PROGRAMMING WCAD-SERIES WASHERS WITH STOP BUTTON FEATURE

EMERGENCY STOP / SAFETY DOOR LOCK

This machine is equipped with a Safety Door Lock that locks the door closed from when the cycle is started until the cycle is complete. The door lock prevents opening the door for up to 3 minutes if the power is interrupted during the cycle.

The **Emergency Stop Button** pauses the washer and allows the door to be opened during the cycle after the Safety Door Lock releases. When the **Emergency Stop Button** is pressed an alarm will sound and the display will begin counting down from **"3"**. If the **Emergency Stop Button** is released before 3 seconds elapse, the alarm will stop and the cycle will continue normally. If the **Emergency Stop Button** is held down for 3 seconds, the display will count down to **"0"** and the washer will begin stopping movement and water flow and begin draining water from inside the washer.   Though the machine may stop wash movement quickly, it may take up to 3 minutes for the door to unlock. During that time the alarm will continue to sound. When the alarm stops, the door may be opened. The washer may be restarted by closing and latching the door, and pressing the **START** button. If the washer was stopped during final extract, the cycle will be ended. If the washer is stopped for more than 1 hour, the cycle will be terminated.

PROGRAMMING INSTRUCTIONS:

Programming can be accomplished manually using the machine controls or by connecting to the machine control using a PDA (personal digital assistant). For instructions on using a PDA with this washer control, please contact your local Dexter distributor. Please read below for manual programming instructions.

The washer has two levels of programming. The Coin/Price Programming allows the owner to set the price for the washer features and the values of the coins. The Washer Cycle Programming allows the owner complete access to the wash cycle parameters – add/remove a bath, bath times, spin times, water temperatures, etc. To enter the programming modes, the top of the washer must be unlocked and slid toward the back of the washer a few inches.

#1. <u>COIN PRICE PROGRAMMING</u>

While the washer is in the Idle mode, push the Programming pushbutton on the controller. The Idle mode is when the washer is not running a cycle and the price of the bath is displayed. The Programming pushbutton is a very small button located on the upper center of the controller directly behind the display. There are seven stages in the Coin/Price Programming mode.

> To step through to the desired stage, repeatedly push the **START** button until the desired stage is blinking on the display. To exit the Coin/Price programming mode, push and hold the **Cold** temperature button for 5 seconds.

<u>Stage 1: Right Coin</u> – The display will blink first a **"r"** indicating right coin and then a coin value ($1.00 – default). The display will blink back and forth between the **"r"** and the value. To change the value, use the **Hot** temperature button to decrease and the **Warm** temperature button to increase. The value will change in 1¢ increments. The range of values is from $00.00 to $99.99. When the desired right coin value is displayed, push the **Start** button once to store the new value and a second time to move to the next Coin/Price programming step.
To exit the Coin/Price programming mode, push the **Cold** temperature button for 5 seconds.

<u>Stage 2: Left Coin</u> – The display will blink first a **"L"** indicating left coin and then a coin value ($0.25– default). The display will blink back and forth between the **"L"** and the value. To change the value, use the **Hot** temperature button to decrease and the **Warm** temperature button to increase. The value will change in 1¢ increments. The range of values is from $00.00 to $99.99. When the desired left coin value is displayed, push the **Start** temperature button once to store the new value and a second time to move to the next Coin/Price programming step. To exit the Coin/Price programming mode, push the **Cold** temperature button for 5 seconds.

<u>Stage 3: Wash Price</u> – The display will blink first a **"P"** indicating wash price and then display wash price. The display will blink back and forth between the **"P"** and the price. To change the value, use the **Hot** temperature button to decrease and the **Warm** temperature button to increase. The value will change in 1¢ increments. The range of values is from $00.00 to $99.99. When the desired price is displayed, push the **Start** button once to store the new value and a second time to move to the next Coin/Price programming step. To exit the Coin/Price programming mode, push the **Cold** temperature button for 5 seconds.

2.   <u>WATER TEMPERATURE PRICING</u>

The washer can be set for different levels of pricing for Cold, Warm and Hot water. The Cold water setting is considered as the base price, which is the normal washer cycle price.

<u>Stage</u>
4: Warm Water Price – The next step in the pricing program is to set the additional price for Warm water usage. The additional price is the amount added to the price of a cold wash. The display will blink first **"CH P"** indicating cold/hot water mix price and then **"00.00"**. To change the value, use the **Hot** temperature button to decrease and the **Warm** temperature button to increase. The value will change in 1¢ increments. The range of values is from $00.00 to $99.99.

> **Note: To not use this feature, set the price to "00.00".**

When the desired price is displayed, push the **Start** button once to store the new value and a second time to move to the next Coin/Price programming step. To exit the Coin/Price programming mode, push the **Cold** temperature button for 5 seconds.

<u>Stage</u>
5: Hot Water Price – The next step in the pricing program is to set the additional price for Hot water usage. The additional price is the amount added to the price of a cold wash. The display will blink first **"H P"** indicating hot water price and then "00.00". To change the value, use the **Hot** temperature button to decrease and the **Warm** temperature button to increase. The value will change in 1¢ increments. The range of values is from $00.00 to $99.99.

> **Note: To not use this feature, set the price to "00.00".**

When the desired price is displayed, push the **Start** button once to store the new value and a second time to move to the next Coin/Price programming step. To exit the Coin/Price programming mode, push the **Cold** temperature button for 5 seconds. The Coin/Price programming mode will automatically exit and return to the Idle mode if no buttons are pushed for one minute.

3.   PLUS CYCLE OPTION PRICING

Stage 6: Plus Cycle Price -- The next step in the programming sequence is the Plus Cycle feature. The Plus Cycle adds three (3) minutes of wash time to the wash bath only. The controller can be programmed to charge a fee for this or the feature can be turned off. <u>The default setting is off</u>. To turn the Plus Cycle feature off, set the Plus Cycle price to zero.

The display will blink first a **"PC P"** indicating Plus Cycle price and then price (back and forth). To change the value, use the **Hot** temperature button to decrease and the **Warm** temperature button to increase. The value will change in 1¢ increments. The range of values is from $00.00 to $99.99. When the desired price is displayed, push the **Start** temperature button once to store the new value and a second time to move to the next Coin/Price programming step. To exit the Coin/Price programming mode, push the **Cold** temperature button for 5 seconds.

Stage 7: Decimal Point -- The next step in the programming sequence is the decimal point display. The display will start blinking back and forth first **"dP "** (Decimal Point) and then either **"on"** (default) or **"off"**. Press the **Hot** or **Warm** temperature buttons to select the decimal point display as **"on"** or **"off"**.   When the desired setting is displayed, push the **Start** button to store it and a second time to move to the next program.

WASH CYCLE PROGRAMMING

To change a feature of the wash cycle, push and hold the **Hot** temperature button and then push the programming pushbutton on the controller. The Washer must be in the Idle mode to enter the Wash Cycle Programming mode. When entering the cycle programming mode, the Bleach LED will start to blink and continue to blink as long as you are in the Cycle Programming mode.
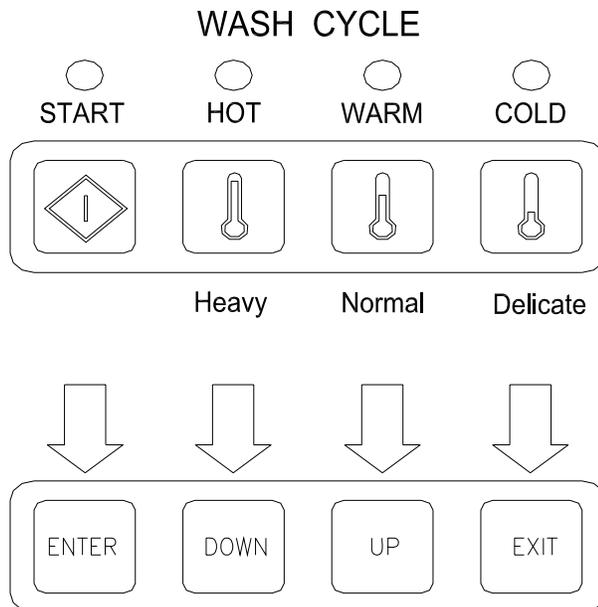
The display will show **"C 0"**. This is the default cycle number.

> **Note:** The washer can be returned to the factory default settings by holding the Start button and then pressing the Warm button. The display must show **"C 0"** to do this. When the cycle default values are loaded, the washer will automatically exit the programming mode.

> **Note:** The Wash Cycle programming mode will automatically exit and return to the Idle mode if no buttons are pushed for one minute.

End of Cycle Alarm: The end of cycle alarm can be turned on or off by pushing the **Hot** or **Warm** temperature buttons until **"AL"** is displayed and pressing the **Start** button. The display will now read **"on"** or **"off"** and can be changed by pressing the **Hot** or **Warm** temperature buttons.   When the desired setting is displayed, press **Start** again.

Modifying the Wash Cycle: To change the wash cycle, push the Hot or Warm temperature buttons until the display changes to **"C 1"**, indicating cycle one is selected. The temperature buttons are used to make changes to the program. In the program mode, the buttons will do the following:

WASH CYCLE

| START | HOT | WARM | COLD |

| ⬦ | 🌡 | 🌡 | 🌡 |

| | Heavy | Normal | Delicate |

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| ENTER | DOWN | UP | EXIT |

When the display shows **"C 1"**, push **START**. The display will show **"b"** and the

PreWash mode light will blink. Use the **Up/Down(WARM/HOT)** buttons to move to the bath that will be changed. As **Up/Down(WARM/HOT)** buttons are pushed, the next bath mode light turns on.

When the **Up (WARM)** button is pushed, the bath mode light changes from Prewash to Wash. With each additional push of the **Up (WARM)** button, the lit bath mode changes from left to right: Prewash, Wash, Rinse and Final Rinse. As there are two possible Rinse bathes, for Rinse1 the Rinse LED and the display changes to **"b"** in the left digit and **"r1"** in the two right hand digits. For Rinse2, the display changes to **"b"** in the left digit and **"r2"** in the two right hand digits. ***Note: The Spin light is not used***. When the **Down (HOT)** button is pushed, the bath mode light changes from Prewash to Final Rinse, etc. There is a wrap around feature in both directions. When the desired bath mode light is on, push **START**.

The selected bath LED begins to blink. The display shows the letters **"ct"** in the left two digits and the bath <u>c</u>ycle <u>t</u>ime in the right two digits. Again the **up/down(warm/hot)** buttons change this value. The range is shown below. If zero time is entered, then the bath will be skipped and the program will return to the bath selection. When the desired cycle time is selected, push **START**.

The display shows the letter "t" in the left digit and the letters **"CC"** appear in the right two digits. This is the bath water <u>t</u>emperature. The selection choices are shown below but for the coin washer the value is defaulted to CC. When the desired temperature is selected, press **START**.

The display shows the letter **"L"** in the left digit and the letters **"LO"** appear in the right two digits. This is the bath water <u>l</u>evel. The selection choices are shown below but for the coin washer the value is defaulted to **LO**. As it is not selectable with a coin washer, the owner pushes **START** to continue.

The display shows the letters **"dF"** in the left two digits and the letter **"t"** appears in the right digit. This is the bath <u>d</u>elay <u>f</u>ill. The selections are **"t"** for counting down bath time during the fill or **"d"** for delay the bath time until water level is reached. When the desired selection is made, push **START**.

The display shows the letter **"S"** in the left digit and the bath <u>s</u>pin time in the right two digits. Again the **up/down(warm/hot)** buttons change this value. The range is shown below. When the desired spin time is selected, push **START**.

The display shows the letters **"IS"** in the left two digits and the injection selection appear in the right digit. For the coin washer the default value is **"0"** and cannot be changed. Push **START** <u>twice</u>.

At this point the bath LED stops blinking. The display will show **"b"** and the next bath LED lights. Again use the **up/down (warm/hot)** buttons to change the bath selection. To exit the programming mode, push and hold **COLD** for 5 seconds. The cycle will be stored when exiting the programming mode.

COIN WASHER CYCLE PARAMETER RANGES

The range of each cycle parameter is shown below:

Cycle Time **"ct"**   0 to 15 minutes for Prewash, Rinse1 and Rinse2
3 to 15 minutes for Wash and Final Rinse
For the bathes that can, if the time is set to zero, then the bath will be eliminated from the cycle.

Water Temperature **"t"**   HH – hot, CH – warm, CC – cold
The owner can set the bath default. For the wash bath, the customer overrides the default for that cycle when the temperature is selected.

Water Level **"L"**   LO – low
The owner can change the displayed value, but for a coin washer only LO will be put into the cycle.

Delay Fill **"dF"**   The selections are "d" for delay the bath time until water level is reached or "t" to countdown bath time during the fill.

Spin Time **"S"**   0 to 10 minutes for Prewash, Wash, Rinse1 and Rinse2
1 to 10 minutes for Final Spin.

"IS"   The owner can change the displayed value, but for a coin washer only 0 will be put into the cycle.

COIN WASHER DEFAULT CYCLE

The following table shows the complete details for the coin washer default cycle.

Bath	Bath Cycle Time (min.)	Water Temp.	Water Level *	Delay Fill	Spin Time (min.)	IS *
Prewash	0	CC	LO	t	0	0
Wash	9	CH	LO	t	0	0
Rinse 1	4	CC	LO	t	1	0
Rinse 2	0	CC	LO	t	0	0
Final Rinse	5	CC	LO	t	4	0

Note *   These default values are preset and cannot be changed.

RAPID ADVANCE MODE

To enter the Rapid Advance mode, push and hold the **Cold** water temperature button and then push the programming button on the controller. There will be no observed change to the washer or the display. The Rapid Advance mode can be entered from either the Idle mode or during the cycle. To rapid advance to the next step in the wash cycle, push the **Start** and **Warm** temperature buttons at the same time. The display will show an **"Ad"** (advance) in the display. The washer will advance to the next bath segment.   The water will drain before the advance will occur.

The Rapid Advance mode will not end until the final bath segment is completed.   The final segment cannot be skipped in Rapid Advance mode.

Notes: 1.   When the Rapid Advance mode is used, cycle time will no longer be correct.
2. By skipping steps with rapid advance, the door may not open immediately at the end of the cycle.

INTEGRATED EASY CARD MODELS

Some Dexter washers are factory equipped with a card reader that is used with Dexter's Easy Card debit card system. The card reader signals the washer control when money is debited from the user's card account to satisfy the price of the wash cycle. The washer's pricing and the Easy Card system pricing are completely independent of each other and must be programmed separately and coordinated.   Refer to the instructions that came with the Easy Card system for complete information.