Triton

THIS DISHWASHER IS PROGRAMMED WITH A SERVICE MODE TO AID THE TECHNICIAN IN TROUBLESHOOTING THE DISHWASHER. EACH COMPONENT MAY BE CYCLED TO DETECT IF IT IS FUNCTIONING CORRECTLY. COMPONENTS ARE CYCLED BY PRESSING KEYPADS TO THE RIGHT OR LEFT OF THE START/RESET KEYPAD. DETERMINE WHICH TYPE OF CONTROL PANEL IS PRESENT (FLAT OR BOWED) AND THEN USE THE MATRIX BELOW TO DETERMINE HOW CYCLE EACH COMPONENT.

FLAT PANEL

Indicates Keypad Used Only on Some Models

BOWED PANEL

Indicates Keypad Used Only on Some Models

TO ENTER SERVICE MODE:
PRESS THE COOKWARE (POTS & PANS ON SOME MODELS) AND THE HEATED DRY KEYPAD SIMUTANEOUSLY FOR 3 SECONDS.

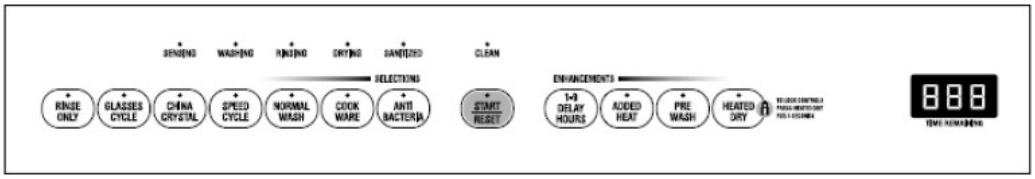
TO EXIT SERVICE MODE :
PRESS THE START/RESTART KEYPAD AT ANYTIME TO EXIT.

TRITON XL SERVICE MODE TEST MATRIX *			
KEYPAD PAD	CONTROL TYPE	DESCRIPTION	TIME in seconds**
Keypads to the left of the Start/Reset keypad (Selections)			
1L	FLAT	Activates Drain Pump	75
	BOWED	Activates Detergent Module	
2L	FLAT	Activates Detergent Module	60
	BOWED	Activates Main Pump	
3L	FLAT	Activates Main Pump	75
	BOWED	Activates Heating Element	
4L	FLAT	Activates Heating Element	300
	BOWED	Activates Drain Pump	
5L	FLAT BOWED	Activates Water Valve (Length of time is model dependent)	50 or 71
START/RESET		Used to EXIT Service Mode	
Keypads to the right of the Start/Reset keypad (Enhancement/Extras)			
1R	FLAT BOWED	Activates the following in order: Status LEDs; Wash LEDs; Start/Reset and Option LEDs; finally "888" will be shown on the 3 digit display (some models)	3 seconds each cycle
2R	FLAT	Opens Active Vent	
	BOWED		
3R	FLAT	Closes Active Vent	
	BOWED		

***NOTE : Service mode may be used for 30 minutes maximum. After 30 minutes the service mode will automatically turn off.**

****NOTE : Component will be activated for indicated time. Component may be deactivated by pressing the same keypad that was pressed to activate the component.**

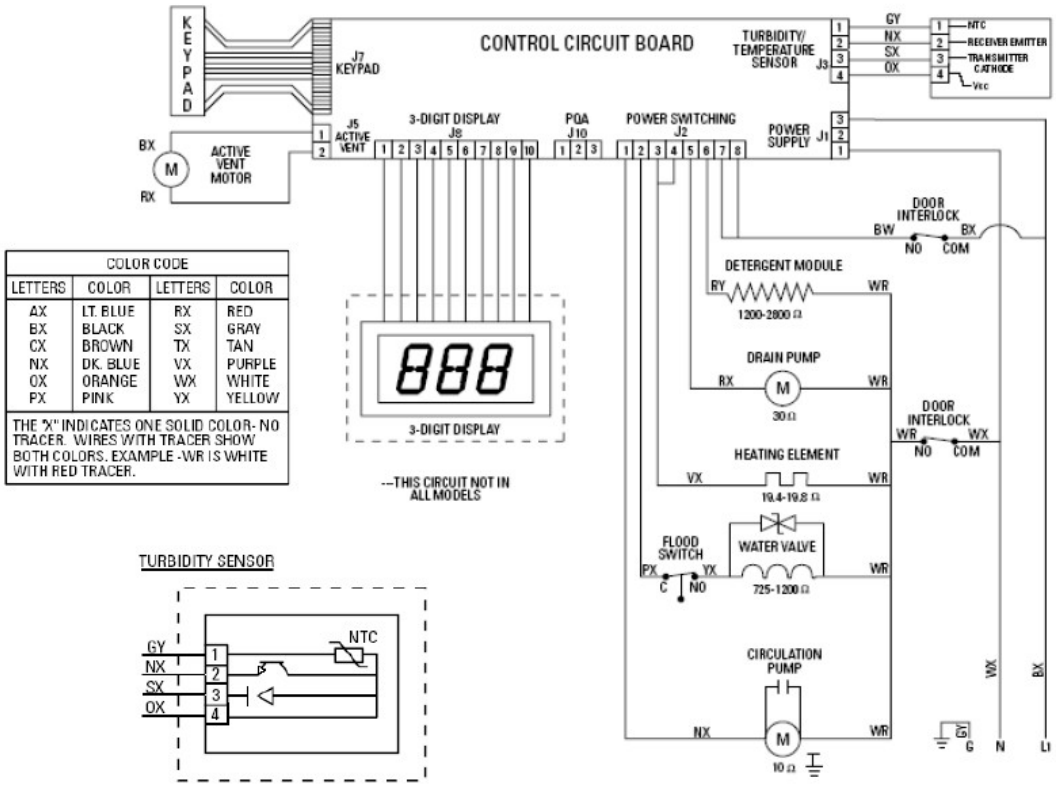
Factory test mode is the most accurate way to test the turbidity sensor circuit (circuit contains control module, wiring, and turbidity sensor). Factory test mode will test the thermistor (used for automatic temperature control) that is contained in the turbidity sensor and will test the transmitter that is contained in the turbidity sensor.



Entering Factory Test Mode

Note: This mode can only be entered within the first 2 minutes after power-up. After 2 minutes, factory test mode is unavailable.

1. Disconnect power from dishwasher. Wait 10 seconds and connect power to dishwasher.
2. Press the NORMAL WASH keypad and POTS & PANS (or COOK WARE) keypad at the same time for 5 seconds (This step must be performed within 2 minutes of power-up).
3. The following sequence should occur:
   a. All LEDs illuminate for a short period of time.
   b. Water valve activates. The dishwasher will fill for the appropriate amount of time.
   c. Circulation pump activates. The dishwasher will circulate for approximately 1 minute.
   d. Turbidity sensor check. The control module will check the thermistor circuit, the turbidity (transmitter) circuit, and calibrate itself to the turbidity sensor (transmitter). The turbidity sensor check lasts for 20 to 30 seconds.
      - If the turbidity sensor check fails, the control module will beep continuously and the Lock LED will be illuminated. The control module, wiring, and turbidity sensor are suspect if the turbidity sensor check fails. Press any keypad to stop the control module beeping and move to the next step in the factory test mode sequence.
      - If the turbidity sensor check passes, the control module will automatically move to the next step in the factory test mode sequence.
   e. Drain pump activates. Allow the dishwasher to pump out all water (approximately 75 seconds). After the water has been pumped out, the dishwasher will begin to fill again. Press the START/RESET keypad while the dishwasher is filling. The dishwasher will then pump out for approximately 2 minutes and then return to normal operation. The dishwasher will automatically exit factory test mode 1 hour and 10 minutes after the test was initiated if the START/RESET keypad is not pressed to exit.



COLOR CODE			
LETTERS	COLOR	LETTERS	COLOR
AX	LT. BLUE	RX	RED
BX	BLACK	SX	GRAY
CX	BROWN	TX	TAN
NX	DK. BLUE	VX	PURPLE
OX	ORANGE	WX	WHITE
PX	PINK	YX	YELLOW

THE "X" INDICATES ONE SOLID COLOR- NO TRACER. WIRES WITH TRACER SHOW BOTH COLORS. EXAMPLE -WR IS WHITE WITH RED TRACER.

TURBIDITY SENSOR