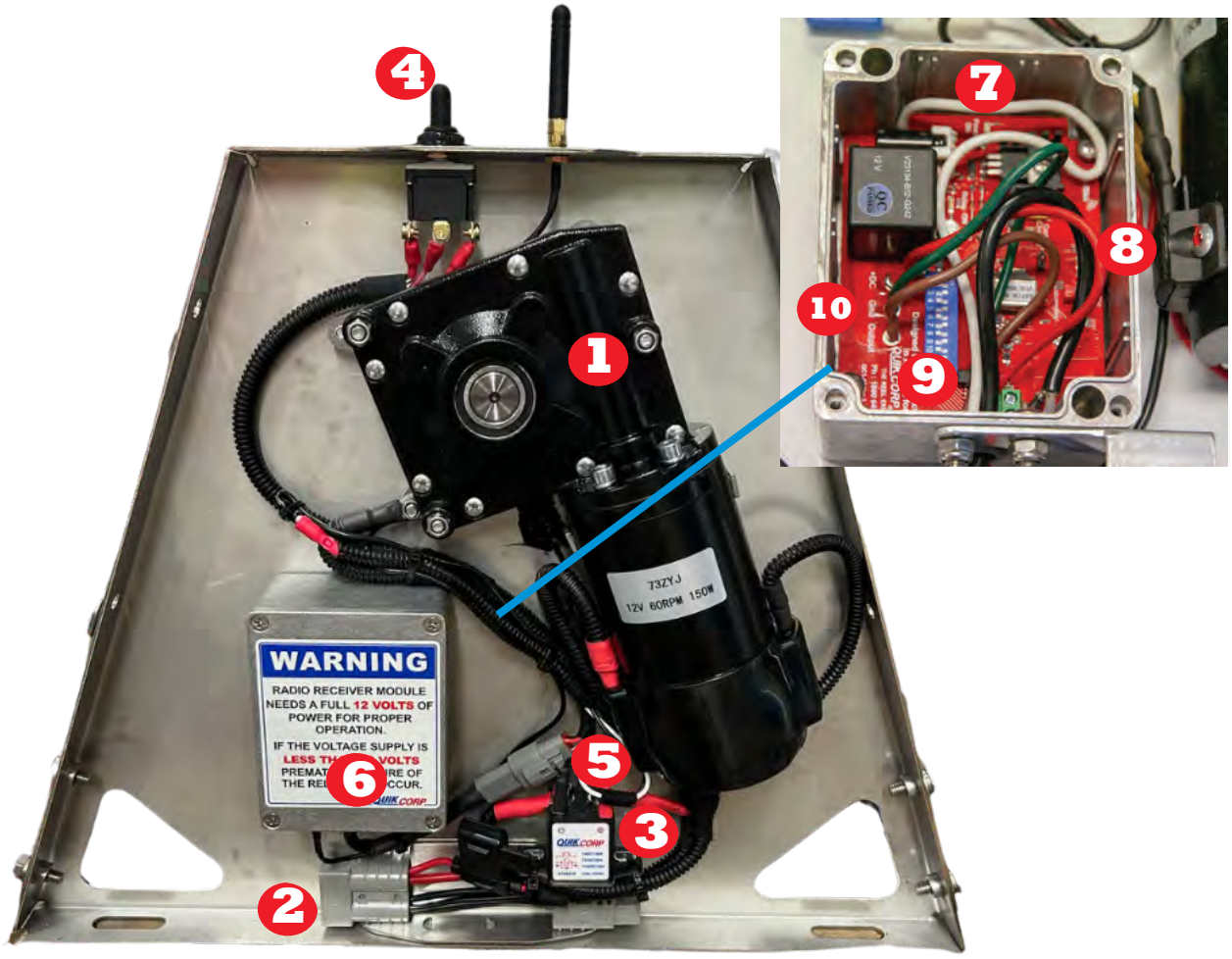
PRODUCT OVERVIEW 12VOLT REEL



*Quik Spray model used.

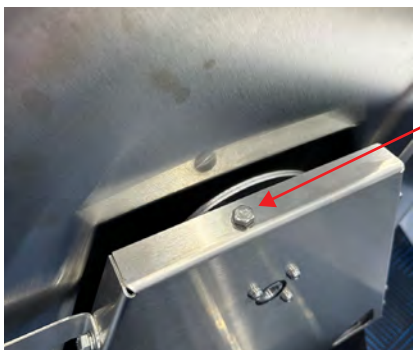
12Volt Reel Description

1. T-400 spray gun (additional accessory)
2. 915 MHz antenna aerial
3. 3/8” ID Supa-Slip® hose (50 or 100m options)
4. Hose roller head guide
5. Aerial base
6. Nozzle holder
7. ON/OFF power switch for radio recevier and manual operation



12Volt Reel Interior Description

1. 12V Motor
2. 50A Anderson plug connection.
3. Resettable circuit breaker 40amp
4. Operation switch momentary on/off
5. Feedback suppression diode
6. 915MHz radio receiver
7. Main receiver board power light
8. 915MHz receiver board function power light
9. Radio receiver dip-switch code (This must match the radio transmitter)
10. Full integrated 915 MHz receiver board with relay and pre-regulator board



Reel drag adjustment bolt. Turn bolt clockwise for more drag when pulling the hose out in steep country. Turn bolt anti clockwise for less drag when pulling the hose out in flat ground. There should be some drag set in any conditions to prevent the hose from continuing to spool out onto the ground when you have stopped pulling the hose out.

UNPACKING YOUR UNIT

When unpacking your new Quik Spray unit, please check it thoroughly for any transport damage that may have occured during transit. Check that all parts and accessories that were ordered, have been included.

- Aerial/s
- Transmitter/s
- Instruction Manual/s

(Honda, Bertolini, Quik Spray)

- All accessories as ordered

MOUNTING YOUR SPRAY UNIT

Mount the machine securely by bolting through all mounting lugs located at the front, middle and rear of the unit. There are 6 in total if supplied with a tank. If not supplied with a tank there are 4. Ensure minimum of 50mm clearance from all sides to prevent damage.

- If your machine was not supplied with a tank you will need to connect the inlet, by-pass and safety valve hoses to the tank you have provided. All hoses and connections must not be less in diameter than the connections on the pump and pressure controller.

- The pump suction side inlet hose must have an inline filter with the capacity of 2.5 times of the flow rate of the pump. Please ensure that hoses do not rub on any moving parts or sharp edges.

- Suction hoses should be fitted in a way to avoid air being drawn into the system. All threaded connections without o-ring seals must be assembled with the PTFE tape, or an equivalent material, to ensure a perfect seal.

FIT AERIALS TO MOUNTING BASES

WARNING

DO NOT OVER-TIGHTEN THE AERIAL TO THE AERIAL BASE

Finger tighten and a tiny bit more, is all that the aerials require to be attached properly. Overtightening the aerials can cause the coax cable to break in the solder cap of the aerial base severing the connection to the aerial. This can result in a radio range of only 20-40 meters rendering the radio receiver incapable of receiving a single through the aerial.

CONNECTING POWER SUPPLY FROM YOUR VEHICLE

To connect your sprayer to a power source, you will need to connect the power supply to your vehicle battery. Connecting the Anderson Plug from your battery supply to the Anderson plug on the Hose Reel as shown here will vary, depending on whether you have a single or twin reel unit and electric or manual start motor. Fit mounting brackets but do not tighten until bracket is bolted to vehicle securely, then tighten.

MANUAL START

Single Hose Reel

1. Insert a 50 amp Anderson Plug from the 12v battery into the Power Supply Anderson Plug on the front of the QR100 Hose Reel.

Twin Hose Reels

1. Insert a 50 amp Anderson Plug from the 12v battery into the Power Supply Anderson Plug on the front of the QR100 Hose Reel.
2. Insert a 50 amp Anderson Plug from the Primary Hose Reel to the Secondary Hose Reel Additional Outlets on the rear of the QR100 Hose Reels. ONLY REQUIRED IF UPGRADING FROM A SINGLE HOSE REEL. IF ORDERED AS A TWIN HOSE REEL THIS CONNECTION HAS ALREADY BEEN INSTALLED.

ELECTRIC START

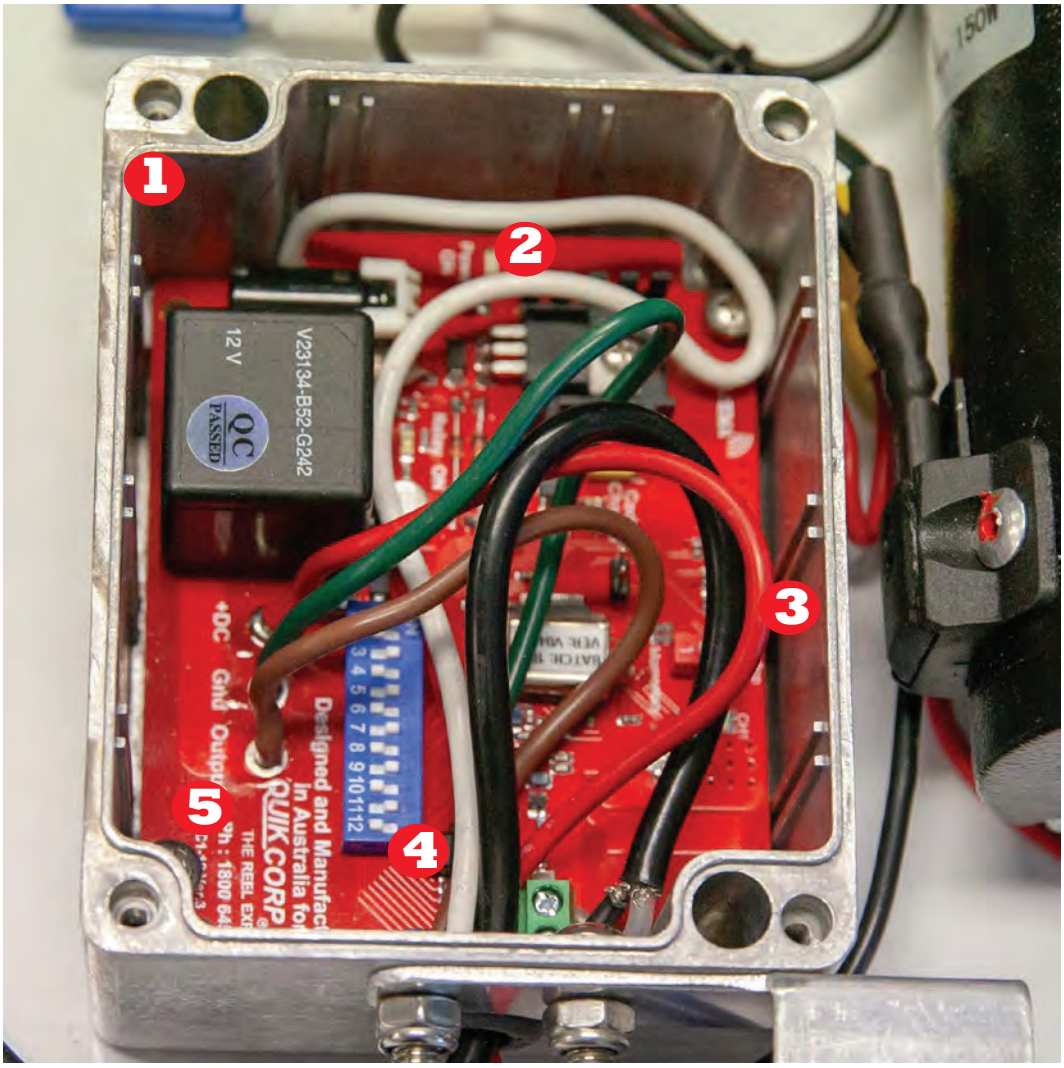
Single Hose Reel with Electric Start

1. Insert a 50 amp Anderson Plug from the 12v battery into the Power Supply Anderson Plug on the front of the QR100 Hose Reel.
2. Insert a 50 amp Anderson Plug from the Electric Starter on the Motor into the Additional Outlet on the rear of the QR100 Hose Reel.

Twin Hose Reels with Electric Start

1. Insert a 50 amp Anderson Plug from the 12v battery into the Power Supply Anderson Plug on the front of the QR100 Hose Reel.
2. Insert a 50 amp Anderson Plug from the Primary Hose Reel to the Secondary Hose Reel on the rear of the QR100 Hose Reel. ONLY REQUIRED IF UPGRADING FROM A SINGLE HOSE REEL. IF ORDERED AS A TWIN HOSE REEL THIS CONNECTION HAS ALREADY BEEN INSTALLED.
3. Insert a 50 amp Anderson Plug from the Electric Starter on the Motor into the Power Supply Anderson Plug on the front of the QR100 Hose Reel.

915 MHz RADIO RECEIVER & TRANSMITTER



Radio Receiver Enclosure

1. 915MHz radio receiver
2. Main receiver board power light
3. 915MHz receiver board function power light
4. Radio receiver dip-switch code (This must match the radio transmitter)
5. Full integrated 915 MHz receiver board with relay and pre-regulator board

TUNING 915 MHZ TRANSMITTER TO RECEIVER

915 MHz

Your 12 volt reel is delivered pre-tuned from the factory. If at some point you need a new radio transmitter or receiver board you will need to follow these instructions to re-tune your system:

1. In the labelled photo description, there is a set of two dip-switch codes (blue panel with small white switches). There is one set on the receiver and one set on the transmitter. These codes can be moved to either the UP or DOWN position.
2. Make sure that both the radio receiver dip-switch code and the radio transmitter dip-switch codes match exactly to each other. This will enable the remote control to communicate with the recevier box, controlling the retraction of your reel.
3. When changing the 9 Volt battery in your radio transmitter make sure not to bump any of the dip-switch codes. This would render your remote control feature unusable until the dip-switch code was put back into its original position.
4. If two or more 915 MHz systems are in use in the near vicinity make sure that the dip-switch codes from one system to the other are different. If they are too close in dip-switch combination radio interference or cancellation can occur from one unit to another.

CAUTION

The working range of Quik Corp Radio transmitters can be affected by the many factors that typically affect all 915 MHz and 433 MHz radio Transmissions. These include operating in the vicinity of high tension power lines, buildings and other obstructions. Interference can also come from other radio transmitters, and certain atmospheric conditions.

A range of 100 meters or more can be achieved under ideal conditions.

RADIO TRANSMITTER

1. Radio transmitter.

Always use a high quality 9 volt battery to power your radio transmitter. Replace the 9 volt battery at least every 3 months (or more frequently with continual use).

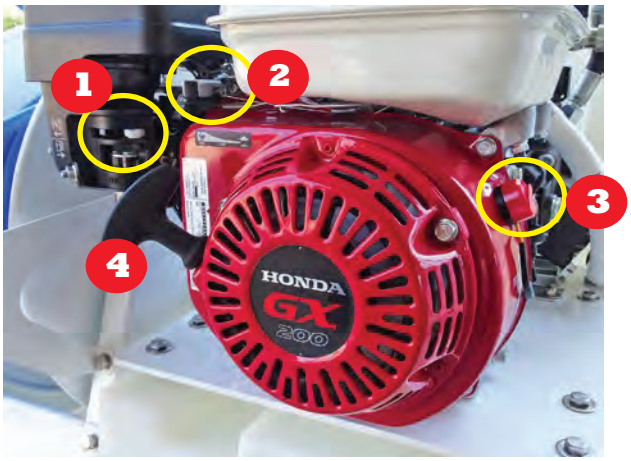
As the battery voltage reduces, the radio range effectiveness will reduce accordingly.

OPERATION INSTRUCTIONS

TURNING ON UNIT - MANUAL AND OPTIONAL ELECTRIC START

1. Ensure pre-operation checklist has been completed.
2. Turn motor ON (3).
3. Turn FUEL to the ON position.
4. Turn CHOKE ON (1).
5. Adjust the THROTTLE to help the engine start (2).
6. Pull start cord (4) OR if fitted, use the electric start by turning the key to the start position (5).
7. Once engine is running, close CHOKE.
8. Adjust revs on the THROTTLE (Rabbit vs. Turtle icon) to set the desired revs on the motor. 2400 RPM is ideal.

MANUAL START



ELECTRIC START

DANGER - HOT SURFACE

Honda motor exhaust will become hot when in use.

CAUTION

Always run the Honda motor at 2400RPM or 3/4 revs. This is optimal revolutions per minute for the pump and 1amp charging coil to recharge the 12volt battery.

OPERATION INSTRUCTIONS

SET PRESSURE & SPRAY

When your unit arrives from the factory, the pressure controller is set at BYPASS. The pressure handle will be OUT. To increase the pressure, you will need to wind the handle IN.

10. With the motor running, switch the controller lever to PRESS (PRESSURE). (Picture shown in BYPASS position)
11. Adjust the handle to set the desired pressure you want to spray with.
    CLOCKWISE = To build pressure ANTI-CLOCKWISE = To reduce pressure (Refer indicators on handle)
12. To direct spray/liquid to the reel/s or fire reel, open the 2-way ball valve/s (Pictured in CLOSED positions).
13. Squeeze the trigger on the spray guns to spray.
14. To close down your spray unit, repeat the above steps in reverse order.

QUIK TIP

Leave hose tap open when shutting down to ensure no pressure is left in the hoses.

OPERATION INSTRUCTIONS

TURNING ON TRANSMITTER

1. Turn radio ON/OFF power switch to the ON position. Assign each operator with a transmitter. If you are using a twin reel system, be sure that each operator is carrying the correct transmitter to their corresponding reel.
2. Quik Spray reels will free-wheel out to the desired distance.

Do not pull the hose out too fast. This may cause the reel to 'run-on' and become tangled.

3. When the operator is ready to retract the hose, press the button on the transmitter to retract the hose back onto the unit reel.

Be aware of strong retraction! Be prepared to release the transmitter button when approaching the reel/s as personal injury or damage to the unit may occur.

4. When operation is complete, turn radio switch to OFF position to prevent the 12 volt battery from discharging.
5. It is recommended that the 12 volt battery be connected to an automatic battery charger when not in use.This will help avoid any damage to the 12 volt battery and help keep the unit working at peak performance.

USING THE TRANSMITTER TO RETRACT HOSE

Ensure all set-up instructions are complete.
When you are ready to operate the reel, turn the radio switch ON and carry the transmitter with the operator.
The reel will free-wheel out to the desired distance.

CAUTION

Do not pull hose out too fast, as the reel may "run on", causing the hose to become entangled.
When you are ready to retract the hose, press and hold the transmitter button to retract the hose back to the unit.

CAUTION

Always ensure the hose is in front of the operator.
To operate the transmitter for retraction, the operator must be at least 2-3 meters away from the unit.

USING THE MANUAL BUTTON TO RETRACT HOSE

For manual retraction of the reel, use the manual switch.
This unit has been designed to operate in a continuous start/stop mode without damage to the unit. Keep tension on the hose when rewinding to enable the hose to slip into the low spot on the reel drum.

TO FLUSH YOUR QUIK SPRAY

1. After use, flush your unit with Quik Flush Tank/Pump Cleaner according to the directions on the bottle. This will ensure your unit is cleaned and lubricated to extend the life of the tank, pump, hoses, diaphragms, o-rings and seals.
2. Rinse tank with clean water through the guns until foaming reduces.

For more information on our range of accessories, please call our friendly sales team on **1800 645 688** or visit our website at **www.intelli-spray.com**

For winter storage, if freezing conditions are expected, empty pump completely and flush with a mixture of water and anti-freeze to prevent irrreparable damage to your unit.

PARTS LIST

PART NUMBER	DESCRIPTION	QTY PER UNIT	APPLICABLE MODEL
1088000	Battery 9V Transmitter	1	QR100P, QR200P
1136000	Bearing RFR-Self Guide 6005 LLU	1	QR100P, QR200P
2411000	Clamp Alligator Battery (pair)	1	QR100P, QR200P
2955000	Fitting Compression 1/2"OD-3/8"ID Gun Complete	1	QR100P, QR200P
2980000	Fitting Compression 1/2"OD Reel Complete	1	QR100P, QR200P
3250000	Hose Stopper Nylon 1/2 ID	1	QR100P, QR200P
3256700	Hose Guide & Rollers Complete	1	QR100P, QR200P
4423303	QR100P Motor Cover	1	QR100P
4423309	QR100P Hose Guide Bracket	1	QR100P
4423310	QR100P Jump Off Bar	1	QR100P
4423311	QuikReel SS Waterway shaft	1	QR100P, QR200P
4423315	QR100P Water Shaft Plate	1	QR100P, QR200P
4423316	QuikReel Friction Brake	1	QR100P, QR200P
4423321	QR100P Friction Brake Crush Tube	1	QR100P, QR200P
4423325	Wiring Loom QR100P	1	QR100P, QR200P
4429430	Radio Receiver - 1 Channel 915MHz - With relays	1	QR100P, QR200P
4441200	Radio Transmitter 915MHz	1	QR100P, QR200P
4441210	Antenna SMA to SMA bulk head	1	QR100P, QR200P
4441211	Antenna cable SMA bulkhead to bare	1	QR100P, QR200P
4441212	915 Antenna SMA short	1	QR100P, QR200P
4442000	Radio Transmitter Face (Quik Corp)	1	QR100P, QR200P
4480000	Radio Transmitter Pouch STD	1	QR100P, QR200P
4745016	Solenoid 150A 12VDC N/O; Diode protected	1	QR100P, QR200P
4874210	Sticker Kit : QR100P "Quik Spray"	1	QR100P
4875600	Sticker Radio Receiver RS-SM Gen 2	1	QR100P, QR200P
4881031	Switch Toggle 12mm , 3 pins , (ON)-off-ON , screw terminal	1	QR100P, QR200P
4881100	Switch Toggle Rubber Boot M12 x 0.75mm	1	QR100P, QR200P
4900030	Swivel Hose Reel SS 3/8	1	QR100P, QR200P
5658430	QR Reel/Unit 12v Supply Cable w/ Fuse	1	QR100P, QR200P
G1001915	GP Remote Hose Reel Spray Gun Holder Assembly	1	QR100P, QR200P
3395600	Motor 12VDC 90° 60rpm 300W Custom Shaft	1	QR100P, QR200P
1938703	12VS Motor Cover	1	QR200P
1938705	12VS Hose Guide Bracket	1	QR200P
1938706	12VS Jump Off Bar	1	QR200P

PARTS LIST

PART NUMBER	DESCRIPTION
	GX200 Spares
3455008	Air filter element
3455020	Spark plug Honda
	PA430.1 Spares
4130000	Diaphragm standard
4120000	Diaphragm desmopan
4140000	O'Ring & Seal kit
4150000	Valve kit
4115000	O'Ring, seal & valve kit
4178700	Viton Diaphragm & Seal kit
	PA530.1 Spares
4183000	Diaphragm standard
4182010	Diaphragm Duramax
4183100	Diaphragm Viton
4184000	O'Ring & Seal kit
4185000	Valve kit
4181500	O'Ring, seal & valve kit
	Karin controller
2639610	Karin repair kit
2639620	Bypass lever
5450001	Ball valve RHS
5450000	Ball valve LHS
3150000	Pressure Gauge 40 bar

TROUBLE SHOOTING

PUMPS AND PRESSURE CONTROLLER

PROBLEM	PROBABLE CAUSE	REMEDY
Pump does not deliver pressure	**If good flow is being achieved from bypass back to the tank**	
	Sting pressure regulator not set for pressure	Set the lever to PRESS and adjust the handle
	Damaged or worn seat or spring in pressure regulator	Replace with sting repair kit of new spring
	Sticking pressure regulator slide	Remove slid and lubricate with marine grease
	Spray nozzle/s worn, missing, or exceeding pump capacity	Replace spray nozzle/s with correct size
	If irregular flow from by-pass to tank	
	One of more of the pump valves not seating	Clean or replace valves
	Sucking air though the suction line, suction fittings or filter	Examine and repair
	Air has not been entirely evacuated from the pump	Run pump in the BYPASS mode unitl all air is evacuated
	Blocked suction filter or ball valve closed	Clean filter or open ball valve
	Motor to pump drive belts loose/broken or direct coupling damaged	Tension belts or replace. Replace direct coupling sprockets and chain
	Ruptured spray hoses or fittings	Repair or replace
Pump delivers insufficient pressure	**If hoses are jumping**	
	One or more of the pump valves not seating properly	Clean or replace valves
	Diaphragm split (Oil will go milky in colour)	STOP PUMP! Replace all 3. See pump manual
	Air has not been entirely evacuated from the pump	Run pump with lever in BYPASS position until all air has been evacuated
	Sucking air through the suction line or filter	Examine and repair
	Oil lever is low	Top up with SAE30 or 10W30

TROUBLE SHOOTING

PUMPS AND PRESSURE CONTROLLER contd.

Pump delivers insufficient pressure	**If hoses are not jumping**	
	Damaged or worn seat or spring in the pressure regulator	Replace
	Sticking pressure regulator slide	Remove slide and lubricate with marine grease
	Spray nozzle/s worn, missing or exceeding the pump capacity	Replace nozzle/s with correct size
	Motor to pump drive belts loose/broken or direct coupling damaged	Tension belts or replace. Replace direct coupling sprockets and chain
	Leaking hoses or fittings	Repair or replace
Pump is noisy	Oil level is low	Top up with SAE30 or 10W30
	Sucking air or air in the pump	Examine and repair
	Blocked filter	Clean filter
Oil is changing colour to white or oil is in the spray hose	One or more diaphragms are split	STOP PUMP! Replace all 3. See pump manual
Water returning to tank through the safety valve hose	Worn safety valve (pressure adjusted too high)	Replace safety valve
T400 gun leaking	Worn seat or seal in the handle	Replace with T400 repair kit

MACHINE SPECIFICATIONS

	Silver Series
Reels	1 or 2
Horsepower	6.5
Honda Motor	GX200
Bertolini Pump	PA430
Litres p/min (max)	40
PSI (max)	580
PSI (max working)	400
Electric Start	Optional
12 Volt battery	No
Flow at 100m 100PSI	9.3 litres per minute
Flow at 100m 200 PSI	12.1 litres per minute
Flow at 100m 250 PSI	14.2 litres per minute
Flow at 100 m 300 PSI	15.5 litres per minute
Flow at 100m 400 PSI	18.2 litres per minute
Weight 1 Reels Weight 2 Reels Weight 1 Reels Weight 2 Reels	QR200 104KG QR200 138KG QR400 114KG QR400 148KG
Length*	900 mm
Width*	1050 mm
Width including brackets	1170 mm
Height*	920 mm
Colour	Stainless Steel, White & Blue
Remote control MHz	915MHz

MAINTENANCE

DAILY

1. Clean inline filter.
2. Check oil level in pump.
3. Check oil level in engine.
4. Check all hoses and fittings for leaks.

20 HOURS

1. Check water in the 12 volt battery (if fitted).
2. Recharge 12 volt battery if necessary.
3. Replace 9 volt battery in transmitter/s if radio range has decreased.
4. Check aerials and bases.
5. Wash off any salt.
6. Flush unit with Quik Flush according to directions on bottle.

YEARLY

1. Overhaul pump according to pump manual.
2. Inspect pressure controller valve and diaphragm, replace if necessary.
3. Inspect all bolts, nuts, and fittings. Tighten or replace if necessary.
4. Make sure all safety guards and decals are in place and functional.
5. Replace 9 volt battery in transmitter/s.
6. Inspect wiring loom for damage.
7. Service engine according to engine manual
8. Test 12 volt battery voltage output. Ensure it is close to 12.5 volts for optimal radio receiver performance.

OPTIONAL INTELLI-SPRAY ACCESSORIES

There are a variety of accessories you can add to your Intelli-Spray unit.

- Aerial springs
- T400 spray gun
- Quik Flush pump and tank wash concentrate
- Projecta 12 volt automatic battery charger 1600mA

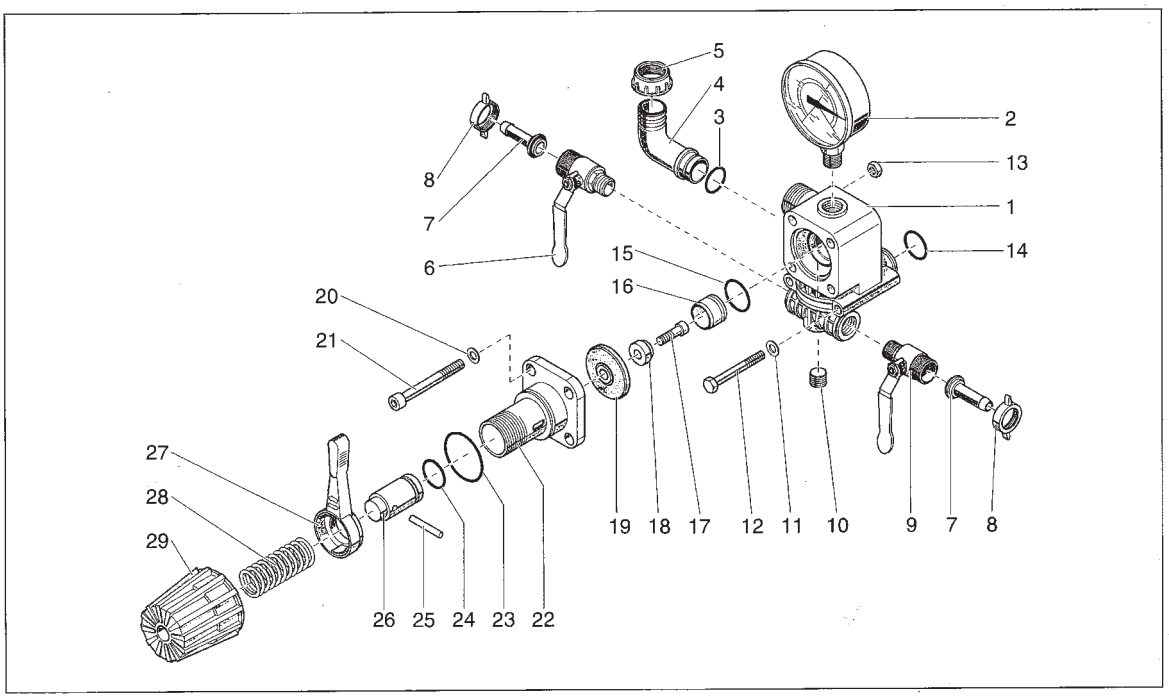
For more information on our range of accessories, please call our friendly sales team on **1800 645 688** or visit our website at www.intelli-spray.com

PARTS DIAGRAMS

KARIN PRESSURE CONTROLLER PARTS EXPLOSION

REGOLATORI DI PRESSIONE IN PRODUZIONE - *PRESSURE REGULATORS CURRENTLY PRODUCED*

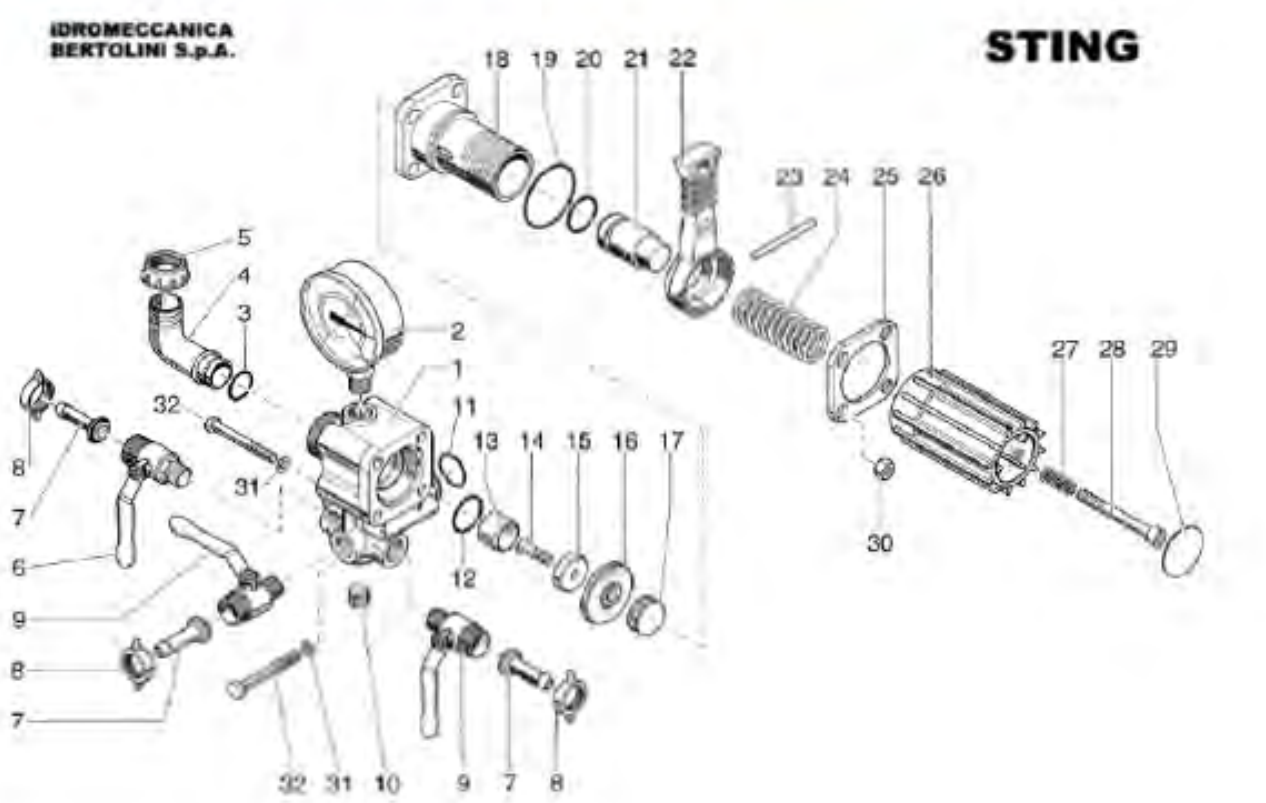
KARIN



| KIT RICAMBI - *SPARES KIT* KARIN | | |

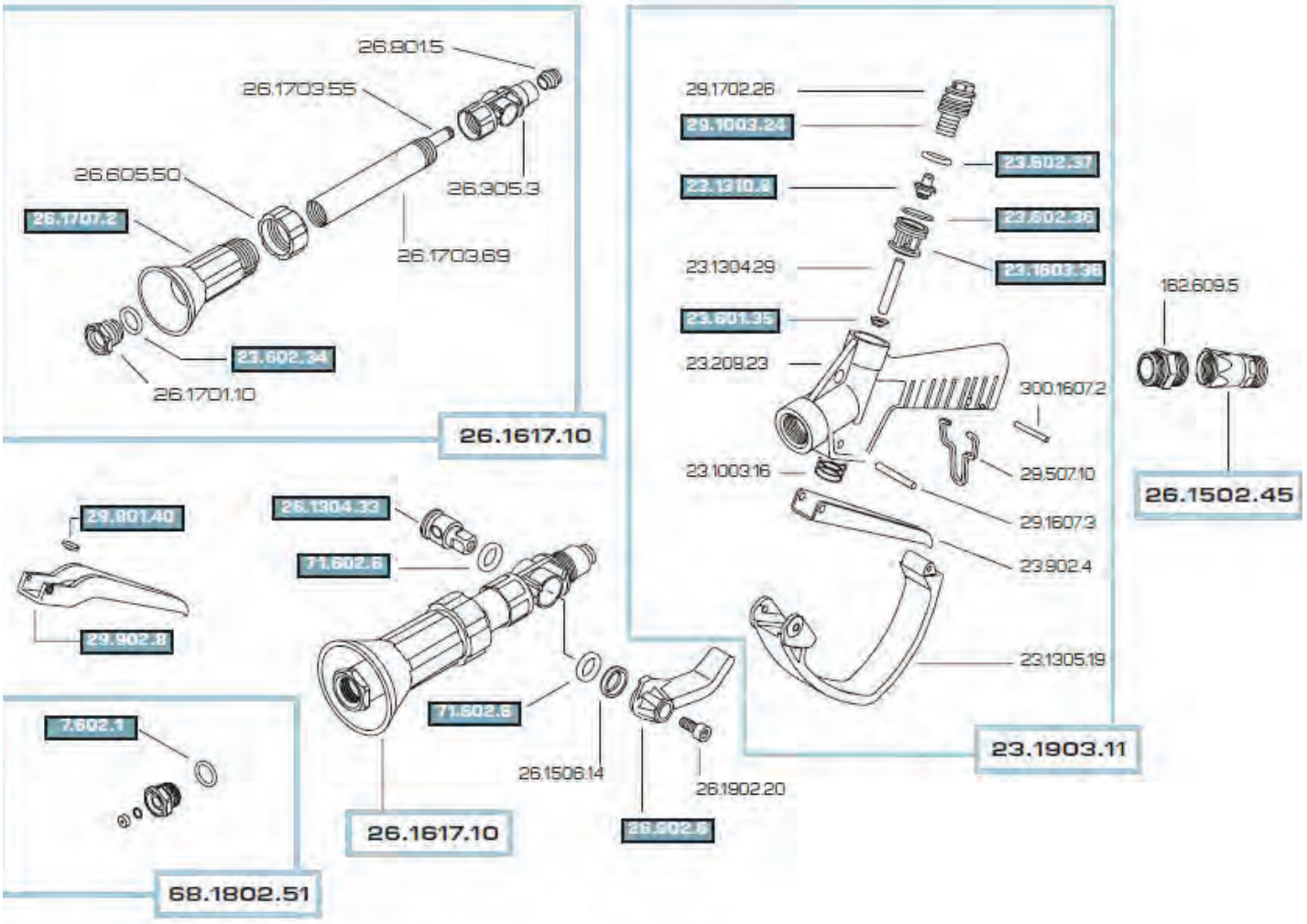
PARTS DIAGRAMS

STING PRESSURE CONTROLLER PARTS EXPLOSION



PARTS DIAGRAMS

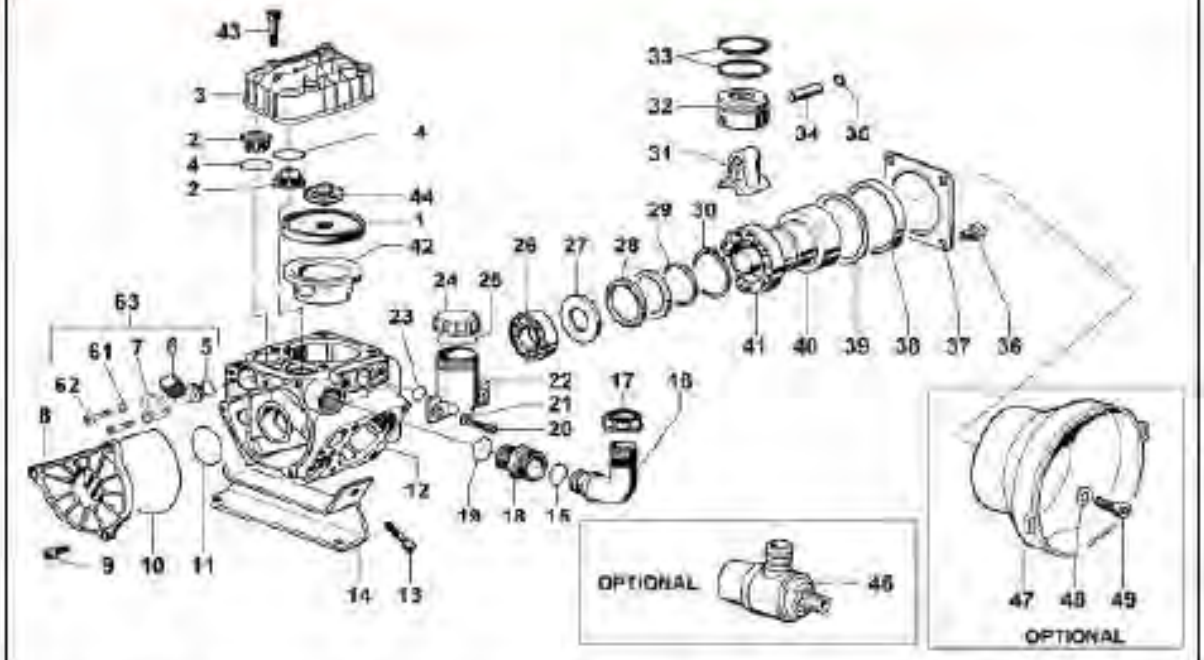
T-400 NOZZLE PARTS EXPLOSION



PARTS DIAGRAMS

PUMP PA430 PARTS EXPLOSION

PA 430.1

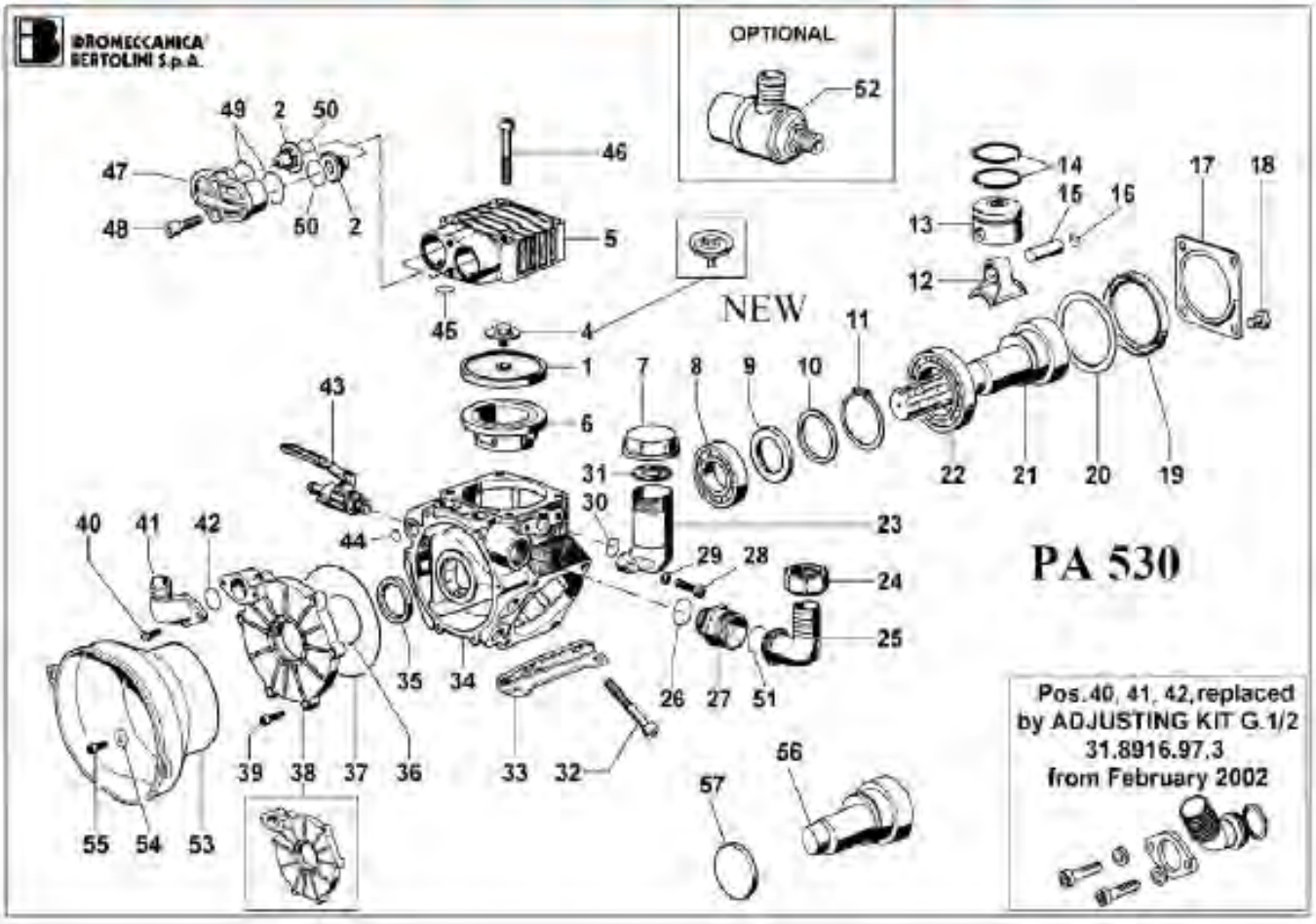


POS.	CODICE PART NO. REF.	DENOMINAZIONE - DESCRIPTION DESCRIPTION	QTY
1	[illegible]	PISTON DIAPHRAGM	3
1	[illegible]	DIAPHRAGM PISTON DIAPHRAGM	3
1	[illegible]	HPS PISTON DIAPHRAGM	3
2	[illegible]	VALVE ASSY	6
3	[illegible]	HEAD	3
4	[illegible]	VALVE SEAL	6
5	[illegible]	O-RING 3,2x42	3
6	[illegible]	OUTLET FLANGE G 1/2	1
7	[illegible]	FLANGE	1
8	[illegible]	SUCTION COVER	1
9	[illegible]	SCREW M6x1.0 UNI5931	3
10	[illegible]	O-RING 2,62 OUT	1
11	[illegible]	O-RING 2,62 [illegible]	1
12	[illegible]	CRANKCASE	1
13	[illegible]	SCREW M6x1 UNI5931	6
14	[illegible]	MOUNTING RAIL	2
15	[illegible]	O-RING 2,62x22	1
16	[illegible]	90° ELBOW CONNECTOR G1/4-1"	1
17	[illegible]	RING NUT M24	1
18	[illegible]	NIPPLE G3/4-M24	1
19	[illegible]	O-RING 2,62x35,07	1
20	[illegible]	SCREW M8x50 UNI5931	2
21	[illegible]	WASHER DIA.8 UNI6592	2
22	[illegible]	OIL FILLER	1
23	[illegible]	O-RING 3,53x19,69	1
24	[illegible]	OIL FILLER CAP	1
25	[illegible]	GASKET DIA.[illegible]	1

POS.	CODICE PART NO. REF.	DENOMINAZIONE - DESCRIPTION DESCRIPTION	QTY
26	[illegible]	BEARING DIA.20X30X15	1
27	[illegible]	SPACER	1
28	[illegible]	CONROD RING	1
29	[illegible]	SPACER	1
30	[illegible]	CRANKSHAFT	1
31	[illegible]	CONROD	3
32	[illegible]	PISTON	3
33	[illegible]	PISTON RING	3
34	[illegible]	PISTON PIN DIA. 10	3
35	[illegible]	RING DIA. 10	6
36	[illegible]	SCREW M10X15 UNI5739	4
37	[illegible]	COVER	1
38	[illegible]	OIL SEAL DIA.[illegible]	1
39	[illegible]	SPACER	1
40	[illegible]	CRANKSHAFT	1
41	[illegible]	BEARING DIA.[illegible]	1
42	[illegible]	PISTON SLEEVE	3
43	[illegible]	SCREW M5x60 UNI923	6
44	[illegible]	KIT DIAPHRAGM WASHER SCREW A01210	3
45	[illegible]	SAFETY VALVE 40bar (OPTIONAL)	1
47	[illegible]	PLAIN SAFETY CONE (OPTIONAL)	1
48	[illegible]	WASHER DIA. [illegible] (OPT ONLY)	4
49	[illegible]	SCREW M10x30 UNI5931 (OPTIONAL)	4
61	[illegible]	WASHER DIA [illegible]	2
62	[illegible]	SCREW M6x16 UNI923	2
63	[illegible]	KIT O-RING	1

PARTS DIAGRAMS

PUMP PA530 PARTS EXPLOSION

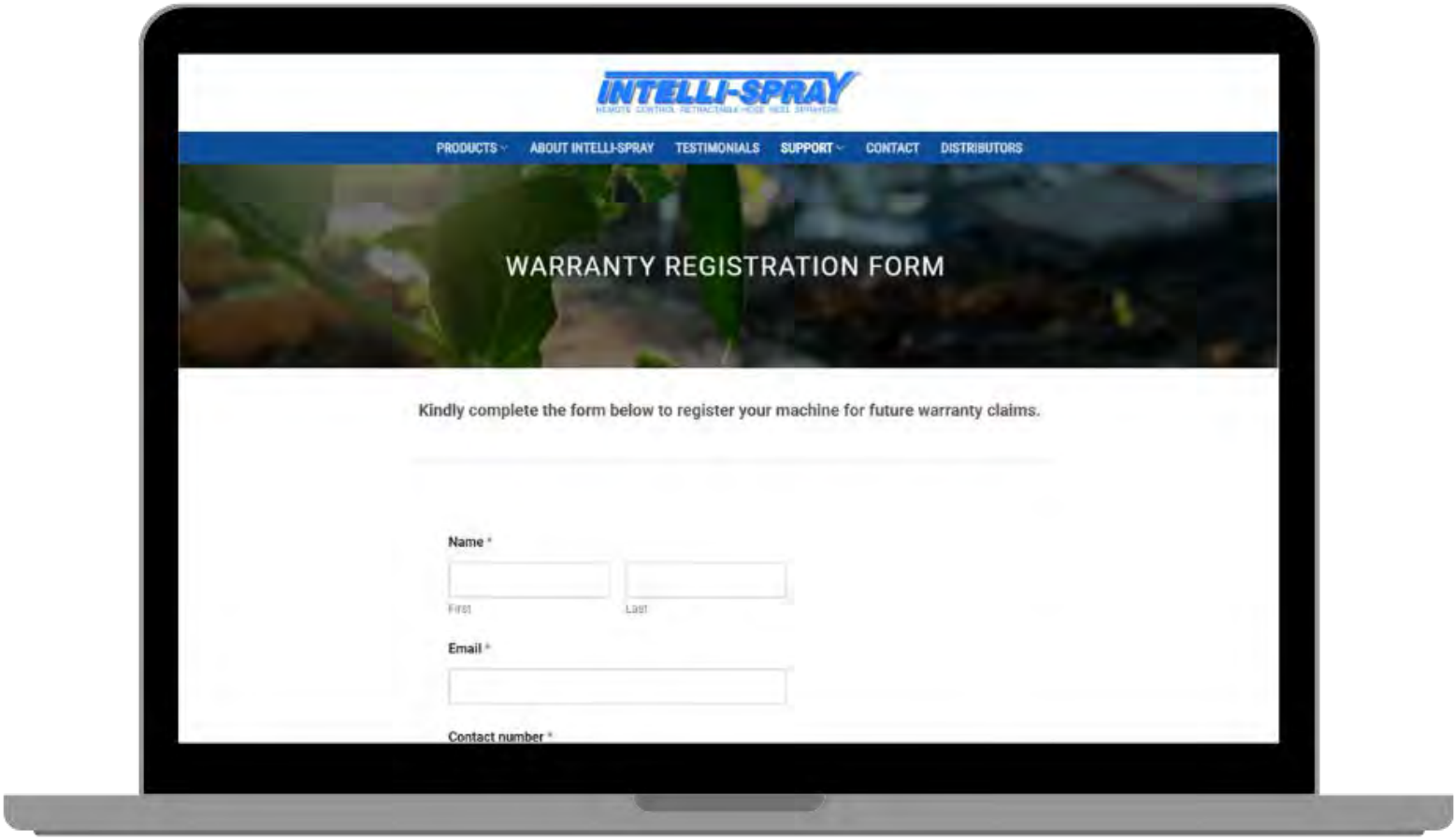


WARRANTY REGISTRATION

To activate your Intelli-Spray unit warranty, please register your product online. Registration is quick and easy. Head to: intelli-spray.com/warrantyregisterform

To complete the following form, you will need the following details at hand:

- Full Name
- Email Address
- Contact Number
- Location
- Distributer Name
- Machine Model
- Serial Number (This can be found on your machine as shown in this photo)
- Date of Purchase



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Warranty Policy

This document sets out the warranties that are given by Quik Corp Pty Ltd (ABN 18 081 235 556) in relation to the Product purchased from or manufactured by Quik Corp.

1. Definitions

1.1. In this warranty policy: “Quik Corp” means Quik Corp Pty Ltd (ABN 18 081 235 556); “Customer” means the party who originally acquired the Product from Quik Corp, or an authorised distributor, reseller or dealer for Quik Corp, for their own use.

“OEM Equipment” means the items of equipment fitted to the product by Quik Corp and which items have been manufactured by others and have their own manufacturer’s warranty.

“Product” means the goods or machinery that the Customer acquired, and which were manufactured by Quik Corp.

“Date of Delivery” means the date on which the Product is physically delivered to the Customer at the address specified in the order, or collected by the Customer from Quik Corp or an authorised distributor, reseller or dealer, whichever occurs first.

2. Warranty

2.1. Subject to clause 3 and clause 4, Quik Corp warrants to the Customer that the Product will be free from proven defects in material and workmanship for twelve months from the Date of Delivery, unless a specific warranty period applies to a component listed in Appendix A.

2.2. The warranty is not transferable.

3. Limitations

3.1. This warranty does not cover damages resulting from shipping and handling, abuse, accidents, alterations, normal wear or failure to maintain or use the Quik Corp product with due care.

3.2. Quik Corp does not warrant that the operation of the product will be uninterrupted or error free. The Customer must read and follow all instructions and manuals for the setup, maintenance and use of the Product. If the Customer fails to do so, the product may not function correctly and may suffer other damage.

3.3. This warranty does not extend to OEM equipment which has its own warranty, and the Customer must rely on the OEM equipment warranty for any defects in material or workmanship relating to the OEM equipment.

3.4. This warranty does not extend to cover corrosion due to any cause nor to any damage to painted or anodised surfaces that occurs after the Customer takes delivery of the product.

3.5. This warranty does not cover time required to diagnose a warranty problem, this includes delays from the customer to respond to communication or sending required machines or parts for evaluation.

3.6. The use of parts not supplied or approved by Quik Corp may void the warranty in respect of any defect or damage caused or contributed to by such parts. Where genuine Quik Corp parts are available, Quik Corp recommends their use for all repairs to warranted components.

3.7. Repairs carried out by an unauthorised agent may void the warranty in respect of any defect or damage caused or contributed to by such repairs. Quik Corp strongly recommends that all warranty-related repairs be carried out by Quik Corp or an authorised Quik Corp Dealer/Service Agent.

3.8. Subject to any rights or remedies the Customer may have under applicable consumer protection laws, this warranty does not cover transportation, freight, insurance, or other costs associated with returning the Product or parts

for assessment, repair, or replacement under this warranty where the claim is not covered by this warranty or where no defect is found.

3.9. The time taken to remove and re-install a warranted part or component into other brands of equipment will not be covered by the Quik Corp warranty. Only parts and labour directly attributable to the repair of the Quik Corp unit is covered.

3.10. Quik Corp does not pay for cleaning, or clean the Product, accessories or work area before or after the warranty repair.

3.11. Quik Corp assumes no responsibility for improper choice of models or where products are used in excess of rated capacities and design functions, or under abnormal conditions. We make available a free technical service to help with any product selection, application or situation.

3.12. Where the Customer has acquired the Product for the purposes of a business, trade, or profession, applicable consumer protection legislation — including the Australian Consumer Law (Schedule 2 of the Competition and Consumer Act 2010 (Cth)), the New Zealand Consumer Guarantees Act 1993, and equivalent state, territory, or national legislation — does not apply to the supply of the Product, and the warranty coverage provided under this Policy constitutes the Customer's sole warranty remedy. Nothing in this clause affects any rights or remedies that cannot lawfully be excluded under applicable law.

4. Repair or Replace

4.1. During the warranty period, authorised Dealer/Service Agent shall repair or replace, at Quik Corp's discretion, without charge for parts and standard labour, any part of the Quik Corp Product which fails because of defects in material or workmanship unless the damage arises from:

4.1.1. Failure resulting from neglect or misuse, such as improper operation, lack of required maintenance or continued use of the Product after the discovery of a defect which results in greater damage to the Product.

4.1.2. Deteriorated or failed components such as but not limited to diaphragms, O-rings, hoses, seals, electrical wiring and connections damaged by corrosive chemicals, dirt and sand, excessive heat or moisture. The Customer should ensure the type and strength of chemicals used in the Product are compatible with the design of the Product.

4.1.3. The use of accessories, hardware, or software which were not manufactured by, installed by or approved in writing by Quik Corp.

4.1.4. The use of consumable items such as but not limited to oils, lubricants, diaphragms, O-rings, hose seals, gaskets, filter elements, flow meters, clutches, drive belts, pivot pins, paint, batteries, reel friction brakes, switches, hose rollers, spray guns and nozzles, as these items are considered to be normal wear items and are not warranted.

4.1.5. Component failure caused by not performing scheduled maintenance service such as oils, grease, failure to clean tanks, pumps, filters, spray lines, nozzles or any other components and not tightening or replacing loose or missing bolts, nuts, fittings, shields and covers.

4.1.6. Damage or machine failure caused by carelessness or accidental damage, improper operation, inappropriate transportation or storage of the Product. Please refer to the machine's user manual for proper operation guidelines.

4.1.7. Any contamination or leakages caused or induced by the Customer.

4.1.8. Any use or operation of the Product outside the physical, electrical or environmental specifications of the Product.

4.1.9. Any alterations, modifications, attachments or unauthorised repairs to the Product which have not been authorised in writing by Quik Corp; and

4.1.10. Failures due to faulty or inadequate electrical sources of power.

4.1.11 Damage caused by remaining water or liquid products left on any parts of the machine under freezing temperatures. This includes but it is not limited to, filters, pumps, tanks and hoses.

5. OEM Warranties

5.1. All OEM (Original Equipment Manufacturer) components are covered by the Original Manufacturer's Warranty. It is the Customer's responsibility to familiarise themselves with these warranties, and subject to clause 7, that is the only warranty given to the customer in respect of that part of the Product.

6. Statutory Rights and Exclusions

6.1. New Zealand. If the Product has been acquired for the purposes of a business, then pursuant to section 43(2) of the Consumer Guarantees Act 1993 ("CGA") it is agreed that the provisions of the CGA do not apply. To the fullest extent permitted by law in New Zealand, Quik Corp excludes any liability for any direct or indirect loss or damage of any kind arising from the Product, including consequential loss or damage or loss of profits, and loss or damage arising from the negligence of Quik Corp's employees and agents. The warranty is personal to the Customer and cannot be transferred to a subsequent purchaser (although the purchaser, in some circumstances, may have rights under the CGA or the Sale of Goods Act). These exclusions do not exclude Quik Corp's liability in respect of any warranties or guarantees implied by any relevant legislation in New Zealand which cannot legally be contracted out of.

6.2. Australia. Nothing in this warranty policy excludes, restricts, or modifies any consumer guarantee, right, or remedy to which the Customer may be entitled under the Australian Consumer Law (Schedule 2 of the Competition and Consumer Act 2010 (Cth)). Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. The Customer is entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. The Customer is also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

7. Warranty Claim Procedure

7.1. To obtain warranty service:

7.1.1. The Warranty Registration Online Form must be submitted to Quik Corp by the Customer within 14 days of the Date of Delivery. Quik Corp may, at its discretion, accept late warranty registrations where the Customer can demonstrate reasonable cause for the delay.

7.1.2. The Customer must read the Operating manual before operating the Product.

7.1.3. All freight damage claims must be reported within the first 48 hours of the Date of Delivery. Please unwrap your unit for inspection immediately and report any damage including photographs.

7.1.4. The Customer must provide Quik Corp with notice of the defect within the warranty period and within a reasonable time of discovering the claimed problem, and must allow reasonable time for replacement or repair. As a guide, Quik Corp expects notification within 30 days of discovering a defect. The warranty claim process may take between 2–4 weeks depending on the parts involved and may be longer if the OEM has longer lead times.

7.2. Quik Corp may, at its discretion, request the Customer to deliver the alleged defective parts to an authorised servicing Dealer/Service Agent or to Quik Corp. Transportation of the Product to the authorised servicing Dealer/Service Agent or Quik Corp for warranty work is the responsibility of the Customer and is at the Customer's expense. Alternatively, the Customer may request a Quik Corp service technician to travel to the site of the Product to effect repairs or replacement, however the reasonable travel costs (including traveling time) of the service technician must be paid for by the Customer.

7.3. Any service outside the scope of this warranty will be charged for at Quik Corp's rates and terms then in effect.

8. Other

8.1. This warranty is in lieu of all other warranties (except those of title), expressed or implied, and there are no warranties of merchantability or fitness for a particular purpose.

8.2. Unless the Product has been purchased for personal, domestic or household use, any liability of Quik Corp to the Customer arising under statute which may not be excluded, restricted or modified by agreement is limited to an amount equal to, as determined by Quik Corp:

8.2.1. Replacement of the Product or supply of equivalent Product.

8.2.2. The repair of the Product.

8.2.3. The payment of the cost of replacing or repairing the Product; or

8.2.4. Refund of the purchase price paid by the Customer.

8.3. Subject to clause 7.2, in no event shall Quik Corp or the authorised Dealer/Service Agent be liable for any loss of profit or any consequential, indirect or special loss, damage or injury of any kind whatsoever arising directly or indirectly from the Product or any defect.

8.4. The benefits under this Warranty are in addition to other rights and remedies under a law in relation to the Product.

8.5. The judgement of Quik Corp in all cases of claims under this warranty shall be final and conclusive and the Customer agrees to accept its decisions on all questions as to defect, repair and to the exchange of any part or parts.

Appendix A:

1. Bertolini Pumps – The standard warranty period is 6 months from the Date of Delivery. Where the Customer uses Quik Flush pump and tank cleaner from new (i.e. from the date of first use of the Product), the warranty period is extended to 24 months from the Date of Delivery. To be eligible for the extended 24-month period, evidence of Quik Flush usage must be provided upon request.

2. Honda Motors – Honda engines are covered by Honda's own manufacturer warranty of up to 3 years. Customers must register their Honda engine and direct all engine warranty claims to their nearest authorised Honda dealer. Refer to the Honda Engine Manual supplied with the Product for full terms, conditions, and the registration process.

3. Radio Receiver – Warranty period is 12 months from the Date of Delivery on all models. This warranty covers manufacturing defects only and does not cover damage resulting from immersion in liquid, physical impact, or exposure to corrosive chemicals.

4. Steel Frame / Structural Integrity – The powder-coated steel frame and skid chassis of the Product are warranted against defects in material and workmanship for 5 years from the Date of Delivery. This warranty covers structural integrity only and does not include surface coating, corrosion, or damage resulting from chemicals, physical impact, or improper use or storage.

5. Kohler Diesel Engines – Kohler engines are covered by Kohler's own manufacturer warranty. Customers must direct all engine warranty claims to their nearest authorised Kohler dealer. Refer to the Kohler Engine Manual supplied with the Product for full terms, conditions, and the registration process.

6. UV-Stabilised Poly Tank

– Subject to the conditions below, the UV-stabilised polyethylene tank supplied with the Product is warranted against defects in material and workmanship for the lifetime of the Product. This lifetime warranty applies only where: (a) the Customer has submitted the Warranty Registration Online Form within 14 days of the Date of Delivery; and (b) the Product has remained in the continuous ownership of the original Customer and has not been sold, transferred, or hired to any other party. This lifetime warranty does not cover: tanks used for diesel fuel, petroleum products, or chemicals that are incompatible with the tank material; UV degradation caused by aftermarket coatings, wraps, or covers applied to the tank; or physical damage, impact damage, or damage resulting from improper use, storage, or transportation. Applicable to units ordered on or after 1 June 2026 only.

Note on Warranty Registration (Appendix A, Item 6): Failure to submit the Warranty Registration Online Form within 14 days of the Date of Delivery will not affect the Customer's rights under the 12-month base product warranty set out in clause 2.1, but will result in forfeiture of the lifetime warranty applicable to the UV-Stabilised Poly Tank under item 6 of this Appendix A, unless Quik Corp accepts a late registration at its discretion under clause 7.1.1.

Document Revision History

Version	Date	Summary of Changes
1.0	July 2024	Original issue.
2.0	June 2026	Effective date notice added (units ordered on/after 1 June 2026). Lifetime UV-stabilised poly tank warranty introduced (Appendix A item 6, conditional on original ownership and registration). Steel frame warranty wording clarified (item 4). Bertolini pump and Honda engine warranty wording improved (items 1–2). Kohler diesel engine added (item 5). Radio Receiver warranty improved and exclusions clarified (item 3). Date of Delivery defined and standardised across all warranty periods. ACL consumer guarantee clause added (clause 6.2). NZ clause 6.1 subheading clarified. Clauses 3.6 and 3.7 reframed for ACL compliance. Clause 4.1.4 consumables list corrected (radio components removed as separately warranted). Clause 7.1.1 discretionary late registration waiver added. Clause 7.1.4 defect notification window changed to reasonable time. Clause 8.2 typo corrected. Clause 3.3 typo corrected. Various minor grammar and punctuation corrections throughout.
2.1	June 2026	Minor policy amendments. Applicable to units ordered on or after 1 June 2026.

YOUR NOTES