

***WASHING MACHINE
SERVICE MANUAL***

TECHNICAL FEATURES

ENERGY LABEL

NAME PLATE

AUTO TEST

DETERGENT BOX GROUP WORK PRINCIPLE

DISASSEMBLY

TECHNICAL FEATURES

✍ Capacity	: 5 kg, 6 kg, 7 kg, 7.5 kg
✍ Colour	: White
✍ Spinning	: 600 RPM, 800 RPM , 1000 RPM, 1200 RPM, 1400 RPM, 1600 RPM
✍ Voltage	: 220-240 V
✍ Frequency	: 50 Hz
✍ Ampere	: 10 A
✍ Total electrical power	: 2200 W

DRAIN PUMP

Voltage	: 230 V
Ampere	: 0,2 A



HEATING

Electrical power	: 1850 W
With NTC	: Yes
Voltage	: 230 V



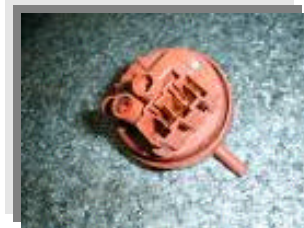
VALVE

Voltage	: 230 V
---------	---------



PRESSURE SWITCH

Voltage	: 250 V
Ampere	:16(4) A



Max flow over the PSW can reach is 16A on the set level & shared connect and continuously max flow is 4A declared.

DOOR LOCK

Voltage : 250 V
Ampere : 16(4) A



Maximum flow over the connect in the door lock when it is on is 16A.

POWER CABLE

Voltage : 250 V
Ampere : 16 A



MOTOR

Voltage : 220-240 V
Frequency : 50 Hz



ELECTRONIC CARD

Voltage : 160-265 V



ENERGY LABEL

ENERGY LABEL

LOGO:XXXXXX
MODEL:XXXXX

ENERGY PERFORMANCE

A

ENERGY CONSUMPTION

5 KG : 0,95 kWh/program
6 KG : 1,14 kWh/program
7 KG : 1,33 kWh/program
7,5 KG : 1,42 kWh/program

WASHING PERFORMANCE

A

SPINNING PERFORMANCE

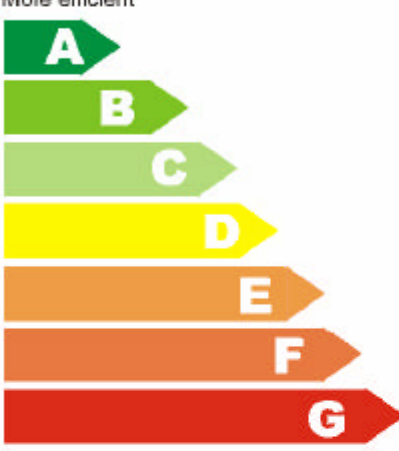
600 RPM : E
800 RPM : D
1000 RPM : C
1200 RPM : B
1400 RPM : B
1600 RPM : A

CAPACITY

5 KG
6 KG
7 KG
7,5 KG

WATER CONSUMPTION






5 KG : 43 lt
6 KG : 49 lt
7 KG : 62 lt
7,5 KG : 63 lt

Energy		Washing Machine
Manufacturer		LOGO
Model		XXXXX
More efficient  Less efficient		A
Energy consumption kWh/program (Based on standard test made at 60°C cotton wash program) Actual consumption will depend on how the appliance is used and where it is located.		X.XX
Washing performance A: High B: Low		A B C D E F G
Spinning performance A: High B: Low Spin speed (rpm)		A B C D E F G XXXX
Capacity (cotton) kg		XX
Water consumption lt Loud (Dbre 1 pW) Washing Spin		XX
Further information is contained in product brochures.		
Norm EN 60456		

NAME PLATE

NAME PLATE

LOGO

MODEL: XXX	BASIC TYPE NO: XXXXXX
220-240V ~ 50Hz	 
 10 A	
 XXX /min	
W Max 2200 W	

BARCODE

SN:

SERIAL NUMBER:
00600498000014460049

00 empty
600498 product code
00001446 orders for goods code
0049 serial number

20601712040401
20601712 label number
04 year
04 month
01 day

MODEL:XXXXX

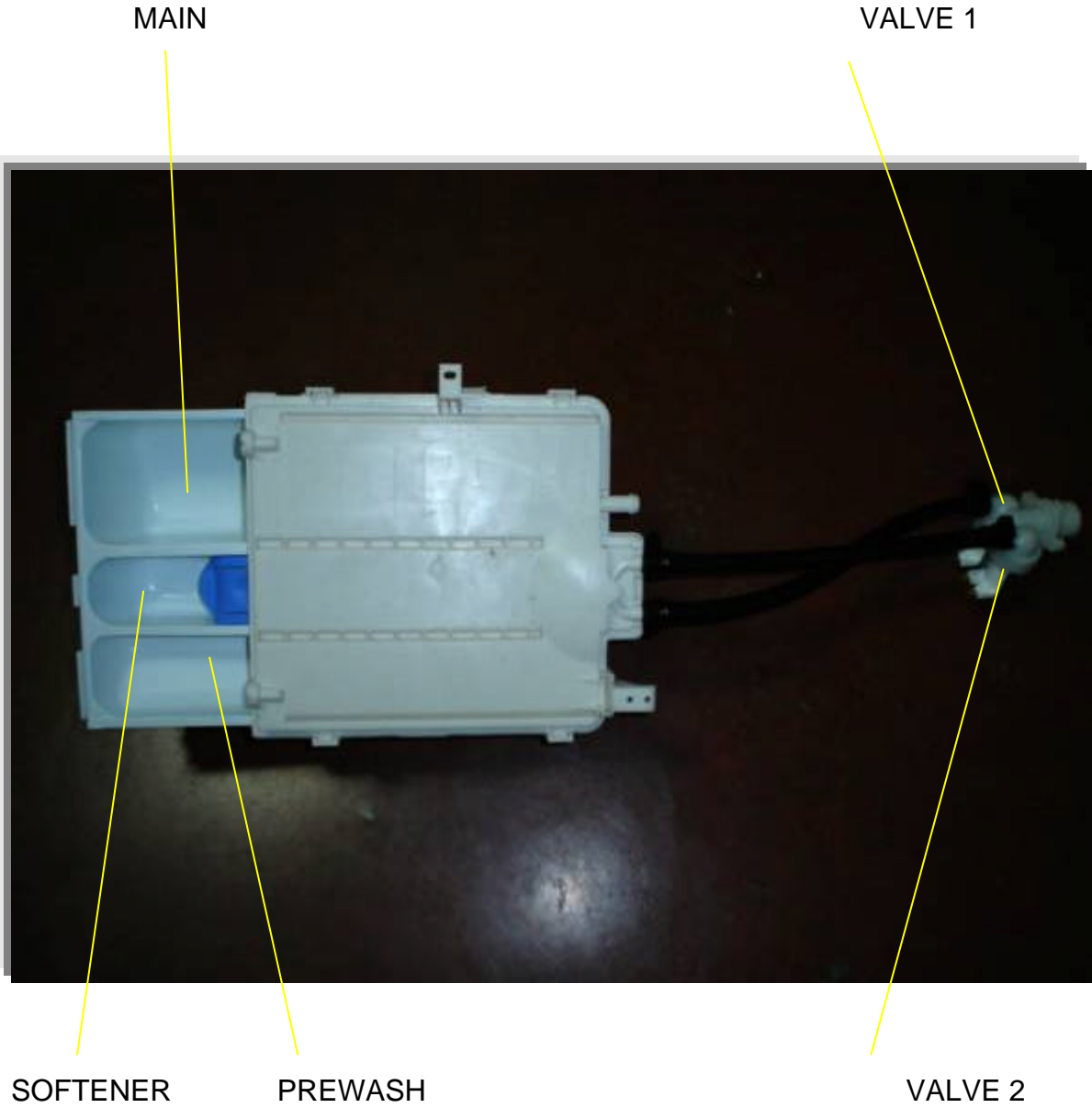
LOGO:XXXXX

:Ⓢ XXXX

AUTO TEST PROGRAM

Time in seconds (to be adjusted)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	
Entering autotest	█																												
Changing power to 220-50Hz																													
Main Voltage 50 Hz																													
Door Lock Powered (Depends on door lock)		█																											
Motor Ramp to max spin																													
Time until motor is stopped (Depends on the motor stop time)																													
Motor Preferred Run (Direction to Right)																													
Motor Inverse Run (Direction to Left)																													
EV1 0.16 (flowrate dependent of washer)																													
EV2 0.16 (flowrate dependent of washer)																													
EV Hot																													
Test stopped until option 1 is pressed (test blinking)																													
PWMV values up to pressure switch level (Depends on the water level)																													
Heater resistance																													
Pump																													

DETERGENT BOX GROUP WORK PRINCIPLE

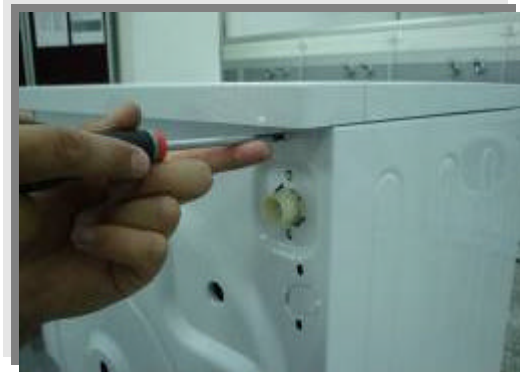


PREWASH = WATER ENTRY VALVE 1
MAIN = WATER ENTRY VALVE 2
SOFTENER = WATER ENTRY VALVE 1 + VALVE 2

DISASSEMBLY

TOP PLATE

Remove two screws that fix the top-plate at the back.



Push the top-plate back and pull it up.

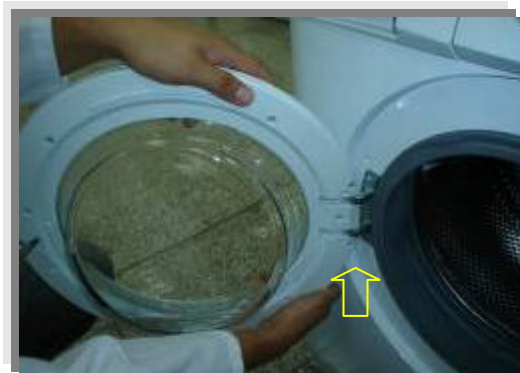


DOOR

Remove two screws that fix the door.



Pull the door up.



Remove nine screws that fix the door group.



Remove the door inside plastic as it is shown in the picture.



Remove the door hinge as it is shown in the picture.



Remove the door glass as it is shown in the picture.



Remove the door handle as it is shown in the picture.



Remove the door handle pin as it is shown in the picture.



Remove the door handle spring as it is shown in the picture.



Remove the door lock tongue as it is shown in the picture.



GASKET

Pull the gasket as it is shown in the picture.

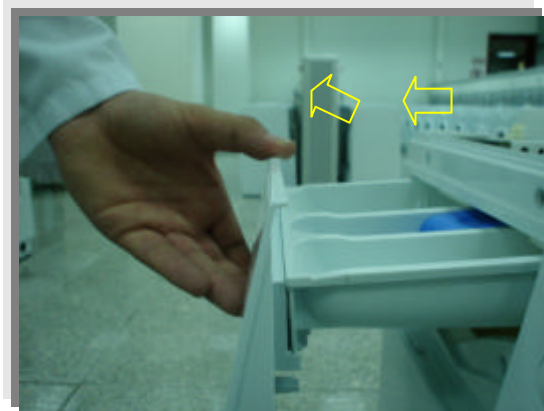


Remove the gasket-body fixing spring.



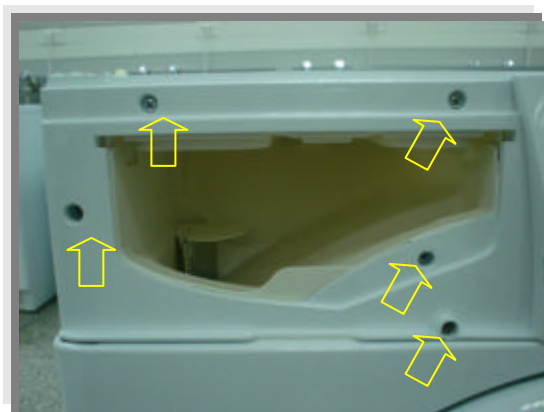
DETERGENT DRAWER

Remove the detergent drawer and pull it up carefully.

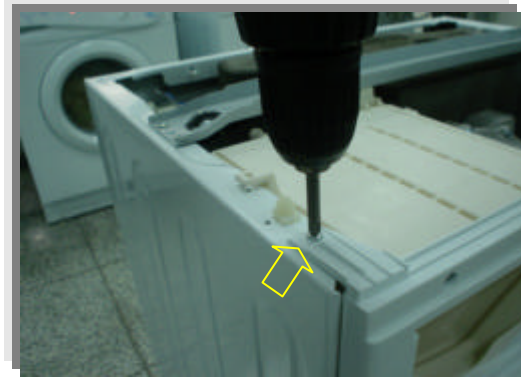


CONTROL PANEL

Remove five screws which fix the control panel to the front panel.



Remove two screws fixing the control panel.



Remove one screw fixing the detergent box group.



Pull the control panel up.



Remove wires as it is shown in the picture.



Remove four screws fixing the electronic card.



Remove the electronic card as it is shown in the picture.



KICKPLATE

Remove the right part of the kickplate as it is shown in the picture.



Remove the screw fixing the kickplate.



Remove the kickplate as it is shown in the picture.



FRONT PANEL

Remove two screws fixing the front panel at the bottom.



Remove two screws fixing the door lock.

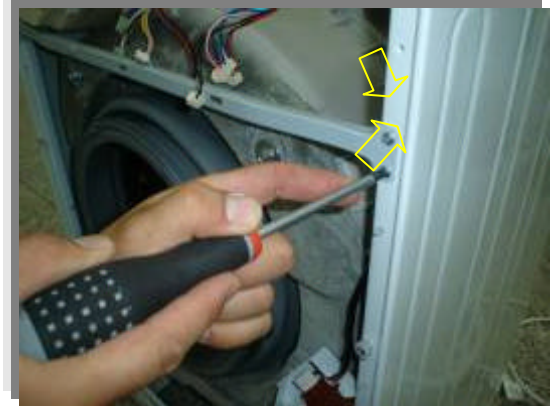


Push it down and remove the front panel.



MEDIUM SUPPORT BRACKET

Remove four screws fixing the panel.



DETERGENT DRAWER HOUSING

Remove the tub seal connector, which is attached to the detergent drawer housing.



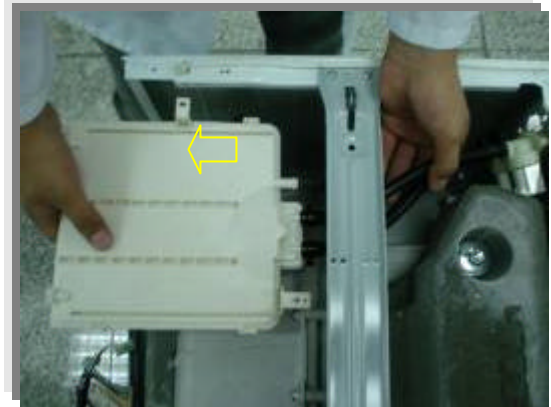
Remove the wire that is connected to the valve.



Remove the valve connection.



Remove the detergent drawer housing assembly.



POWER CABLE GROUP AND PARASITE FILTER

Remove the wire that is connected to the parasite filter.

Remove two screws fixing the parasite filter.



Remove the power cable group as it is shown in the picture.



PRESSURE SWITCH

Remove the wire that is connected to the pressure switch.



Remove the pressure switch as it is shown in the picture.



Remove the pressure switch hose handcuffs
And pressure switch hose as it is shown in
the picture.

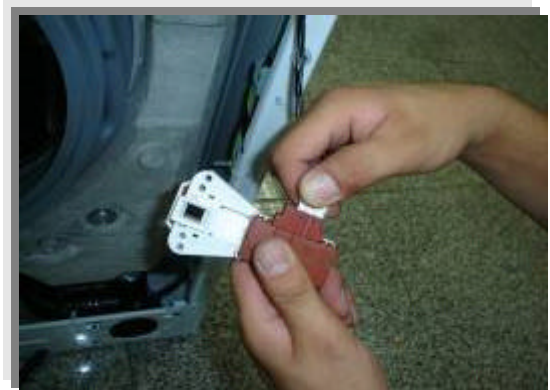


DOOR LOCK

Remove the screw of the door lock.



Remove the wire that is connected to
the door lock.



PUMP MOTOR

Remove pipe clip that fixes the drain hose.



Remove pipe clip fixing the tub outlet hose.



Remove the wire that is connected to the pump motor.



Remove four screws fixing the pump motor.



HEATER

Remove the wire that is connected to the heater.



Remove one nut fixing the heater.



FRONT COUNTERWEIGHT

Remove four screws fixing the front counterweight on the front.



Pull the counterweight back.



Hold the gasket and gasket-body fixing spring together, and pull them up.



SHOCK ABSORBER PIM

Remove two pims fixing the shock absorber.



UPPER COUNTERWEIGHT

Remove two screws fixing the upper counterweight.

Recommended torque : 16.5 N



TUB

Remove four screws fixing the spring hanger sheet iron.



Remove the washing group as it is shown in the picture.



INSULATING BELT

Remove the insulating belt as it is shown in the picture.



Notes :

- 1) Insulating belt is used on the washing machines which do not have tub earth cable.
- 2) There is a new label on the belts as seen below, indicating the insulating feature of the component.

⚡⚡⚡ tested ⚡⚡⚡
⚡⚡⚡ tested ⚡⚡⚡

3) If belt will be ordered for the productions after 01.05.2008, the spare part orders should be done via the related production order part lists. (*See the production orders on the service website.*)

DRIVEN PULLEY

Remove the screw fixing driven pulley.



MOTOR

Lay down the machine with an angle of 45° to the floor. Disconnect wires and remove the screws fastening the motor under the tub. Pull the motor up for disassembly.



TUB

Remove seventeen screws fixing tub.

Recommended torque : 4.65 N

