



K9000 Compact Operators Manual



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Explanation of symbols used in this manual

	Warning
	Tip
	Important - Take note
	Regulatory Compliance Mark

Date	Summary of Changes	Sections Changed/Added	Author/s	Version
14/08/2017	1 st Edition	All as new model	Phil Worrell	V1.0
13/12/2018	New EJ pump exploded view	4.1.4	Phil Worrell	V2.0
08/04/2019	New How to videos added	11.2	Phil Worrell	
22/05/2019	How to open coin mech & added error codes	5.1.4, 5.1.5 & 5.1.6	Phil Worrell	V3.0
21/05/2020	Amended 12 mth maintenance schedule to add pump flushing & new video location	10.1 & 11.2	Phil Worrell	V4.0
28/05/2020	Name changed from Mini to Compact, introduced ES pumps, Safety re open wounds,	Various Section 4 (various) Section 11	Phil Worrell	

Version	4.0
Status	Published
Date	09/06/2020
Author/s	Phil Worrell
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1 K9000 Compact Inspection and Acceptance on Delivery:

Inspect the K9000 Compact Dog Wash (K9000 Compact) on arrival and prior to unwrapping to ensure there is no travel damage. If there is any damage, please contact Tru Blu Dog Wash before accepting delivery.



Caution should be taken when the K9000 Compact has been delivered and is being unloaded. The K9000 Compact weighs approx. 170kg. Ensure a qualified operator of the unloading equipment is used to lift or move the K9000 Compact Dog Wash.

The K9000 Compact (Within Australia) is first bubble wrapped and then wrapped in black plastic cargo wrap. It is secured to the pallet with a tie down strap over the cabinet and 6 screws. Position the K9000 Compact while on the pallet near its final location. Take caution removing the plastic and bubble wrap avoid using a knife as it may scratch the stainless steel or decals. With a screw gun remove the screws from the feet and the tie down strap.



A second inspection should be undertaken to ensure no damage has occurred during travel.



It is recommended that the front kicker plate be removed prior to installation and handling as this will allow safer lifting and the required access during installation. *Care should be taken not to damage the plumbing fittings during lifting and positioning of the unit.*



The kicker plate allen key bolt positions (2 at each end and 1 top centre)

A 4mm allen key is used to remove the kicker plate.

It is also recommended that the white film protecting the unit is not removed until after install as this will help prevent any installation damage.

1.1 K9000 Compact System Specifications

SYSTEM WITHOUT ON BOARD HOT WATER UNIT		
Power	240V	15 AMP (with heated dryer)
Power	240V	10 AMP (without heated dryer)
WATER Inlet Pressure (Min) 40psi / 275kpa	Hot	½" Ball valve
	Cold	½" Ball valve
WATER Inlet Pressure (Max) 72psi / 500kpa	Hot	½" Ball valve
	Cold	½" Ball valve
COLD WATER Inlet temperature	Minimum	5 Degrees Celsius
	Maximum	30 Degrees Celsius
HOT WATER Inlet temperature	Minimum	55 Degrees Celsius
	Maximum	65 Degrees Celsius
Factory Set water temperature	35 Degrees Celsius at wash gun	
WATER Maximum Operating Pressure 50psi / 350kpa	Factory set via water regulator	
FILTRATION	Primary	Stainless steel mesh filter
	Secondary	Vinidex DBA Lic. No. WMKA20071
Back Flow Prevention Device	Connections to be protected by a "high hazard" backflow prevention device. i.e. "RPZ" or Registered "Air-GAP" Recommended Watts 009M3-AUS RP 15 or 20mm AS2845.1 Lic WMKA1335	
WASTE	50mm DIA Outlet as well as, a minor trade waste application to be made to the local water regulator (Contact your local water authority trade waste division)	
SYSTEM WITH ON BOARD HOT WATER UNIT		
Power	240V	25 AMP
WATER Inlet Pressure (Min) 40psi / 275kpa	Cold	½" Ball valve
WATER Inlet Pressure (Max) 72psi / 500kpa	Cold	½" Ball valve
COLD WATER Inlet temperature	Minimum	5 Degrees Celsius
	Maximum	30 Degrees Celsius
Factory Set water temperature	35 Degrees Celsius at wash gun	
WATER Maximum Operating Pressure 50psi / 350kpa	Factory set via water regulator	
FILTRATION	Primary	Stainless steel mesh filter
	Secondary	Vinidex DBA Lic. No. WMKA20071
Back Flow Prevention Device	Connections to be protected by a "high hazard" backflow prevention device. i.e. "RPZ" or Registered "Air-GAP" Recommended Watts 009M3-AUS RP 15 or 20mm AS2845.1 Lic WMKA1335	
WASTE	50mm DIA Outlet as well as, a minor trade waste application to be made to the local water regulator (Contact your local water authority trade waste division)	
Tundish	Required for hot water relief pipe	
DIMENSIONS / WEIGHT		
Dimensions	Length 1650mm / Height 1750mm / Depth 550mm	
Weight	K9000 Compact - 170kg	
APPROVALS		
Risk assessment performed by IAPMO (NATA accredited laboratory)		
CE conformity with the following European Union Directives: EMC Directive 2004/108/EC & Low Voltage Directive 2006/95/EC		
IEC 61000-6-3:2006 Electromagnetic compatibility (EMC) – Part 6.3: Generic standards – Emission standard for residential, commercial and light-industrial environments		
AS/NZS 60335.2.75:2005 + Admt 2009 in relation to vending machines AS 60204.1:2005 'Safety of machinery – Electrical equipment of machines, General Requirements'		
IEC 61000-6-1: 2005 Electromagnetic compatibility (EMC) Generic standards. Immunity for residential, commercial and light-industrial environments.		
ATS 5200.101:2005 – Strength of Assembly		
EPA Registered Noise tested rating of 66dba @ 4 meters		
USAGES		
Water usage: 8 to 12 litres per minute (40-60 litres per single dog wash)		
Average power usage per wash cycle is .76kwh (dependent on hot water source)		

2 Installation

The K9000 Compact Dog Wash can be installed either indoor or outdoor.

2.1 Levelling and Positioning the K9000 Compact

The K9000 Compact needs to be placed in a level horizontal position to operate correctly. There are 8 adjustable feet, place a level along the back of the K9000 Compact and adjust the feet according to get the K9000 Compact Level, place the level along the top of the cabinet running back to front to make sure it is not tilting forward or backwards.



The picture left shows the location and how to adjust the feet within the cabinet.

Note: The hot water unit will need to be moved forward to allow access to the internal feet adjusted with the large flat head screw driver. It does not need to be removed.



There are 2 different types of adjustable feet, four* exposed that are adjusted by hand turning the actual feet and four* inside the cabinet floor that have rubber grommet covers, you will need to remove the rubber grommets and adjust these with a large flat head screw driver.

*Note: depending on the model the number of adjustable feet numbers will vary. It will be either 4 hand adjusted with 2 requiring a screw driver or 2 hand adjusted with 4 requiring a screw driver.



ENSURE all doors open and close freely before securing the K9000 Compact! Once the K9000 Compact is level, use the anchor screws supplied to bolt the K9000 Compact to the floor/surface.



2.2 Connecting the Water Supply and Waste connection to the K9000 Compact.



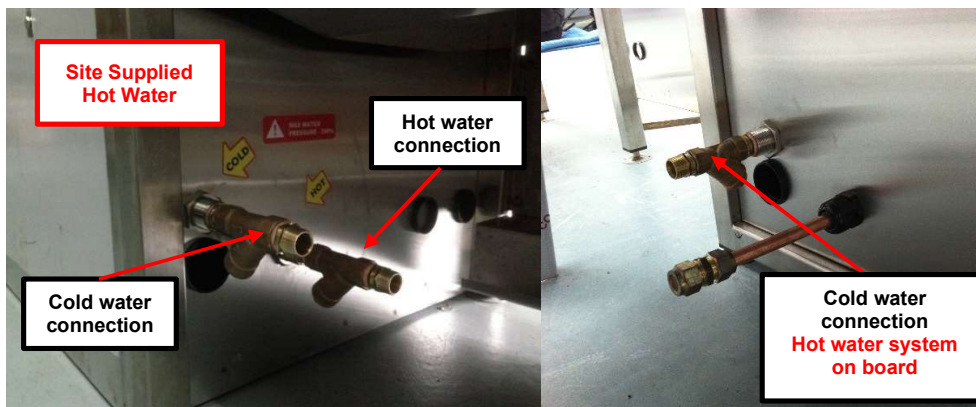
Before connecting the K9000 Compact to water and waste ensure local regulations are considered. Some sites may require an additional back flow prevention device. Local regulations may also require sites to use copper pipes for waste.

2.2.1 Connecting the Water Supply

Flush the pipes prior to connecting to the K9000 Compact.

Maximum allowable inlet water pressure is 450kpa. (72 Psi / 0.5 Mpa)

The picture at left shows the hot and cold-water entry points for a K9000 Compact without an on-board hot water unit. While the picture on the right shows the water entry point for a K9000 Compact with an on-board hot water unit.



Once connected the regulator can be adjusted to ensure the K9000 Compact has water pressure of between 20 & 30 psi when the pressure gun is in use and between 40 & 50 psi when pressure gun is not being utilised.

To verify the pressure when the gun is not being utilised you need to view the gauge at the moment the pressure gun is turned off as it will give a true indication of the psi prior to resetting to the hold psi of approximately 40.

- The psi verification can be done with the override key and a wash setting of stop or with money/token and the rinse setting selected.

If adjustment required, you will need adjust the regulator. The regulator is adjusted using a screw driver, where pressure needs to be increased turn the screw anticlockwise and to decrease pressure turn in a clockwise direction.



The picture left shows regulator being adjusted in a Compact with no hot water system on board.

The picture right shows the regulator position in a Compact with a hot water system on board.



2.2.2 Hot Water Breaker

After the water is connected the hot water tap is to be turned on and the hot water system filled and bled.



Hot water tap to be turned on

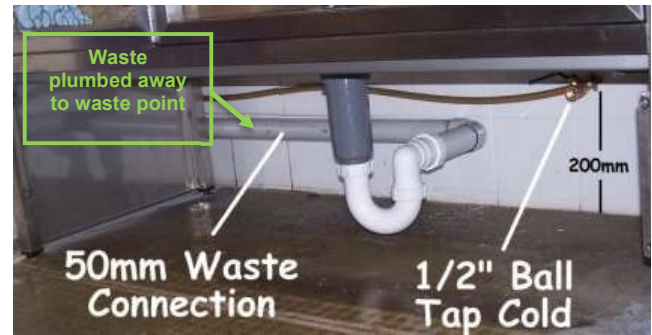
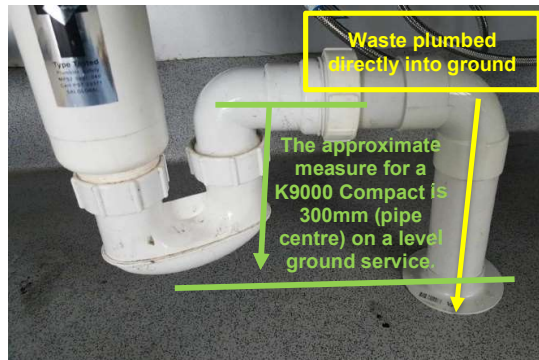
Bleeding the hot water system by pulling the pressure valve until water runs. (Top valve only)



Once the hot water system is filled the hot water circuit breaker located in the control box is to be turned on. The power must be isolated prior to removing the cover from the Control Module refer to section 4 Main Board Components.

2.2.3 Connecting the Waste

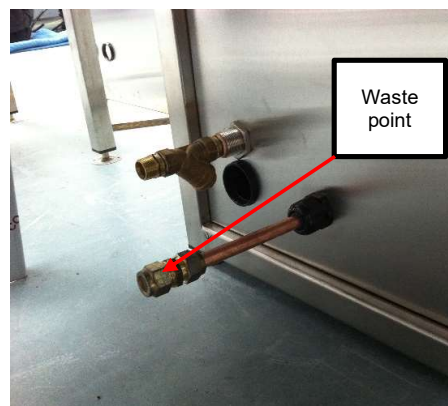
Connect the 50mm waste using the P-trap (supplied in the install kit)



The copper waste pipe connected to the hot water unit relief valves needs to be run into a waste point or tundish (not supplied). The same waste point as the P-trap can be utilised.



Before connecting to the waste point or tundish ensure local regulations are considered as some sites may require copper pipe.



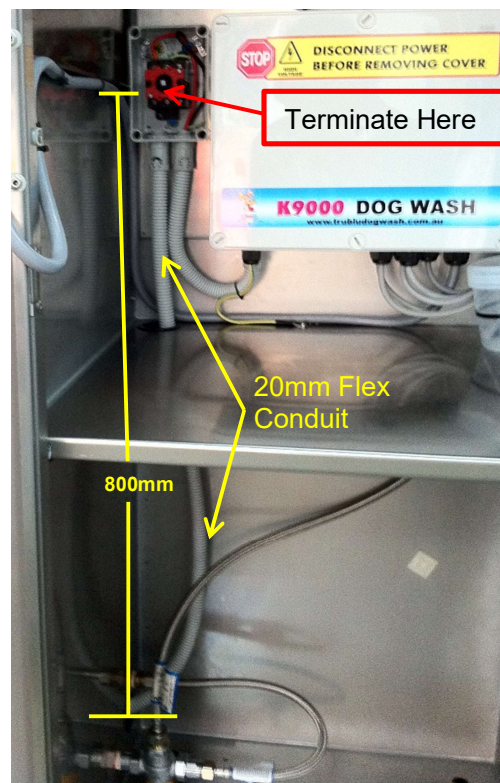
If unsure with any of the above steps please phone (03) 5562 9088 for assistance.

2.3 Connecting the Power – For Your Electrician



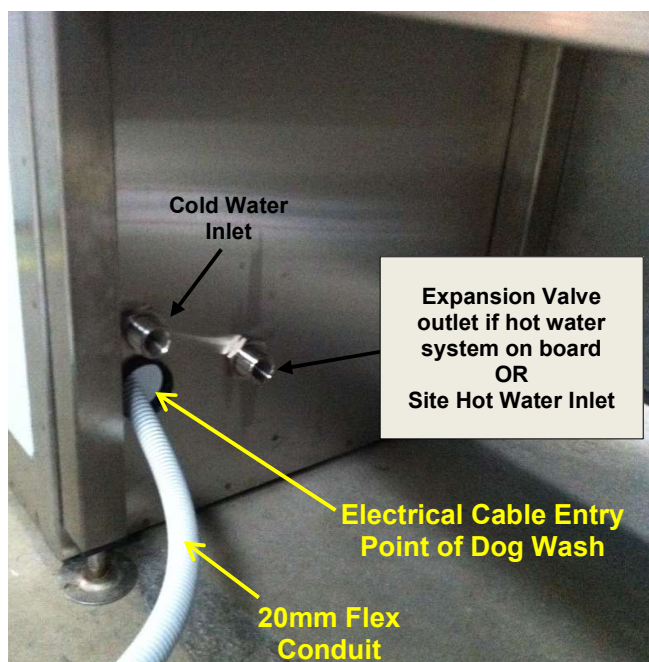
Shown on the right is the main electrical cable inside the dog wash. It enters through the gland at the bottom of the dog wash close to the ground.

Run the power cable in 20mm flexible conduit as there is a socket already installed into the bottom of the main circuit breaker box shown.



Shown below is a photo taken from the rear of the dog wash of the main electrical cable enter point to the dog wash cabinet.

Once you run the cable and conduit to this point, and then leave another 800mm for the termination inside the dog wash.



2.4 Completing the Installation

Now that the K9000 Compact has been installed you can now refit the front kicker plate removed earlier to allow the installation to proceed and peel the protective white film from the unit. You are now ready to commission the K9000 Compact.

Please ensure that the hot water breaker has been turned on refer section 2.2.2.

3 Commissioning the Unit

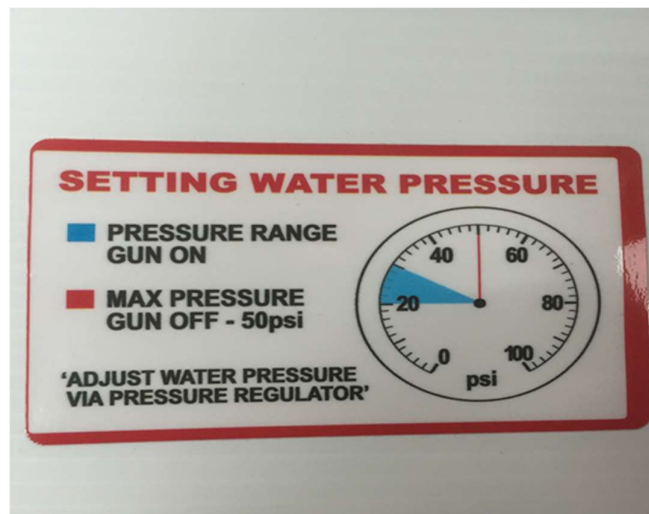
The K9000 Compact is delivered with sufficient product for approximately 100 washes and it is recommended that commissioning the unit occurs after installation.

Commissioning the unit requires the following tests to be undertaken;

- Override key wash (refer section 8)
- Insert Coins
- Insert Notes (if applicable)
- Insert Tokens (if applicable)

During the tests check the following;

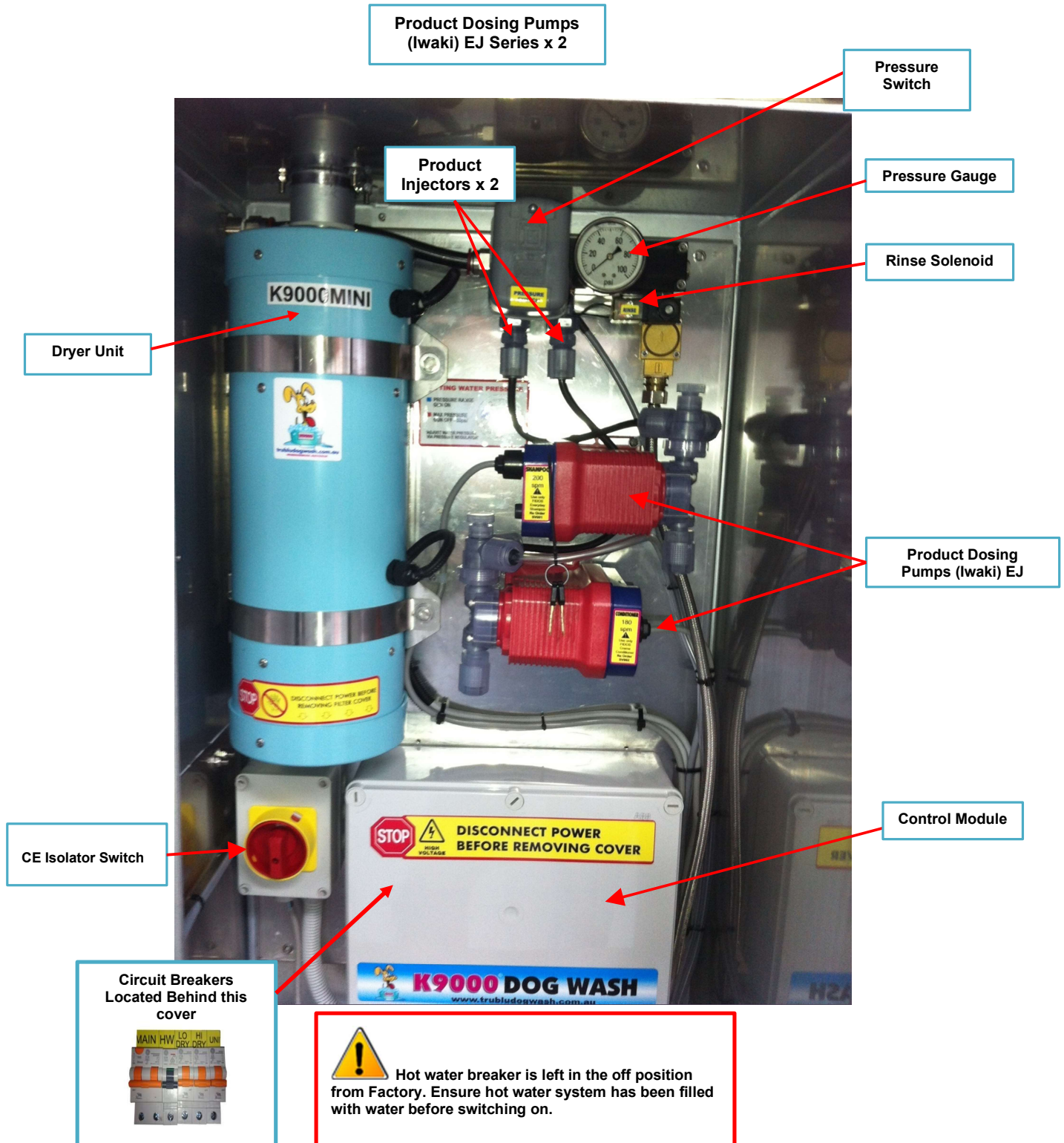
- water pressure gauge: when pressure gun is being utilised the pressure range should be between 20 & 30 psi and when gun is off the psi should be in the range 40 to 50 psi. Refer section 2.2.1 re regulation of water pressure.



- water temperature, should be cool at a 40cm distance from the wash gun, refer section 6.1 for water temperature adjustment.

4 Main Board Components

4.1 K9000 Compact Main Board with Iwaki EJ Series Pumps



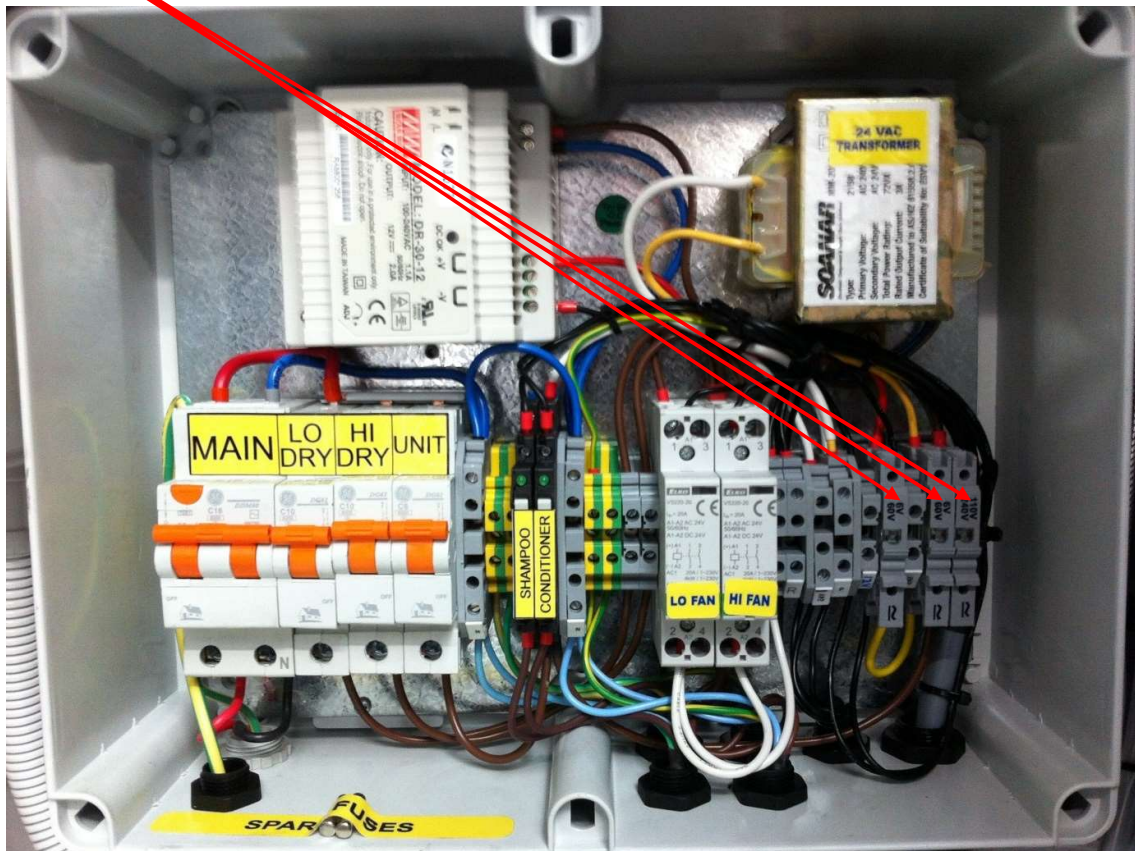
4.1.1 Control Module

The Control Module contains the fuses, transformer, relays etc.



The cover from the Control Module should never be removed unless the power is disconnected.

The below picture has the main components of the Control Module labelled. It should be noted that there is a red LED light on each of the 3 fuses and if this is lit then the fuse has blown.



4.1.2 Product Dosing Pump Factory Settings (Iwaki EJ & ES Series Pumps)

Settings are guidelines/recommendations for Fido's or other approved high-quality concentrated products:

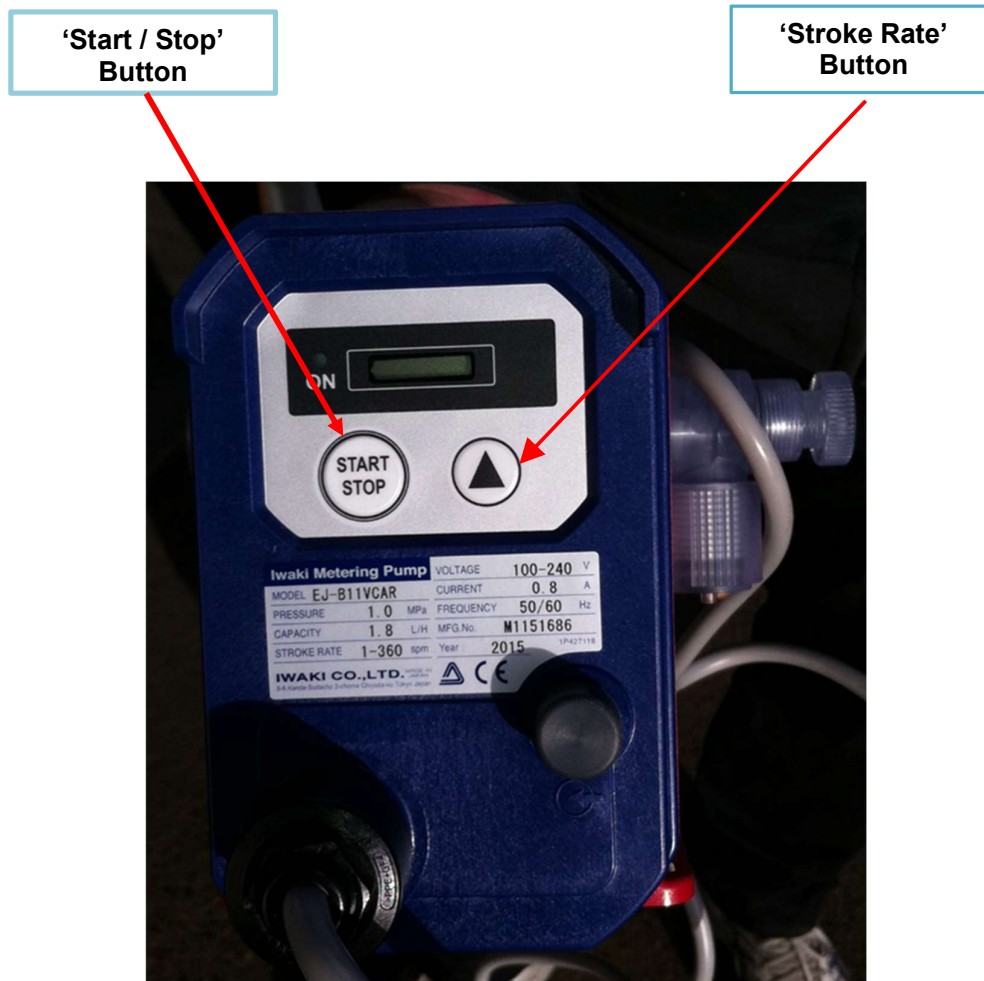
- Shampoo: 200 SPM*
- Condition rinse: 180 SPM*

**Note: Strokes Per Minute*

4.1.2.1 Iwaki EJ Series Pump

To adjust settings, depress the up arrow* to the recommended SPM rate, as detailed above.

**Note: The pump must be in operation when making an adjustment. The arrow will only increase the SPM, so to reduce the rate you must fully increase the rate to 360, release the Stroke Rate button and repress it. This will reset the SPM to 1, you can then increase to the required SPM rate. Once the required rate is reached press the start/stop button twice to save the required rate.*

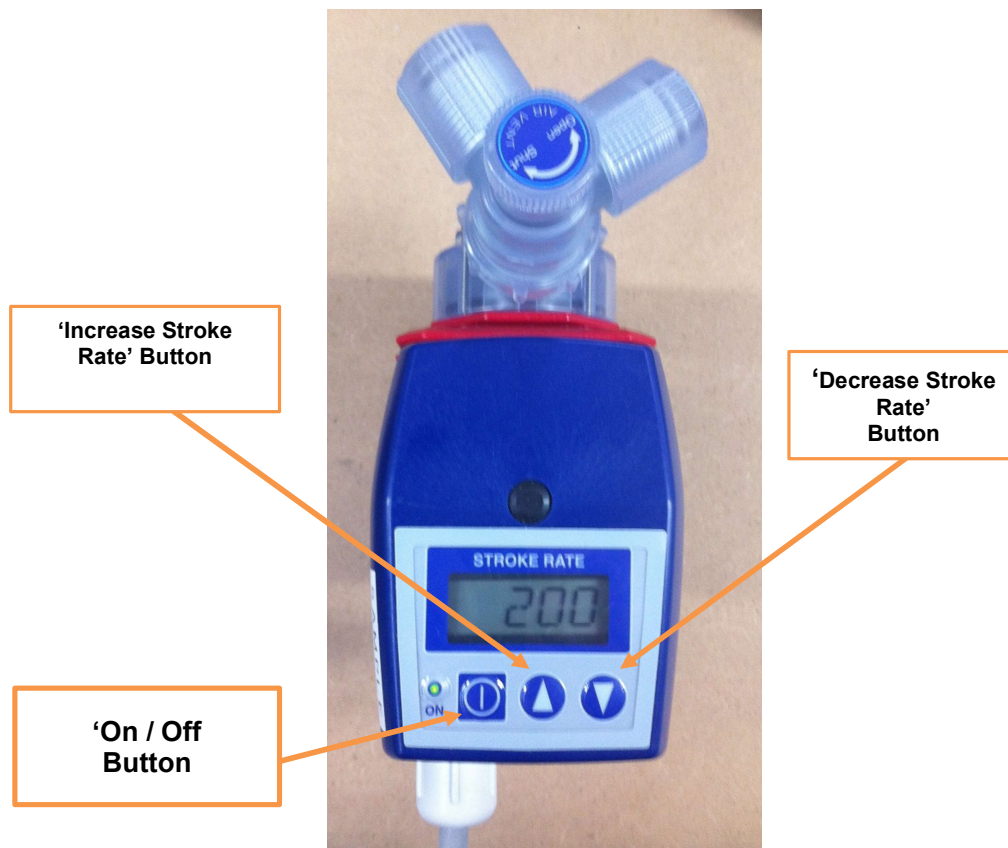


4.1.2.2 Iwaki ES Series Pump

To adjust settings, press either the up or down arrow until the recommended SPM rate is displayed, as detailed in section 4.1.2 above.

Should you be using another approved product please contact Tru Blu on 03 5562 9088 for settings.

**Note: The pump must be in operation when making an adjustment. The ES Series pump allows the operator to either increase or decrease the SPM as it has both up and down buttons. Once the rate is displayed it is saved.*



4.1.3 Bleeding Product Dosing Pumps (Iwaki - EJ & ES Series Pumps)

The need to bleed product dosing pump will arise when products have run out or in some case when products have been replaced and air has become trapped in the tube.

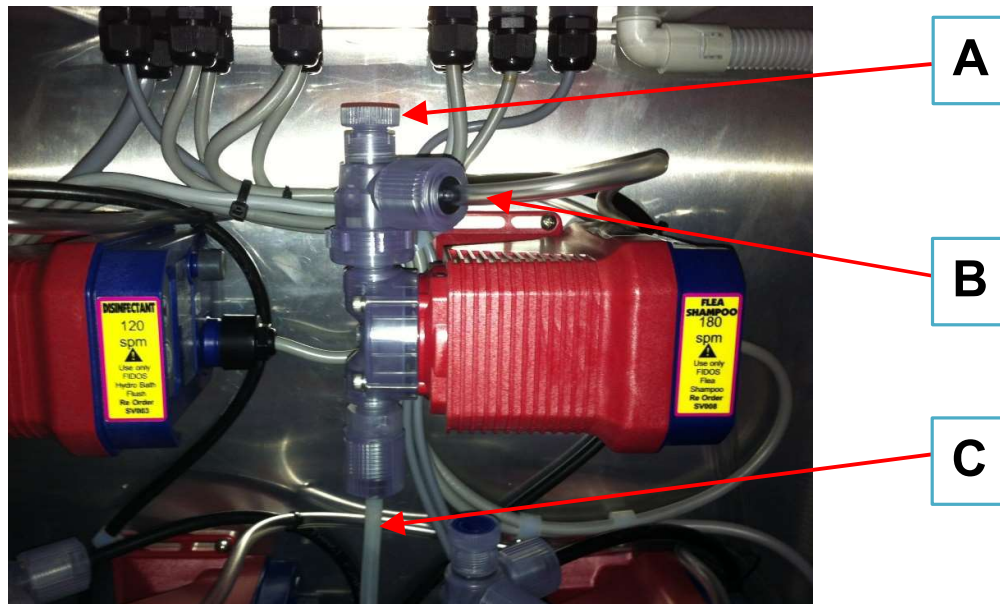
Bleeding procedure:

1. Select the product you wish to bleed by turning the rotary switch e.g.: shampoo
2. Release bleeder valve (item A below) by turning anti-clockwise as shown below; 3 turns maximum.
3. Once product reaches the clear waste tube (item B below) re-tighten the bleeder valve by turning clock-wise;
4. After process is complete visually inspect the suction line for air pockets-if air pockets are present repeat process.

NOTE: After pump has been bled, there will be a distinctive change in the sound of the pump (pump will sound quieter).



If there are problems bleeding heavier concentrates rattle the suction line (item C below), and/or squeeze it to assist with shifting the product up into the pump head.

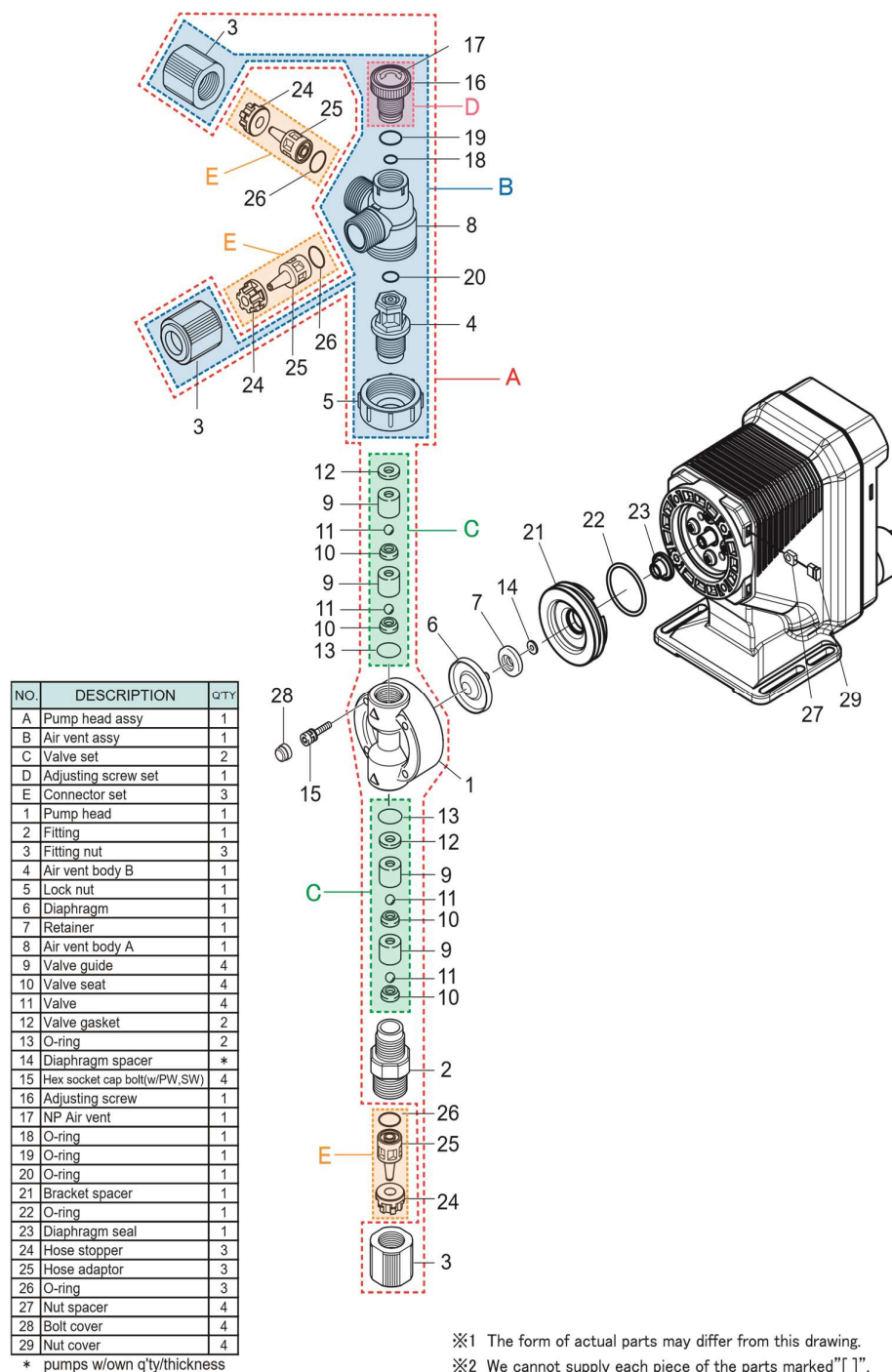


4.1.4 Iwaki Dosing Pump Exploded Views

This section has diagrams of both the EJ & ES Series pumps completely dismantled. Do not dismantle pumps beyond the extent shown in this instruction manual.

4.1.4.1 Iwaki Dosing Pump – EJ Series Exploded View

The pump in the diagram below is completely dismantled. Do not dismantle the pump beyond the extent shown in this instruction manual.

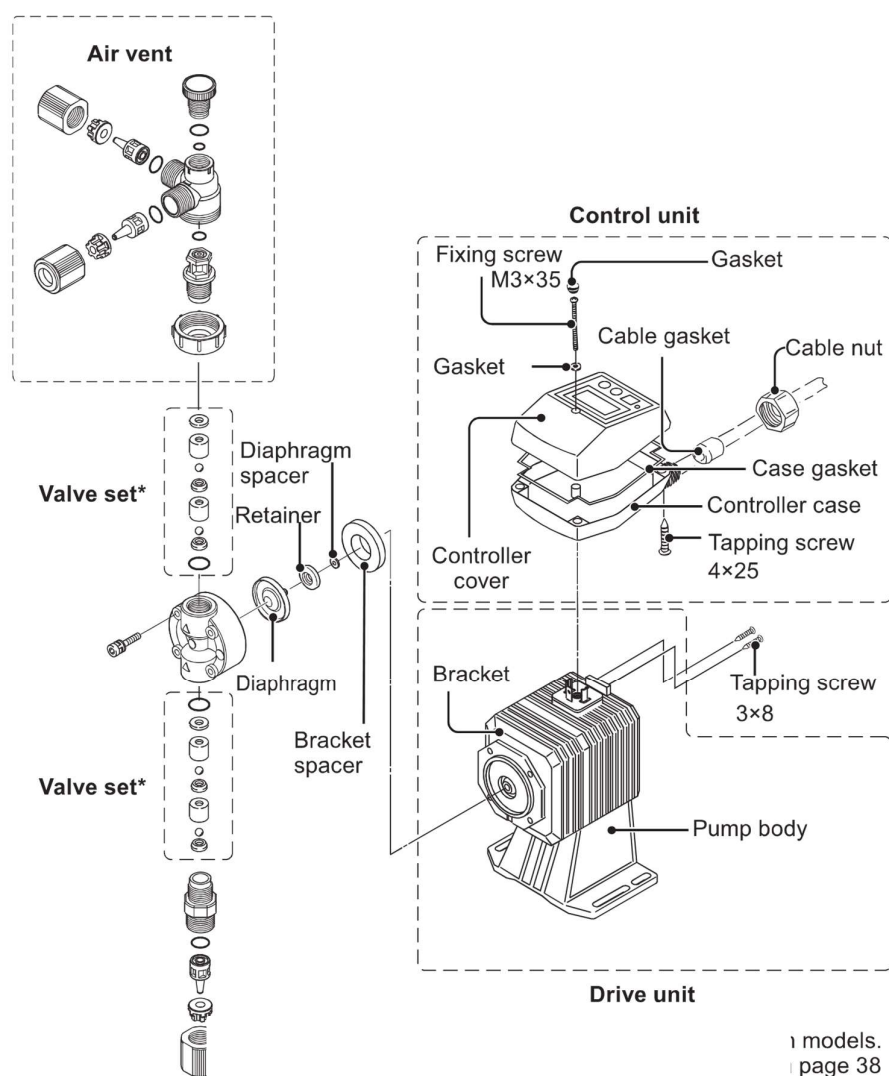


4.1.4.2 Iwaki Dosing Pump – ES Series Exploded View

The ES Series pump in the diagram below is completely dismantled. Do not dismantle the pump beyond the extent shown in this instruction manual.

Exploded view

Pump head, Drive unit & Control unit



4.2 Approved Products



The only products that are approved for use in the Tru Blu K9L Dog Wash are Fido's products produced in Australia by Mavlab Pty Ltd (www.mavlab.com.au) and those registered as a "veterinary chemical product" by the Australian Pesticides and Veterinary Medicines Authority (APVMA) for use on dogs.

The Australian Pesticides and Veterinary Medicines Authority (APVMA) contact details are:

Office: 18 Wormald Street, Symonston, ACT, 2609, Australia
Office hours: 9.00am - 5.00pm Mon - Fri EST
Mailing address: APVMA, PO Box 6182, Kingston, ACT, 2604, Australia
Email: contact@apvma.gov.au
Phone: +61 2 6210 4701
Web: www.apvma.gov.au

Q: How do I check the current registration status of a chemical product?

A: Your supplier can check the registration status of chemicals, or you can access the information on the database of all registered agricultural and veterinary products in Australia from the Public Chemical Registration Information System – PUBCRIS, accessed through the APVMA website.

Q: How do I know if a product has been registered?

A: The APVMA (known before March 2003 as the NRA) allocates a unique registration number which is printed on the bottom of the product label. The APVMA uses this approval number to verify the registration status of products. The words "*NRA Approval No.*" always appears in front of the number. The last four digits tell you when the product was last assessed by the APVMA. However, some older chemical products may not have an NRA number. In this case, ask your supplier to check that the product you want is registered.

Approved Fido's products

- | | |
|--|--|
| 1. K9000 Shampoo (Registration not req'd)
FIDOS K9000 Clear Bottled Every Day Shampoo
MSDS (see MSDS attached) | 2. Conditioner (Registration not req'd)
FIDOS K9000 CLEAR Bottled Crème Conditioner
MSDS (see MSDS attached) |
| 3. Flea & Tick (APVMA No. 37433)
FIDO F Rinse Concentrate
MSDS (see MSDS attached) | 4. Disinfectant (APVMA No. 57855)
Fido Hydro Bath Flush
MSDS (see MSDS attached) |

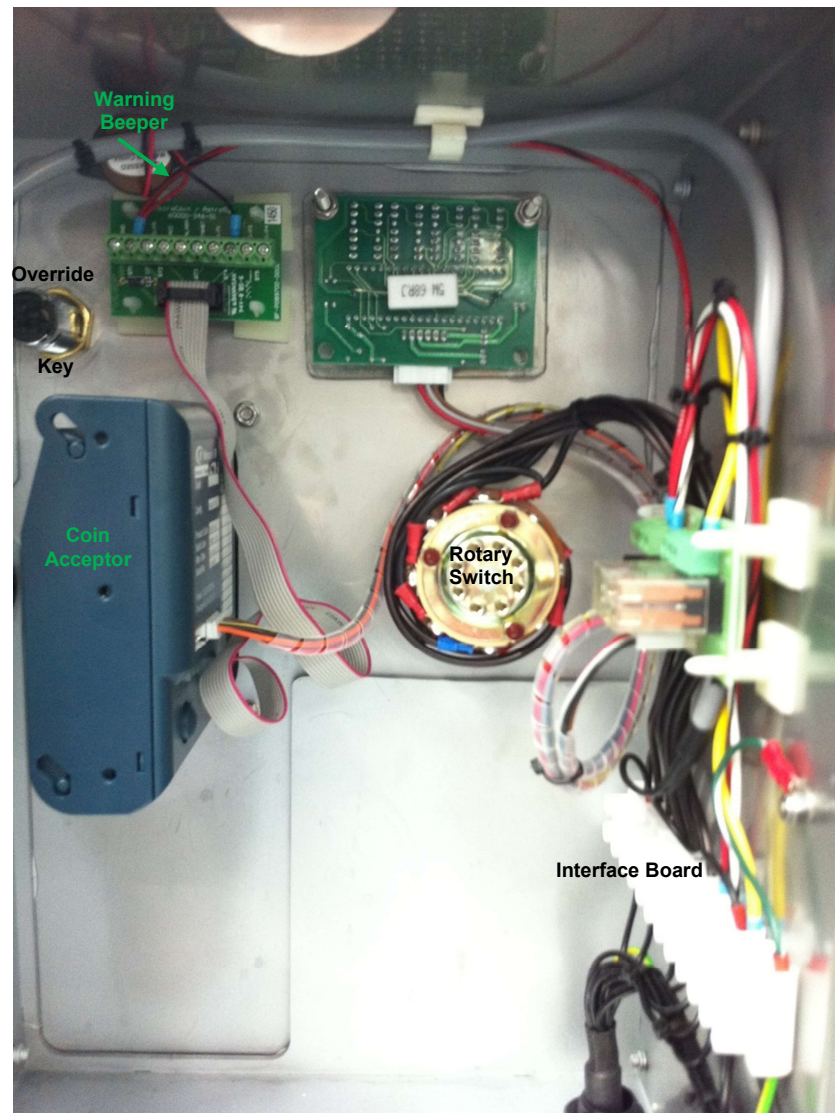
Important

The use of non-approved products may be harmful to the dog. Damage may also be caused to the Tru Blu dog wash equipment and possible voiding of the units' warranty.

5 Cash Box Components

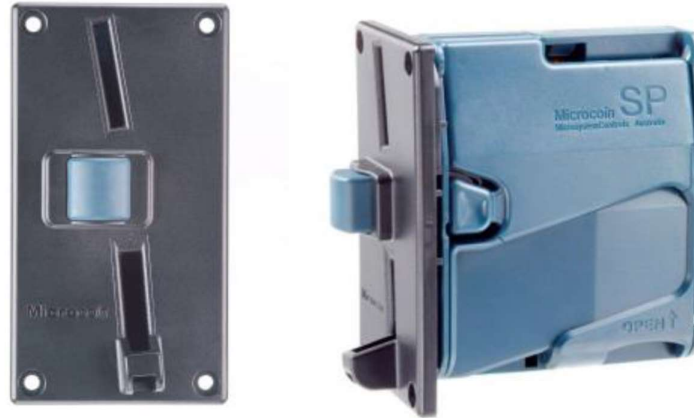
The below picture has the major components of the cash box labelled;

- Warning Beeper (time running out, more coins required)
- Override lock
- Coin Acceptor
- Rotary Switch
- Interface board



5.1 SP Coin Acceptor

The K9000 Compact is fitted with a Microcoin SP coin acceptor. The coin acceptor comes programmed at install. The below images are of the coin acceptor and its faceplate. Refer to section 5 for location within the cash box.



The below photos show both sides of the coin acceptor after it has been removed from the cash box.





























Left hand side, with release button used to remove coin acceptor from cash box and OPEN button used to open up the coin acceptor to allow cleaning.































The photo above right shows the coin acceptors On-Board Programming (OBP) facility, refer to the following sections in its use.

5.1.1 SP On Board Programming (OBP) Instructions

- ✓ The Microcoin SP can be programmed using its On-Board Programming, OBP, facility.
- ✓ Each OBP feature can be accessed by a series of button presses, using the OBP programming button, which is located below the LED indicators.
- ✓ If the OBP is turned OFF in the config, then only coin enable/disable and discrimination settings are available.
- ✓ Please use a ***firm*** and ***rapid*** button press to access each Mode. You will be shown a unique “M” Led flash sequence to indicate the selected Mode.

Feature	Description	Visual Indicators
<u>Enable Coin</u>	Press button once. “M” LED flashes GREEN	   
	Pass the coin to be enabled through the SP. If successful, “M” LED will go steady GREEN	   
<u>Disable Coin</u>	Press button twice. “M” LED flashes RED	   
	Pass the coin to be disabled through the SP. If successful, “M” LED will go steady GREEN	   
<u>Edit Credit Value</u>	Press button 4 times. “M” LED flashes RED x2	   
<u>Setting New Value</u>	Pass any of the SP’s pre-programmed coins to add up to the value of the new credit setting. Note that LED 1-3 will scroll sequentially to indicate the successful addition of the rolled coin to the accumulating total.	   
	Press button once to set required credit	   
<u>Reset Credit Value</u>	To reset the credit to zero, simply open the SP housing by pressing the reject lever and then release, whilst in this mode.	

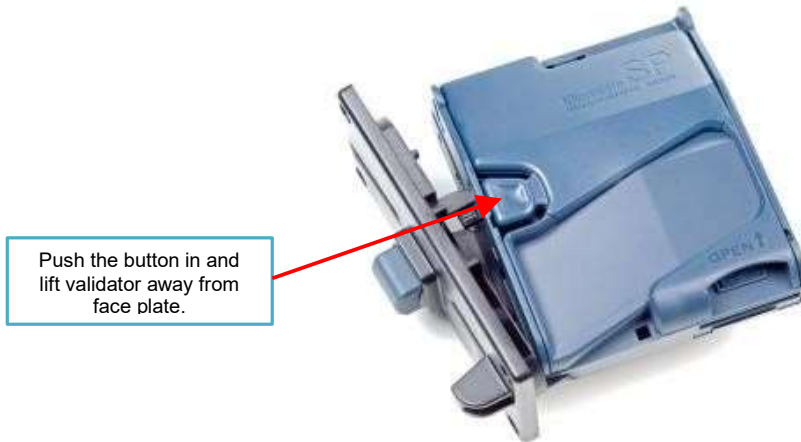
Feature	Description	Visual Indicators			
<u>Program New Coin</u>	Press button 5 times. “M” LED flashes ORANGE x2	 M	 1	 2	 3
Select Category	The first 3 coin categories are available for programming. Select your required category by button press, as indicated by LEDs 1-3. <i>Example shows Category 2 selected</i>	 M	 1	 2	 3
Teach Coin	Program the coin by passing 10 sample coins. Use more than 10 coins for greater accuracy. <ul style="list-style-type: none">- The category LED will flash for each valid coin pass.- The “M” LED will flash GREEN after 10 coins- Press button once to indicate last coin pass	 M	 1	 2	 3
Select O/P Line	“M” LED will become ORANGE and LED 1 will turn GREEN . <ul style="list-style-type: none">- Select required coin output line from 1 to 5 starting from O/P Line 1, from shown by LED 1- LEDs 1-3 will illuminate sequentially to show O/P line selected. O/P lines 4 & 5 are shown by the sum of LEDs <i>Example shows line 5 as 2 + 3 are illuminated 2+3=5</i>	 M	 1	 2	 3
		 M	 1	 2	 3
Set Coin Value	Coin Value is set by passing any combination of pre-programmed coins to the required value. LEDs 1-3 will flash & scroll x 1 to indicate the addition of that coin value to the total	 M	 1	 2	 3
Finish	Briefly press button once to complete. “M” LED will go steady GREEN	 M	 1	 2	 3

5.1.2 Coin Acceptor Removal



Always disconnect power before removal of coin acceptor

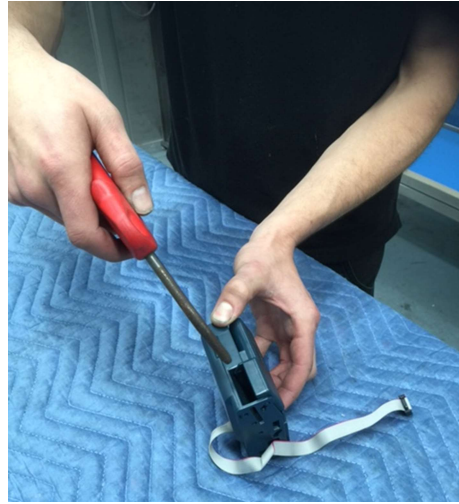
Open the rear door of the cash box, the coin acceptor is mounted on the left-hand side. The below picture illustrates the button required to be pushed to detach the coin acceptor from its face plate. The button is on the left-hand side of the coin acceptor when looking at it in the coin box.



5.1.3 Coin Acceptor Cleaning

- Disconnect the power source to the validator by detaching any cables.
- Remove the validator from its mounting faceplate (refer section 5.2).
- Locate the embossed **OPEN** ↑ at the bottom right of the unit.
- Place a thumb in the **OPEN** ↑ aperture and lever open the housing by lifting up on the open lever. This will separate the two halves of the coin acceptor. The coin acceptor does not come fully apart but the two parts separate by approximately 5mm. You can see the four pins move from the closed position to the open.
- Given the two parts of the coin acceptor to not fully separate it is recommended that an air gun be used to clean out the coin acceptor.
- Clean with a damp lint free cloth. In extreme cases, a mild detergent can be used. **DO NOT USE SOLVENTS.**
- Once the unit has been cleaned, it is a simple case of re-inserting the unit in the reverse order.

The picture below left, shows the pin position when the coin acceptor is “open”, while the picture on the right shows a coin acceptor being cleaned with an air gun while the coin acceptor is “open”.




5.1.4 Coin Acceptor Error Messages

To date we have only had the one error message occur, if you receive a different error message or the action fails to clear the error message please call Tru Blu Dog Wash for assistance 03 5562 9088.

5.1.4.1 Coin Acceptor Error Message Table

Below is a list of the error messages displayed, meaning and action to be taken to clear the error.

Error Message Displayed	Error Meaning	Action Required
	Blocked/Jammed trigger opto path or trigger opro open circuit	Check the coin path is clear and nothing is blocking the little hole where the opto shines through, refer section 5.1.6

5.1.4.2 Coin Acceptor Error Processes

The following section is error message specific, if you receive a different error have message or the action fails to clear the error message please call Tru Blu Dog Wash for assistance 03 5562 9088

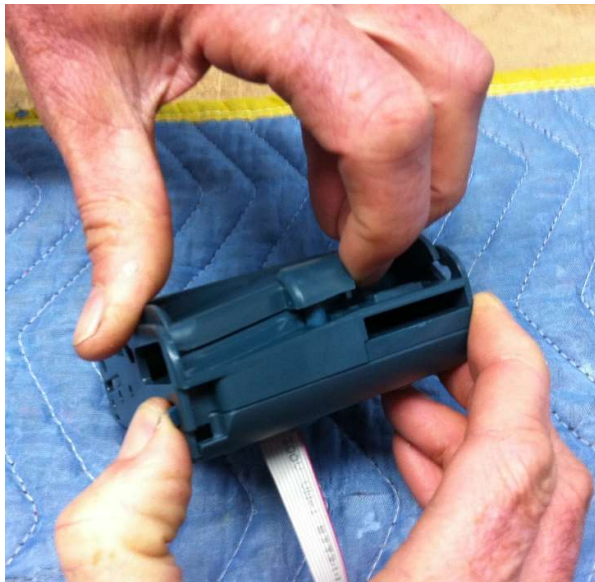
5.1.4.2.1 Error Er 1 Cleaning



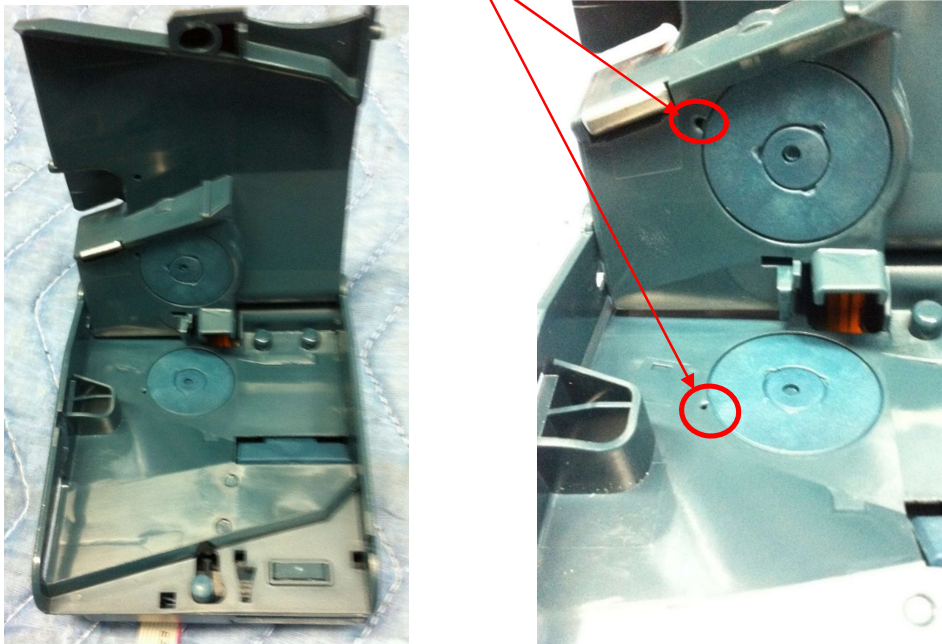
This cleaning process should only be undertaken when the ER 1 error is displayed as it is not recommended to open the coin mech to this extent on a regular basis as it requires force to open and close and over time may damage the pins.

- Disconnect the power source to the Coin Acceptor by detaching any cables.
- Remove the Coin Acceptor from its mounting faceplate (refer previous section).
- Locate the trigger to split open the coin mech for easy and clear access.
- Ensure the opto path and opto trigger are clean, refer pictures at the end of this section which highlight these areas.
- Clean with a damp lint free cloth. In extreme cases, a mild detergent can be used. DO NOT USE SOLVENTS.
- Once the unit has been cleaned, you close the coin mech again using the trigger as it needs to be in the closed position to allow the coin mech to be closed. Note this will take some effort as the pins need a little force to allow the coin mech to be closed, refer pictures at the end of this section.
- Once closed it is a simple case of re-inserting the unit in the reverse order.

The picture below shows the trigger position and then arrow shows the direction it needs to go, while the picture on the right shows the trigger being engaged and the grip necessary to open the coin mech.



The picture below left shows the coin mech open while the picture on the right is a close-up showing the opto path and opto trigger.



Closing the coin mech requires the trigger to be engaged as this levers the pin back into the closed position. Once this is done it will still take a little force to close the coin mech.



6 Temperature Valve

6.1 Temperature Adjustment

The temperature valve mixes the hot and cold water to a safe temperature. The base setting is 35°. In some instances, operators may wish to increase or decrease the water temperature slightly to compensate for seasonal changes.

Adjustment procedure:

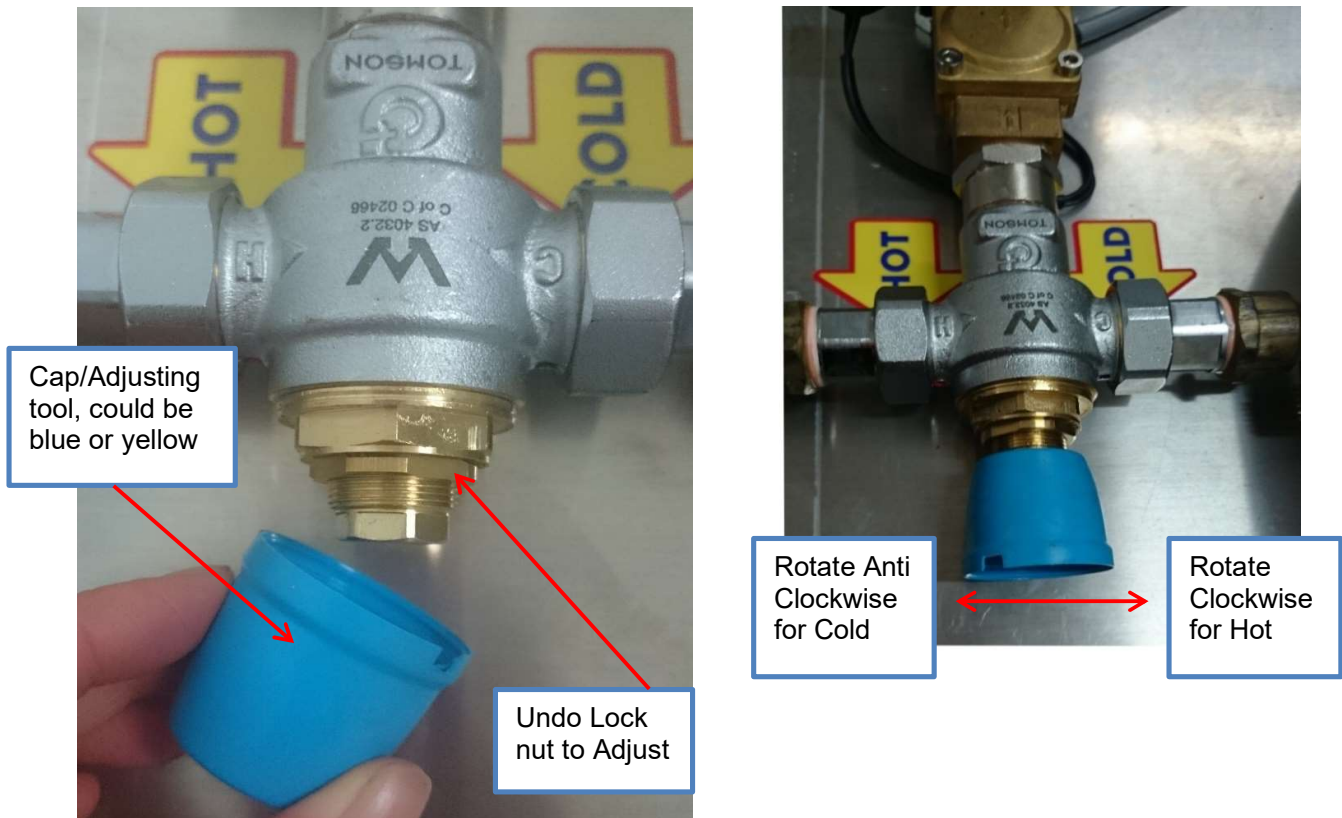
1. Remove blue (or yellow) cap/tool from the end of valve (labelled 'A')
2. Using a wrench undo the lock nut before adjusting.



Do not wind adjustment out all the way as this can damage the valve.

3. Using the provided tool rotate clock-wise to decrease temperature and anti-clockwise to increase temperature.

Important NOTE: Temperature will change with the slightest adjustment. Care should be taken not to over-adjust. If in doubt check water temperature with a thermometer and DO NOT EXCEED 38°.



7 Dryer

The K9000 Compact can comes fitted with a non-heated (standard) dryer.

7.1 Non-Heated Dryer Details

The standard K9000 Compact dog wash comes with a fully fitted 2x1100 dryer. It does not require any action as part of the installation process.

Standard 2x1100 Dryer



8 Override Key (Wash down Key)

The K9000 Compact is equipped with an “OVERRIDE KEY”

The operation of this key enables the owner/attendant to operate the wash down facility without inserting any money.

During this wash down function, all selections on the rotary dial are available except the dryer.

This wash down function is not to be used for washing dogs.

Important

Remove key after wash down is complete.



9 Floor Lifting Tool

The following procedure is to be used for the lifting of the floor on the K9000 Compact Dog Wash.



Caution should be taken when raising the floor as there are pinch points between the floor and the base of the unit. Ensure tool and gloves are used.

Floor Lifting Tool

The tool shown opposite is to be used for lifting the dog wash floor when needed. It is also required that “rigger” gloves be worn when performing this task.



To lift the dog wash floor, open the dog entry door, using the tool as shown above, slide the hooked end under the front edge of the floor and slide sideways until the hooked end locates into one of the notches in the front edge, then lift.

Once the floor has been lifted sufficiently, grasp the floors front edge with your free hand and release the tool. Ensure that you are wearing proper protective gloves, *rubber gloves are not sufficient*. If you wish to wear rubber gloves, ensure that you wear a pair of “rigger” gloves as well (double glove).



10 Operator Maintenance

The K9000 COMPACT can operate in temperatures from 5-40 degrees Celsius if you experience temperatures outside of this range check with your plumber for appropriate insulation.

To gain access to the cabinet, unlock the pad lock and open the door by using the handle. Use the override key supplied to access the dog wash functions. The below Maintenance Schedule needs to be implemented to ensure the dog wash runs at its best and complies with the warranty.

10.1 Maintenance Schedule

***DAILY:**

- Clean dog wash area and rinse unit with wash.

***MONDAY & FRIDAY:**

- Collect Money + record timer reading.
- Lift floor platform, remove hair from filter screen and rinse with wash gun. If the dog wash is indoors, perform this action every 25 dogs.
- Open cabinet, check soap levels and change if required.
- Check for air in product lines, bleed if necessary.

***WEEKLY:**

- Clean down stainless steel with INOX (WD spray), wipe with rag. Do not use abrasive cleaning products.

***MONTHLY:**

- Clean dryer filter and surfaces (this includes top & bottom).
- Clean coin mechanism.
- Check the rotary dial is tight, tighten as necessary.
- Check dog restraints in tub (chains, attachments & fittings).
- Check tub door latch.
- Flush drains, refer to cleaning section for instructions.

3 MONTHLY:

- Clean dryers, remove excess hair from bottom of foam filter, clean all surfaces (includes top & bottom)
- Clean coin mechanism.
- Check the rotary dial is tight, tighten as necessary.
- Check dog restraints in the tub (chains, attachments & fittings).
- Check tub door latch.
- Flush drains, refer to cleaning section for instructions.

- Empty product overflow bucket.
- Check condition of product line tubes (black & clear), no kinks, tube in product tubs touch the bottom etc.
- Check wash gun operation, head rotation and swivel, replace if necessary.
- Check each of the dryer clamps, tighten as necessary.
- Check dryer hose swivel.

At the completion of the 3 monthly maintenance update the maintenance record, section 14 of this manual.

***6 MONTHLY:**

- Clean dryers, remove excess hair from bottom of foam filter, clean all surfaces (includes top & bottom).
- Clean coin mechanism.
- Check the rotary dial is tight, tighten as necessary.
- Check dog restraints in the tub (chains, attachments & fittings).
- Check tub door latch.
- Flush drains, refer to cleaning section for instructions.
- Empty product overflow bucket.
- Check condition of product line tubes (black & clear), no kinks, tube in product tubs touch the bottom etc.
- Check each of the dryer clamps, tighten as necessary.
- Check dryer hose swivel.
- Replace Wash Gun
- Check wash gun hose assembly, replace if necessary.

At the completion of the 6 monthly maintenance update the maintenance record, section 14 of this manual.

***YEARLY (Or more frequently for high volume sites):**

- Clean dryers, remove excess hair from bottom of foam filter, clean all surfaces (includes top & bottom).
- Clean coin mechanism.
- Check the rotary dial is tight, tighten as necessary.
- Check dog restraints in the tub (chains, attachments & fittings).
- Check tub door latch.
- Flush drains, refer to cleaning section for instructions.
- Empty product overflow bucket.
- Check condition of product line tubes (black & clear), no kinks, tube in product tubs touch the bottom etc.
- Check each of the dryer clamps, tighten as necessary.
- Check dryer hose swivel.
- Replace Wash Gun.
- Check wash gun hose assembly, replace if necessary.
- Replace Dryer hose assembly.
- Using warm water flush out flush out all 4 pumps, suction lines, foot valves and the actual product containers, replace as necessary.

- Yearly service to be carried out by authorized Technician.

At the completion of the yearly maintenance update the maintenance record, section 14 of this manual.

**Note: No service replaces another meaning that if one service falls due at the same time as another, then both should be carried out. i.e. The Daily, Monday & Friday, Weekly and Monthly maintenance schedules could all be due and occur on the same day.*

10.2 External Maintenance Items

The following pictures highlights some of the external parts of the dog wash requiring maintenance.



10.3 Rotary Dial Maintenance

The rotary dial should be checked each month to ensure it has not become loose. If it is found to be loose use a screw driver to tighten the screw that holds it in place.



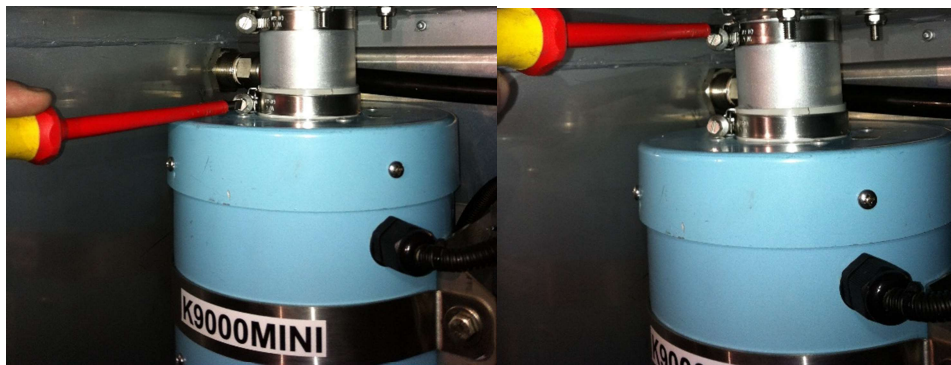
10.4 Dryer Maintenance

Dryers need to be cleaned by hand each month to remove any hair that may have collected. Ensure you clean the bottom of the dryer as the foam filter is at the base of the dryer.



This picture highlights the 4 foam filters located at the base of the dryer that requiring cleaning

The internal dryer clamps should be checked every 3 months to ensure that the dryer hoses do not become loose. If either connection is found to be loose use a screw driver to tighten the screws that hold it in place.

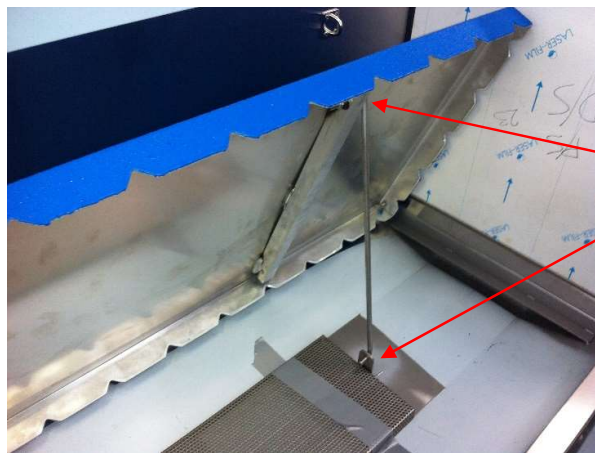


10.5 Cleaning

- Put on suitable protective clothing, gloves, apron, and protective glasses.
- Use the wash down key to turn the machine on, select the rinse option on the rotary dial and wash the tub area of the dog wash using the dog washing gun, rinse all the excess under the edge of blue floor and turn the gun off.
- Lift the tilt floor and hold in place with the support rod attached under the floor.

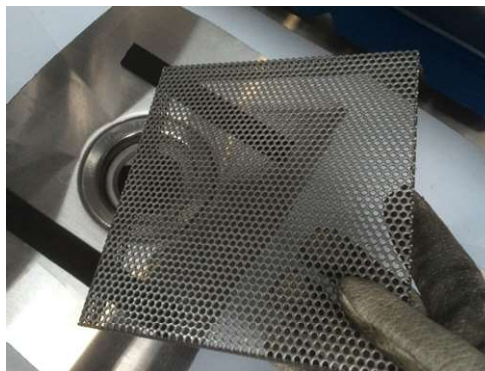


Caution should be taken when raising the floor as there are pinch points between the floor and the base of the unit. Ensure tool used (refer section 10).



Rod attachment

- Do not remove any filters yet. Using a small plastic scoop gather and remove the excess hair that has collected under the tilt floor area and dispose into rubbish bin. Do not flush this down any drains.
- Lift and remove the square stainless-steel filter in the middle of the floor area, clean this of any hair or solids. Put this filter to one side.

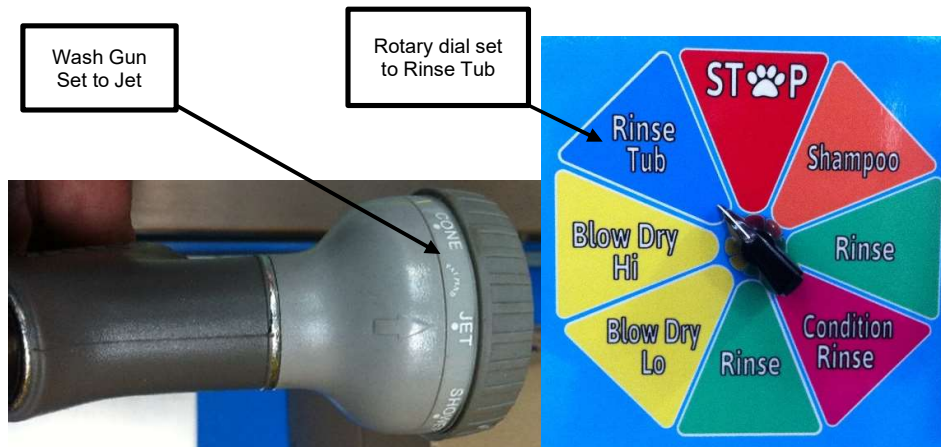


Warning the square stainless-steel filter can have sharp edges, gloves need to be worn to protect against injury.

- Turn the wash gun back on and wash anything that remains in the under-floor area down the drain in the middle of the floor area, take note to wash the bottom side of the blue tilt floor. Turn gun off.
- Now remove the cylindrical filter from the drain in the middle of the floor. This simply pulls out, and has a small lip to enable removal. Empty contents into the rubbish; do not flush down any drains.



While the cylindrical filter is removed, place the wash gun in the drain, set the wash gun to “JET”, rotary dial selection to RINSE TUB and flush the drain. Run the water gun for 20 seconds, if there are issues with the water draining away you may need to contact your plumber. Replace the cylindrical filter, and put the stainless-steel filter back into position.



- Return tilt floor to the down position, remove wash down key and select the stop option on the rotary dial.



- Using soft cloth, wipe over the control panel and operator area of the dog wash. Do not use abrasive solvents.
- Clean the stainless steel by wiping down with soft cloth and INOX or WD40 spray. Do not use abrasive cleaning products and wipe down in the direction of the brushed finish.

11 General Information

It is not recommended that any person with an open wound wash a dog unless suitable protection is worn, for example if the wound is on the hand then latex or rubber gloves be worn.

It is also recommended that if a dog has broken skin it should not be washed.

11.1 Canine parvovirus



Keeping your dog wash clean.

The canine parvovirus is extremely virulent and contagious and is spread from dog to dog by direct or indirect contact with their faeces. The virus is extremely hardy and has been found to survive in faeces and other organic material such as soil for over a year. It survives extremely cold and hot temperatures. The only household disinfectant that kills the virus is bleach. Canine parvovirus will not infect humans.

If when carrying out your routine cleaning of your dog wash you discover dog faeces in or around the area, we suggest this be removed and the area disinfected with a household bleach product.

This is a very small piece of information regarding the canine parvovirus, we would strongly recommend that you familiarise yourself with more detailed information relevant to your location & situation. Useful links for further information are listed below.

http://en.wikipedia.org/wiki/Canine_parvovirus

<http://www.peteducation.com/article.cfm?c=2+1556&aid=467>

11.2 Instruction “How to” Videos

The Tru Blu K9000 website has a list of helpful videos to complement this manual, the link to the Tru Blu K9000 website is <https://trubludogwash.com.au/resources/helpful-videos/>

Videos Include:

- Your K9000 Arrives
- Introduction and Commissioning
- K9000 Dog Wash Routine Maintenance
- Setting Up Suction Lines
- How to bleed the pump on a K9000 Dog Wash
- How to bleed the new style pump
- Driving the K9000 2.0 Menu
- How to program the Timer on your Dog Wash
- How to Program the tokens on your Dog Wash
- How to change the soap on the K9000 Dog Wash

- How to change a wash gun on the K9000 Dog Wash
- How to look after the stainless steel on your K9000 Dog Wash
- How to clean your K9000 Dog Wash

12 MSDS Attachments

12.1 Material Safety Data Sheet (MSDS) Fido's Everyday Shampoo



TB-MSDS-025 Fido's
Everyday Shampoo Su

12.2 Material Safety Data Sheet (MSDS) Fido's Crème Conditioner



TB-MSDS-026 Fido's
Crème Conditioner Su

12.3 Material Safety Data Sheet (MSDS) Fido's Fre-Itch Rinse Concentrate



TB-MSDS-029 Fido's
Fre-Itch Rinse Concentr

12.4 Material Safety Data Sheet (MSDS) Fido's Hydrobath Flush



TB-MSDS-028 Fido's
Hydrobath Flush Sumr

13 Maintenance Record

The following record of maintenance needs to be completed at the time maintenance occurs. This will assist with any warranty claim.

[illegible]