

Diagnostic assistance program

Medium top-loading Brandt washing machine Malice

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1. Test Program

Launch Procedure:

Check that the drum is empty then:

To enter test mode, disconnect and reconnect the mains then, in the first seconds after power-on, keep pressing on the 2 extreme option keys (arrows yellow) for at least 3 seconds. The commercial speed is displayed on the screen.



OU



Note :

- *The door is locked at the beginning of each test and unlocked at the end of test.*
- *In case of failure on one of the tests, and if all the verification points of the test are OK, so check the electronic module*

Test mode output: Press on / off or switch off the machine				
Step Passage	Step	display	Test	In case of dysfunction, it takes control...
Press on "Start"		To0	<p>Interface test: Support successively on all the keys (EXCEPT Start pause) LEDs light up following the pressed key.</p>	<p>In case of failure, the test is interrupted and the default is flashing on the display (see Appendix fault codes).</p>
Press on "Start"	LedOptiA 39 minutes displayed	To1	<p>Activation of the order from lock (and motor)</p>	<ul style="list-style-type: none"> ■ The closing of door - the lock and its wiring (side card and lock side) ■ The wiring of motor (card side and motor side) ■ The motor ■ No water leak on the tachymeter ■ The wiring of the stop sensor positioned

Press on «Start»	Flash 25 minutes	To2	<p>Water valve command for admission of water on the tray Javel until high level</p> <p>Activation of the command of Heating (set point 34 ° C)</p> <p>Display “yes” If OK</p>	<ul style="list-style-type: none"> ■ The heating element and its wiring (side map and side component) ■ The thermistor and its wiring (of 2 sides) ■ The opening of tap ■ The pressure switch and its cabling (of 2 sides) ■ Water valve and its wiring (on both sides) ■ The leakage system (if he is present) ■ The micromotor of distribution and its cabling (of 2 sides) ■ The lock and its wiring (side card and lock side) ■ The wiring of the stop sensor positioned
Press on «Start»	Cotton Towels	To3	<p>Order from cadence motor 4 / 4-50 (with inversion) and emptying during 30s</p> <p>Display “yes” If OK</p>	<ul style="list-style-type: none"> ■ The Motor and its wiring (side card and lock side) ■ The motor ■ No water leak on the tachy ■ Closing the door ■ The lock and its wiring (side card and lock side) ■ The wiring of the stop sensor positioned
Press on «Start»	Cotton Eco	To4	Not used on this product	<ul style="list-style-type: none"> ■ Not used

Press on «Start»	Cotton + prewash	To5	<p>Drain Pump control Rise high Speed of the model with pump drain on</p> <p>Step of 1mn at VMAX IDisplay “yes” If OK</p>	<ul style="list-style-type: none"> ■ The mains voltage ■ The wiring of motor (card side and motor side) ■ The motor ■ Closing the door ■ The lock and its wiring (side card and lock side) ■ The drain pump and its wiring (side card and drum pump side) ■ No water leak on the tachy ■ The wiring of the stop sensor positioned
Press on «Start»	Mixte	To6	<p>Pump control emptying until low level</p> <p>Command of the solenoid valve for admission of water by the bleach compartment</p> <p>[1,5s ON + 2s OFF] x 2</p> <p>Display “yes” If OK</p>	
		To7	not used in after sales services	
		To8	not used in after sales services	
		To9	not used in after sales services	

2. Error codes

Restarting a test after an error: use the selector to start another test and, possibly, to return to the same test.

LCD DISPLAY	ERRORS	CONSEQUENCES
d01	Filling error or incorrect wiring or pressure sensor malfunction or closed valve	Pause mode with flashing error light
d02	Drainage error or incorrect wiring or pressure sensor malfunction or clogged filter	Pause mode with flashing error light
d03	Incorrect wiring or heating malfunction (immersion heater)	No heating but the display is normal
d04	Motor TRIAC short-circuit error	Cycle interrupted + draining to low water level (N1) + 30s => End of cycle display
d05	Incorrect wiring or NTC error	No heating but the display is normal
d06	Jammed rotor error or incorrect wiring or no speed feedback (tachometer)	Pause mode with flashing error light
d07	Door locking error or door open or motor with an open circuit (unplugged) Or speed feedback error (SEE Do6)	Pause mode with flashing error light
d10	Water level pressure sensor triggered	Cycle interrupted + draining to low water level (N1) + 30s => End of cycle display
d15	Drum jammed/the motor is not able to reach its required speed	Cycle interrupted + draining to low water level (N1) + 30s => End of cycle display

AFFICHAGE LCD	DÉFAUTS	CONSÉQUENCES
d17	Stop sensor positioned out of service or disconnected or stuck drum or cut belt	Cycle interrupted +draining to low water level (N1) + 30s => End of cycle display
d20	Wrong wiring or water dispenser fault	Cycle interrupted +draining to low water level (N1) + 30s => End of cycle display
d26	Problem on the card of the Brushless motor - the motor is forced to stop	Cycle interrupted +draining to low water level (N1) + 30s => End of cycle display
d31	Communication problem of the bus (UBB) between the motor and the electronic control board: <ul style="list-style-type: none"> ■ Cut wire ■ disconnected connector ■ Problem on the components (UBB) 	Cycle interrupted +draining to low water level (N1) + 30s => End of cycle display