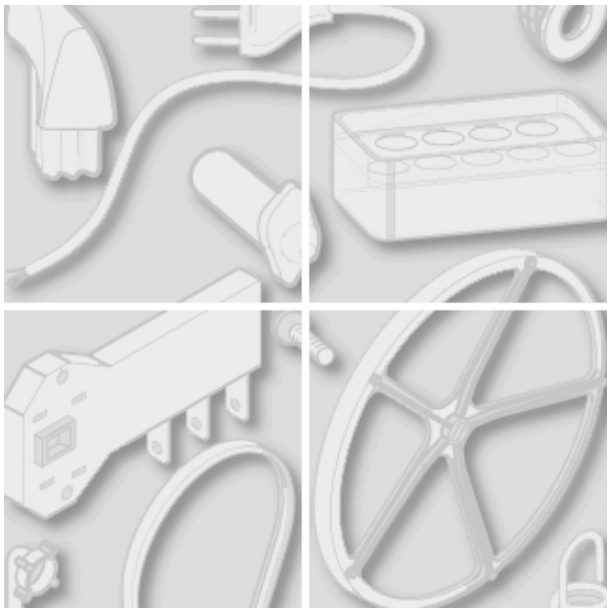
Merloni Elettrodomestici



Model type:
CDE12X

Commercial code:
27226

General notes

Technical Documentation guidelines

You can find herewith some generic information to simplify cunsulting of technical documentation:

1. Models of same range share the same exploded views, which report the richest set of spare parts:generally, a model does not necessarly have a related spare part for each particular shown on exploded views.

2. Some spare parts can not be represented directly on the exploded views (instruction booklets, specific kit, etc...). You can find those codes in the spare parts list with the same reference of particular where spares are installed or with references 099, 999. Instruction booklets, once managed, appear with 000 reference.

3. On the higher right site of each exploded view there is a serial number which indicates the beginning of the production of certain range:some models might have more than an exploded view for a given category, each distinguished by a different serial no.and linked to another spare parts list, In this case, serial no. is required to supply the right spare part code. Exploded view to be considered is the one with a more recent serial no. but previous than the one of the model that needs assistance.

4.Exploded views might require further updates even after publishing. Addition of new spares will go on following the already existing numeration references. Revision number of an exploded view is shown into last four digits of serial number into upper right hand corner.

5.The spare parts list associated to an exploded view shows related codes of spares managed for a certain model; for each spare part other informations are available:

REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

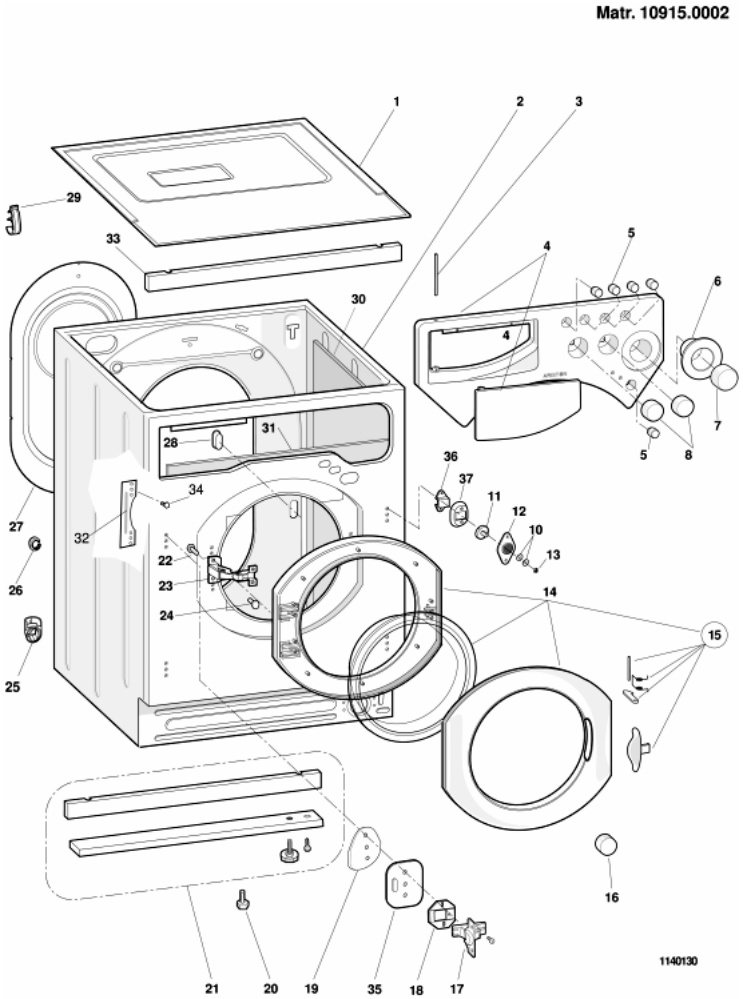
INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

6. Some notices, into a same section are generic therefore cannot be directly linked to a spare part. In order to assist a model in the best way as possible, it is helpful to pay attention to all notices and constantly verify documentation updates

7.Technical documentation cover shows model name and its commercial codes

pdf_tavola_title_ENG

cod. 1140130



Spare parts list

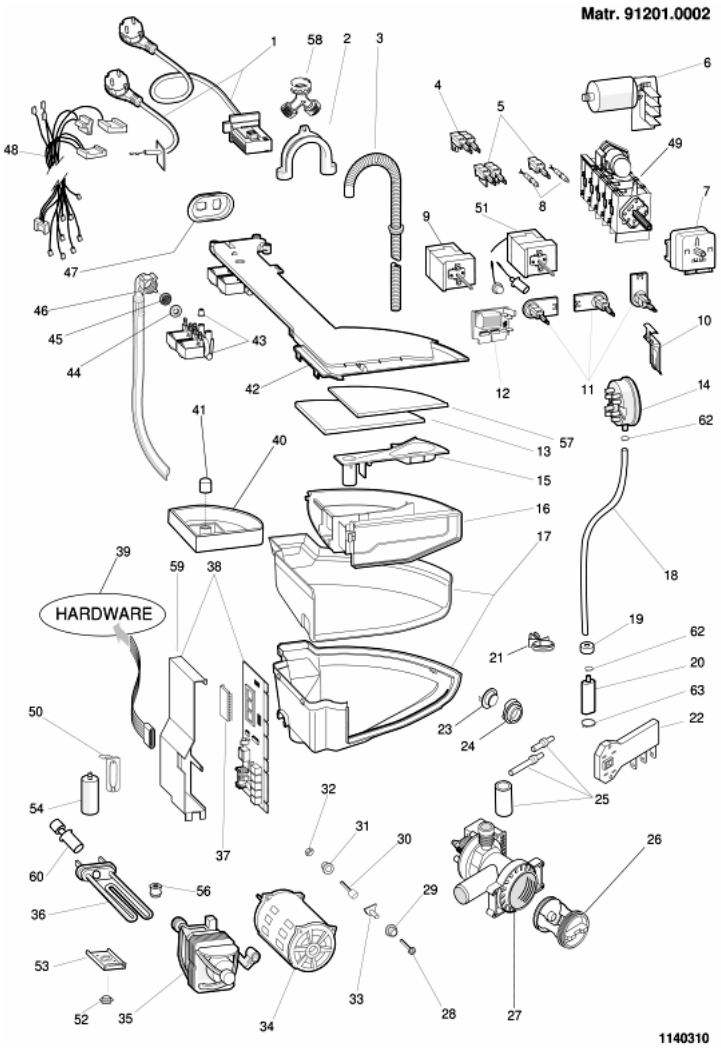
Spare parts list cod. 1140130

Ref.	Code	Substitute	Industrial code	Description	Notice
000	C00056262	1 C00087354		installation hinge kit	
000	C00084868			door fixing - template	
000	C00087868			upper cover	
000	C00087967			user instructions booklet i-gb-f-d	
000	C00087968			user instructions booklet nl-e-p	
001	C00084883			cabinet cover	
002	C00084808	1 C00090573		cabinet white	n1040276
002	C00090573			cabinet white	n1040276
003	C00065186			pivot pin - drawer front 108.5x5 mm ab	
004	C00087813			control panel + handle	
005	C00084811			pushbutton white	
006	C00087812			knob timer disc	
007	C00084812	1 C00087814		components / timer knob white 27	n1040241,n1040241
007	C00087814			wash timer knob white kit	n1040241,n1040241
008	C00064512			temperature knob white	
008	C00082822			delay-timer knob (kit) white 27	
010	C00045655			magnet regulation washer	
011	C00033428			magnet	
012	C00045656			magnet support	
013	C00024221			push on fix ring	
014	C00087818			door frame and glass assy	
015	C00065250			door handle kit	
016	C00056248	1 C00087353		rubber buffer h=25,5 mm grey	

017	C00056261			furniture door hinge	
018	C00055738			hinge support shim 7,8 mm	
019	C00055735			door hinge support	
020	C00084810			foot - rear m8	
021	C00084867			kit base x built-in washing-machines	
022	C00074149			bolt m4x9 tesrfr	
023	C00064541			hinge assy-outer case/door 180	
024	C00065185			bolt m4,5 x 11	
025	C00046666			collar for drain hose	
026	C00003144			blanking plug 11mm	
026	C00065871			blanking plug	
027	C00064501	1 C00099313		rear cover - white	
028	C00084817			blanking plate-rear(test plug)	
029	C00046667		80272260000	wiring stop	n1040282
029	C00064550			dain hose holder	n1040282
029	C00091904		80272260030	cable clamp hose	n1040282
032	C00064539			hinge plate door	
033	C00085004			door strip - white	
035	C00086464	1 C00087348,1 C00087350,1 C00087353		hinge plate spacer shim 3 mm	
036	C00058277	1 C00058030		bolt plate	
037	C00058030			kit magnet fore sight	
037	C00058278	1 C00058030		bolt plate support	
099	C00077411			package	

pdf_tavola_title_ENG

cod. 1140310



Spare parts list

Spare parts list cod. 1140310

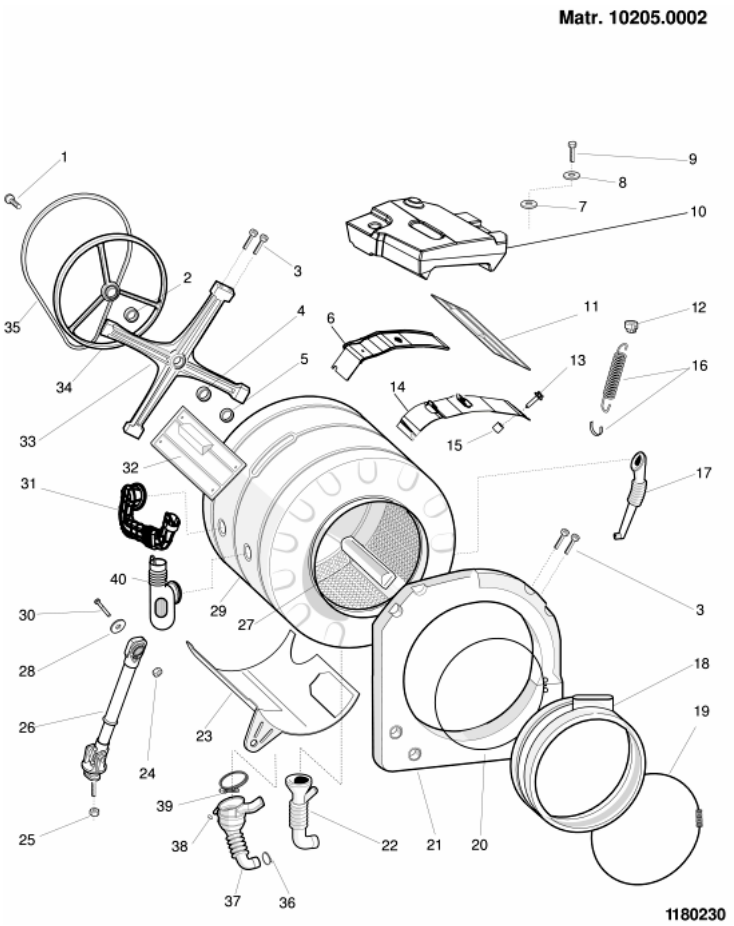
Ref.	Code	Substitute	Industrial code	Description	Notice
001	C00064563			supply cable 3x1 schuko 1,5 m	n1040276
001	C00091633			supply cable 3x1 schuko 1,5 m + r.i.s.	n1040276
002	C00019902			plastic -u- to make drain hose hook	
003	C00027466			drain hose - to sink l=1860mm	
005	C00058465			push button switch na+na on-off	n1040246
005	C00075445			push button switch na	n1040246
005	C00088394			push button switch na idc	n1040246
006	C00064559			radio interference suppressor	
007	C00083916			programme select elbi 1665 rast.2 8 pos.	
008	C00057635			red pilot lamp 230v ariston	
008	C00074501			pilot light red 12 v led ariston	
008	C00086663			pilot light red 12 v rast 2.5	
008	C00089025			pilot light red 230v ra2,5	
010	C00064537			support - pressure switch	
011	C00057242			potentiometer 8 pos.	
011	C00085195			potentiometer 8 pos. idc rast 2,5	
013	C00065733			support - programme guide tbc	
014	C00080666		80272260000	pressure switch 1 l. + antiowerflow	n1040282
014	C00088393		80272260000	pressure switch 1 l. + antiowerflow	n1040282
014	C00092262		80272260030	pressure switch 1 l. + antiowerflow	n1040282
015	C00046154			fabric conditioner cover	
016	C00046148			soap dispenser drawer (rotary)	
017	C00064529		80272260000	dispenser body	n1040282

017	C00092176		80272260030	dispenser body	n1040282
018	C00041785		80272260000	air trap hose 540 mm.	n1040282
018	C00092170		80272260030	air trap hose 470mm. evo ii	n1040282
019	C00019755			anti-vibration bush (foam)	
020	C00064532	1 C00092173	80272260000	air trap	n1040282
020	C00092173		80272260030	air trap x oko	n1040282
021	C00064530			clip-pressure switch tube	
022	C00011140			door interlock flange black	n1040229
022	C00056511			self-tapping screw 8p x 12,7 zc	n1040229
022	C00085194			door interlock	n1040229
023	C00053573			temperature sensor ("control") - white	
024	C00014917			grommet - thermostat	
024	C00020181			blank grommet - thermostat	
026	C00045027			filter element kit	
027	C00080667		80272260000	self cleaning pump	n1040282
027	C00092264		80272260030	self cleaning pump	n1040282
028	C00074152			bolt m6x30	
028	C00084029			bolt motor m6x34	
029	C00074151			rubber bush - motor mount	
030	C00074153			spacer motor support l= 187 mm	
032	C00040932			self locking nut m6	
035	C00043430			tacho generator black for ice motor	
035	C00047317			brush for motor (ice)..940n2101/940n1i01	
035	C00074221			motor	
036	C00064556		80272260000	heating element+termal cut-out 1700w/230v	n1040300
036	C00066086		80272260030	heating element+termal cut-out 1700w/230v	n1040300
037	C00087971	1 C00092718	80272260000	eeprom cde12x 80272260000 mat.202180001	n1040078,n1040061,n1040282,n1040300
037	C00092718		80272260030	eeprom cde12x software 28272260031	n1040078,n1040061,n1040282,n1040300
038	C00080668	1 C00093153		module (less eeprom) sw 2.01	n1040061,n1040078,n1040242,n1040242
038	C00089416	1 C00093158		module (less eeprom) idc w.d	n1040061,n1040078,n1040242,n1040242
039	C00066292			insulated tweezers	n1040066,n1040211,n104006
039	C00077454	1 C00084566		housing seriale lb2000-pc white	n1040066,n1040211,n104006
039	C00084943	1 C00099862		serial cable lb2000 - pc	n1040066,n1040211,n104006
040	C00046152			additive container	
041	C00046157			stopper detergent container	
042	C00087972			hopper cover 1e 3u 3ev	
043	C00064534			seal - electrovale/dispenser	

043	C00087975	3-way electrovalve 1e-3u 7 l eccentric	
044	C00005572	sealing washer-mains inlet hose	
045	C00005781	inlet hose filter	
046	C00003070	mains inlet hose cold 25c 10bar 1500 mm	
047	C00084840	electrovalve support 1 ev	
048	C00087816	wiring	n1040229,n1040276
048	C00090778	wiring	n1040229,n1040276
056	C00058523	pillar retainer-heating element	
059	C00075941	bracket for module	
062	C00092412	hose clamp	
063	C00008612	tube clamp 34,6-36,4	

pdf_tavola_title_ENG

cod. 1180230



Spare parts list

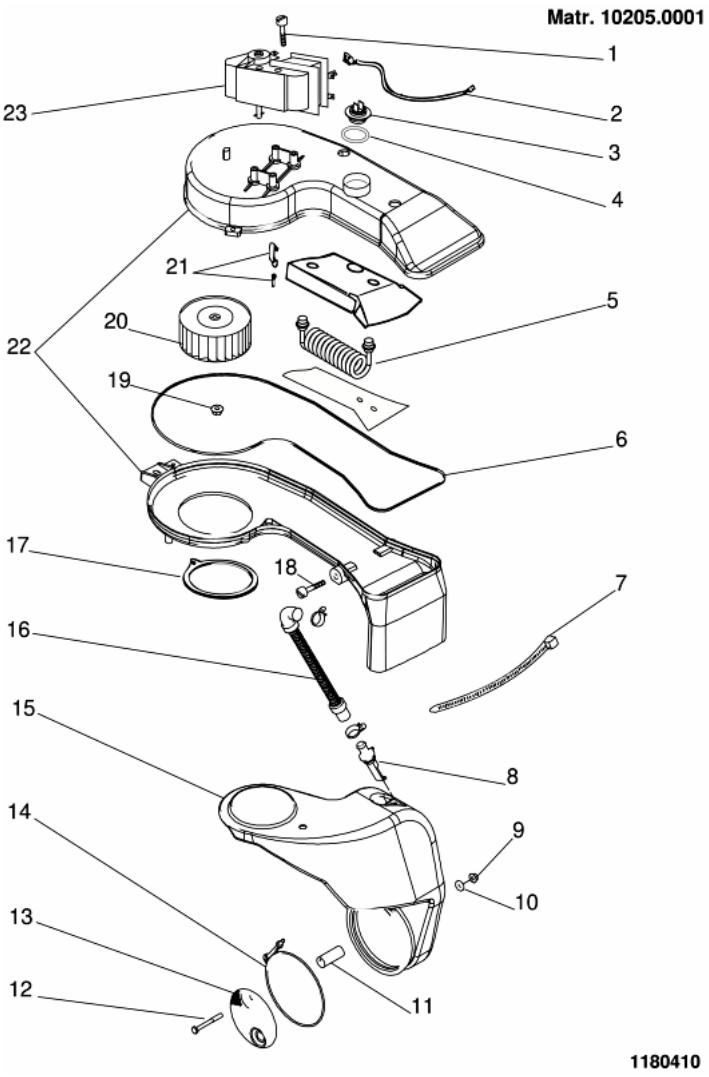
Spare parts list cod. 1180230

Ref.	Code	Substitute	Industrial code	Description	Notice
001	C00064786			bolt m8x20 tefl	
002	C00013563			bearing 25 x52 x 15 6205-2z	
003	C00051737			torx m8 x 27 dri-loc screw	
003	C00064785			bolt m8x22 tb6lt	
004	C00002591		80272260030	bearing 20x47x14	n1040300
004	C00044765			bearing 6206-2z	n1040300
005	C00082696			standard oil seal v4-406	n1040300
005	C00096186		80272260030	standard oil seal cv4	n1040300
006	C00080651			rear support	
007	C00075326	1 C00085574		washer m8.5x35x3	
008	C00055018			washer m8	
009	C00014342			bolt m8x75 te	
010	C00087811			upper counterweight 8,2 kg	
011	C00080761	1 C00064517		tank cradle channel-top dx wd dx/sx-aml	
012	C00064515			anchorage pad - suspension spring	
013	C00080652			bolt m8x36 tefl. zig. p/p	
014	C00080650			front support	
015	C00080653			spacer	
016	C00074182	1 C00064502		spring ring	
016	C00080660			suspension spring - tank	
017	C00064536	1 C00086430		hose - detergent recovery	
018	C00080762			door bellows	n1040291
018	C00094091		80272260030	door bellows seal wd 28-30 cm	n1040291

019	C00064546			clamping ring - bellows seal front	
020	C00064547			bellows clamp (tank front)	n1040291
020	C00092155		80272260030	bellows clamp (tank front)	n1040291
021	C00064516	1 C00092178		front counterweight	n1040291
021	C00092178		80272260030	front counterweight	n1040291
022	C00064531		80272260000	hose tank to filter	n1040282
023	C00064518	1 C00093848		cradle outer- set	n1040286
023	C00093848		80272260030	cradle outer- set	n1040286
024	C00030443	1 C00047136	80272260030	nut romob m8	n1040286
024	C00030680	1 C00040130		nut m 10	n1040286
025	C00065152			nut romob m6x20x1,6	
026	C00066184			shock absorber 120 n	n1040286
026	C00086372			shock absorber 120 n (11105) 10,1mm	n1040286
026	C00093885		80272260030	shock absorber 120 n 8,15 mm	n1040286
027	C00064789			wash paddles (extractable) 46 l	
029	C00080661	1 C00094097,1 C00094280	80272260000	outer- set 46 l.	n1040282,n1040291
029	C00092263	1 C00094097,1 C00094280	80272260030	outer- set 46 l. cv5-b5 ld	n1040282,n1040291
029	C00094281	1 C00094275,1 C00094280	80272260030	outer- set 46 l. evo ii	n1040282,n1040291
030	C00030446			bolt m10 x 45 zntr	n1040286
030	C00093750		80272260030	bolt zink m8x40	n1040286
031	C00080654		80272260000	hose dispenser to tank	n1040282
032	C00064517			tank cradle channel-top left right wm	
033	C00074213			bearing spider assembly	n1040300
033	C00096077		80272260030	bearing spider assembly	n1040300
034	C00074211			drum pulley d=210 mm h=20 mm	
035	C00074218			belt l=1046 mm h8	
036	C00092411			hose clamp	
037	C00092174		80272260030	hose tank to filter oko	n1040289
037	C00094312		80272260030	hose tank to filter oko ws - abs	n1040289
039	C00091148			clamp d=79 mm	
040	C00092273		80272260030	hose dispenser to tank	
099	C00033026			ambljgon grease ta 100 gr.	

pdf_tavola_title_ENG

cod. 1180410



Spare parts list

Spare parts list cod. 1180410

Ref.	Code	Substitute	Industrial code	Description	Notice
001	C00087921			screw amsp m3.5x30t.e.(s/n 30617.0001)	
002	C00080775			thermal cut-out cable	
003	C00080767			temperature sensor	
004	C00080768			o-ring d= 27 x 23,5 x 1,78 wd	
005	C00080765			dryer heating element 1200 watt 230 volt	
006	C00032847			blower manifold seal	
007	C00033210			hose clamp fastex 350 mm x 7.8 mm	
008	C00032845			restrictor seat	
009	C00080960			self blocking nut m5	
010	C00080959			connection gasket	
011	C00080771			clip	
012	C00080773			fixing screw for lint filter	
013	C00080772			lint filter	
014	C00080774			hose clamp	
015	C00080770			steam condenser	
016	C00080769			hose electrovalve condenser	
017	C00032844			seal - condenser / tank	
018	C00038358			bolt m8x16 (dry loc)	
020	C00080658			blower fan for motor (087920-097339)	
021	C00054790			screw trilob m5 x 16 tcb t.e. st	
022	C00087919			blower manifold kit s/n30617.0001	
023	C00087920			dryer fan motor 230v 50hz s/n 30617.0001	
025	C00080652			bolt m8x36 tefl. zig. p/p	

Notices

n1040061
Trouble-shooting.

Intervention procedure on 2000 washing machines

1. Reading the error code

The fault on the appliance is signalled via:

1. the continuous rotation of the selector knob

2. the action, for the first 4', of the electrovalve and the drain pump

3. the door becomes unlocked

4. the led flashes:

the number of flashes indicates the fault code; the code should be read as follows:

· each fast flash (2/3 flashes of the led very close together) represents one code value

· the fault code is evaluated by counting the number of flashes occurring at 3/4" intervals from one another

· stop counting when the washing machine waits the equivalent of approximately 8/9" between flashes

· the procedure is repeated by the appliance cyclically

E.g.: F03

(FIGURE NT 00)

2. Autotest

Should the washing machine not be signalling an error, you can check it using a serial key and using a particular autotest cycle, which is to be activated as follows:

1. bring the washing machine to reset position (coloured ball) for at least 5" and wait until the led flashes on reset mode

2. insert the hardware key into the serial outlet

3. position the switch situated on the key in TEST position

4. wait for the door to lock and for the selector to start turning

5. position the switch situated on the key in PC position

the appliance will carry out the following cycle:

· selector moves on up to position 0 (12h if the appliance has a delay, programme 1 if it has no delay)

· loads the wash electrovalve for approx. 10"

· loads the pre-wash electrovalve for approx. 10"

· loads the wash electrovalve and pre-wash electrovalve at the same time until the pressure switch is on full

· heats up to 30° and moves the motor in both directions

· selector moves on for 9 notches

· drains and spins

· the selector knob stops on one of the reset positions

· STOP

The test cycle can be repeated as many times as you wish following the same procedures

The test cycle can be interrupted by positioning the selector knob on one of the reset positions.

3. Intervention in the event of a Fault

In the event of a fault, the procedure to go by is as follows:

F01: Triac Short circuit

Overhaul CNE

Replace Card

F02: Blocked Motor, Short-circuited/Open Tachometry

Overhaul CNE

Overhaul Motor connector

Control CNE Continuity/Motor Connector

Control Motor Windings

Control Tachometry Windings

Replace Card

F03: Open/Short-Circuited NTC Found

Overhaul CNA

Control NTC Wiring

Control CNA/NTC Wiring Continuity

Replace NTC

Replace Card

F04: Overflow and Pressure Switch Empty found at the same time (Pressure Switch stuck on Empty)

Overhaul CN1

Overhaul Pressure Switch Contacts

Control CN1/Pressure Switch Continuity

Replace Pressure Switch

Replace Card

F05: Blocked Pump or Pressure Switch stuck on Empty Found

Overhaul CNF (pump connector)

Overhaul Pump Connector

Control Pump Filter

Control Pump Windings

Change Pump

Replace Card

F06: Selector Error (a part no. cannot be found)

Overhaul CND (selector connector)

Overhaul Selector Connector

Control Selector/CND Continuity

Control Selector Motor

Replace Selector

Replace Card

F07: Resistance Relay Stuck

Overhaul CN1

Overhaul CN1

Overhaul Resistance Connection

Replace Card

Overhaul Resistance Connection

Replace Card

F08: Resistance Missing or Pressure Switch stuck on Full Found

Overhaul CN1

Overhaul Resistance Connection

Overhaul Pressure Switch Connection

Replace Resistance

Replace Pressure Switch

Replace Card

F09: Machine Setup Error Found

Control Microprocessor Version

Ask for EEPROM Spare Part indicating Microprocessor version

F10: Pressure Switch Empty and Full or neither Empty nor Full Pressure Switch Found

Overhaul CN1

Overhaul Pressure Switch Wiring

Control CN1/Pressure Switch Continuity

Replace Pressure Switch

Replace Card

F11: Pump Feedback Missing

Overhaul CN1

Overhaul CNF

Overhaul Pump Connector

Overhaul Pressure Switch Connector

Control Pump Windings

Replace Pump

Replace Card

F12 SPECIFIC FOR LVB2000 INDESIT EVOLUTION / DIALOGIC.

F12: Lack of Display card-Main Card Communication

1. Check the effectiveness of contacts on CNC Connector Card

2. Overhaul 8-way connector on Display card

3. Check continuity of CNC-CN 8 way connector

4. Replace Main Card

5. Replace Display Card

F13: NTC wiring harness disconnected from the dryer system

1. Check the efficiency of the terminals on the CNA connector board

2. Check NTC wiring harness

3. Check the wiring harness continuity of the CNA / NTC connectors

4. Replace NTC

5. Replace terminal board

F14: Dryer connector open or not connected

1. Check the efficiency of the terminals on the CNI connector board

2. Overhaul CN1

3. Overhaul connector connection

4. Replace the board.Merloni Elettrodomestici

F15: Dryer connector is always active

1. Check the efficiency of the terminals on the CNI connector board

2. Overhaul connector connection

3. Overhaul the pressure sensor connection

4. Replace the connector

5. Replace pressure sensor

6. Replace the board

F16: Non-functioning basket block

1. Go over connector card CNC

2. Go over connector basket block

3. Control Continuity of cabling CNC / basket block and basket block supply

4. Replace basket block

5. Replace card

N.B.From Fault F01 to fault F11

These are shown by LEDs in stand by/on in LVB2000 machines Ariston/Indesit.

From fault F01 to fault F12

These are shown in a display located on the instrument panel of LVB2000 ma-chines

Evolution Indesit.

From fault F01 to fault F15

Are those that are indicated according to the version via LED stand by/on or

display positioned on the Wash Dry machine Ariston/Indesit panel.

4. Replacing the card

Should you have to replace the card:

· retrieve the EEPROM from the old card

· reassemble the EEPROM onto the new replacement card (without EEPROM)

In the event, and only in this case:

· an F02 has been detected

· the above-mentioned checks have been carried out and no problems have been detected on the wiring or to the motor

· the card fitted onto the washing machine is a 12 or 20 version (the version is indicated by a label on the module-containing box with SW20 or SW12)

you should:

· fit on a new card (version 32 or above)

· fit on an updated EEPROM to request from the assistance service centre, stating the code (e.g. 80xxxxx0000 or 46xxxxx0000), the serial number and the washing machine model.

n1040066
LB2000 Hardware (Serial Spanner and Pliers)

As of 05.04.2000, the following Spare Parts are available from the Warehouse:

Part no.066055 - Serial spanner for LVB2000 autotest. It has not to be linked to PC. (substituted with 077454);

Part no. 077454 - Serial spanner for LVB2000-PC White (substituted with 084566);

Part no. 084566 - Serial spanner forLB2000/EVOI -PC BIANCA (substituted with 095669 LB2000/EVOI, EVOII - PC).

Part no.066292 - Extractor pliers for integrated circuits.

For instructions on use, please refer to the relative Service Manual.

n1040078

WARNING: Remove the eeprom

Remove the eeprom with pliers part no. 066292 from the faulty module and insert it on the new module / display module, otherwise the machine will not function.

L'EPROM contains the software that characterizes the model, therefore each apparatus should have his own specific eprom(see the list spare parts).

n1040211
Serial cable to connect the hardware key with the PC.

To connect the hardware key: LB2000 with the personal computer,you must use

a serial cable, pin to pin 9 pin F/F, to garantee the availability, it was

decided to manage it as a spare part.

The SAT code of the cable (length 2m) is 084943.

n1040229
Items with IDC connectors.

From November 2001, in order to improve electrical connections on models produced in Teverola and Comunanza plants, electrical components supplied with IDC connectors have been applied.

New particulars are:

Code 083916 = PROGRAMME SELECT ELBI 1665 RAST.2 8 POS.

Code 085195 = POTENTIOMETER 8 POS. IDC;

Code 083915 = TEMPERATURE SENSOR NTC ELTH;

Code 087823 = CONDUCIBILITY CONTROL CARD IDC;

Code 085194 = DOOR INTERLOCK IDC;

Code 080662 = PUSH BUTTON SWITCH S.CM NA ON-OFF;

Code 086660 = PRESSURE SENSOR 1LEVEL 93 - 68 + ANTI-SPILL;

Code 088393 = PRESSURE SENSOR 1 LEVEL 90 - 65 + ANTISPILL;

Code 087187 = PRESSURE SENSOR 1 LEVELS + ANTI-SPILL;

Code 085193 = PRESSURE SENSOR 1 LEVELS + ANTI-SPILL;

Code 084763 = RED WARNING LIGHT 12 V INDESIT;

Code 086663 = RED WARNING LIGHT 12 V RAST2 ARISTON

Code 087188 = HEATING ELEM.TERMAL CUT-OUT 1700W/230V L= 169,5 mm ;

Code 086661 = HEATING ELEMENT FOR PROBE 1700W 230V L= 212.5 mm;

Code 089416 = MODULE (LESS EEPROM) WM-WD > 1200 RPM.IDC ;

Code 089074 = MODULE (LESS EEPROM) SW 2.22 YELLOW >1200 IDC;

Code 089404 = MODULE (LESS EEPROM) IDC EW-AR-IN<1200.

Code 084838 = MODULE (LESS EEPROM) MODULE UNIV. STRIP SW 220 IDC.

Wires with IDC connectors can be found directly on spare parts list of models to be repared.

This change has not affected EEPROM which remain the same.

To find the right particular to use:

1 – Find the modified particular into spare parts list of model of interest

2 – Check list of models herebelow given and compare with their serial no.

Models related to Comunanza and Teverola plants in alphabetical order.

Models of Communanza factory. by

A1124UK (23572) Matr. 11209.0001;

A1234UK (22573) Matr. 11217.0001;

A1435SUK (23575) Matr.20502.0001;

A1435UK (23574) Matr.20502.0001;

A1535UK (28069) Matr.20502.0001;

A1635UK (27051) Matr.20502.0001;

AA1000BFR (25700) Matr.11209.0001;

AAX106LFR (25698) Matr. 20121.0001;

AAX116LFR (25591) Matr.20121.0001;

AAX126LFR (25699) Matr. 20121.0001;

AAX149LFR (26286) Matr.20502.0001;

AB104XTK (22504) Matr. 11217.0001;

AB108XEO (26389) Matr.11209.0001;

AB108XIT (22443) Matr. 11203.0001;

AB63XGR (24894) Matr. 11217.0001;

AB65XEO (24492) Matr. 11209.0001;

AB66XIT (27972) Matr. 20121.0001;

AB84XTK (22504) Matr. 11217.0001;

AB88DAG (26561) Matr.20527.0001;

AB88DEX (24898) Matr.20527.0001;

AB88XEO (26388) Matr. 11217.0001;

AB88XEX (23861) Matr. 11217.0001;

AB88XIT (22444) Matr. 11209.0001;

AC106BFR (25817) Matr.20527.0001;

AC120LIT (26836) Matr.20527.0001;

AC128LFR (25818) Matr.20527.0001;

AC80LIT (26835) Matr.20527.0001;

AC96BFR (25816) Matr.20527.0001;

AD1000EX (27764) Matr. 20610.001;

AD1200IT (26694) Matr. 20610.001;

AD1200TK (27199) Matr. 20610.001;

AD1600FR (27157) Matr. 20610.001;

AD1600IT (26834) Matr. 20610.001;

AD1600ITPXU (27163) Matr. 20610.001;

AL107XFR (23684) Matr. 20121.0001;

AL108DAG (24900) Matr.20527.0001 ;

AL108DEX (24910) Matr.20527.0001;

AL108DK60 HZ (24905) Matr.20527.0001

AL108XBE (23648) Matr. 11203.0001;

AL108XSTK (22698) Matr.20121.0001;

AL108XTK (22506) Matr.20121.0001;

AL109SLFR (22495) Matr.20121.0001;

AL109XAUS (26024) Matr. 11217.0001;

AL109XEU (22514) Matr. 11203.0001;

AL109XEX (24734) Matr. 11203.0001;

AL109XIT (22360) Matr. 20121.0001;

AL109XSK (25855) Matr. 11203.0001;

AL118DTK (24902) Matr.20527.0001;

AL128DAUS (24904) Matr.20527.0001;

AL128DEX (24903) Matr.20527.0001;

AL128DSAUS (25742) Matr.20527.0001;

AL128XBE (23656) Matr. 20121.0001;

AL129SLBE (23990) Matr.20121.0001;

AL129XAUS (23864) Matr. 11217.0001;

AL129XEU (22515) Matr. 11202.0001;

AL129XSK (25856) Matr. 11202.0001;

AL129XTK (22507) Matr.20121.0001;

AL12SUK (24363) Matr. 11209.0001;

AL12UK (23576) Matr. 11209.0001;

AL149XEX (22516) Matr.20502.0001;

AL149XSK (25857) Matr.20502.0001;

AL14UK (23577) Matr.20502.0001;

AL169XAUS (26458) Matr.20502.0001;

AL169XEU (24897) Matr.20502.0001;

AL67HCGR (23885) Matr.11210.0001;

AL68XEX (23863) Matr. 11211.0001;

AL68XIT (22363) Matr. 11126.0001;

AL68XPT (22485) Matr. 11217.0001;

AL68XSPT (22977) Matr. 11217.0001;

AL88DEX (24899) Matr.20527.0001;

AL88XEU (22512) Matr. 11204.0001;

AL88XPT (22482) Matr. 20121.0001;

AL88XSPT (22483) Matr.20121.0001;

AL89XIT (22362) Matr. 20121.0001;

AL89XSEX (24735) Matr. 11203.0001;

AL89XSIT (22445) Matr. 20121.0001;

AL98XSPT (27630) Matr.20121.0001;

ALD10UK (26092) Matr.20527.0001;

ALD12SUK (26094) Matr.20527.0001;

ALD12UK(26093) Matr.20527.0001;

ALS104XFR (22501) Matr. 20114.0001;

ALS109XEO (26392) Matr. 11217.0001;

ALS109XEU (22520) Matr. 11219.0001;

ALS109XIT (22470) Matr. 20114.0001;

ALS129XEU (22521) Matr. 20114.0001;

ALS68XIT (22473) Matr. 11217.0001;

ALS88XEO (26391) Matr. 20108.0001;

ALS88XEU (22519) Matr. 20108.0001;

ALS89XIT (22472) Matr. 20114.0001;

ALS89XSIT (22471) Matr. 20114.0001;

AWD10UK (26095) Matr.20527.0001;

AWD12SUK (26097) Matr.20527.0001;

AWD12UK (26096) Matr.20527.0001;

CDE12X (27226) Matr. 20610.001;

CDE12XUK (27227) Matr. 20610.001;

LBE12X (26961) Matr. 20610.001;

LBE12XUK (27155) Matr. 20610.001;

LBE6X (26968) Matr. 20610.001;

LBE8X (26969) Matr. 20722.0001;

SGE12XUK (27241) Matr. 20610.001;

W104TXSBE (25827) Matr. 20128.0001;

W104TXSTK (24746) Matr. 20121.0001;

W104TXTK (23411) Matr. 20121.000;1

W105TXEX (234403) Matr. 20128.0001;

W105XDE (24835) Matr. 20114.0001;

W106XDE (24836) Matr. 20114.0001;

W108XIT (24820) Matr. 20128.0001;

W108XSP (23405) Matr. 20128.0001;

W1215XSDE (24839) Matr. 20114.0001;

W123SUK (23413) Matr. 20121.0001;

W123UK (23369) Matr. 20121.0001;

W123XNL (23416) Matr. 20121.0001;

W124XDE (24837) Matr. 20121.0001;

W124XNL (23418) Matr. 20114.0001;

W125TXEX (23378) Matr. 20128.0001;

W125XDE (24838) Matr. 20114.0001;

W125XSDE (24839) Matr. 20114.0001;

W125XFR (24435) Matr. 20128.0001;

W126XDE (24840) Matr. 20114.0001;

W128XSP (24428) Matr. 20128.0001;

W133UK (24026) Matr. 20121.0001;

W133SUK (24518) Matr. 20121.0001;

W143SUK (27059) Matr.20502.0001;

W143UK (27530) Matr.20502.0001;

W143XNL (23170) Matr.20502.0001;

W144XDE (24841) Matr.20520.0001;

W144XNL (23419) Matr.20502.0001;

W144XSNL (24743) Matr.20502.0001;

W145TXEX (23379) Matr.20521.0001;

W145XDE (24842) Matr.20520.0001;

W146XDE (23843) Matr.20520.0001;

W146XSDE (26461) Matr.20520.0001;

W165TXEX (24796) Matr.20502.0001;

W165XNL (24764) Matr.20502.0001;

W166XDE (26464) Matr.20520.0001;

W682XSIT (24813) Matr. 20114.0001;

W683XGIT 24812) Matr. 20114.0001;

W68XIT (24408) Matr. 20114.0001;

W68XSIT (24409) Matr. 20114.0001;

W842XSIT (24818) Matr. 20128.0001;

W843XGIT (24820) Matr. 20128.0001;

W84TXEX (23401) Matr. 20114.0001;

W84TXTK (23410) Matr. 20121.0001;

W84XSP (23409) Matr. 20114.0001;

W84XSP (24469) Matr. 20114.0001;

W857XSPT (26661) Matr. 20128.0001;

W857XSPT (26661) Matr. 20128.0001;

W88XIT (23395) Matr. 20128.0001;

WA10XIT (26883) Matr. 20128.0001;

WA6XIT (26881) Matr. 20114.0001;

WA8XIT (26882) Matr. 20128.0001;

WA8XSIT (26919) Matr. 20128.0001;

WAS6XIT (27052) Matr. 20204.0001;

WAS8XIT (27053) Matr. 20205.0001;

WD104TEX (24908) Matr. 20603.001;

WD105TEX (24909) Matr. 20603.001;

WD105TEX220-60 (27603) Matr. 20603.001;

WD106FR (25691) Matr. 20603.001;

WD10UK (25056) Matr. 20603.001;

WD118SP (26335) Matr. 20603.001;

WD11UK (25058) Matr. 20604.001;

WD125TEX (24910) Matr. 20604.001;

WD125TSEX (27152) Matr. 20604.001;

WD12SUK (25538) Matr. 20604.001;

WD12UK (25057) Matr. 20604.001;

WD12XUK (27233) Matr. 20610.001;

WD84EX (24906) Matr. 20603.001;

WD84TEX (24907) Matr. 20603.001;

WDE12X (27232) Matr. 20610.001;

WE105XR (26953) Matr. 20603.0001;

WE10UK (24459) Matr. 20603.0001;

WE11UK (24460) Matr. 20603.0001;

WE125XEX (24789) Matr. 20603.0001;

WE12SDE (27149) Matr. 20610.001;

WE12SUK (24462) Matr. 20603.0001;

WE12SUK (27154) Matr. 20610.001;

WE12UK (24461) Matr. 20603.0001;

WE12XNL (24762) Matr. 20603.0001;

WE13UK (24463) Matr. 20603.0001;

WE145XEX (24792) Matr. 20610.001;

WE14DE (27080) Matr. 20610.001;

WE14SDE (27150) Matr. 20610.001;

WE14SUK (27153) Matr. 20610.001;

WE14UK (24464) Matr. 20610.001;

WE14XNL (24763) Matr. 20610.001;

WE14XSNL(27752) Matr. 20610.001;

WE16DE (27151) Matr. 20610.001;

WE16UK (25162) Matr. 20610.001;

WE16XNL (27765) Matr. 20610.001;

WE8XR (26952) Matr. 20603.0001;

WES9XR (26892) Matr. 20603.001;

WH96TXE (25376) Matr. 20128.0001;

WS105TXEX (23356) Matr. 20205.0001;

WS682XSIT (24826) Matr. 20204.0001;

WS683XGIT (24822) Matr. 20204.0001;

WS84TXEX (23355) Matr. 20204.0001;

WS88XIT (23349) Matr. 20205.0001;

Models of Teverola factory.

AB103TK (27113) Matr. 20408.0001

AB104IT (27913) Matr. 20408.0001;

AB107PT (27094) Matr. 20408.0001;

AB63EX (23909) Matr. 20408.0001;

AB83TK (22503) Matr. 20408.0001;

AB84IT (27914) Matr. 20408.0001;

AB84PT (22484) Matr. 20408.0001;

AB95AUS (23879) Matr. 20408.0001;

AB95EU (23781) Matr. 20408.0001;

AL102PFR (27299) Matr. 20408.0001;

AL109K (23910) Matr. 20408.0001;

AL10UK (23590) Matr. 20408.0001;

AL65PT (27093) Matr. 20408.0001;

LNA855FR (27595) Matr. 20325.0001;

W103NL (24600) Matr. 20314.0001;

W103TTK (23337) Matr. 20408.0001;

W103UK (23334) Matr. 20408.0001;

W104DE (24834) Matr. 20408.0001;

W104FR (23340) Matr. 20408.0001;

W104NL (23386) Matr. 20408.0001;

W104SP (24415) Matr. 20325.0001;

W104TBE (25474) Matr. 20408.0001;

W104TEX (23332) Matr. 20408.0001;

W105FR (27700) Matr. 20408.0001;

W113UK (23335) Matr. 20408.0001;

W63TAUS (25885) Matr. 20408.0001;

W63TEX (24768) Matr. 20408.0001;

W73FR (23329) Matr. 20408.0001;

W83DE (24833) Matr. 20408.0001;

W83NL (24599) Matr. 20313.0001;

W83SP (23317) Matr. 20312.0001;

W83TAUS (25886) Matr. 20408.0001;

W83TEX (23310) Matr. 20318.0001;

W83TK (23320) Matr. 20408.0001;

W83TTK) (23321) Matr. 20408.0001;

W83UK (23302) Matr. 20408.0001;

W85FR (27699) Matr. 20408.0001;

W93TEX (23308) Matr. 20408.0001;

W93UK (23330) Matr. 20408.0001;

W9521E (25379) Matr. 20408.0001;

WA10IT (26880) Matr. 20408.0001;

WA10PT (27641) Matr. 20408.0001;

WA6IT (26878) Matr. 20408.0001;

WA6PT (27639) Matr. 20408.0001;

WA8IT (26879) Matr. 20408.0001;

WA8PT (27640) Matr. 20408.0001;

WP100EX (27761) Matr. 20408.0001;

WP67EX (27757) Matr. 20402.0001.

n1040241
Indivisible timer knob and push-push mec

From serial number 20305.0001, the component knob / selector code 084812 is provided with internal flaps, which ensure a perfect assembly of the knob and push-push mechanism on the built-in washing machines. This prevents the knob from coming off when the plastic material becomes soft due to temperature increasing inside the appliance during the drying phase.

To remove the selector knob, proceed exclusively as follows:

1) Using a drill with a 12 mm bit, drill a hole in the centre of the knob (see fig. 1).

2) Using a cross screwdriver, loosen the screw that secures the knob to the selector (see fig. 2);

3) Extract the knob with push-push mechanism from the selector (see fig.2) .

Fit the new knob after fixing with the screw the push-push mechanism (recovered) to the selector shaft.

In the event that the old push-push mechanism cannot be reused, use the kit code 087814 that comprises the following items:

Code 084816 - Push-push mechanism;

Code 087815 - Timer screw 1/2 T4,2X12.7;

Code 047922 - Compression spring;

Code 084812 - Component knob / timer.

Code 087814 replaces the timer knob kit 084815 used on the Built-in Washing Machines, which is managed until stocks run out and has a different screw code 056511.

The knobs used on the components can be extracted; as spare part they are already assembled with the push-push mechanism.

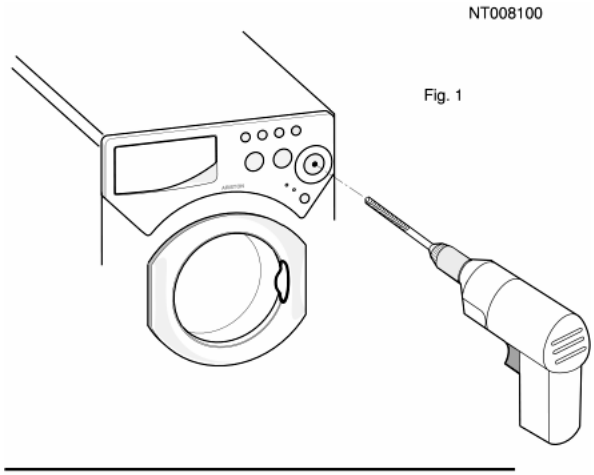
n1040282
New drainage OKO system.

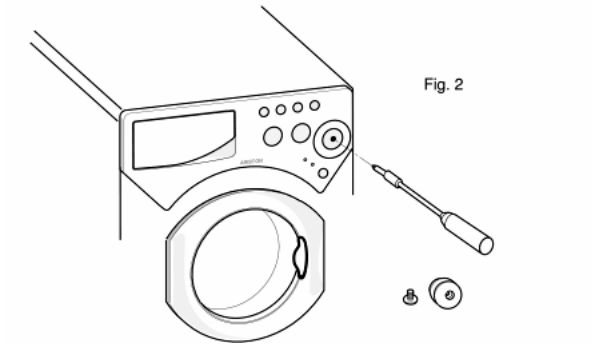
From serial number 21219.0001, the new "OKO" drainage system has been introduced on the washing machines produced in the Comunanza factory.

The last two numbers of the Industrial Code (located on the rating plate) of the models relevant to this note will be 30 (e.g. 80233560130 - see Appendix A)

N.B. The industrial code will not change on the models with induction motor (see following list).

MODEL	INDUSTRIAL CODE
ABS53XIT	80224800000
AB54XPT	80224870100





AB63XEX 80225100100

ABS63XEU 80225180100

WS44XIT 80233440100

WS431TXEX 80233470100

WS642TXEX 80233540100

W63XSP 80233890000

AB53XEU 80238820000

AB65XEU 80238830000

AL 64XSP 80239020100

WS43XIT 80244510000

WS53XIT 80244520000

WH66TXE 80253750100

ABS63XEO 80263900000

The new items are:

- EEPROM (the OKO system requires a new setting of load timing parameters). THE NEW EEPROMS REPLACE ALL THE ONES CODED PREVIOUSLY.

- BOWL (hopper tube hole shifted forwards);

- DETERGENT LOADING TUBE (see fig. 1);

- PRESSURE SWITCH (changed levels);

- OKO PUMP BOWL BLOWER + BALL (see fig. 2A, 2B and 2C);

- CONDUCTIVITY SENSOR (if provided, it is shorter than the premodification item);

- DRAIN PUMP (without detergent collecting tube connection);

- HOPPER (shifted in front of detergent loading tube connection). Fig. 3A post-modification. Fig. 3B premodification);

- AIR TRAP (different shape);

- PRESSURE SWITCH TUBE (different length);

- DRAIN TUBE STOP (specific);

In particular, the OKO system consists of a spherical plastic component inserted in the tube that connects the bowl to the drain pump (see fig.2 A).

At the beginning of each wash cycle the washing machine fills water for 10 seconds and activates the drain pump for 2 seconds. In this way, the water level in the bowl is different from that in the drain tube; this difference increases the thrust of the ball upwards, closing the bowl-pump connection tube hermetically (see fig. 2D).

This system has the double advantage of:

1) separating the wash water and the water in the drain hose, thus saving energy during the heating phase;

2) and ensuring optimal use of all the detergent.

With the introduction of this new component, the detergent collecting tube is no longer required and the pump has one hole only to convey water from the tank.

For the correct operation of the OKO system, it is important that the drain hose of the washing machine remains fixed to the back of the unit with a plastic clamp (to this end, the clamp withstands a 25 kg load; see reference 1 in fig. 4); otherwise, the drain hose must absolutely reach the height of the clamp. (minimum 60 cm.)



n1040286
Shock absorbers with 8.15 mm fixing hole.

From serial number 30127.0001, for appliances produced in the Comunanza factory, the shock absorbers will be fixed to the tank unit cradle using: the 8 mm diameter screw code 093750 in place of the 10 mm screw code 030446, and related locking nut code 030443 in place of code 030680.

The items affected by this modification are:

Code 093848 - Tank unit cradle 46 lt ;

Code 093878 - Tank unit cradle 40 lt.

Code 093884 - Shock absorber 80 N

Code 093885 - Shock absorber 120 N

The premodified shock absorbers code 086515 and 086372 will continue to be used, whereas cradles code 064518 and 066074 will be used until stocks run out, after which they will be replaced with the new items after widening the shock absorber fixing holes to a diameter of 11 mm.

n1040289
OKO tube on SNELLA range models with induction motor.

From serial number 30212.0001, a shorter OKO pump bowl tube SAT code 094312 is being used on the SNELLA range models with induction motor in order to improve the drain. The new tube replaces SAT code 092174 used on all other models produced in the Comunanza factory.

The appliances relevant to the modification are:

WS63XIT

WS43XIT

WS642TXEX

WS431TXEX

WS44XT

ABS63XEU

ABS63XEO

ABS53XIT.

The same modification starting from serial number 30414.0001 is suitable even for models SNELLA with collect motor and for built-in models.

n1040291

Interchangeability of bowls on LB2000 appliances Comunanza..

The Comunanza factory has modified the oscillating unit on all the 2000 range models produced in the Comunanza factory:

a) From serial number 21219.0001, the LB 2000 EVO bowl (see fig. 02) is gradually replacing the LB2000 version (see fig. 01), with the following differences:

1) Detergent loading tube hole shifted forwards;

2) Elimination of detergent recovery tube hole.

This modification has involved the introduction of the following items:

· Detergent loading tube (washing machine SAT code 092161and combined washer-dryer SAT code 092273);

· OKO pump bowl tube (models code 092174, Snella models with induction motor code 094312);

· Hopper (for rotary slide drawer SAT code 092176, for linear slide drawer code 092314);

b) From serial number 30312.0001, all washing machines produced in the Comunanza factory have been equipped with the new LB2000 EVO II range bowl (see fig. 03), in place of the LB2000 EVO version (see fig. 02), with the following difference:

1) Porthole with a diameter of 30 cm instead of 28 cm;

This modification has involved the introduction of the following items:

· Tapered porthole seal - rear diameter 30 cm front 28 cm;

Code 093345 - Standard seal;

Code 094091 - Washer-dryer seal;

Code 094093 - Snella seal

· Porthole seal rear fixing ring for 30 cm diameter SAT code 092155;

· Front counterweight (SAT code 092178).

Two LB2000 Evo bowl codings have been created in order to reduce the number of bowls managed by the After-sales Service (see fig. 04):

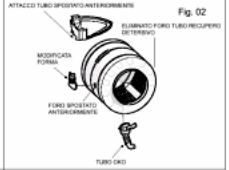
1) LB2000 Evo bowl kit coding (Table 01);

2) LB2000 EVO II range bowl kit coding (Table 02);

All bowl codes (with related interchangeability), are indicated in fig. 04 TAB. 03 attached to this Note.

Starting from serial number 30325.0001, for all the versions of Evizzate SNELLA LB2000 washing machines produced in the Comunanza factory the diameter of tapered porthole must seal return 28 cm. Starting from this serial number all the washing machines must be supported with door seal and fixing ring in old version.

Starting from serial number 30616.0001, for all the washing machines Evizzate LB2000 produced in Comunanza, the diameter of tapered porthole must seal return 28 cm. Starting from this serial number all the washing machines must be supported with door seal and fixing ring in old version.

		CUBA LB 2000	CUBA LB 2000 EVOLUCIONADA
EN PRODUCCION		Matricula MENOR (<) 21218.0001	Matricula Entre 21219.0001 y 30312.0001
		Fig. 01 	Fig. 02 
		MODIFICACIONES	Agujero tubo detergente puesto en parte delantera Eliminado tubo recuperación detergente Modificado tubo de cuba a bomba (Sistema OKO) Modificada forma tubo de jabonera a cuba Modificada salida de jabonera
SERVICIO TECNICO	CUBA OBSOLETO		
	064513 077330		KIT 092414
	081827		KIT 092421
	074217		KIT 092257
	080661		KIT 092263
	084591		KIT 092415
	076778		KIT 092452
	076850		KIT 092545
	078876 074134		KIT 092311

n1040300
Short heating element for 46 l. tubs and type 4 mechanism.

From serial number 30606.0001, all washing machines with 46 litre tubs, codes 094283, 094273 and 094279, have been equipped with shorter heating elements, which required the heater retaining bracket hole to be moved back (see fig. 01).

As the tub replacement mainly concerns premodification appliances, it was decided that with those supplied as replacements the retaining bracket will remain in the old position. Therefore, if the tub needs replacing, it will not be necessary to also replace the heating element or make the hole and position the retaining bracket.

When replacing the heating element pay particular attention to the serial number of the appliance and therefore the choice of the SAT code.

Codes of short heating elements:

Washing machine

Code 087188 - HEATING ELEMENT+ F. PROBE 1700W/230V 169.5IDC

Washer-dryer

Code 066086 - HEATING ELEMENT WITH THERMOFUSE 1700W / 230V+T

Codes of premodification long heating elements:

Washing machine

Code 086661 - IDC HEATING ELEMENT + PROBE1700W 230V L212.5MM;

Washer-dryer

Code 064556 - WASHER-DRYER HEATING ELEMENT WITH THERMOFUSE 1700W / 230V+TE

The new heating elements have been included in the documentation of all models affected by this modification.

If the heating element retaining bracket needs to be shifted, it must be removed and then the new hole must be made in the tub using a 4.2 mm bit, taking into account that the distance between the two holes must in any case be 43 mm.

To plug the old hole use the s/steel TMT M4 X 12 screw (screw kit code 037132) with vellumoid washer and the self-locking flanged nut code 037135, bearing in mind that the head of the screw must protrude and that its tightening must not cause the vellumoid gasket supplied with the screw to break.

From serial number 30612.0001, the T4 mechanism has been introduced on some oscillating units.

The new tub units are perfectly interchangeable with the premodification ones and therefore maintain the same SAT codes.

The modification especially concerns the basket cross element and the tub cross element assembly that are specific for the new mechanism.

For servicing the products both the premodification tub cross element assembly (code 074213) and the new assembly (cod. 096077) must be managed; their use is indicated by the serial number of the relevant product.

The relevant Sat codes are:

TUBS (they maintain same SAT code as the premodification parts).

Models “Evizzati “ Serial number > 30312.0001 and < 30616.0001

SAT code 094279 TUB 46L.B5 CV5 EVO II 1200 rpm;

SAT code 094281 TUB 46 L. B5-CV5 LD EVO II 1200 rpm LD;

SAT code 094276 TUB 46 L. B3- CV3 LD EVO II 600-850 rpm;

SAT code 094273 Tub 46 litres B3-CV3 600/850/1000 rpm;

SAT code 094287 Tub 40 litres b5-cv5 40 litres 1200-1400 rpm;.

Models Serial number <30312.0001 and > 30616.0001.

Cod. SAT 092257 OUTER TANK & INNER DRUM ASSY B5 CV5

Cod, SAT 092263 OUTER- SET 46 L. CV5-B5 LD;

Cod. SAT 092421 OUTER- SET 46 L. EVIZZ. B5 CV3 LD;

Cod. SAT 092414 OUTER- SET 46 L.EVIZZ. B3 CV3

Cod. SAT 092545 OUTER TANK & INNER DRUM ASSY 40 L B5 CV5

CROSS ELEMENT ASSEMBLY AND SINGLE PARTS MANAGED AS REPLACEMENTS.

SAT code 096077 Cross element assembly with seal rings CV4;

SAT code 096186 Seal ring CV4;

SAT code 013563 Bearing 6205-2Z SKF;

SAT Code 002591 - Bearing 6204-2Z SKF;

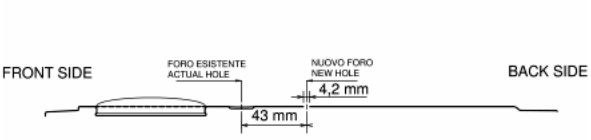


FIG. 01

n1040061
Trouble-shooting.

Intervention procedure on 2000 washing machines

1. Reading the error code

The fault on the appliance is signalled via:

1. the continuous rotation of the selector knob

2. the action, for the first 4', of the electrovalve and the drain pump

3. the door becomes unlocked

4. the led flashes:

the number of flashes indicates the fault code; the code should be read as follows:

· each fast flash (2/3 flashes of the led very close together) represents one code value

· the fault code is evaluated by counting the number of flashes occurring at 3/4" intervals from one another

· stop counting when the washing machine waits the equivalent of approximately 8/9" between flashes

· the procedure is repeated by the appliance cyclically

E.g.: F03

(FIGURE NT 00)

2. Autotest

Should the washing machine not be signalling an error, you can check it using a serial key and using a particular autotest cycle, which is to be activated as follows:

1. bring the washing machine to reset position (coloured ball) for at least 5" and wait until the led flashes on reset mode

2. insert the hardware key into the serial outlet

3. position the switch situated on the key in TEST position

4. wait for the door to lock and for the selector to start turning

5. position the switch situated on the key in PC position

the appliance will carry out the following cycle:

· selector moves on up to position 0 (12h if the appliance has a delay, programme 1 if it has no delay)

· loads the wash electrovalve for approx. 10"

· loads the pre-wash electrovalve for approx. 10"

· loads the wash electrovalve and pre-wash electrovalve at the same time until the pressure switch is on full

· heats up to 30° and moves the motor in both directions

· selector moves on for 9 notches

· drains and spins

· the selector knob stops on one of the reset positions

· STOP

The test cycle can be repeated as many times as you wish following the same procedures

The test cycle can be interrupted by positioning the selector knob on one of the reset positions.

3. Intervention in the event of a Fault

In the event of a fault, the procedure to go by is as follows:

F01: Triac Short circuit

Overhaul CNE

Replace Card

F02: Blocked Motor, Short-circuited/Open Tachometry

Overhaul CNE

Overhaul Motor connector

Control CNE Continuity/Motor Connector

Control Motor Windings

Control Tachometry Windings

Replace Card

F03: Open/Short-Circuited NTC Found

Overhaul CNA

Control NTC Wiring

Control CNA/NTC Wiring Continuity

Replace NTC

Replace Card

F04: Overflow and Pressure Switch Empty found at the same time (Pressure Switch stuck on Empty)

Overhaul CN1

Overhaul Pressure Switch Contacts

Control CN1/Pressure Switch Continuity

Replace Pressure Switch

Replace Card

F05: Blocked Pump or Pressure Switch stuck on Empty Found

Overhaul CNF (pump connector)

Overhaul Pump Connector

Control Pump Filter

Control Pump Windings

Change Pump

Replace Card

F06: Selector Error (a part no. cannot be found)

Overhaul CND (selector connector)

Overhaul Selector Connector

Control Selector/CND Continuity

Control Selector Motor

Replace Selector

Replace Card

F07: Resistance Relay Stuck

Overhaul CN1

Overhaul CN1

Overhaul Resistance Connection

Replace Card

Overhaul Resistance Connection

Replace Card

F08: Resistance Missing or Pressure Switch stuck on Full Found

Overhaul CN1

Overhaul Resistance Connection

Overhaul Pressure Switch Connection

Replace Resistance

Replace Pressure Switch

Replace Card

F09: Machine Setup Error Found

Control Microprocessor Version

Ask for EEPROM Spare Part indicating Microprocessor version

F10: Pressure Switch Empty and Full or neither Empty nor Full Pressure Switch Found

Overhaul CN1

Overhaul Pressure Switch Wiring

Control CN1/Pressure Switch Continuity

Replace Pressure Switch

Replace Card

F11: Pump Feedback Missing

Overhaul CN1

Overhaul CNF

Overhaul Pump Connector

Overhaul Pressure Switch Connector

Control Pump Windings

Replace Pump

Replace Card

F12 SPECIFIC FOR LVB2000 INDESIT EVOLUTION / DIALOGIC.

F12: Lack of Display card-Main Card Communication

1. Check the effectiveness of contacts on CNC Connector Card

2. Overhaul 8-way connector on Display card

3. Check continuity of CNC-CN 8 way connector

4. Replace Main Card

5. Replace Display Card

F13: NTC wiring harness disconnected from the dryer system

1. Check the efficiency of the terminals on the CNA connector board

2. Check NTC wiring harness

3. Check the wiring harness continuity of the CNA / NTC connectors

4. Replace NTC

5. Replace terminal board

F14: Dryer connector open or not connected

1. Check the efficiency of the terminals on the CNI connector board

2. Overhaul CN1

3. Overhaul connector connection

4. Replace the board.Merloni Elettrodomestici

F15: Dryer connector is always active

1. Check the efficiency of the terminals on the CNI connector board

2. Overhaul connector connection

3. Overhaul the pressure sensor connection

4. Replace the connector

5. Replace pressure sensor

6. Replace the board

F16: Non-functioning basket block

1. Go over connector card CNC

2. Go over connector basket block

3. Control Continuity of cabling CNC / basket block and basket block supply

4. Replace basket block

5. Replace card

N.B.From Fault F01 to fault F11

These are shown by LEDs in stand by/on in LVB2000 machines Ariston/Indesit.

From fault F01 to fault F12

These are shown in a display located on the instrument panel of LVB2000 ma-chines

Evolution Indesit.

From fault F01 to fault F15

Are those that are indicated according to the version via LED stand by/on or

display positioned on the Wash Dry machine Ariston/Indesit panel.

4. Replacing the card

Should you have to replace the card:

· retrieve the EEPROM from the old card

· reassemble the EEPROM onto the new replacement card (without EEPROM)

In the event, and only in this case:

· an F02 has been detected

· the above-mentioned checks have been carried out and no problems have been detected on the wiring or to the motor

· the card fitted onto the washing machine is a 12 or 20 version (the version is indicated by a label on the module-containing box with SW20 or SW12)

you should:

· fit on a new card (version 32 or above)

· fit on an updated EEPROM to request from the assistance service centre, stating the code (e.g. 80xxxxx0000 or 46xxxxx0000), the serial number and the washing machine model.

n1040066
LB2000 Hardware (Serial Spanner and Pliers)

As of 05.04.2000, the following Spare Parts are available from the Warehouse:

Part no.066055 - Serial spanner for LVB2000 autotest. It has not to be linked to PC. (substituted with 077454);

Part no. 077454 - Serial spanner for LVB2000-PC White (substituted with 084566);

Part no. 084566 - Serial spanner forLB2000/EVOI -PC BIANCA (substituted with 095669 LB2000/EVOI, EVOII - PC).

Part no.066292 - Extractor pliers for integrated circuits.

For instructions on use, please refer to the relative Service Manual.

n1040078

WARNING: Remove the eeprom

Remove the eeprom with pliers part no. 066292 from the faulty module and insert it on the new module / display module, otherwise the machine will not function.

L'EPROM contains the software that characterizes the model, therefore each apparatus should have his own specific eprom(see the list spare parts).

n1040211

Serial cable to connect the hardware key with the PC.

To connect the hardware key: LB2000 with the personal computer,you must use

a serial cable, pin to pin 9 pin F/F, to garantee the availability, it was

decided to manage it as a spare part.

The SAT code of the cable (length 2m) is 084943.

n1040229

Items with IDC connectors.

From November 2001, in order to improve electrical connections on models produced in Teverola and Comunanza plants, electrical components supplied with IDC connectors have been applied.

New particulars are:

Code 083916 = PROGRAMME SELECT ELBI 1665 RAST.2 8 POS.

Code 085195 = POTENTIOMETER 8 POS. IDC;

Code 083915 = TEMPERATURE SENSOR NTC ELTH;

Code 087823 = CONDUCIBILITY CONTROL CARD IDC;

Code 085194 = DOOR INTERLOCK IDC;

Code 080662 = PUSH BUTTON SWITCH S.CM NA ON-OFF;

Code 086660 = PRESSURE SENSOR 1LEVEL 93 - 68 + ANTI-SPILL;

Code 088393 = PRESSURE SENSOR 1 LEVEL 90 - 65 + ANTISPILL;

Code 087187 = PRESSURE SENSOR 1 LEVELS + ANTI-SPILL;

Code 085193 = PRESSURE SENSOR 1 LEVELS + ANTI-SPILL;

Code 084763 = RED WARNING LIGHT 12 V INDESIT;

Code 086663 = RED WARNING LIGHT 12 V RAST2 ARISTON

Code 087188 = HEATING ELEM.TERMAL CUT-OUT 1700W/230V L= 169,5 mm ;

Code 086661 = HEATING ELEMENT FOR PROBE 1700W 230V L= 212.5 mm;

Code 089416 = MODULE (LESS EEPROM) WM-WD > 1200 RPM.IDC ;

Code 089074 = MODULE (LESS EEPROM) SW 2.22 YELLOW >1200 IDC;

Code 089404 = MODULE (LESS EEPROM) IDC EW-AR-IN<1200.

Code 084838 = MODULE (LESS EEPROM) MODULE UNIV. STRIP SW 220 IDC.

Wires with IDC connectors can be found directly on spare parts list of models to be repared.

This change has not affected EEPROM which remain the same.

To find the right particular to use:

1 – Find the modified particular into spare parts list of model of interest

2 – Check list of models herebelow given and compare with their serial no.

Models related to Comunanza and Teverola plants in alphabetical order.

Models of Communanza factory. by

A1124UK (23572) Matr. 11209.0001;

A1234UK (22573) Matr. 11217.0001;

A1435SUK (23575) Matr.20502.0001;

A1435UK (23574) Matr.20502.0001;

A1535UK (28069) Matr.20502.0001;

A1635UK (27051) Matr.20502.0001;

AA1000BFR (25700) Matr.11209.0001;

AAX106LFR (25698) Matr. 20121.0001;

AAX116LFR (25591) Matr.20121.0001;

AAX126LFR (25699) Matr. 20121.0001;

AAX149LFR (26286) Matr.20502.0001;

AB104XTK (22504) Matr. 11217.0001;

AB108XEO (26389) Matr.11209.0001;

AB108XIT (22443) Matr. 11203.0001;

AB63XGR (24894) Matr. 11217.0001;

AB65XEO (24492) Matr. 11209.0001;

AB66XIT (27972) Matr. 20121.0001;

AB84XTK (22504) Matr. 11217.0001;

AB88DAG (26561) Matr.20527.0001;

AB88DEX (24898) Matr.20527.0001;

AB88XEO (26388) Matr. 11217.0001;

AB88XEX (23861) Matr. 11217.0001;

AB88XIT (22444) Matr. 11209.0001;

AC106BFR (25817) Matr.20527.0001;

AC120LIT (26836) Matr.20527.0001;

AC128LFR (25818) Matr.20527.0001;

AC80LIT (26835) Matr.20527.0001;

AC96BFR (25816) Matr.20527.0001;

AD1000EX (27764) Matr. 20610.001;

AD1200IT (26694) Matr. 20610.001;

AD1200TK (27199) Matr. 20610.001;

AD1600FR (27157) Matr. 20610.001;

AD1600IT (26834) Matr. 20610.001;

AD1600ITPXU (27163) Matr. 20610.001;

AL107XFR (23684) Matr. 20121.0001;

AL108DAG (24900) Matr.20527.0001 ;

AL108DEX (24910) Matr.20527.0001;

AL108DK60 HZ (24905) Matr.20527.0001

AL108XBE (23648) Matr. 11203.0001;

AL108XSTK (22698) Matr.20121.0001;

AL108XTK (22506) Matr.20121.0001;

AL109SLFR (22495) Matr.20121.0001;

AL109XAUS (26024) Matr. 11217.0001;

AL109XEU (22514) Matr. 11203.0001;

AL109XEX (24734) Matr. 11203.0001;

AL109XIT (22360) Matr. 20121.0001;

AL109XSK (25855) Matr. 11203.0001;

AL118DTK (24902) Matr.20527.0001;

AL128DAUS (24904) Matr.20527.0001;

AL128DEX (24903) Matr.20527.0001;

AL128DSAUS (25742) Matr.20527.0001;

AL128XBE (23656) Matr. 20121.0001;

AL129SLBE (23990) Matr.20121.0001;

AL129XAUS (23864) Matr. 11217.0001;

AL129XEU (22515) Matr. 11202.0001;

AL129XSK (25856) Matr. 11202.0001;

AL129XTK (22507) Matr.20121.0001;

AL12SUK (24363) Matr. 11209.0001;

AL12UK (23576) Matr. 11209.0001;

AL149XEX (22516) Matr.20502.0001;

AL149XSK (25857) Matr.20502.0001;

AL14UK (23577) Matr.20502.0001;

AL169XAUS (26458) Matr.20502.0001;

AL169XEU (24897) Matr.20502.0001;

AL67HCGR (23885) Matr.11210.0001;

AL68XEX (23863) Matr. 11211.0001;

AL68XIT (22363) Matr. 11126.0001;

AL68XPT (22485) Matr. 11217.0001;

AL68XSPT (22977) Matr. 11217.0001;

AL88DEX (24899) Matr.20527.0001;

AL88XEU (22512) Matr. 11204.0001;

AL88XPT (22482) Matr. 20121.0001;

AL88XSPT (22483) Matr.20121.0001;

AL89XIT (22362) Matr. 20121.0001;

AL89XSEX (24735) Matr. 11203.0001;

AL89XSIT (22445) Matr. 20121.0001;

AL98XSPT (27630) Matr.20121.0001;

ALD10UK (26092) Matr.20527.0001;

ALD12SUK (26094) Matr.20527.0001;

ALD12UK(26093) Matr.20527.0001;

ALS104XFR (22501) Matr. 20114.0001;

ALS109XEO (26392) Matr. 11217.0001;

ALS109XEU (22520) Matr. 11219.0001;

ALS109XIT (22470) Matr. 20114.0001;

ALS129XEU (22521) Matr. 20114.0001;

ALS68XIT (22473) Matr. 11217.0001;

ALS88XEO (26391) Matr. 20108.0001;

ALS88XEU (22519) Matr. 20108.0001;

ALS89XIT (22472) Matr. 20114.0001;

ALS89XSIT (22471) Matr. 20114.0001;

AWD10UK (26095) Matr.20527.0001;

AWD12SUK (26097) Matr.20527.0001;

AWD12UK (26096) Matr.20527.0001;

CDE12X (27226) Matr. 20610.001;

CDE12XUK (27227) Matr. 20610.001;

LBE12X (26961) Matr. 20610.001;

LBE12XUK (27155) Matr. 20610.001;

LBE6X (26968) Matr. 20610.001;

LBE8X (26969) Matr. 20722.0001;

SGE12XUK (27241) Matr. 20610.001;

W104TXSBE (25827) Matr. 20128.0001;

W104TXSTK (24746) Matr. 20121.0001;

W104TXTK (23411) Matr. 20121.000;1

W105TXEX (234403) Matr. 20128.0001;

W105XDE (24835) Matr. 20114.0001;

W106XDE (24836) Matr. 20114.0001;

W108XIT (24820) Matr. 20128.0001;

W108XSP (23405) Matr. 20128.0001;

W1215XSDE (24839) Matr. 20114.0001;

W123SUK (23413) Matr. 20121.0001;

W123UK (23369) Matr. 20121.0001;

W123XNL (23416) Matr. 20121.0001;

W124XDE (24837) Matr. 20121.0001;

W124XNL (23418) Matr. 20114.0001;

W125TXEX (23378) Matr. 20128.0001;

W125XDE (24838) Matr. 20114.0001;

W125XSDE (24839) Matr. 20114.0001;

W125XFR (24435) Matr. 20128.0001;

W126XDE (24840) Matr. 20114.0001;

W128XSP (24428) Matr. 20128.0001;

W133UK (24026) Matr. 20121.0001;

W133SUK (24518) Matr. 20121.0001;

W143SUK (27059) Matr.20502.0001;

W143UK (27530) Matr.20502.0001;

W143XNL (23170) Matr.20502.0001;

W144XDE (24841) Matr.20520.0001;

W144XNL (23419) Matr.20502.0001;

W144XSNL (24743) Matr.20502.0001;

W145TXEX (23379) Matr.20521.0001;

W145XDE (24842) Matr.20520.0001;

W146XDE (23843) Matr.20520.0001;

W146XSDE (26461) Matr.20520.0001;

W165TXEX (24796) Matr.20502.0001;

W165XNL (24764) Matr.20502.0001;

W166XDE (26464) Matr.20520.0001;

W682XSIT (24813) Matr. 20114.0001;

W683XGIT 24812) Matr. 20114.0001;

W68XIT (24408) Matr. 20114.0001;

W68XSIT (24409) Matr. 20114.0001;

W842XSIT (24818) Matr. 20128.0001;

W843XGIT (24820) Matr. 20128.0001;

W84TXEX (23401) Matr. 20114.0001;

W84TXTK (23410) Matr. 20121.0001;

W84XSP (23409) Matr. 20114.0001;

W84XSP (24469) Matr. 20114.0001;

W857XSPT (26661) Matr. 20128.0001;

W857XSPT (26661) Matr. 20128.0001;

W88XIT (23395) Matr. 20128.0001;

WA10XIT (26883) Matr. 20128.0001;

WA6XIT (26881) Matr. 20114.0001;

WA8XIT (26882) Matr. 20128.0001;

WA8XSIT (26919) Matr. 20128.0001;

WAS6XIT (27052) Matr. 20204.0001;

WAS8XIT (27053) Matr. 20205.0001;

WD104TEX (24908) Matr. 20603.001;

WD105TEX (24909) Matr. 20603.001;

WD105TEX220-60 (27603) Matr. 20603.001;

WD106FR (25691) Matr. 20603.001;

WD10UK (25056) Matr. 20603.001;

WD118SP (26335) Matr. 20603.001;

WD11UK (25058) Matr. 20604.001;

WD125TEX (24910) Matr. 20604.001;

WD125TSEX (27152) Matr. 20604.001;

WD12SUK (25538) Matr. 20604.001;

WD12UK (25057) Matr. 20604.001;

WD12XUK (27233) Matr. 20610.001;

WD84EX (24906) Matr. 20603.001;

WD84TEX (24907) Matr. 20603.001;

WDE12X (27232) Matr. 20610.001;

WE105XR (26953) Matr. 20603.0001;

WE10UK (24459) Matr. 20603.0001;

WE11UK (24460) Matr. 20603.0001;

WE125XEX (24789) Matr. 20603.0001;

WE12SDE (27149) Matr. 20610.001;

WE12SUK (24462) Matr. 20603.0001;

WE12SUK (27154) Matr. 20610.001;

WE12UK (24461) Matr. 20603.0001;

WE12XNL (24762) Matr. 20603.0001;

WE13UK (24463) Matr. 20603.0001;

WE145XEX (24792) Matr. 20610.001;

WE14DE (27080) Matr. 20610.001;

WE14SDE (27150) Matr. 20610.001;

WE14SUK (27153) Matr. 20610.001;

WE14UK (24464) Matr. 20610.001;

WE14XNL (24763) Matr. 20610.001;

WE14XSNL(27752) Matr. 20610.001;

WE16DE (27151) Matr. 20610.001;

WE16UK (25162) Matr. 20610.001;

WE16XNL (27765) Matr. 20610.001;

WE8XR (26952) Matr. 20603.0001;

WES9XR (26892) Matr. 20603.001;

WH96TXE (25376) Matr. 20128.0001;

WS105TXEX (23356) Matr. 20205.0001;

WS682XSIT (24826) Matr. 20204.0001;

WS683XGIT (24822) Matr. 20204.0001;

WS84TXEX (23355) Matr. 20204.0001;

WS88XIT (23349) Matr. 20205.0001;

Models of Teverola factory.

AB103TK (27113) Matr. 20408.0001

AB104IT (27913) Matr. 20408.0001;

AB107PT (27094) Matr. 20408.0001;

AB63EX (23909) Matr. 20408.0001;

AB83TK (22503) Matr. 20408.0001;

AB84IT (27914) Matr. 20408.0001;

AB84PT (22484) Matr. 20408.0001;

AB95AUS (23879) Matr. 20408.0001;

AB95EU (23781) Matr. 20408.0001;

AL102PFR (27299) Matr. 20408.0001;

AL109K (23910) Matr. 20408.0001;

AL10UK (23590) Matr. 20408.0001;

AL65PT (27093) Matr. 20408.0001;

LNA855FR (27595) Matr. 20325.0001;

W103NL (24600) Matr. 20314.0001;

W103TTK (23337) Matr. 20408.0001;

W103UK (23334) Matr. 20408.0001;

W104DE (24834) Matr. 20408.0001;

W104FR (23340) Matr. 20408.0001;

W104NL (23386) Matr. 20408.0001;

W104SP (24415) Matr. 20325.0001;

W104TBE (25474) Matr. 20408.0001;

W104TEX (23332) Matr. 20408.0001;

W105FR (27700) Matr. 20408.0001;

W113UK (23335) Matr. 20408.0001;

W63TAUS (25885) Matr. 20408.0001;

W63TEX (24768) Matr. 20408.0001;

W73FR (23329) Matr. 20408.0001;

W83DE (24833) Matr. 20408.0001;

W83NL (24599) Matr. 20313.0001;

W83SP (23317) Matr. 20312.0001;

W83TAUS (25886) Matr. 20408.0001;

W83TEX (23310) Matr. 20318.0001;

W83TK (23320) Matr. 20408.0001;

W83TTK) (23321) Matr. 20408.0001;

W83UK (23302) Matr. 20408.0001;

W85FR (27699) Matr. 20408.0001;

W93TEX (23308) Matr. 20408.0001;

W93UK (23330) Matr. 20408.0001;

W9521E (25379) Matr. 20408.0001;

WA10IT (26880) Matr. 20408.0001;

WA10PT (27641) Matr. 20408.0001;

WA6IT (26878) Matr. 20408.0001;

WA6PT (27639) Matr. 20408.0001;

WA8IT (26879) Matr. 20408.0001;

WA8PT (27640) Matr. 20408.0001;

WP100EX (27761) Matr. 20408.0001;

WP67EX (27757) Matr. 20402.0001.

n1040241
Indivisible timer knob and push-push mec

From serial number 20305.0001, the component knob / selector code 084812 is provided with internal flaps, which ensure a perfect assembly of the knob and push-push mechanism on the built-in washing machines. This prevents the knob from coming off when the plastic material becomes soft due to temperature increasing inside the appliance during the drying phase.

To remove the selector knob, proceed exclusively as follows:

1) Using a drill with a 12 mm bit, drill a hole in the centre of the knob (see fig. 1).

2) Using a cross screwdriver, loosen the screw that secures the knob to the selector (see fig. 2);

3) Extract the knob with push-push mechanism from the selector (see fig.2) .

Fit the new knob after fixing with the screw the push-push mechanism (recovered) to the selector shaft.

In the event that the old push-push mechanism cannot be reused, use the kit code 087814 that comprises the following items:

Code 084816 - Push-push mechanism;

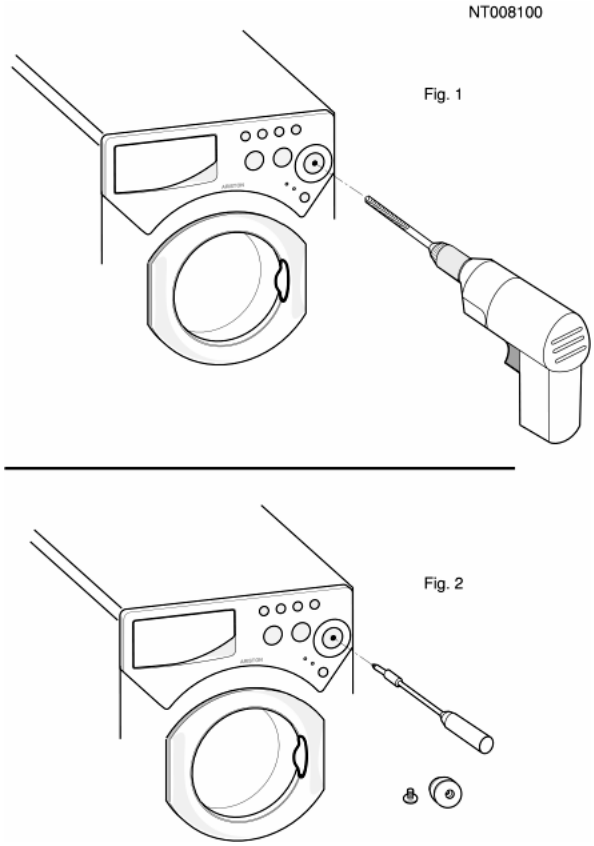
Code 087815 - Timer screw 1/2 T4,2X12.7;

Code 047922 - Compression spring;

Code 084812 - Component knob / timer.

Code 087814 replaces the timer knob kit 084815 used on the Built-in Washing Machines, which is managed until stocks run out and has a different screw code 056511.

The knobs used on the components can be extracted; as spare part they are already assembled with the push-push mechanism.



n1040242

Power card with welded eeprom.

From serial number 20304.0001, IDC power card with welded eeprom is used to ensure the perfect connection of all parts, in the Comunanza, Teverola and Brembate factories.

To replace the module with welded eeprom, it will be necessary to use the eeprom indicated in the SAT document of the model concerned.

To replace the module on a unit with welded eeprom (Cod. 084838, 089405, 089404, 089416, 089074, and 090505), both the SAT module and the eeprom are required, because the latter cannot be reused.

n1040246

Button switch NO

From serial number 20302.0001, the button switch NO code 088394 is used instead of the premodified switch NO+NO code 075445 (see attached illustration) and the button switch SE-NO code 063971 is used instead of the premodified switch SE-NO code 058465 (see attached illustration) on washing machine AL68XPT .

Both switches are regularly managed, therefore in case of repair the serial number of the unit must be taken into consideration.

This modification also regards the wiring code 088448 which as with all the LB 2000 models, is managed only by request, i.e. without stock, in order to always manage the interchangeable one with the last modification.

Due to the simplicity of the modification, the images of the wiring diagrams used remain the same as the IDC wiring diagrams already available on the WEB.

The modification will be also extended to other models which from time to time will be listed below.

COMUNANZA (Codes 063971 e 08394)

A1124UK (23572) Matr. 20318.0001;

A1234UK (23573) Matr. 20318.0001;

A1324UK (28068) Matr. 20318.0001;

AA1000BFR (25700) Matr. 20318.0001;

AAX106LFR (25698) Matr. 20318.0001;

AAX116LFR (25591) Matr. 20318.0001;

AAX126LFR (25699) Matr. 20318.0001;

AB104XTK (22505) Matr. 20318.0001;

AB108XEO (26389) Matr. 20318.0001;

AB108XIT (22443) Matr. 20318.0001;

AB63XGR (24894) Matr. 20318.0001;

AB65XEO (24492) Matr. 20318.0001;

AB67XIT (27896) Matr. 20318.0001;

AB84XTK (22504) Matr. 20318.0001;

AB87XIT (27897) Matr. 20318.0001;

AB88XEX (23681) Matr. 20318.0001;

AB88XIT (22444) Matr. 20318.0001;

ABS66XIT (28070) Matr. 20311.0001;

AL107FR (23684) Matr. 20318.0001;

AL108XBE (23648) Matr. 20318.0001;

AL108XSTK (22698) Matr. 20318.0001;

AL108XTK (22506) Matr. 20318.0001;

AL109SLFR (22495) Matr. 20318.0001;

AL109XAUS (26024) Matr.20318.0001;

AL109XEU (22514) Matr. 20318.0001;

AL109XIT (22360) Matr. 20318.0001;

AL109XSK (25855) Matr. 20318.0001;

AL128XBE (23656) Matr. 20318.0001;

AL129SLBE (23990) Matr. 20318.0001;

AL129XAUS (23864) Matr. 20318.0001;

AL129XEU (22515) Matr. 20318.0001;

AL129XEU (22515) Matr. 20318.0001;

AL129XSK (25856) Matr. 20318.0001;

AL129XTK (22507) Matr. 20318.0001;

AL12SUK (24363) Matr. 20318.0001;

AL12UK (23576) Matr. 20318.0001;

AL67XHCGR (23885) Matr. 20318.0001;

AL68X (22363) Matr. 20318.0001;

AL68X (22363) Matr. 20318.0001;

AL68XEX (23863) Matr. 20318.0001;

AL68XSPT (22977) Matr. 20318.0001;

AL68XSPT (22977) Matr. 20318.0001;

AL78XPT (27627) Matr. 20318.0001;

AL78XSPT (27628) Matr. 20318.0001;

AL88XEU (22512) Matr. 20318.0001;

AL88XPT (22482) Matr 20318.0001;

AL88XSPT (22483) Matr. 20318.0001;

AL89X (22362) Matr. 20318.0001;

AL89XSIT (22445) Matr. 20318.0001;

AL98XPT (27629) Matr. 20318.0001;

AL98XSPT (27630) Matr. 20318.0001;

ALS104XFR (22501) Matr. 20311.0001;

ALS109XEU (22520) Matr. 20311.0001;

ALS109XIT (22470) Matr. 20311.0001;

ALS109XIT (22470) Matr. 20311.0001;

ALS129XEU (22521) Matr. 20311.0001;

ALS68XIT (22473) Matr. 20311.0001;

ALS869XIT (24887) Matr. 20311.0001;

ALS88XEO (26391) Matr. 20311.0001;

ALS88XEU (22519) Matr. 20311.0001;

ALS89XIT (22472) Matr. 20311.0001;

ALS89XIT (22472) Matr. 20311.0001;

ALS89XSIT (22471) Matr. 20311.0001;

L687XIT (24890) Matr. 20318.0001;

L687XIT (24890) Matr. 20318.0001;

LE1069XIT (27895) Matr. 20318.0001;

LE869XIT (24884) Matr. 20318.0001;

LES669XIT (24886) Matr. 20311.0001;

W104TKSTK (24746) Matr. 20318.0001;

W104TXTK (23411) Matr. 20318.0001;

W105TXEX (23403) Matr. 20318.0001;

W105XDE (24835) Matr. 20318.0001;

W106XDE (28089) Matr. 20318.0001;

W108XIT (23402) Matr. 20318.0001;

W108XSP (23408) Matr. 20318.0001;

W123SUK (23413) Matr. 20318.0001;

W123UK (23369) Matr. 20318.0001;

W123XNL (23416) Matr. 20318.0001;

W124XDE (24837) Matr. 20318.0001;

W124XNL (23418) Matr. 20318.0001;

W125TXCH (28194) Matr. 20318.0001;

W125TXEX (23378) Matr. 20318.0001;

W125XDE (24838) Matr. 20318.0001;

W125XFR (24435) Matr. 20318.0001;

W125XSDE (24839) Matr. 20318.0001;

W126XDE (24840) Matr. 20318.0001;

W128XFR (27701) Matr. 20318.0001;

W128XSP (24428) Matr. 20318.0001;

W682XSIT (24813) Matr. 20318.0001;

W683XGIT (24812) Matr. 20318.0001;

W68XIT (24408) Matr. 20318.0001;

W68XSIT (24409) Matr. 20318.0001;

W842XSIT (24818) Matr. 20318.0001;

W843XGIT (24820) Matr. 20318.0001;

W84TXEX (23401) Matr. 20318.0001;

W84TXTK (23410) Matr. 20318.0001;

W84XSP (23409) Matr. 20318.0001;

W84XSP (24469) Matr. 20318.0001;

W857XSPT (26661) Matr. 20318.0001.

W88XIT (23395) Matr. 20318.0001;

WA10XIT (26883) Matr. 20318.0001;

WA10XIT (26883) Matr. 20318.0001;

WA6XIT (26881) Matr. 20318.0001;

WA8XIT (26882) Matr. 20318.0001;

WA8XSIT (26919) Matr. 20318.0001;

WAS6XIT (27052) Matr. 20311.0001;

WAS8XIT (27053) Matr. 20311.0001;

WS105TXEX (23356) Matr. 20311.0001;

WS682XSIT (24826) Matr. 20311.0001;

WS683XGIT (24822) Matr. 20311.0001;

WS68XIT (24594) Matr. 20311.0001;

WS84TXEX (23355) Matr. 20311.0001;

WS88XIT (23349) Matr. 20311.0001;

TEVEROLA (Code 063971)

AB40AG (26350) Matr. 20304.0001;

AB40EX (24733) Matr. 20304.0001;

AB40IT (22468) Matr. 20304.0001;

AB43AG (24364) Matr. 20304.0001;

AB43EX50-60HZ (23907) Matr. 20304.0001;

AB43IT (22467) Matr. 20304.0001;

AB43PT (22489) Matr. 20304.0001;

AB43SP (23899) Matr. 20304.0001;

AB52PT (27554) Matr. 20304.0001;

AB53AG (27088) Matr. 20304.0001;

AB53EO (23780) Matr. 20304.0001;

AB53EX50-60HZ (23908) Matr. 20304.0001;

AB53IT (22460) Matr. 20304.0001;

AB56FR (22740) Matr. 20304.0001;

AB60IT (26971) Matr. 20304.0001;

AB63IT (22455) Matr. 20304.0001;

AB64AG (24365) Matr. 20304.0001;

AB64AG (24365) Matr. 20304.0001;

AB64PT (22486) Matr. 20304.0001;

AB66FR (22490) Matr. 20304.0001;

BE563IT (24882) Matr. 20304.0001;

W41IT (27758) Matr. 20304.0001;

W432SIT (24806) Matr. 20304.0001;

W432SIT (24806) Matr. 20304.0001;

W435PT (23319) Matr. 20304.0001;

W43FR (23312) Matr. 20304.0001;

W43IT (23299) Matr. 20304.0001;

W43IT (23299) Matr. 20304.0001;

W43SP (27506) Matr. 20304.0001;

W43SP (27506) Matr. 20304.0001;

W43TAG (23323) Matr. 20304.0001;

W43TAG (23323) Matr. 20304.0001;

W43TEX (23306) Matr. 20304.0001;

W43TEX (23306) Matr. 20304.0001;

W44IT (23294) Matr. 20304.0001;

W44XIT (25547) Matr. 20304.0001;

W4521E (25377) Matr. 20304.0001;

W4521E (25377) Matr. 20304.0001;

W535PT (23385) Matr. 20304.0001;

W53FR (25471) Matr. 20304.0001;

W53IT (23300) Matr. 20304.0001;

W53SP (23338) Matr. 20304.0001;

W53TEX (24767) Matr. 20304.0001;

W53TEX (24767) Matr. 20304.0001;

W543GIT (25688) Matr. 20304.0001;

W630FR (24613) Matr. 20304.0001;

W634PT (24627) Matr. 20304.0001;

W63FR (23341) Matr. 20304.0001;

W63IT (23295) Matr. 20304.0001;

W63SP (23316) Matr. 20304.0001;

W63TEX (23305) Matr. 20304.0001;

W63XIT (25544) Matr. 20304.0001;

W642TXEX (25548) Matr. 20304.0001;

W64IT (24413) Matr. 20304.0001;

W6521E (25378) Matr. 20304.0001;

WA8IT (26879) Matr. 20304.0001;

WP42IT (27759) Matr. 20304.0001;

WP42IT (27759) Matr. 20304.0001;

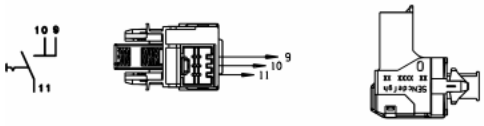
WP62EX (27760) Matr. 20304.0001;

n1040276

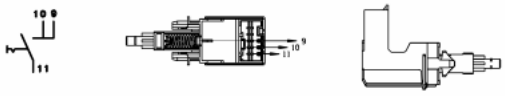
Power supply cable + integrally moulded filter.

All appliances produced in the Comunanza (from serial no. 21008.0001), Teverola (from serial no. 21111.0001) and Brembate (from serial no. 21119.0001) factories have been equipped with power supply cables with integrally moulded filter (see fig.1 - 1A and 1B) and new units having a specific opening at the back for fixing the new cables (see fig. 1 - 1C).

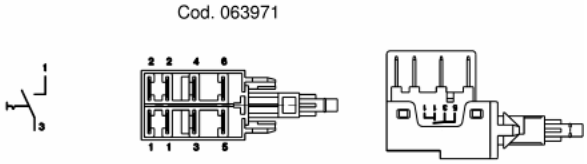
Cod. 088394



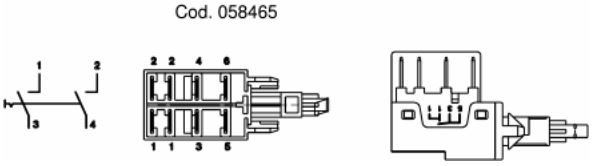
Cod. 075445



Cod. 063971



Cod. 058465



The new units, together with the new cables, can be used in place of the premodification ones, by connecting the wiring to the cable, as shown in figure 1 - 1D.

The codes of the new units and of those replaced (ESI - table n1040276fig02), which will be managed until stocks run out, are given below.

The new power supply cables are:

Code 091632 - Power supply cable 3x1 schuko 1.5m+capacitance filter;

Code 091633 - Power supply cable 3x1 schuko 1.5m+inductive filter;

Code 091634 - Power supply cable uk 3x1 l= 1950mm + inductive filter;

Code 091635 - Power supply cable uk 3x1 l=1950mm+capacitance filter;

Code 091636 - Power supply cable l=2.55m austral+inductive filter;

Code 091641 - Power supply cable l=2550mm ag +capacitance filter;

Code 091642 - Power supply cable 1.85mt usa no inductive filter;

Code 091643 - Power supply cable 3x1 (ch) 1.5m+inductive filter;

Code 091645 - Power supply cable 3450mm south af.+capacitance filter;

Code 091690 - Power supply cable shuko l2.55m korea+inductive filter;

Code 091689 - Power Supply cable l=2550mm ag +inductive filter.

IMPORTANT: the fixing / continuity screw is a specific self-scraping screw (code 092348) that ensures earth continuity between the filter and the unit. The same screw must be refitted in order to guarantee machine conformity.

The premodification wirings, are also managed for modified products by making the connection to the terminal block of the new cable as shown in fig. 1 - 1D.

The wiring diagrams given in the Documentation remain unchanged.

DESCRIZIONE MOBILI	STABILIMENTO	CODICE SAT MOBILE V.T.	CODICE SAT MOBILE N.T.
MOBILE B.27 'AB40-STAB.46'	TEVEROLA	65974	**90584**
MOBILE BIANCO 'W113(UK)'	TEVEROLA	75417	**90583**
MOBILE BIANCO 'LVB2000'	COMUNANZA	64500	**90582**
MOBILE BIANCO 'ALS-ABS LVB2000'	COMUNANZA	74146	**90581**
MOBILE SILVER 'LVB2000'	COMUNANZA	74184	**90580**
MOBILE SILVER ALS'LVB2000	COMUNANZA	74629	**90579**
MOBILE BIANCO W133(UK)	COMUNANZA	75315	**90578**
MOBILE BIANCO AL148FR'	COMUNANZA	76629	**90577**
MOBILE BIANCO WS63XIT)'	COMUNANZA	76744	**90576**
MOBILE SILVER FIAT 647'W68XSIT'	COMUNANZA	77022	**90575**
MOBILE BIANCO DIALOGIC-2001	COMUNANZA	84310	**90574**
MOBILE BIANCO LBE8X	COMUNANZA	84808	**90573**
MOBILE BIANCO27 INDESIT	BREMBATE	84713	**91748**
MOBILE ARISTON BIANCO27 6KG	BREMBATE	89483	**91742**
MOBILE BIANCO27 6KG '535'	BREMBATE	83287	**91749**
MOBILE BIANCO27 5KG	BREMBATE	81696	**91752**
MOBILE ARISTON BIANCO27 SLIM	BREMBATE	89649	**91754**
MOBILE INDESIT BIANCO27	BREMBATE	89963	**91756**
MOBILE BIANCO27 6KG INDESIT	BREMBATE	91036	**91758**

n1040282
New drainage OKO system.

From serial number 21219.0001, the new "OKO" drainage system has been introduced on the washing machines produced in the Comunanza factory.

The last two numbers of the Industrial Code (located on the rating plate) of the models relevant to this note will be 30 (e.g. 80233560130 - see Appendix A)

N.B. The industrial code will not change on the models with induction motor (see following list).

MODEL	INDUSTRIAL CODE
ABS53XIT	80224800000
AB54XPT	80224870100
AB63XEX	80225100100
ABS63XEU	80225180100
WS44XIT	80233440100
WS431TXEX	80233470100
WS642TXEX	80233540100
W63XSP	80233890000
AB53XEU	80238820000
AB65XEU	80238830000
AL 64XSP	80239020100
WS43XIT	80244510000
WS53XIT	80244520000
WH66TXE	80253750100
ABS63XEO	80263900000

The new items are:

- EEPROM (the OKO system requires a new setting of load timing parameters). THE NEW EEPROMS REPLACE ALL THE ONES CODED PREVIOUSLY.

- BOWL (hopper tube hole shifted forwards);

- DETERGENT LOADING TUBE (see fig. 1);

- PRESSURE SWITCH (changed levels);

- OKO PUMP BOWL BLOWER + BALL (see fig. 2A, 2B and 2C);

- CONDUCTIVITY SENSOR (if provided, it is shorter than the premodification item);

- DRAIN PUMP (without detergent collecting tube connection);

- HOPPER (shifted in front of detergent loading tube connection). Fig. 3A post-modification. Fig. 3B premodification);

- AIR TRAP (different shape);

- PRESSURE SWITCH TUBE (different length);

- DRAIN TUBE STOP (specific);

In particular, the OKO system consists of a spherical plastic component inserted in the tube that connects the bowl to the drain pump (see fig.2 A).

At the beginning of each wash cycle the washing machine fills water for 10 seconds and activates the drain pump for 2 seconds. In this way, the water level in the bowl is different from that in the drain tube; this difference increases the thrust of the ball upwards, closing the bowl-pump connection tube hermetically (see fig. 2D).

This system has the double advantage of:

1) separating the wash water and the water in the drain hose, thus saving energy during the heating phase;

2) and ensuring optimal use of all the detergent.

With the introduction of this new component, the detergent collecting tube is no longer required and the pump has one hole only to convey water from the tank.

For the correct operation of the OKO system, it is important that the drain hose of the washing machine remains fixed to the back of the unit with a plastic clamp (to this end, the clamp withstands a 25 kg load; see reference 1 in fig. 4); otherwise, the drain hose must absolutely reach the height of the clamp. (minimum 60 cm.)



n1040286
Shock absorbers with 8.15 mm fixing hole.

From serial number 30127.0001, for appliances produced in the Comunanza factory, the shock absorbers will be fixed to the tank unit cradle using: the 8 mm diameter screw code 093750 in place of the 10 mm screw code 030446, and related locking nut code 030443 in place of code 030680.

The items affected by this modification are:

Code 093848 - Tank unit cradle 46 lt ;

Code 093878 - Tank unit cradle 40 lt.

Code 093884 - Shock absorber 80 N

Code 093885 - Shock absorber 120 N

The premodified shock absorbers code 086515 and 086372 will continue to be used, whereas cradles code 064518 and 066074 will be used until stocks run out, after which they will be replaced with the new items after widening the shock absorber fixing holes to a diameter of 11 mm.

n1040289
OKO tube on SNELLA range models with induction motor.

From serial number 30212.0001, a shorter OKO pump bowl tube SAT code 094312 is being used on the SNELLA range models with induction motor in order to improve the drain. The new tube replaces SAT code 092174 used on all other models produced in the Comunanza factory.

The appliances relevant to the modification are:

WS63XIT

WS43XIT

WS642TXEX

WS431TXEX

WS44XT

ABS63XEU

ABS63XEO

ABS53XIT.

The same modification starting from serial number 30414.0001 is suitable even for models SNELLA with collect motor and for built-in models.

n1040291
Interchangeability of bowls on LB2000 appliances Comunanza..

The Comunanza factory has modified the oscillating unit on all the 2000 range models produced in the Comunanza factory:

a) From serial number 21219.0001, the LB 2000 EVO bowl (see fig. 02) is gradually replacing the LB2000 version (see fig. 01), with the following differences:

1) Detergent loading tube hole shifted forwards;

2) Elimination of detergent recovery tube hole.

This modification has involved the introduction of the following items:

· Detergent loading tube (washing machine SAT code 092161and combined washer-dryer SAT code 092273);

· OKO pump bowl tube (models code 092174, Snella models with induction motor code 094312);

· Hopper (for rotary slide drawer SAT code 092176, for linear slide drawer code 092314);

b) From serial number 30312.0001, all washing machines produced in the Comunanza factory have been equipped with the new LB2000 EVO II range bowl (see fig. 03), in place of the LB2000 EVO version (see fig. 02), with the following difference:

1) Porthole with a diameter of 30 cm instead of 28 cm;

This modification has involved the introduction of the following items:

· Tapered porthole seal - rear diameter 30 cm front 28 cm;

Code 093345 - Standard seal;

Code 094091 - Washer-dryer seal;

Code 094093 - Snella seal

· Porthole seal rear fixing ring for 30 cm diameter SAT code 092155;

· Front counterweight (SAT code 092178).

Two LB2000 Evo bowl codings have been created in order to reduce the number of bowls managed by the After-sales Service (see fig. 04):

1) LB2000 Evo bowl kit coding (Table 01);

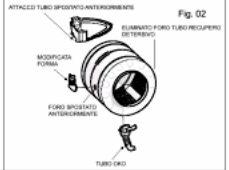
2) LB2000 EVO II range bowl kit coding (Table 02);

All bowl codes (with related interchangeability), are indicated in fig. 04 TAB. 03 attached to this Note.

Starting from serial number 30325.0001, for all the versions of Evizzate SNELLA LB2000 washing machines produced in the Comunanza factory the diameter of tapered porthole must seal return 28 cm. Starting from this serial number all the washing machines must be supported with door seal and fixing ring in old version.

Starting from serial number 30616.0001, for all the washing machines Evizzate LB2000 produced in Comunanza, the diameter of tapered porthole must seal return 28 cm. Starting from this serial number all the washing machines must be supported with door seal and fixing ring in old version.

n1040300

		CUBA LB 2000	CUBA LB 2000 EVOLUCIONADA
EN PRODUCCION		Matricula MENOR (<) 21218.0001	Matricula Entre 21219.0001 y 30312.0001
		Fig. 01 	Fig. 02 
		MODIFICACIONES	Agujero tubo detergente puesto en parte delantera Eliminado tubo recuperación detergente Modificado tubo de cuba a tornita (Sistema OKO) Modificada forma tubo de jabonera a cuba Modificada salida de jabonera
SERVICIO TECNICO	CUBA OBSOLETO		
	064513 077330	KIT 092414	
	061827	KIT 092421	
	074217	KIT 092257	
	080661	KIT 092263	
	084591	KIT 092415	
	076778	KIT 092452	
	076850	KIT 092545	
	078876 074134	KIT 092311	

Short heating element for 46 l. tubs and type 4 mechanism.

From serial number 30606.0001, all washing machines with 46 litre tubs, codes 094283, 094273 and 094279, have been equipped with shorter heating elements, which required the heater retaining bracket hole to be moved back (see fig. 01).

As the tub replacement mainly concerns premodification appliances, it was decided that with those supplied as replacements the retaining bracket will remain in the old position. Therefore, if the tub needs replacing, it will not be necessary to also replace the heating element or make the hole and position the retaining bracket.

When replacing the heating element pay particular attention to the serial number of the appliance and therefore the choice of the SAT code.

Codes of short heating elements:

Washing machine

Code 087188 - HEATING ELEMENT+ F. PROBE 1700W/230V 169.5IDC

Washer-dryer

Code 066086 - HEATING ELEMENT WITH THERMOFUSE 1700W / 230V+T

Codes of premodification long heating elements:

Washing machine

Code 086661 - IDC HEATING ELEMENT + PROBE1700W 230V L212.5MM;

Washer-dryer

Code 064556 - WASHER-DRYER HEATING ELEMENT WITH THERMOFUSE 1700W / 230V+TE

The new heating elements have been included in the documentation of all models affected by this modification.

If the heating element retaining bracket needs to be shifted, it must be removed and then the new hole must be made in the tub using a 4.2 mm bit, taking into account that the distance between the two holes must in any case be 43 mm.

To plug the old hole use the s/steel TMT M4 X 12 screw (screw kit code 037132) with vellumoid washer and the self-locking flanged nut code 037135, bearing in mind that the head of the screw must protrude and that its tightening must not cause the vellumoid gasket supplied with the screw to break.

From serial number 30612.0001, the T4 mechanism has been introduced on some oscillating units.

The new tub units are perfectly interchangeable with the premodification ones and therefore maintain the same SAT codes.

The modification especially concerns the basket cross element and the tub cross element assembly that are specific for the new mechanism.

For servicing the products both the premodification tub cross element assembly (code 074213) and the new assembly (cod. 096077) must be managed; their use is indicated by the serial number of the relevant product.

The relevant Sat codes are:

TUBS (they maintain same SAT code as the premodification parts).

Models “Evizzati “ Serial number > 30312.0001 and < 30616.0001

SAT code 094279 TUB 46L.B5 CV5 EVO II 1200 rpm;

SAT code 094281 TUB 46 L. B5-CV5 LD EVO II 1200 rpm LD;

SAT code 094276 TUB 46 L. B3- CV3 LD EVO II 600-850 rpm;

SAT code 094273 Tub 46 litres B3-CV3 600/850/1000 rpm;

SAT code 094287 Tub 40 litres b5-cv5 40 litres 1200-1400 rpm;.

Models Serial number <30312.0001 and > 30616.0001.

Cod. SAT 092257 OUTER TANK & INNER DRUM ASSY B5 CV5

Cod, SAT 092263 OUTER- SET 46 L. CV5-B5 LD;

Cod. SAT 092421 OUTER- SET 46 L. EVIZZ. B5 CV3 LD;

Cod. SAT 092414 OUTER- SET 46 L.EVIZZ. B3 CV3

Cod. SAT 092545 OUTER TANK & INNER DRUM ASSY 40 L B5 CV5

CROSS ELEMENT ASSEMBLY AND SINGLE PARTS MANAGED AS REPLACEMENTS.

SAT code 096077 Cross element assembly with seal rings CV4;

SAT code 096186 Seal ring CV4;

SAT code 013563 Bearing 6205-2Z SKF;

SAT Code 002591 - Bearing 6204-2Z SKF;

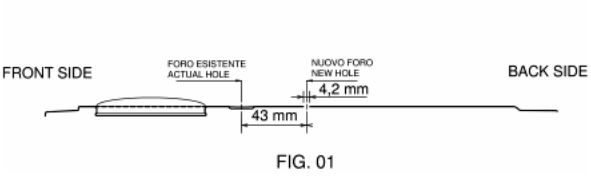
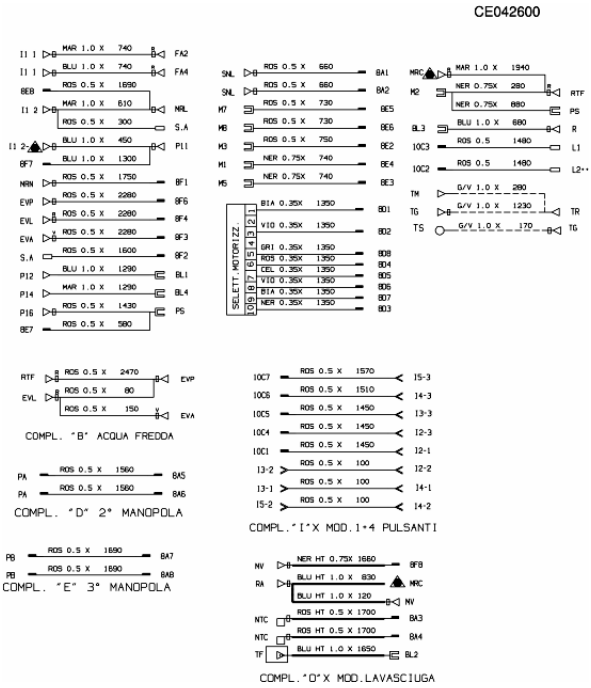


FIG. 01

Electric schemes and links

Cod. ce042600



Legend

Legend: ce042600

B	Buzzer	N	Neutral or Terminal Board
BF	Terminal board contact, motor fan and dryer heatin	NC	Spin cycle exclusion
BP	Buzzer	P	Pressure switch
C	Condensator	PA	High speed potentiometer
CA	Condensator	PB	Low speed potentiometer
DV	Switching device	PL	Pure Wool
EF/CL	Electro-Valve Cold Water / Bleach	PM	Motor Thermoprotector
EF/L	Electro-Valve Cold Water / Wash	PR	Timer programmer
EF/P	Electro-Valve Cold Water / Prewash	PS	Drain pump
ER	Exclude Heating Element	P1	1st level pressure cut-off switch
ET	Thermostat disactivation	P2	2nd level pressure cut-off switch
EV	Electrovalve	R	Heating element
EVA	Dryer electrovalve	Ras/RA	Dryer heating element
EVC	Hot water electrovalve	RE	Relay
EVF	Elettrovalvola acqua fredda	RR	Heating element
EVL	Wash electrovalve	RV	Speed regulator
EVP	Pre Wash electrovalve	S	LED
FA	Antijamming filter	SL	Line LED
FD	Delicate drying cycle thermostat	SO	Door LED
FE	Strong drying cycle thermostat	SR	Heating LED
FRT	Thermofusible Heating Element	ST	Temperature selector
I	Inverter	SV	Speed Selector for Spin
IA	Switch On/Off	T	Timer contacts
IC	Switch N.C. - 1/2 Load	TA	Drying timer contacts
ID	Switch display	TB	Low Temperature Thermostat

IE	Water Saving Device	TC	Spider wheel earth
IF	Switch - Spin Reduction	TFL	Flange earth
IP	Door switch	TG	Main earth
IR	Line switch	TH	Thermostat
IS	Water-stop	THF	Operating thermostat
I1..2..3..	Switches/switching devices	THR	Adjustable thermostat
L	Line or Lamp	TH1	1st temperature thermostat
LB	Low Level	TH2	2nd temperature thermostat
LN	Normal Level	TH3	3rd temperature thermostat
LS	Pilot lamp	TM	Motor earth
M	Earth-symbol	TMB	Main cabinet earth
MC	Spin cycle motor	TMP	Motor thermal protector
MI	MOTOR WITH PULLEY	TMS	Thermostop
ML	Wash cycle motor	TP	Thermal protector
MO	Terminal Board	TPS	Drain pump earth
MP	Door dip-switch	TR	Heating element earth
MR	Thermal Lock	TS	Safety thermostat
MT	Timer motor	TT	Timer earthing connection
MV	Motor fan	TTH	Earthing Thermostat
MV -Ras	Dryer heating element	TV	Tank earth
Mzbn/MTA	zbn timer motor	ZBN	Timer

Electric schemes and links

Cod. lg047400

```
PROGETTO: 28272260000 (CDE12X)  del 12-12-2001

CONFIGURAZIONE MACCHINA:
  Tipologia                 LA [ ARISTON ]
  Acquastop                 OFF
  N. Testi                  4
  N. Manopole               2
  Rapporto trasmissione     11.8
  Velocita massima          1150 RPM
  Vel. distribuzione        93
  Limite NTC lav. fault     215
  Vel. mezzo campo          1600
  Versione EEprom           1
  Ev. calda                 OFF
  Recupero detersivo        ON
  Sensore conducibilita     OFF
  Display elettronico       OFF
  Decalitri 1° liv.         51
  Temper. antishock         164
  Cicli lav. riteratura     0
  Alcal. fine risc.         0
  Alcal. fine risc. extra   0
  Liv. sbilanc. 1           380 g
  Liv. sbilanc. 2           800 g
  Liv. sbilanc. lana        1800 g
  Test. ribil. 1            56
  Test. ribil. 2            15
  Test. ribil. lana         3
  Max RPM liv. sbil. 1      600
  Max RPM liv. sbil. 2      400
  Rapido   (tempo / 3)      23
  Delicato (duty-cycle)     0
  EV stacco immediato       -1.00
  EV stacco ritardato       0.00
  Timeout riattacco         900
  Timeout disattivazione    30


TABELLA DEI TASTI
  TASTO 1 (14 -> Preleveggio          ) (OFF)
  TASTO 2 (18 -> Antimacchia          ) (OFF)
  TASTO 3 (15 -> Rapido               ) (OFF)
  TASTO 4 ( 4 -> Variazione Centrifuga) ( ON)


TABELLA DELLE MANOPOLE
  MANOPOLA  1 ( 2 -> Regolazione Temperat.) ( ON)
    [ 54]  [ 98]  [126]  [138]  [158]  [179]  [192]  [203]
  MANOPOLA  2 ( 4 -> Asciugatura      ) ( ON)   [ MONTAGGIO INVERTITO ]
    [  0]  [  1]  [  1]  [  1]  [  1]  [  1]  [  3]  [  2]  [  1]
    [  0]  [ 25]  [ 20]  [ 11]  [  0]  [  0]  [  0]  [  0]  [  0]


TABELLA DELLE MOVIMENTAZIONI

  MOVIMENTAZIONE 1
    Sinistra (OFF  4  ON  6  RPM 25)    Destra (OFF  4  ON 11  RPM 25)

  MOVIMENTAZIONE 2
    Sinistra (OFF  4  ON 11  RPM 62)    Destra (OFF  4  ON  6  RPM 62)

  MOVIMENTAZIONE 3
    T. BIO. 30  T. MOV. 90

    Sinistra (OFF  4  ON  6  RPM 25)    Destra (OFF  4  ON  6  RPM 25)

  MOVIMENTAZIONE 4
    Sinistra (OFF  6  ON  9  RPM 40)    Destra (OFF  6  ON  9  RPM 40)

  MOVIMENTAZIONE 5
    Sinistra (OFF  4  ON 12  RPM 40)    Destra (OFF  4  ON 12  RPM 40)

  MOVIMENTAZIONE 6
    Sinistra (OFF 11  ON  4  RPM 25)    Destra (OFF 11  ON  4  RPM 25)

  MOVIMENTAZIONE 7
    Sinistra (OFF 56  ON  4  RPM 25)    Destra (OFF 56  ON  4  RPM 25)

  MOVIMENTAZIONE 8
    T. BIO.120  T. MOV.  0
    Sinistra (OFF  0  ON  0  RPM  0)    Destra (OFF  0  ON  0  RPM  0)

  MOVIMENTAZIONE 9
    T. BIO. 20  T. MOV.  0
    Sinistra (OFF  0  ON  0  RPM  0)    Destra (OFF  0  ON  0  RPM  0)

  MOVIMENTAZIONE 10
    T. BIO. 57  T. MOV.  0
    Sinistra (OFF  0  ON  0  RPM  0)    Destra (OFF  0  ON  0  RPM  0)

  MOVIMENTAZIONE 11
    Sinistra (OFF 36  ON  4  RPM 25)    Destra (OFF 36  ON  4  RPM 25)

  MOVIMENTAZIONE 12
    Sinistra (OFF  4  ON  8  RPM 35)    Destra (OFF  4  ON  8  RPM 35)

  MOVIMENTAZIONE 13
    Sinistra (OFF 20  ON  5  RPM 35)    Destra (OFF 20  ON  5  RPM 35)

  MOVIMENTAZIONE 14
    Sinistra (OFF 14  ON 16  RPM 55)    Destra (OFF 14  ON 16  RPM 55)

  MOVIMENTAZIONE 15
    Sinistra (OFF  7  ON  8  RPM 55)    Destra (OFF  7  ON  8  RPM 55)

  MOVIMENTAZIONE 16
    Sinistra (OFF255  ON  2  RPM 55)    Destra (OFF255  ON  0  RPM  0)

  MOVIMENTAZIONE 17
    Sinistra (OFF240  ON  0  RPM  0)    Destra (OFF240  ON120  RPM 93)

TABELLA DELLE CENTRIFUGHE

    CENTRIFUGA 0 (Solo Scarico)

    CENTRIFUGA 1
       Imp.       Rampa      T. Distrib.      T. Centrifuga      RPM
          1           1              30                  1      400
          2           0              30                  3      450
          3           0              30                  1      500
          4           0              30                  3      500
          5           0              30                  3      600
          6           0              30                120      600

    CENTRIFUGA 2 ( con INS )
       Imp.       Rampa      T. Distrib.      T. Centrifuga      RPM

        1 Jump knob*[2 (p 1) -> m.p. 3] + 2 *[Idrostop](0)
        3 *[Avvanza Sel./E](20)
 ------------------------------------------------------------------------
  POSIZIONE 20  - Sintetici 800rpm  (Centrifuga)

    FASE 1 (Centrifuga) -> Macro 65 ( 105 min )
        1 Mantieni*[sec/C.S.P](5)
        2 Centrifuga*[SCAR.](4)
        3 Movimenta*[S.P.](1) + 4 Mantieni*[min/C.S.P.](2)
        5 Centrifuga*[SCAR.](7)
        6 Movimenta*[S.P.](1) + 7 Mantieni*[min/C.S.P.](2)
        8 *[Avvanza Sel./E](21)
 ------------------------------------------------------------------------
  POSIZIONE 21  - Sintetici 0  (Asciugatura)

    FASE 1 (Asciugatura) -> Macro 48
        1 Jump knob*[2 (p 1) -> m.p. 3] + 2 *[Avvanza Sel./E](22)
        3 Jump knob*[2 (p 6) -> m.p. 6]
        4 Jump knob*[2 (p 7) -> m.p. 6]
        5 Jump knob*[2 (p 8) -> m.p. 7] + 6 Jump knob*[2 (p 1) -> fase 4]

    FASE 2 (Asciugatura) -> Macro 37
        1 Carica*[EVL/ASS.](2)
        2 Jump func.*[4 -> m.p. 7] + 3 Riscalda[ASC](115) + 4
Movimenta[S.P.](15) + 5 Impulsivo[](1) + 6 Mantieni*[min/C.S.P.](146)

    FASE 3 (Asciugatura) -> Macro 40
        1 Mantieni*[min/C.S.P.](4) + 2 Movimenta[S.P.](15) + 3
Impulsivo[OFF/POMPA](128) + 4 Impulsivo[](1)
        5 *[Avvanza Sel./E](22)

    FASE 4 (Asciugatura) -> Macro 41
        1 Carica*[EVL/ASS.](2)
        2 Jump func.*[3 -> m.p. 7] + 3 Riscalda[ASC](115) + 4
Movimenta[S.P.](15) + 5 Impulsivo[](1) + 6 Mantieni*[min/C.S.P.](146)
```

Legend

Legend: lg047400

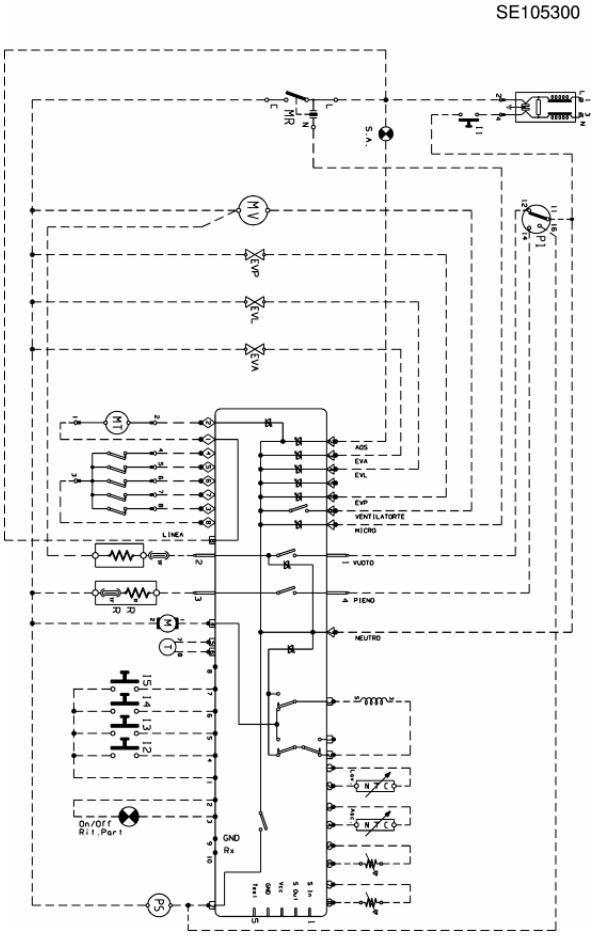
B	Buzzer	N	Neutral or Terminal Board
BF	Terminal board contact, motor fan and dryer heatin	NC	Spin cycle exclusion
BP	Buzzer	P	Pressure switch
C	Condensator	PA	High speed potentiometer
CA	Condensator	PB	Low speed potentiometer
DV	Switching device	PL	Pure Wool
EF/CL	Electro-Valve Cold Water / Bleach	PM	Motor Thermoprotector
EF/L	Electro-Valve Cold Water / Wash	PR	Timer programmer
EF/P	Electro-Valve Cold Water / Prewash	PS	Drain pump
ER	Exclude Heating Element	P1	1st level pressure cut-off switch
ET	Thermostat disactivation	P2	2nd level pressure cut-off switch
EV	Electrovalve	R	Heating element
EVA	Dryer electrovalve	Ras/RA	Dryer heating element
EVC	Hot water electrovalve	RE	Relay
EVF	Elettrovalvola acqua fredda	RR	Heating element
EVL	Wash electrovalve	RV	Speed regulator
EVP	Pre Wash electrovalve	S	LED
FA	Antijamming filter	SL	Line LED
FD	Delicate drying cycle thermostat	SO	Door LED
FE	Strong drying cycle thermostat	SR	Heating LED
FRT	Thermofusible Heating Element	ST	Temperature selector
I	Inverter	SV	Speed Selector for Spin
IA	Switch On/Off	T	Timer contacts
IC	Switch N.C. - 1/2 Load	TA	Drying timer contacts
ID	Switch display	TB	Low Temperature Thermostat

IE	Water Saving Device	TC	Spider wheel earth
IF	Switch - Spin Reduction	TFL	Flange earth
IP	Door switch	TG	Main earth
IR	Line switch	TH	Thermostat
IS	Water-stop	THF	Operating thermostat
I1..2..3..	Switches/switching devices	THR	Adjustable thermostat
L	Line or Lamp	TH1	1st temperature thermostat
LB	Low Level	TH2	2nd temperature thermostat
LN	Normal Level	TH3	3rd temperature thermostat
LS	Pilot lamp	TM	Motor earth
M	Earth-symbol	TMB	Main cabinet earth
MC	Spin cycle motor	TMP	Motor thermal protector
MI	MOTOR WITH PULLEY	TMS	Thermostop
ML	Wash cycle motor	TP	Thermal protector
MO	Terminal Board	TPS	Drain pump earth
MP	Door dip-switch	TR	Heating element earth
MR	Thermal Lock	TS	Safety thermostat
MT	Timer motor	TT	Timer earthing connection
MV	Motor fan	TTH	Earthing Thermostat
MV -Ras	Dryer heating element	TV	Tank earth
Mzbn/MTA	zbn timer motor	ZBN	Timer

Electric schemes and links

Cod. se105300

SE105300



Legend

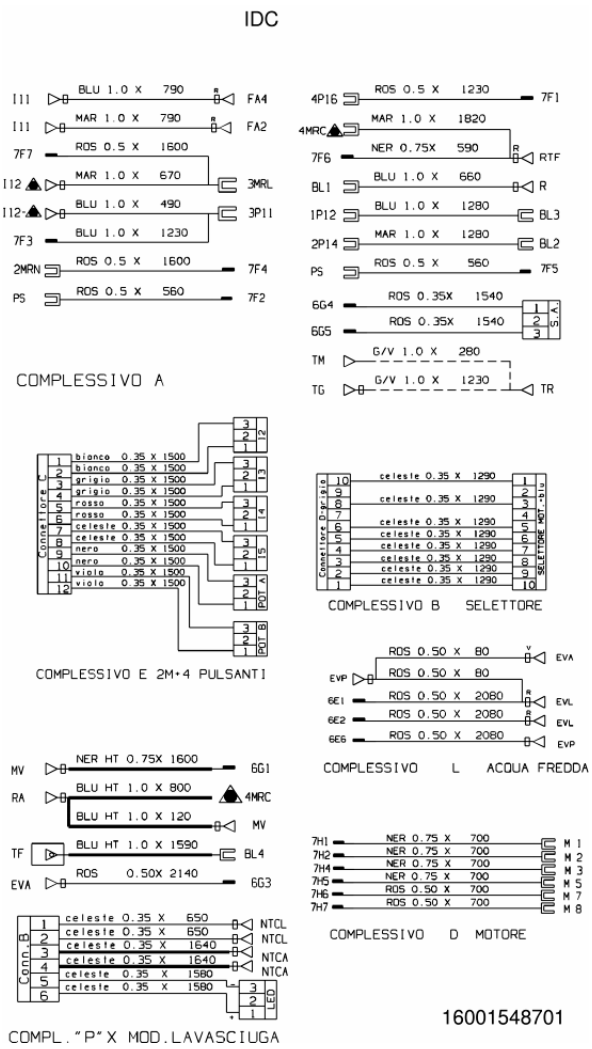
Legend: se105300

B	Buzzer	N	Neutral or Terminal Board
BF	Terminal board contact, motor fan and dryer heatin	NC	Spin cycle exclusion
BP	Buzzer	P	Pressure switch
C	Condensator	PA	High speed potentiometer
CA	Condensator	PB	Low speed potentiometer
DV	Switching device	PL	Pure Wool
EF/CL	Electro-Valve Cold Water / Bleach	PM	Motor Thermoprotector
EF/L	Electro-Valve Cold Water / Wash	PR	Timer programmer
EF/P	Electro-Valve Cold Water / Prewash	PS	Drain pump
ER	Exclude Heating Element	P1	1st level pressure cut-off switch
ET	Thermostat disactivation	P2	2nd level pressure cut-off switch
EV	Electrovalve	R	Heating element
EVA	Dryer electrovalve	Ras/RA	Dryer heating element
EVC	Hot water electrovalve	RE	Relay
EVF	Elettrovalvola acqua fredda	RR	Heating element
EVL	Wash electrovalve	RV	Speed regulator
EVP	Pre Wash electrovalve	S	LED
FA	Antijamming filter	SL	Line LED
FD	Delicate drying cycle thermostat	SO	Door LED
FE	Strong drying cycle thermostat	SR	Heating LED
FRT	Thermofusible Heating Element	ST	Temperature selector
I	Inverter	SV	Speed Selector for Spin
IA	Switch On/Off	T	Timer contacts
IC	Switch N.C. - 1/2 Load	TA	Drying timer contacts
ID	Switch display	TB	Low Temperature Thermostat

IE	Water Saving Device	TC	Spider wheel earth
IF	Switch - Spin Reduction	TFL	Flange earth
IP	Door switch	TG	Main earth
IR	Line switch	TH	Thermostat
IS	Water-stop	THF	Operating thermostat
I1..2..3..	Switches/switching devices	THR	Adjustable thermostat
L	Line or Lamp	TH1	1st temperature thermostat
LB	Low Level	TH2	2nd temperature thermostat
LN	Normal Level	TH3	3rd temperature thermostat
LS	Pilot lamp	TM	Motor earth
M	Earth-symbol	TMB	Main cabinet earth
MC	Spin cycle motor	TMP	Motor thermal protector
MI	MOTOR WITH PULLEY	TMS	Thermostop
ML	Wash cycle motor	TP	Thermal protector
MO	Terminal Board	TPS	Drain pump earth
MP	Door dip-switch	TR	Heating element earth
MR	Thermal Lock	TS	Safety thermostat
MT	Timer motor	TT	Timer earthing connection
MV	Motor fan	TTH	Earthing Thermostat
MV -Ras	Dryer heating element	TV	Tank earth
Mzbn/MTA	zbn timer motor	ZBN	Timer

Electric schemes and links

Cod. 16001548701



Legend

Legend: 16001548701

AQS	Aquastop electrovalve	Mzbn/MTA	zbn timer motor
B	Buzzer	N	Neutral or Terminal Board
BC		NC	Spin cycle exclusion
BF	Terminal board contact, motor fan and dryer heatin	P	Pressure switch
BP	Buzzer	PA	High speed potentiometer
C	Condensator	PB	Low speed potentiometer
CA	Condensator	PL	Pure Wool
DV	Switching device	PM	Motor Thermoprotector
EF/CL	Electro-Valve Cold Water / Bleach	PR	Timer programmer or Pressure switch
EF/L	Electro-Valve Cold Water / Wash	PS	Drain pump
EF/P	Electro-Valve Cold Water / Prewash	P1	1st level pressure cut-off switch
ER	Exclude Heating Element	P2	2nd level pressure cut-off switch
ET	Thermostat disactivation	R	Heating element
EV	Electrovalve	Ras/RA	Dryer heating element
EVA	Dryer electrovalve	RE	Relay
EVC	Hot water electrovalve	RR	Heating element
EVF	Elettrovalvola acqua fredda	RV	Speed regulator
EVL	Wash electrovalve	S	LED
EVP	Pre Wash electrovalve	SL	Line LED
FA	Antijamming filter	SO	Door LED
FD	Delicate drying cycle thermostat	SR	Heating LED
FE	Strong drying cycle thermostat	ST	Temperature selector
FRT	Thermofusible Heating Element	SV	Speed Selector for Spin
I	Inverter	T	Timer contacts
IA	Switch On/Off	TA	Drying timer contacts

IC	Switch N.C. - 1/2 Load	TB	Low Temperature Thermostat
ID	Switch display	TC	Spider wheel earth
IE	Water Saving Device	TFL	Flange earth
IF	Switch - Spin Reduction	TG	Main earth
IP	Door switch	TH	Thermostat
IR	Line switch	THF	Operating thermostat
IS	Water-stop	THR	Adjustable thermostat
I1..2..3..	Switches/switching devices	TH1	1st temperature thermostat
L	Line or Lamp	TH2	2nd temperature thermostat
LB	Low Level	TH3	3rd temperature thermostat
LN	Normal Level	TM	Motor earth
LS	Pilot lamp	TMB	Main cabinet earth
M	Earth-symbol	TMP	Motor thermal protector
MC	Spin cycle motor	TMS	Thermostop
MI	MOTOR WITH PULLEY	TP	Thermal protector
ML	Wash cycle motor	TPS	Drain pump earth
MO	Terminal Board	TR	Heating element earth
MP	Door dip-switch	TS	Safety thermostat
MR	Thermal Lock	TT	Timer earthing connection
MT	Timer motor	TTH	Earthing Thermostat
MV	Motor fan	TV	Tank earth
MV -Ras	Dryer heating element	ZBN	Timer