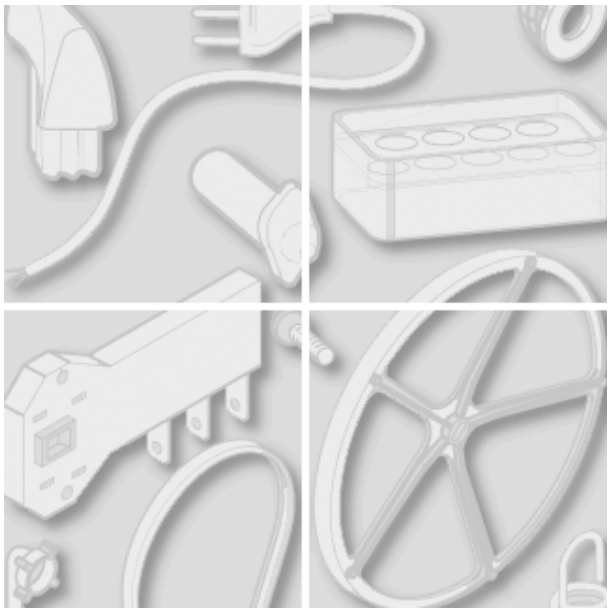
INDESIT company



Model type:
WDE12X

Commercial code:
F027232

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:

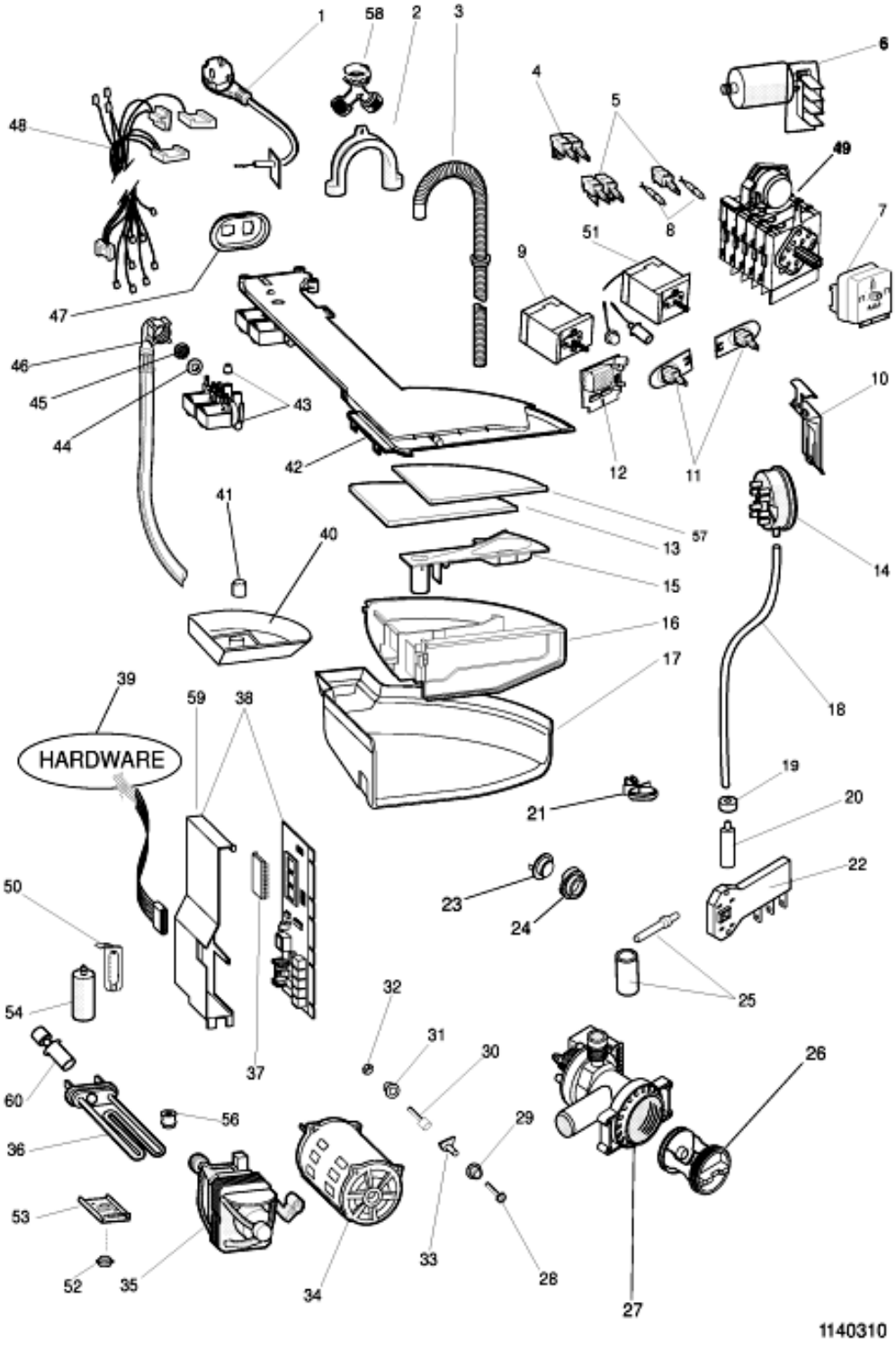
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

1140310 Exploded views



1140310 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00064563				supply cable 3x1 schuko 1,5 m	n1040276	
001	C00091633				supply cable 3x1 schuko		
002	C00019902				plastic -u- to make drain hose		
003	C00027466				drain hose - to sink l=1860mm		
005	C00058465				on-off switch (double pole)		
005	C00075445				push button switch na	n1040229	
005	C00088394				push button switch na idc		
006	C00064559				radio interference suppressor		
007	C00083916				programme selector (idc elbi) (hl)		
008	C00057635				red pilot lamp 230v ariston	n1040229	
008	C00074501				pilot light red 12 v led ariston	n1040229	
008	C00086663				pilot light red 12 v rast 2.5		
008	C00089025				pilot light red 230v ra2,5		
010	C00064537			1 x C00263210	support - pressure switch		
011	C00057242		60228...		potentiometer 8 pos.		
011	C00085195			1 x C00143096	potentiometer 8 pos. idc rast 2,5		
011	C00143096	60301...			potentiometer select 8 posit. rosh		80272320900
013	C00024221				push on fix ring		
014	C00080666				pressure switch 1 l. +		80272320000
014	C00088393				pressure switch 1 l. +	n1040282	80272320000
014	C00092262			1 x C00110327	pressure switch 1 l. +		80272320030
015	C00046154				additive cover		
016	C00046148			1 x C00281253	soap dispenser drawer (rotary)		
017	C00064529				dispenser body (hl)	n1040282	80272320000
017	C00092176				dispenser body		80272320030
018	C00041785			1 x C00144077	air trap hose 540 mm.	n1040282	80272320000
018	C00092170			1 x C00041785	pipe pressostat l= 470mm. evo ii		80272320030
019	C00019755				anti-vibration bush (foam)		
020	C00064532			1 x C00092173	air trap	n1040282	80272320000
020	C00092173				air trap x oko		80272320030
021	C00064530				clip-pressure switch tube		
022	C00011140				door interlock		
022	C00065185				bolt m4,5 x 8		
022	C00085194				door interlock		
023	C00053573				temperature sensor (hl)		

1140310 Spare parts list

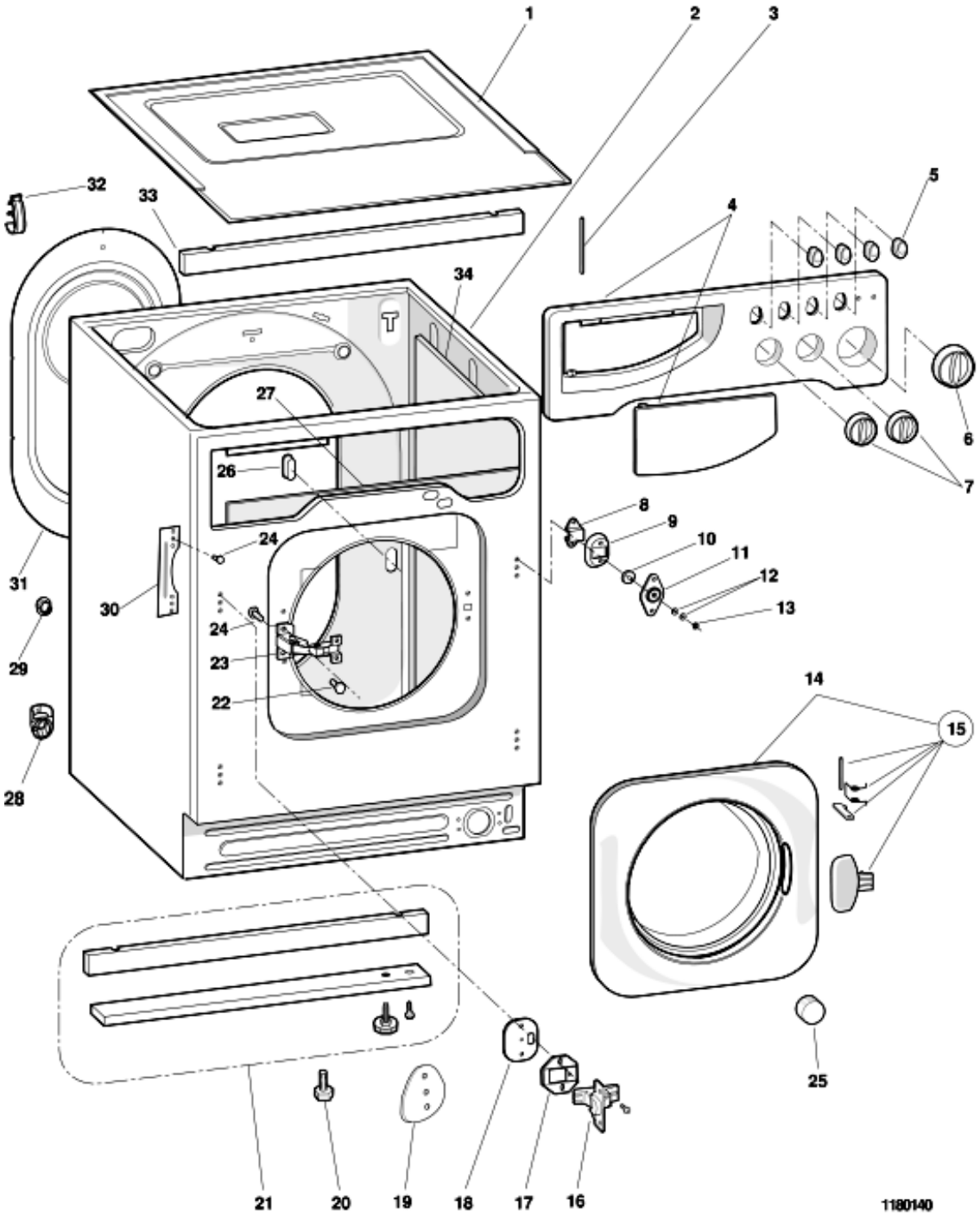
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
024	C00014917				grommet - thermostat		
026	C00045023				filter handle		
026	C00045025				filter seal		
026	C00045027				pump filter kit		
027	C00080667				self cleaning pump	n1040282	80272320000
027	C00092264				self cleaning drain pump (hl)		80272320030
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			1 x C00097257	tacho generator black for ice		
035	C00047317			1 x C00196539	brush for motor		
035	C00074221				motor (hl)	n1040258	
036	C00064556				heat element+cut-out 1700w/230v	n1040300	80272320000
036	C00066086				heating element+t cut-out 1700w		80272320030
037	C00088426			1 x C00092724	eeprom wde12x sw 28272320030	n1040282	80272320000
037	C00092724				eeprom wde12x software		80272320030 80272320900
038	C00080668			1 x C00093153	module (less eeprom) sw 2.01		
038	C00089416			1 x C00093158	module (less eeprom) idc w.d		
038	C00143471	60301...			module evoi - less eeprom		80272320900
039	C00066292		60228...		insulated tweezers		
039	C00084566			1 x C00095669	housing seriale lb2000-pc top		
039	C00084943			1 x C00099862	serial cable lb2000 - pc	n1040317	
040	C00046152			1 x C00287239	additive container		
041	C00046157				stopper detergent container		
042	C00087972				hopper cover 1e 3u 3ev		
043	C00064534				seal - dispenser to valve		
043	C00087241				inlet valve single hot		
043	C00087975				solenoid valve 3 way		
044	C00005572				sealing washer-mains inlet hose		
045	C00005781				inlet hose filter		
046	C00003070				mains inlet hose cold 25c 10bar		
046	C00009415			1 x C00144176	mains inlet hose hot 1500mm		

1140310 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
047	C00084840				electrovalve support 1 ev		
048	C00088334				wiring		
048	C00090789				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		

1180140 Exploded views

Matr. 11123.0001



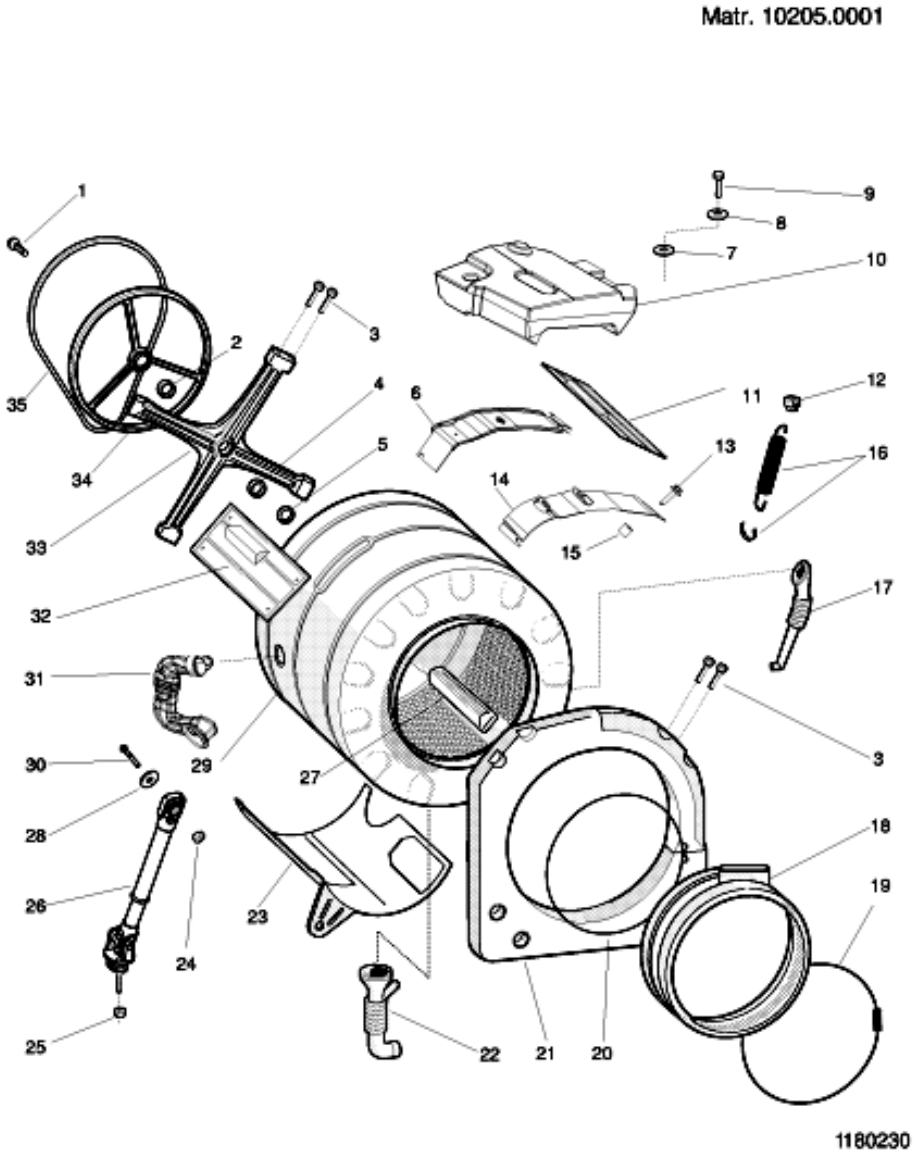
1180140 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00084868				door fixing - template		
000	C00087354				installation hinge kit (20121)		
000	C00088425				user instructions booklet gb-p		
001	C00084883				cabinet cover		
002	C00084808			1 x C00090573 1 x C00116543	cabinet white	n1040276	
002	C00090573			1 x C00116543	cabinet white	n1040359	80272320000 80272320030
002	C00116543				cabinet white pw		80272320900
003	C00065186			1 x C00091882	pivot pin - drawer front 108.5x5		
004	C00088424				control panel + handle	n1040359	80272320000 80272320030
004	C00116658				control panel + handle pw wde12x		80272320900
005	C00044735			1 x C00116614	push button knob white giugiaro	n1040359	80272320000 80272320030
005	C00116614				push button knob white pw		80272320900
006	C00086657			1 x C00116612	wash timer knob white 27	n1040359	80272320000 80272320030
006	C00116612				programme knob white pw		80272320900
007	C00086659			1 x C00116610	components knob white 27	n1040359	80272320000 80272320030
007	C00116610				t/stat or dryer knob pw		80272320900
008	C00058277			1 x C00058030	bolt plate		
009	C00058030				magnet bracket for decor door		
009	C00058278			1 x C00058030	bolt plate support		
010	C00033428				magnet		
011	C00045656				magnet support		
012	C00045655				magnet catch washer		
013	C00024221				push on fix ring		
014	C00088331			1 x C00116566	door frame and glass assy	n1040359	80272320000 80272320030
014	C00116566				door frame and glass assy		80272320900
015	C00086696			1 x C00116581	door handle kit	n1040359	80272320000 80272320030
015	C00116581				door handle assy white		80272320900

1180140 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
016	C00056261				furniture door hinge		
017	C00087348				hinge support shim 11.8 mm		
018	C00087350				hinge plate spacer shim 4 mm		
019	C00055735				door hinge support		
020	C00084810			1 x C00110512	foot - rear m8 x 37 mm		
021	C00084867				built-in washing machine base kit		
022	C00065185				bolt m4,5 x 8		
023	C00064541				outer door hinge assembly	n1040349	
024	C00074149			1 x C00256725	bolt m4x9 tesrfr		
025	C00087353				rubber buffer h=29.5 mm grey		
026	C00084817				blanking plate-rear(test plug)		
028	C00046666				collar for drain hose		
029	C00003144				blanking plug 11mm		
029	C00065871				blanking plug		
030	C00064539				hinge plate door		
031	C00099313			1 x C00116923	rear cover - white	n1040359	80272320000 80272320030
031	C00116923				rear cover - white pw		80272320900
032	C00046667				wiring stop	n1040282	80272320000
032	C00064550				drain hose holder		
032	C00091904				cable clamp hose		80272320030
033	C00085004			1 x C00084867	door strip - white		
099	C00077411				transit bolts kit (1 screw + 1		
099	C00080651			1 x C00032847	rear support		

1180230 Exploded views



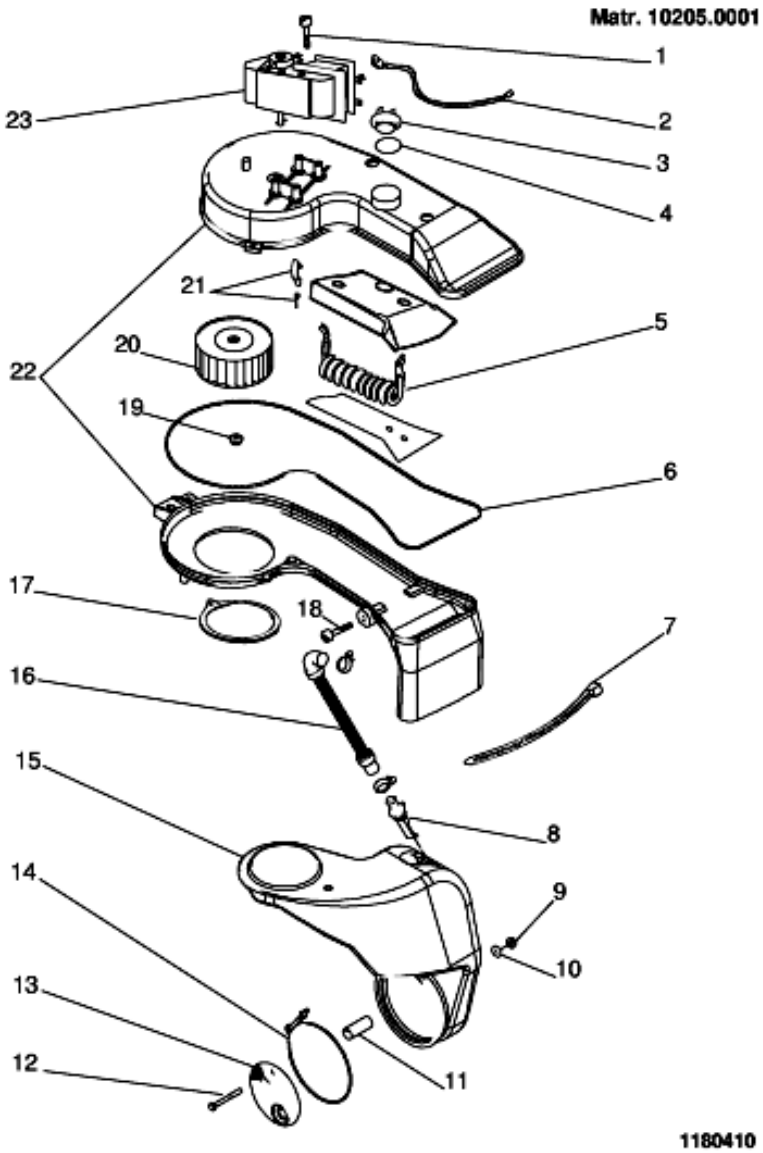
1180230 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00064786			1 x C00143260	bolt m8x23 torx tefl		
002	C00013563				bearing fits light/heavy spider 25		
003	C00051737				torx m8 x 27 dri-loc screw		
003	C00064785			1 x C00193879	bolt m8x22 tb6lt		
004	C00002591				bearing 20x47x14		80272320030
004	C00044765				bearing	n1040300 n1040371	
005	C00082696				standard bearing oil seal	n1040300 n1040371	
005	C00096186				standard oil seal	n1040300 n1040326	80272320030
006	C00080651			1 x C00032847 1 x C00114387 1 x C00114390 1 x C00145190	rear support		
009	C00014342				bolt m8x75 te		
009	C00088408				bolt + washer		
010	C00087811				upper counterweight 8.2 kg		
011	C00080761			1 x C00064517	tank cradle channel-top dx wd		
012	C00064515				anchorage pad - suspension		
013	C00080652				bolt m8x36 tefl. zig. p/p		
014	C00080650				front support		
015	C00080653				spacer		
016	C00074182			1 x C00064502	spring ring		
016	C00080660				suspension spring - tank		
017	C00086430				detergent recovery hose attached		
018	C00080762				door seal	n1040291	
018	C00094091				door seal	n1040291	80272320030
019	C00064546				clamping ring - door seal front		
020	C00064547				bellows clamp (tank front)	n1040291	
020	C00092155				door seal- rear retainer		80272320030
021	C00064516			1 x C00092178	front counterweight	n1040291	
021	C00092178				front counterweight		80272320030
022	C00064531				hose tank to filter	n1040282	80272320000
023	C00064518			1 x C00093848	cradle outer- set	n1040286	

1180230 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
023	C00093848				cradle outer- set	n1040325	80272320030
024	C00030443			1 x C00047136	nut romob m8		80272320030
				1 x C00144571			
024	C00030680			1 x C00040130	nut m 10	n1040286	
025	C00065152				nut romob m6x22x1,5		
026	C00086372				shock absorber 120 n (11105)	n1040286	
026	C00303583				kit shock absorber 120 n 8,15 mm		80272320030
027	C00064789			1 x C00268109	lifter - extractable		
029	C00080661			1 x C00094097	outer- set 46 l.##	n1040282	
				1 x C00094280		n1040291	
						n1040300	
029	C00092263			1 x C00094097	outer- set 46 l. cv5-b5 ld	n1040291	
				1 x C00094280		n1040300	
						n1040371	
029	C00094281			1 x C00094275	outer- set 46 l. evo ii	n1040300	
				1 x C00094280		n1040371	
030	C00030446				bolt m10 x 45 zntr	n1040286	
030	C00093750				bolt zink m8x40		80272320030
031	C00080654				hose dispenser to tank	n1040282	80272320000
032	C00064517				tank cradle channel-top left right		
033	C00074213				bearing spider assembly	n1040300	
						n1040371	
033	C00096077				bearing spider assembly	n1040300	80272320030
034	C00074211				drum pulley d=210 mm h=20 mm		
035	C00074218				belt (1046-1051mm h8)		
036	C00092411			1 x C00094908	hose clamp		
037	C00091148			1 x C00094908	clamp d=79 mm		80272320030
037	C00092174				hose tank to filter with oko ball		
037	C00094312				hose tank to filter oko ws - abs		80272320030
040	C00092273				hose dispenser to tank	n1040289	80272320030
099	C00001109				loctite 270 10 gr.		
099	C00033026			1 x C00292523	ambljgon grease ta 100 gr.		

1180410 Exploded views



1180410 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00087921				screw amsp m3.5x30t.e.(s/n		
002	C00080775			1 x C00199364	thermal cut-out cable		
003	C00080767				temperature sensor (hl)		
004	C00080768				o-ring d= 27 x 23,5 x 1,78 wd		
005	C00080765				dryer heating element 1200w) (hl)		
006	C00032847				blower manifold seal		
007	C00033210				hose clamp fastex 350 mm x 7.8		
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			1 x C00143947	lint filter		
				1 x C00143949			
014	C00080774				hose clamp		
015	C00080770			1 x C00143947	steam condenser		
				1 x C00143949			
016	C00080769				hose electrovalve condenser		
017	C00032844			1 x C00255433	seal - condenser / tank		
018	C00038358				bolt m8x16 (dry loc)		
019	C00032972				blower fixing nut		
020	C00080658				blower fan for motor (087920-		
021	C00054790				screw trilob m5 x 16 tcb t.e. st		
022	C00087919				blower manifold kit		
023	C00087920			1 x C00098711	motor dryer 230v 50hz s/n		

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 hardware key and Pliers)

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

Part no.066055 - Serial hardware key for LVB2000 autotest. It has not to be linked to PC. (substituted with 077454);
Part no. 077454 - Serial hardware key for LVB2000-PC White (substituted with 084566);
Part no. 084566 - Serial hardware key for LB2000/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.

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 NA ON OFF;
Code 088394 = PUSH BUTTON SWITCH S.CM NA IDC;
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 (26972) 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 (24901) 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;
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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.

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 both the SAT module and the eeprom are required, because the latter cannot be reused.

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).
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 AUS+inductive filter;
Code 091641 - Power supply cable l=2550mm AG +capacitance filter;

Code 091642 - Power supply cable 1.85mt SHUKO 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.

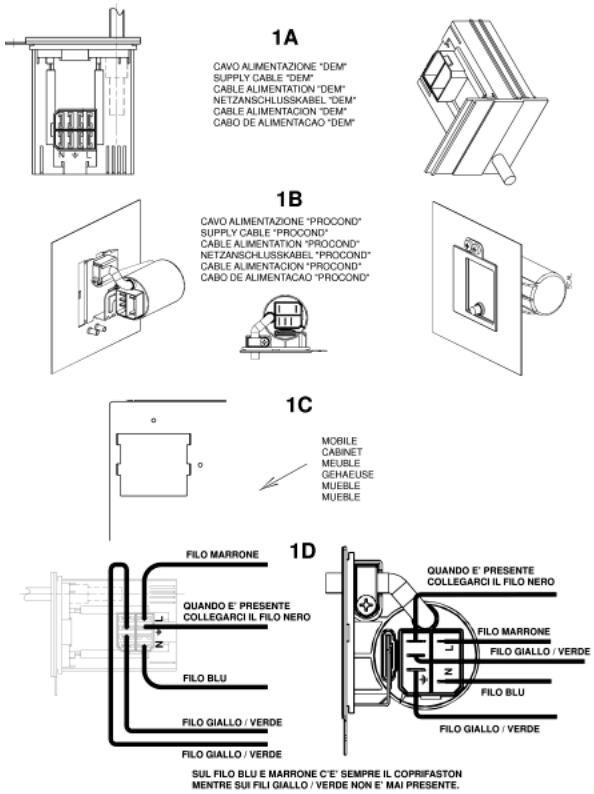
DESCRIZIONE MOBILI	STABILIMENTO	CODICE SAT MOBILE V.T.	CODICE SAT MOBILE N.T.
MOBILE B.27 'AB40-STAB.46'	TEVEROLA	65974	**90584**
MOBILE BIANCO 'W113(UK)'	TEVEROLA	75417	**90583**
MOBILE BIANCO 'LVB2000'	COMUNANZA	64500	**90582**
MOBILE BIANCO 'ALS-ABS LVB2000'	COMUNANZA	74146	**90581**
MOBILE SILVER '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).

FIG. 1



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.)

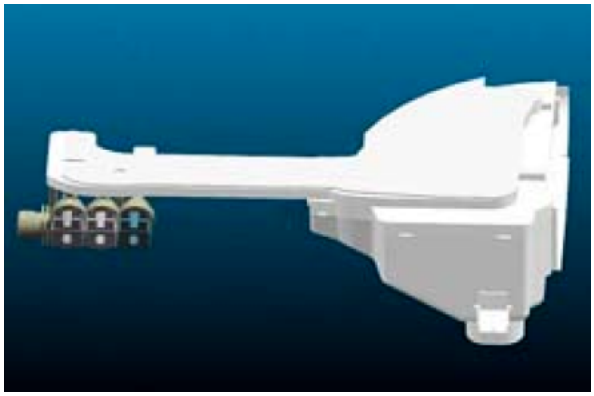




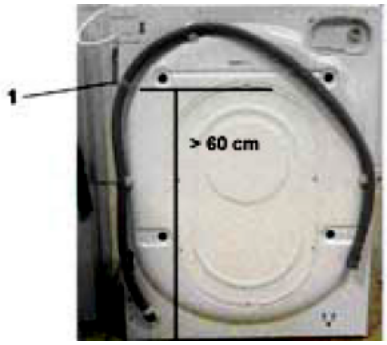












n1040286: Shock absorbers with 8.15 mm fixing hole.

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 Slim range models with induction motor.

From serial number 30212.0001, a shorter OKO pump bowl tube SAT code 094312 is being used on the SLIM 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 SLIM 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;

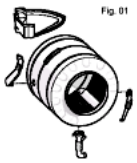
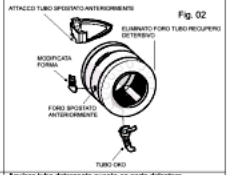
This modification has involved the introduction of the following items:

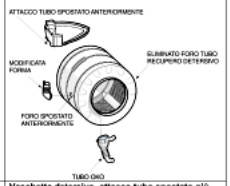
· Tapered porthole seal - rear diameter 30 cm front 28 cm;
Code 093345 - Standard seal;
Code 094091 - Washer-dryer seal;
Code 094093 - Snella seal
· Porthole seal rear fixing ring for 30 cm diameter SAT code 092155;
· Front counterweight (SAT code 092178).

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);

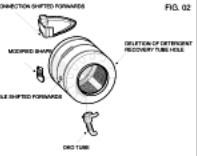
All bowl codes (with related interchangeability), are indicated in fig. 04 TAB. 03 attached to this Note.

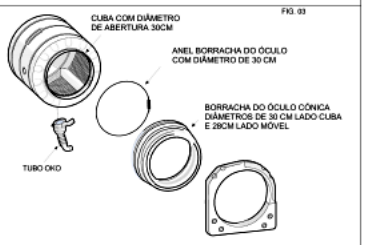
Starting from serial number 30325.0001, for all the versions of Evizzate SNELLA LB2000 washing machines produced in the Comunanza factory the diameter of tapered porthole must seal return 28 cm. Starting from this serial number all the washing machines must be supported with door seal and fixing ring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

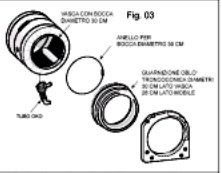
		CUBA LB 2000	CUBA LB 2000 EVOLUCIONADA
EN PRODUCCION		Matricula MENOR (<) 21218.0001	Matricula Entre 21219.0001 y 30312.0001
		Fig. 01 	Fig. 02 
	MODIFICACIONES		Agujero tubo detergente puesto en parte delantera Eliminado tubo recuperación detergente Modificado tubo de cuba a bomba (Sistema OKO) Modificada 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	

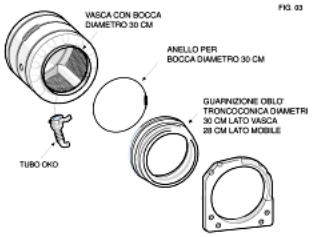
		VASCA LB 2000	VASCA LB 2000 EVIZZATA
IN PRODUZIONE		Matricola Minore (<) 21218.0001	Matricole dal 21219.0001 al 30311.0001
		FIG.01 	FIG. 02 
	MODIFICHE		Vaschetta detersivo, attacco tubo spostato più anteriormente Eliminato tubo recupero detersivo Modificato tubo vasca pompa (Sistema OKO) Modificata forma del tubo carico detersivo Vasca, foro tubo carico detersivo spostato più anteriormente
SERVICIO TECNICO	VASCHE IN OBSOLESCENZA LB2000	TAB.01 – KIT VASCHE LB 2000 E LB2000 EVIZZATE	
	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	

		CUBA LB 2000	CUBA LB 2000 EVIZZATA
EM PRODUÇÃO		Matrículas inferiores (<) 21218.0001	Matrículas de 21219.0001 a 30311.0001
		FIG.01 	FIG. 02 
		MODIFICAÇÕES	Gaveta detergente, buraco do tubo deslocado anteriormente Eliminado tubo de recuperação de detergente Modificado tubo cuba à bomba (Sistema OKO) Modificada forma do tubo de detergente Cuba, buraco do tubo de detergente deslocado anteriormente
SERVIÇO TÉCNICO	CUBAS A ACABAR LB2000	TAB.01 – KIT CUBAS LB 2000 E LB2000 EVIZZATE	
	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	

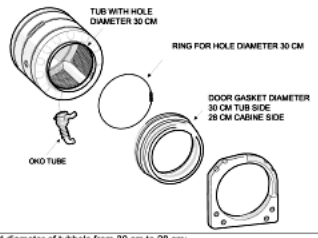
		TUB LB 2000	TUB LB 2000 EVIZZATA
IN PRODUCTION		Serial N.Lower than (<) 21218.0001	Serial N. from 21219.0001 to 30311.0001
		FIG.01 	FIG. 02 
		CHANGES	Detergent drawer, tube connection shifted of Forwards; Elimination of detergent recovery tube hole Change of tub pipe pump (OKO System) ch'ange of shape of detergent loading tub Tub, detergent loading tube hole moved forwards.
TECHNICAL SERVICE	TUBS TO BECOME OBSOLETE LB2000	TAB.01 – KIT TUBS LB 2000 E LB2000 EVIZZATE	
	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	

EM PRODUÇÃO	CUBA EVO II	
	Matrículas inferiores (>) 30312.0001	
	FIG. 03  	
	Modificado diâmetro de abertura da cuba 30 cm em vez de 28 cm Modificada borracha do óculo forma cônica (30 cm lado cuba / 28 cm lado móvel Modificado anel posterior para diâmetro 30 cm.	
SERVIÇO TÉCNICO		**TAB. 02 – KIT CUBAS EVO II**
		KIT 094273
		KIT 094276
		KIT 094279
		KIT 094281
		KIT 094283
		KIT 094286
		KIT 094287
		KIT 094289

EN PRODUCCION	CUBA EVO II	
	Matricula MAYOR (>) 30312.0001	
	Fig. 03  	
	Modificado diâmetro boca de cuba 30 cm en vez de 28 cm Modificada goma escotilla con forma cónica (30 cm en cuba / 28 cm en rueltile Modificado Anillo para diámetro 30 cm.	
SERVICIO TECNICO		**KIT 094273**
		KIT 094276
		KIT 094279
		KIT 094281
		KIT 094283
		KIT 094286
		KIT 094287
		KIT 094289

IN PRODUZIONE	**VASCA EVO II**
	Matricola Maggiore (>) 30312.0001
	FIG. 03 
	Modificato diametro bocca vasca 30 cm invece di 28 cm Modificata guarnizione oblò di forma tronco-conica (30 cm lato vasca / 28 cm lato mobile Modificato anello posteriore per diametro 30 cm.

SERVIZIO TECNICO	**TAB. 02 – KIT VASCHE EVO II**
	KIT 094273
	KIT 094276
	KIT 094279
	KIT 094281
	KIT 094283
	KIT 094286
	KIT 094287
	KIT 094289

IN PRODUCTION	**TUB EVO II**
	Serial N. Bigger than (>) 30312.0001
	FIG. 03 
	Changed diameter of tubhole from 30 cm to 28 cm; Changed door basket, truncated cone-sharped,(30 cm tub side /28 cm cabinet side) ; Changed rear ring for 30 cm diameter.

TECHNICAL SERVICE	**TAB. 02 – KIT TUBS EVO II**
	KIT 094273
	KIT 094276
	KIT 094279
	KIT 094281
	KIT 094283
	KIT 094286
	KIT 094287
	KIT 094289

TAB. 03
COMPOSIZIONE DEI KIT

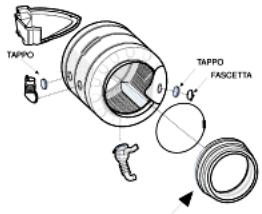
KIT VASCHE LB 2000 E LB 2000 EVIZZATE	
Cod. kit	Composto da:
092414	094272 Vasca SAT EVO II + kit 093772
092421	094277 Vasca SAT EVO II + kit 094097
092257	094278 Vasca SAT EVO II + kit 093772
092263	094280 Vasca SAT EVO II + kit 094097
092415	094282 Vasca SAT EVO II + kit 093772
092452	094285 Vasca SAT EVO II + kit 093772
092545	094288 Vasca SAT EVO II + kit 093772
092311	094290 Vasca SAT EVO II + kit 094098

Cod. kit	Composto da:
093772	093345 - GUARNIZ. OBLO' STANDARD EVIZZ.EVO0; 092155 - ANELLO POST. FISS. GUARNIZIONE; 027924 - TAPPO CARICO DETERSIVO; 091148 - FASCETTA TAPPO TUBO REC. DETERSIO; 091901 - TAPPO FORO TUBO RECUPERO DETERS.
094097	094091 - GUARNIZ.OBLO' WD INC.IND. EVIZZ.EVO0; 092155 - ANELLO POST. FISS. GUARNIZIONE; 027924 - TAPPO CARICO DETERSIVO; 091148 - FASCETTA TAPPO TUBO REC. DETERS. 091901 - TAPPO FORO TUBO RECUPERO DETERS.

KIT VASCHE EVO II	
Cod. kit	Composto da:
094273	094272 Vasca SAT EVO II + kit 094275
094276	094277 Vasca SAT EVO II + kit 094275
094279	094278 Vasca SAT EVO II + kit 094275
094281	094280 Vasca SAT EVO II + kit 094275
094283	094282 Vasca SAT EVO II + kit 094275
094286	094285 Vasca SAT EVO II + kit 094275
094287	094288 Vasca SAT EVO II + kit 094275
094289	094290 Vasca SAT EVO II + kit 094275

Cod. kit	Composto da:
094275	027924 - TAPPO CARICO DETERSIVO; 091148 - FASCETTA TAPPO FORO REC. DETERSIVO; 091901 - TAPPO FORO TUBO RECUPERO DETERS.
094098	094093 - GUARNIZ. OBLO' SNELLA EVIZZ.-EVO0; 092155 - ANELLO POST. FISS. GUARNIZIONE; 027924 - TAPPO CARICO DETERSIVO; 091148 - FASCETTA TAPPO REC. DETERS; 091901 - TAPPO FORO RECUPERO DETERS.

FIG. 04
VASCHE SAT



IMPIEGANDO LA VASCA SAT SU MODELLI LB 2000 E LB 2000 EVIZZATE OCCORRE OBBLIGATORIAMENTE APPLICARE PRIMA LA GUARNIZIONE OBLO' E SUCCESSIVAMENTE IL CONTRAPPESO ANTERIORE.

TAB. 03
COMPOSIÇÃO DOS KIT

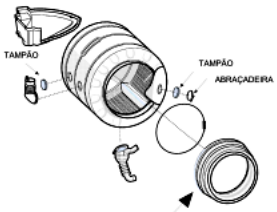
KIT CUBAS LB 2000 E LB 2000 EVIZZATE	
Cod. kit	Composto por:
092414	094272 Cuba SAT EVO II + kit 093772
092421	094277 Cuba SAT EVO II + kit 094097
092257	094278 Cuba SAT EVO II + kit 093772
092263	094280 Cuba SAT EVO II + kit 094097
092415	094282 Cuba SAT EVO II + kit 093772
092452	094285 Cuba SAT EVO II + kit 093772
092545	094288 Cuba SAT EVO II + kit 093772
092311	094290 Cuba SAT EVO II + kit 094098

Cod. kit	Composto por:
093772	093345 - BORRACHA DO OCULO LB STANDARD; 092155 - ANEL DE TENSAO POSTERIOR; 027924 - TAPON CUBA; 091148 - ABRAZADERA D=79 MM; 091901 - TAPON CUBA X TUBO DE RECUP.DETER.
094097	094091 - BORRACHA DO OCULO WD. EVIZZ.EVO0; 092155 - ANEL DE TENSAO POSTERIOR; 027924 - TAPON CUBA; 091148 - ABRAZADEIRA D=79 MM; 091901 - TAPON CUBA X TUBO DE RECUPERACAO DETER.

KIT CUBAS EVO II	
Cod. kit	Composto por:
094273	094272 Cuba SAT EVO II + kit 094275
094276	094277 Cuba SAT EVO II + kit 094275
094279	094278 Cuba SAT EVO II + kit 094275
094281	094280 Cuba SAT EVO II + kit 094275
094283	094282 Cuba SAT EVO II + kit 094275
094286	094285 Cuba SAT EVO II + kit 094275
094287	094288 Cuba SAT EVO II + kit 094275
094289	094290 Cuba SAT EVO II + kit 094275

Cod. kit	Composto por:
094275	027924 - TAPON CUBA; 091148 - ABRAZADERA D=79 MM; 091901 - TAPON CUBA X TUBO DE RECUPERACAO DETER
094098	094093 - BORRACHA DO OCULO LB ALS-EVIZZI EVO0; 092155 - ANEL DE TENSAO POSTERIOR; 027924 - TAPON CUBA; 091148 - ABRAZADEIRA D=79 MM; 091901 - TAPON CUBA X TUBO DE RECUP.DETER.

FIG. 04
CUBAS SAT



QUANDO SE UTILIZA A CUBA SAT NOS MODELOS LB2000 E LB 2000 EVIZZATE, TER ATENÇÃO QUE EM PRIMEIRO LUGAR SE DEVE COLOCAR A BORRACHA DO ÓCULO E DE SEGUIDA O CONTRAPESO ANTERIOR.

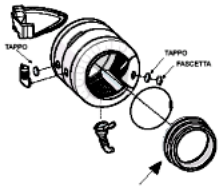
TAB. 01

COMPOSICION DE LOS KIT			
Cód. kit	Compuesto por:	Cód. kit	Compuesto por:
092414	094272 Cuba EVO II + kit 093772	094273	094272 Cuba EVO II + kit 094275
092421	094277 Cuba EVO II + kit 094097	094276	094277 Cuba EVO II + kit 094275
092257	094278 Cuba EVO II + kit 093772	094279	094278 Cuba EVO II + kit 094275
092263	094280 Cuba EVO II + kit 094097	094281	094280 Cuba EVO II + kit 094275
092415	094282 Cuba EVO II + kit 093772	094283	094282 Cuba EVO II + kit 094275
092452	094285 Cuba EVO II + kit 093772	094286	094285 Cuba EVO II + kit 094275
092545	094288 Cuba EVO II + kit 093772	094287	094288 Cuba EVO II + kit 094275
092311	094290 Cuba EVO II + kit 094098	094289	094290 Cuba EVO II + kit 094275

Cód. kit	Compuesto por:
093772	093345 - GUARNIZ. OBLO' STANDARD EVIZZ-EVOII 092155 - ANELLO POST. FISS. GUARNIZIONE 027924 - TAPPO CARICO DETERSIVO 091148 - FASCETTA TAPPO TUBO REC. DETERSIVO 091901 - TAPPO FORO TUBO RECUPERO DETERSIVO.
094097	094091 - GUARNIZ. OBLO' WD - INC. IND. EVIZZ.-EVO II 092155 - ANELLO POST. FISS. GUARNIZIONE 027924 - TAPPO CARICO DETERSIVO 091148 - FASCETTA TAPPO TUBO REC. DETERSIVO 091901 - TAPPO FORO TUBO RECUPERO DETERSIVO.
094098	094093 - GUARNIZ. OBLO' SNELLA EVIZZ.-EVOII 092155 - ANELLO POST. FISS. GUARNIZIONE 027924 - TAPPO CARICO DETERSIVO 091148 - FASCETTA TAPPO TUBO REC. DETERSIVO 091901 - TAPPO FORO TUBO RECUPERO DETERSIVO.

Cód. kit	Compuesto por:
094275	027924 - TAPPO CARICO DETERSIVO 091148 - FASCETTA TAPPO TUBO REC. DETERSIVO 091901 - TAPPO FORO TUBO RECUPERO DETERSIVO.

FIG. 04
VASCHE SAT



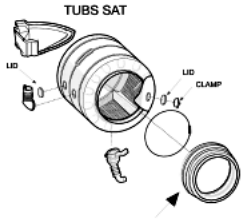
IMPIEGANDO LA VASCA SAT SU MODELLI LB 2000 E LB 2000 EVIZZATE OCCORRE OBBLIGATORIAMENTE APPLICARE PRIMA LA GUARNIZIONE OBLO' E SUCCESSIVAMENTE IL CONTRAPPESO ANTERIORE.

TAB. 03
KIT COMPOSITION

KIT TUBS LB 2000 AND LB 2000 EVIZZATE	
Kit Cod.	Made of:
092414	094272 Tub SAT EVO II + kit 093772
092421	094277 Tub SAT EVO II + kit 094097
092257	094278 Tub SAT EVO II + kit 093772
092263	094280 Tub SAT EVO II + kit 094097
092415	094282 Tub SAT EVO II + kit 093772
092452	094285 Tub SAT EVO II + kit 093772
092545	094288 Tub SAT EVO II + kit 093772
092311	094290 Tub SAT EVO II + kit 094098
Kit Cod.	Made of:
093772	093345 - DOOR BELLOWS SEAL STD EVIZZ.EVOII; 092155 - BELLOWS CLAMP (TANK FRONT); 027924 - BLANKING PLUG; 091148 - CLAMP D=79 MM; 091901 - BLANKING PLUG DET. RECOVERY-HOSE.
094097	094091 - DOOR BELLOWS SEAL WDEVIZZ.EVOII; 092155 - BELLOWS CLAMP (TANK FRONT); 027924 - BLANKING PLUG; 091148 - CLAMP D=79 MM; 091901 - BLANKING PLUG DET. RECOVERY-HOSE.

KIT TUBS EVO II	
Kit Cod.	Made of:
094273	094272 Tub SAT EVO II + kit 094275
094276	094277 Tub SAT EVO II + kit 094275
094279	094278 Tub SAT EVO II + kit 094275
094281	094280 Tub SAT EVO II + kit 094275
094283	094282 Tub SAT EVO II + kit 094275
094286	094285 Tub SAT EVO II + kit 094275
094287	094288 Tub SAT EVO II + kit 094275
094289	094290 Tub SAT EVO II + kit 094275
Kit Cod.	Made of:
094275	027924 - BLANKING PLUG; 091148 - CLAMP D=79 MM; 091901 - BLANKING PLUG DET. RECOVERY-HOSE.
094098	094093 - DOOR BELLOWS SEAL LB ALS - WS.-EVOII; 092155 - BELLOWS CLAMP (TANK FRONT); 027924 - BLANKING PLUG; 091148 - CLAMP D=79 MM; 091901 - BLANKING PLUG DET. RECOVERY-HOSE.

FIG. 04
TUBS SAT



WHILE USING SAT TUB INTO MODEL LB2000 AND LB2000 EVIZZAE, THE DOOR GASCKET MUST BE APPLIED AND LATER ON THE FRONT NOTERWIGHT.

n1040296: List of EVOII FAULTS and troubleshooting.

In case of washing-machine fault in carrying out the self-test function, the machine reproposes the fault previously signalled and the same fault is shown on the display of the new hardware key.
The type of fault can be signalled in different ways:
- on AVD models the fault is shown directly on the machine display.
- on AVL models the fault is signalled by LEDs.

Reading of Faults signalled by LEDs
When the machine has a fault:
1. The window is locked
2. The door lock light flashes fast (> 1 Hz)
3. The control panel LEDs light up, to signal the fault, according to the table (fig. 01).
The example shown in fig. 02 (Example Fault F03) below indicates which LEDs are flashing if the machine has Fault F03

List of faults, malfunctions and Warnings:

F01: Triac Motor short circuit
- Check for water leaks that may affect connector J9 causing the relevant contacts to short
- Check the motor terminal block (possible problems due to chemical effects of work residuals on the contacts which may cause short-circuiting)
- Replace Card

F02: Motor blocked, Tachometrics in Short Circuit/Open
- Check motor if blocked
- Check efficiency of J9 connector on card
- Check the tachometric winding verifying an ohmic resistance reading of 115 - 170 ohm between pins
1 and 2 on wiring connector J9. In case of short circuit/open circuit check the wiring between pins 1 and 2 of J9 relevant to the tachometrics. With three-phase motor, make sure there is ohmic continuity between J9 pins 6 and 7.
- Replace motor
- Replace card

F03: NTC Open or in Short Circuit or washing heater relay stuck (signalled in presence of full load)
- Check efficiency of J8 connector contacts on card
- Check NTC verifying that the ohmic resistance value at room temperature 20°C is approx. 20Kohm on J8 wiring connector pin 11 and 12.
- If the measurement is incorrect check J8/NTC wiring continuity
Check the same parameter directly on NTC
- Replace NTC
- Replace Card

F04: Simultaneous empty and overflow (pressure switch stuck on empty).
If the pressure switch contact is stuck on empty the washing-machine loads water until reaching the overflow. The drain pump is automatically started by the contact on the overflow pressure switch.
- Check efficiency of J3 connector contacts on card
- Check pressure switch status by checking ohmic continuity on wiring connector J3 pins 2 and 4 (it must only be present with tub empty), pins 2 and 3 (it must only be present with water in the drum) and pins 2 and 1 (it must only be present with water in the tub above normal level, more than halfway up door glass).
- Check wiring of connector J3/pressure switch
- Replace pressure switch
- Replace card.

F05: Pump Blocked or pressure switch empty not reached
- Check efficiency of J9 connector on card, verifying a voltage of 220V between pins 8 and 9
- Check that pump if being fed
- Check Pump Filter + wall drain
- Change Pump
- Replace Card

F06: No on AVD and AVL

F07: No Wash Heating Element Absorption (the fault is only signalled with the pressure switch on empty)
- Check efficiency of J3 connector contacts on card
- Check continuity of the wash heating element on J3 connector pins 5 and 6. The 1800W 230V heating element has a resistance

of 25 ohm.
- Check connection of pressure switch J3 connector pins 2 and 3: there must not be ohmic continuity (shared with full load).
Check connection of pressure switch J3 connector pins 2 and 4: there must be ohmic continuity
- Replace Heating Element
- Replace Pressure Switch
- Replace Card

F08: Wash Heater Relay Stuck (signalled in presence of empty) or pressure switch stuck on Full (simultaneously empty and full)
- Check efficiency of J3 connector contacts on card
- Check pressure switch status by checking ohmic continuity on wiring connector J3 pins 2 and 4 (it must only be present with tub empty), pins 2 and 3 (it must only be present with water in the drum) and
pins 2 and 1 (it must only be present with water in the tub above normal level, more than halfway up door glass).
- Check wiring J3/pressure switch
- Check connection of heating element J3 connector pins 5 and 6.
- Replace pressure switch
- Replace Card

F09: Machine Setup Error (Eeprom error)
- In case of production card with Eeprom soldered: replace the card and Eeprom
- In case of replacement of Eeprom and card, check correct housing of Eeprom on card socket

F10: No full and empty signal
- Check efficiency of J3 connector contacts on card
- Check pressure switch status by checking ohmic continuity on wiring connector J3 pins 2 and 4 (it must only be present with tub empty), pins 2 and 3 (it must only be present with water in the drum) and
pins 2 and 1 (it must only be present with water in the tub above normal level, more than halfway up door glass).
- Check wiring of connector J3/Pressure switch
- Replace Pressure Switch
- Replace Card

F11: No Pump Feedback (Drain pump disconnected or winding broken)
- Check efficiency of J9 connector on card
- Check continuity of the Pump on J15 connector pins 1 and 2 (in case of washing-machine with Easy Door door lock) or on J9 connector pins 8 and 9 (in case of conventional door lock), checking a resistive value equal to 170 ohm.
- Check wiring of connector J15 (or J9)/Pump
- Replace Pump
- Replace Card

F12: No Communication Display/LED Card-Main Board
- Check efficiency of contacts on card of J11 connector
- Check the continuity of J11 connector-display card 5-pin connector
- Replace Main Board
- Replace Display Card/LED

F13: Drying NTC sensor open / Drying system NTC wiring disconnected
Check efficiency of J10 connector on card
Check NTC on J10 connector pins 7 and 8 verifying that the ohmic value of the sensor at room temperature 20°C is approx. 20Kohm
Check continuity of NTC/J10 connectors wiring
Replace NTC
Replace card

F14: Drying heater open or not connected
Check efficiency of J2 connector contacts on card
Check continuity of drying heater on J2 wiring connector pins 1 and 2, verifying that the ohmic value of the 1300W 230V heating element is approx. 40Kohm
Check wiring of connector J10/drying heater

Replace heating element
Replace card

F15: Drying heater always on (drying relay contact stuck or drying Triac short circuit)
Check efficiency of J2 connector contacts on card of
Check wiring of connector J2/drying heater
Check wiring of connector J3/pressure switch
Replace card

F16: Drum locking (top-loading only)

F17: Door lock unfed/open (with Easy Door)
- Check presence of 230V mains power on J4 wiring connector inserted on card between pins 3 and 4,
(not present with machine on standby) and presence of power from 230V door lock between pins 3 and 5
- Check ohmic continuity of the door microswitch on J4 connector inserted on card between pins 1 and 2 (with door closed/on open/off)
- Check continuity of J4/door lock wiring
- Check door hooking
- Replace door lock
- Replace card

F17: Door lock unfed/open (conventional door lock, not Easy Door)
- Check presence of 230V mains power on J4 wiring connector inserted on card between pins 2 and 3,
(not present with machine on standby) and presence of power from 230V door lock between pins 3 and 1
- Check door hooking
- Replace door lock
- Replace card

F18 --> Communication error microprocessor / DSP (Digital Signal Processor)
- Replace card

COMBINAZIONE LED

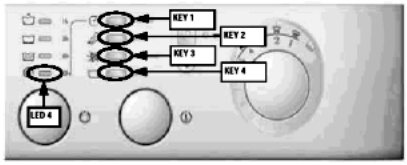
SIMBOLOGIA:
= LED ACCESO = LED SPENTO

FAULT	LED Fasi	TASTI FUNZIONI			
F01	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F02	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F03	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F04	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F05	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F06	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F07	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F08	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F09	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F10	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F11	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F12	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F13	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F14	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F15	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F16	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F17	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F18	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4



ARISTON INDESIT

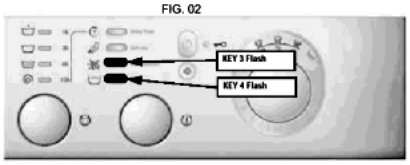
FIG. 01



Fault	Key 1	Key 2	Key 3	Key 4	Led 4
01	Off	Off	Off	Flash	Off
02	Off	Off	Flash	Off	Off
03	Off	Off	Flash	Flash	Off
04	Off	Flash	Off	Off	Off
05	Off	Flash	Off	Flash	Off
06	Off	Flash	Flash	Off	Off
07	Off	Flash	Flash	Flash	Off
08	Flash	Off	Off	Off	Off
09	Flash	Off	Off	Flash	Off
10	Flash	Off	Flash	Off	Off
11	Flash	Off	Flash	Flash	Off
12	Flash	Flash	Off	Off	Off
13	Flash	Flash	Off	Flash	Off
14	Flash	Flash	Flash	Off	Off
15	Flash	Flash	Flash	Flash	Off
16	Off	Off	Off	Off	Flash
17	Off	Off	Off	Flash	Flash

Table Fault LED

FIG. 02



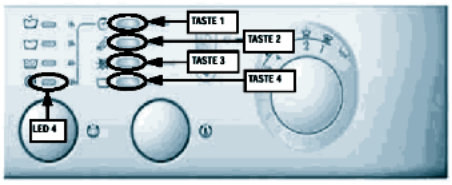
Example Fault F03

Tabla de averías para lavadora EVO II



FAULT	CAUSA	COMBINACIÓN LED					– LED
		LED Fase	TECLAS FUNCIONES				SIMBOLOGIA:
F01	Triac control motor en corto	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	= led parpadeando
F02	Motor bloqueado, tacómetro motor abierto / en corto	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	= led apagado
F03	Sonda NTC lavado abierta / en corto	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F04	Vacío + sobrenivel presentes simultaneamente	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F05	No se logra vacío presostato bomba desagüe bloqueada	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F06	Error de selector (no encuentra código)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F07	Falta absorción en la resistencia de lavado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F08	Relé resistencia de lavado con el contacto NA/NC pegado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F09	Error setup file (EEPROM no programada o corrocta)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F10	Presostato en Rotor=Vacio o sin señal de vacio ni llena	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F11	Falta alimentación a la bomba de desagüe	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F12	Falta comunicación entre módulo display y modulo de control	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F13	Sonda NTC secado abierta/corto. Ventilador secado bloqueado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F14	Falta alimentación a la resistencia de secado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F15	Contacto relé resistencia de secado pegado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F16	Bloqueo de cesto (sobe carga superior)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F17	Bloqueo puerto desalineado/ abierto	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	
F18	Error de comunicación Micro/DSP (MODULO)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4	

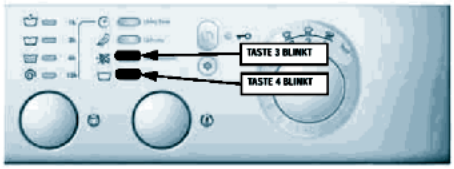
ABB. 01



Fault	Taste 1	Taste 2	Taste 3	Taste 4	Led 4
01	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Blinkt	Ausgeschaltet
02	Ausgeschaltet	Ausgeschaltet	Blinkt	Ausgeschaltet	Ausgeschaltet
03	Ausgeschaltet	Ausgeschaltet	Blinkt	Blinkt	Ausgeschaltet
04	Ausgeschaltet	Blinkt	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet
05	Ausgeschaltet	Blinkt	Ausgeschaltet	Blinkt	Ausgeschaltet
06	Ausgeschaltet	Blinkt	Blinkt	Ausgeschaltet	Ausgeschaltet
07	Ausgeschaltet	Blinkt	Blinkt	Blinkt	Ausgeschaltet
08	Blinkt	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet
09	Blinkt	Ausgeschaltet	Ausgeschaltet	Blinkt	Ausgeschaltet
10	Blinkt	Ausgeschaltet	Blinkt	Ausgeschaltet	Ausgeschaltet
11	Blinkt	Ausgeschaltet	Blinkt	Blinkt	Ausgeschaltet
12	Blinkt	Blinkt	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet
13	Blinkt	Blinkt	Ausgeschaltet	Blinkt	Ausgeschaltet
14	Blinkt	Blinkt	Blinkt	Ausgeschaltet	Ausgeschaltet
15	Blinkt	Blinkt	Blinkt	Blinkt	Ausgeschaltet
16	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Blinkt
17	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Blinkt	Blinkt

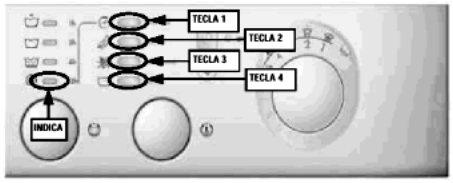
Tab. Störung Led

ABB. 02



Beispiel Störung F03

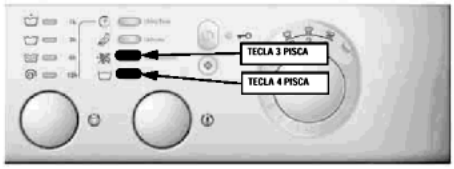
FIG. 01



Fault	Tecla 1	Tecla 2	Tecla 3	Tecla 4	Indicador luminoso 4
01	Apagado	Apagado	Apagado	Pisca	Apagado
02	Apagado	Apagado	Pisca	Apagado	Apagado
03	Apagado	Apagado	Pisca	Pisca	Apagado
04	Apagado	Pisca	Apagado	Apagado	Apagado
05	Apagado	Pisca	Apagado	Pisca	Apagado
06	Apagado	Pisca	Pisca	Apagado	Apagado
07	Apagado	Pisca	Pisca	Pisca	Apagado
08	Pisca	Apagado	Apagado	Apagado	Apagado
09	Pisca	Apagado	Apagado	Pisca	Apagado
10	Pisca	Apagado	Pisca	Apagado	Apagado
11	Pisca	Apagado	Pisca	Pisca	Apagado
12	Pisca	Pisca	Apagado	Apagado	Apagado
13	Pisca	Pisca	Apagado	Pisca	Apagado
14	Pisca	Pisca	Pisca	Apagado	Apagado
15	Pisca	Pisca	Pisca	Pisca	Apagado
16	Apagado	Apagado	Apagado	Apagado	Pisca
17	Apagado	Apagado	Apagado	Pisca	Pisca

Tab. Fault indicador luminoso

FIG. 02



Exemplo Fault F03

n1040300: Short heating element for 46 l.

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).



Cruscotto - Tableau de borde - Belde - Control panel
Painel frontal - Quadro Mandos - Kontrol paneli

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.

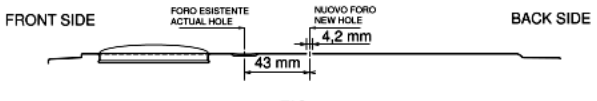


FIG. 01

n1040325: New shock absorber fixing system with pin

From serial no. 40427.0001, shock absorbers have been fixed to the tank unit cradle with two 11 mm pins code C00110163 (see fig. 01 and 02 enclosed) in place of the 8 mm screws code 093750 and relevant locking nuts code 030443, on all washing machines and dryers produced in the Comunanza factory.
The items affected by this modification are:
1) The cradles have the same Service code, as they can be used in place of the new ones after widening the shock absorber fixing holes to a diameter of 10 mm.
Code 093848 - Tank unit cradle 46 lt
Code 093878 - Tank unit cradle 40 lt.
2) The new shock absorbers, with fixing bushing having no s/steel spacer, are not managed as they are interchangeable with the premodified items (make sure they are CIMA type, as the managed items), fixed with M8 screws code 093750 and related locking nut code 030443 (see figs. 05 and 06).
Code 093884 - Shock absorber 80 N
Code 093885 - Shock absorber 100 N

To remove the shock absorber from the tank, first extract the pin with a few hammer taps (see fig.03) until it is aligned with the tank bracket and then pull it out with a pair of pliers (see fig. 04).
(To refit the shock absorber use a new pin. Insert the pin until the toroidal edge is aligned with the bracket.)











n1040349: Introduction of 150° Zamac hinge on Ariston 46 models.

From serial no. 50207.0001, all Ariston models produced in the Teverola factory (see table 001 attached) with industrial code (given on the rating plate) starting with 46, have been equipped with a Zamac hinge with 150° opening angle, code C00115666



(see Fig.001).
This modification has involved the introduction of the following items:

Code C00115670 - Complete door EVOII 150° white 27 with standard glass;
Code C00115674 - Complete door EVOII 150° white 27 with long glass;
Code C00115667 - EVOII body for 150° hinge white 27;

The premodified items are not interchangeable separately with the modified ones.

Code C00110133 - Complete door EVOII Standard 180° white 27 standard glass;
Code C00092157 - Complete door EVOII 180° white 27 long glass;
Code C00096193 - EVOII body for 150° hinge white 27;

The hinge code C00064541 continues to be used on the build-under models produced in the Comunanza factory.

		CABINET		DOOR				HINGE	
		180°	150°	180°	150°	180°	150°	180°	150°
Model	Code	C00096193	C00115667	C00092157	C00115670	C00110133	C00115674	C00064541	C00115666
AV 82 (TK)	28479	X	X	X	X			X	X
AVL 85 (TK)	28480	X	X	X	X			X	X
AV 102 (TK)	28481	X	X	X	X			X	X
AVL 105 (TK)	28482	X	X	X	X			X	X
AVD 10 (TK)	28485	X	X	X	X			X	X
AVL 125 (EU)	29774	X	X	X	X			X	X
AVL 62 (EX)	29775	X	X	X	X			X	X
AV 61 (EU)	29890	X	X			X	X	X	X
AVL 6 E (IT)	30055	X	X	X	X			X	X
AVL 62 (EX)60HZ 40-F	30062	X	X	X	X			X	X
AVL 61 (EX)115-60	30063	X	X			X	X	X	X
AV 51 (EX) 50-60	30064	X	X			X	X	X	X
AV 41 (EX) 50-60	30065	X	X			X	X	X	X
AV 41 (AG) 50-60	30066	X	X			X	X	X	X
AV 51 (AG) 50-60	30067	X	X			X	X	X	X
AVL 86 P (IT)	30093	X	X	X	X			X	X
AVL 105 (SK)	30206	X	X	X	X			X	X
AVL 100 P (R)	30357	X	X	X	X			X	X
AVL 95 (AUS)	30361	X	X	X	X			X	X
AV 51 (EO)	30498	X	X			X	X	X	X
AVL 65 (PT)	30612	X	X	X	X			X	X
AV 102 (CSI)	31970	X	X	X	X			X	X
AV 40 (AG) 50-60	32303	X	X			X	X	X	X
AVL 145 (DE) (TE)	33180	X	X	X	X			X	X
AV 42 (EX) 50-60	33217	X	X			X	X	X	X
AV 52 (EX) 50-60	33218	X	X			X	X	X	X
AVL 62 (EO)	33244	X	X	X	X			X	X
AVL 145 (EU) (TE)	33612	X	X	X	X			X	X
AVL 62 (KW)	33685	X	X	X	X			X	X
AV 62 (EU)	33968	X	X	X	X			X	X
AVF 10 (TK)	33979	X	X	X	X			X	X
AVF 8 (TK)	34214	X	X	X	X			X	X
AVF 149 (EU)	34217	X	X	X	X			X	X
AVL 135 (FR) (TE)	34239	X	X	X	X			X	X
AVL 140 (FR) (TE)	34240	X	X	X	X			X	X
AVL 14 (FR)	34479	X	X	X	X			X	X
AV 8 (IT)	35974	X	X	X	X			X	X
AV 10 (IT)	35975	X	X	X	X			X	X

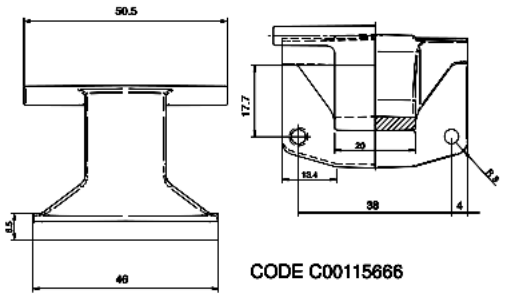


Fig . 001

n1040359: Polar White Factory 80 (Comunanza)

From serial no. 50315.0001, the new "Polar White" colour is used on all washing machines and washer-dryers produced in factory 80 in place of White 27.

The third last number of the Industrial Code given on the rating plate of the modified models is 9 (e.g. 80286390900).
To determine the new Polar White codes, it is necessary to know the industrial code or serial number of the appliance being repaired.
The new items, which bear the initials "PW" in place of "B27", are not aesthetically interchangeable with premodification items as the whites are different. Both colours will be available for some time.
The items affected by this modification are:
Body, rear panel, top, control panel, handles, buttons, knobs, knob disc, door and plinth.

n1040371: The T4 mechanism type 4.

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 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 092545 OUTER TANK & INNER DRUM ASSY 40 L B5 CV5

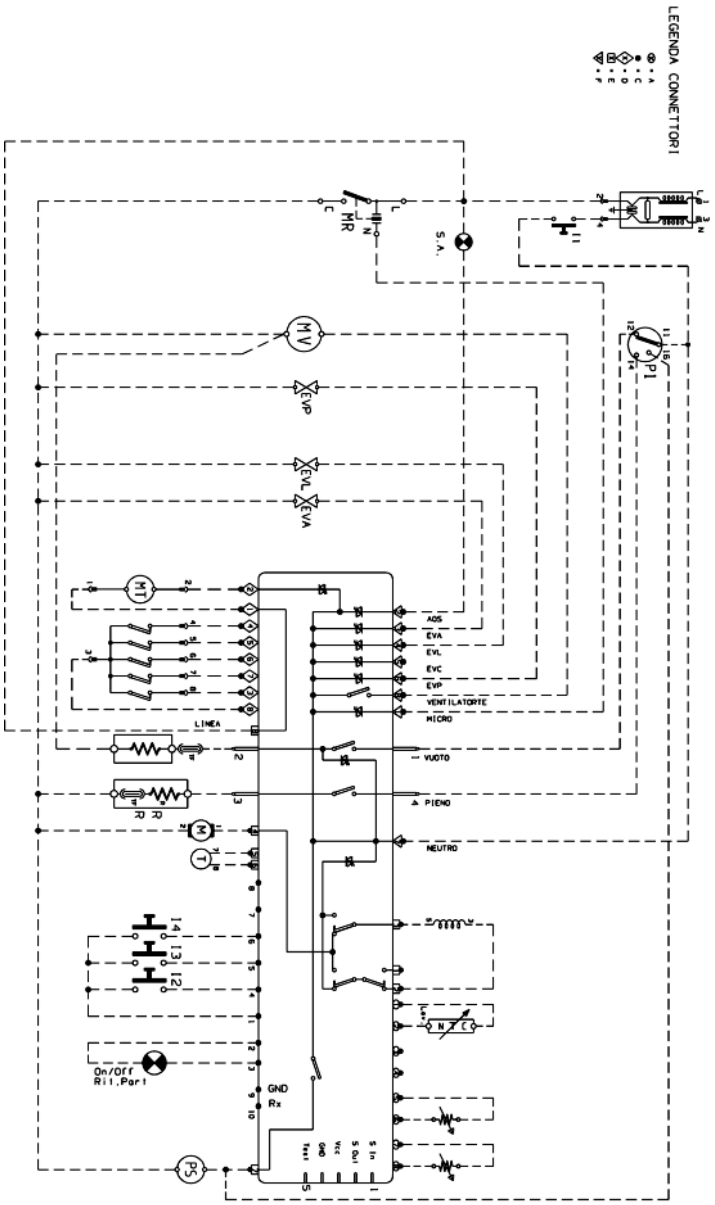
CROSS ELEMENT ASSEMBLY AND SINGLE PARTS MANAGED AS REPLACEMENTS.
SAT code 096077 Cross element assembly with seal rings CV4;
SAT code 096186 Seal ring CV4;
SAT code 013563 Bearing 6205-2Z SKF;
SAT Code 002591 - Bearing 6204-2Z SKF;
On 1200 rpm models, which indicate replacement of the drum with spider in aluminium, with a spider in red ghisa (LVA cod. C00094280 and LVB cod. C00094282), the following pocedure will need to be followed:
1) Remove the upper counter-weight;
2) Position the balancing springs inside the support holes found further back than the previous position on the cabinet (see fig.001);
3) Affix the shock absorbers on the support holes positioned on the back part of the cabinet (see fig.002).





Electric schemes and links

Cod. 16001350500



16001350501

Legend

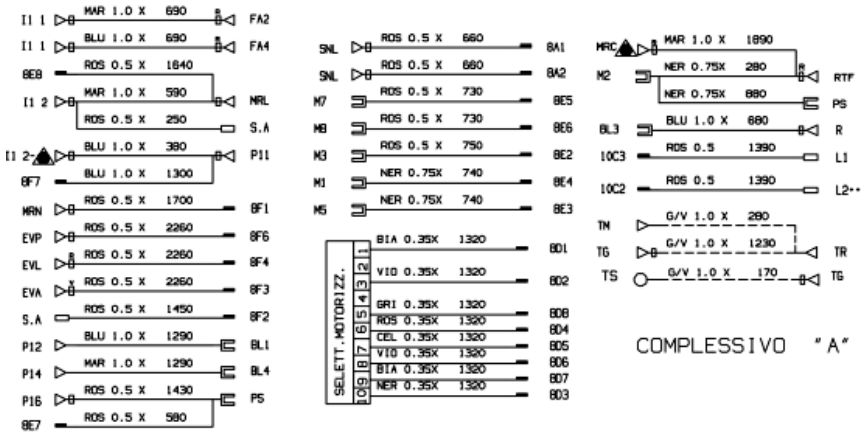
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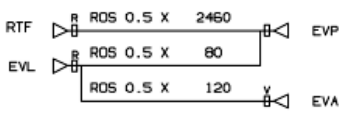
AQS	Aquastop electrovalve	Mzbn/MTA	zbn timer motor
B	Buzzer	N	Neutral or Terminal Board
BC	Blocco Cesto	NC	Spin cycle exclusion
BF	Terminal board contact, motor fan and dryer	P	Pressure switch
BP	Buzzer	P1	1st level pressure cut-off switch
C	Condensator	P2	2nd level pressure cut-off switch
CA	Condensator	PA	High speed potentiometer
DV	Switching device	PB	Low speed potentiometer
EF/CL	Electro-Valve Cold Water / Bleach	PL	Pure Wool
EF/L	Electro-Valve Cold Water / Wash	PM	Motor Thermoprotector
EF/P	Electro-Valve Cold Water / Prewash	PR	Timer programmer or Pressure switch
ER	Exclude Heating Element	PS	Drain pump
ET	Thermostat disactivation	R	Heating element
EV	Electrovalve	RE	Relay
EVA	Dryer electrovalve	RR	Heating element
EVC	Hot water electrovalve	RV	Speed regulator
EVF	Elettrovalvola acqua fredda	Ras/RA	Dryer heating element
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
I1..2..3..	Switches/switching devices	TA	Drying timer contacts
IA	Switch On/Off	TB	Low Temperature Thermostat
IC	Switch N.C. - 1/2 Load	TC	Spider wheel earth
ID	Switch display	TFL	Flange earth
IE	Water Saving Device	TG	Main earth
IF	Switch - Spin Reduction	TH	Thermostat
IP	Door switch	TH1	1st temperature thermostat
IR	Line switch	TH2	2nd temperature thermostat
IS	Water-stop	TH3	3rd temperature thermostat

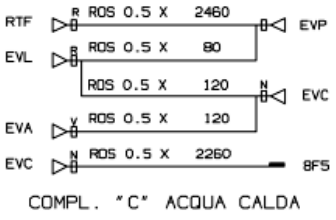
L	Line or Lamp	THF	Operating thermostat
LB	Low Level	THR	Adjustable thermostat
LN	Normal Level	TM	Motor earth
LS	Pilot lamp	TMB	Main cabinet earth
M	Earth-symbol	TMP	Motor thermal protector
MC	Spin cycle motor	TMS	Thermostop
MI	MOTOR WITH PULLEY	TP	Thermal protector
ML	Wash cycle motor	TPS	Drain pump 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

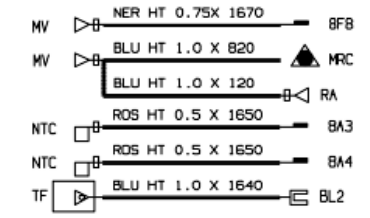
Electric schemes and links

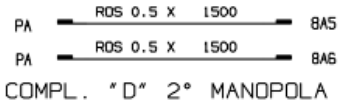
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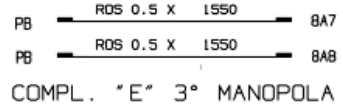


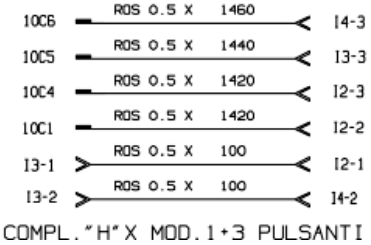












16001497002

Legend

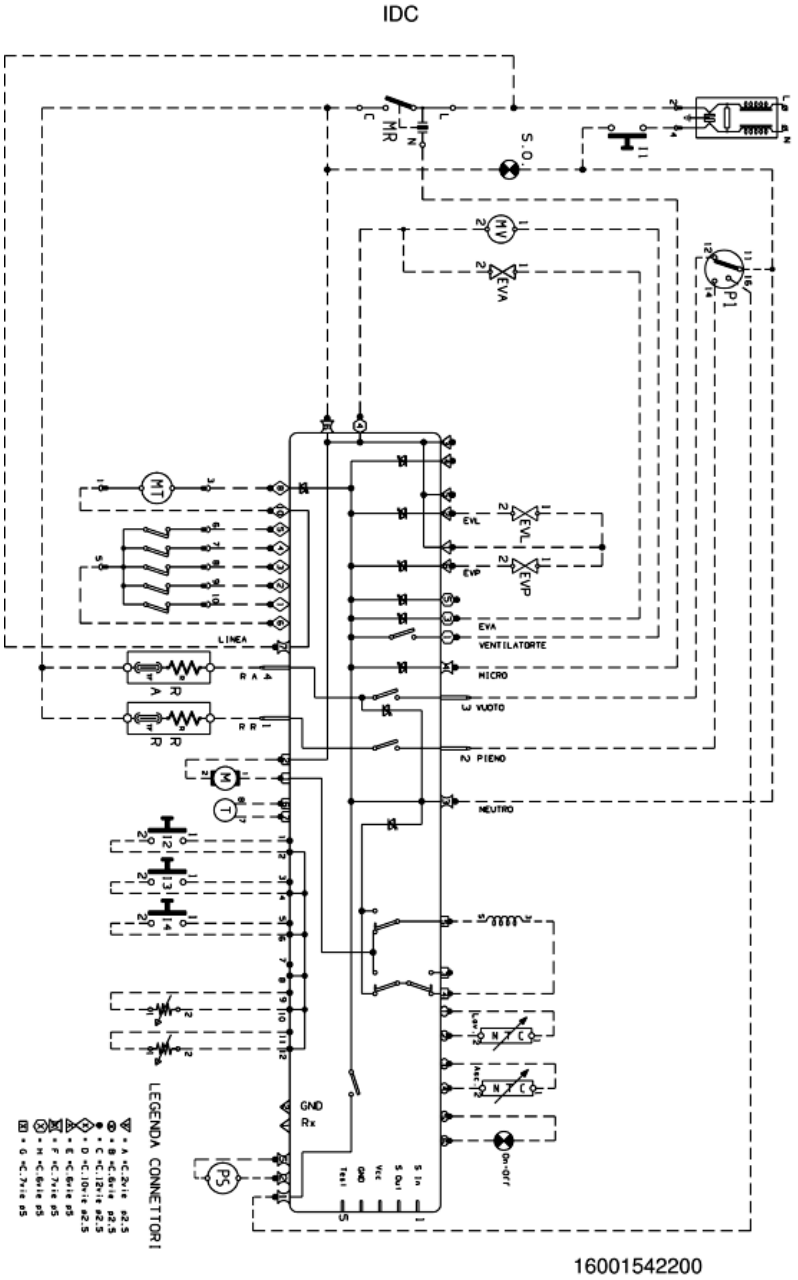
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AQS	Aquastop electrovalve	Mzbn/MTA	zbn timer motor
B	Buzzer	N	Neutral or Terminal Board
BC	Blocco Cesto	NC	Spin cycle exclusion
BF	Terminal board contact, motor fan and dryer	P	Pressure switch
BP	Buzzer	P1	1st level pressure cut-off switch
C	Condensator	P2	2nd level pressure cut-off switch
CA	Condensator	PA	High speed potentiometer
DV	Switching device	PB	Low speed potentiometer
EF/CL	Electro-Valve Cold Water / Bleach	PL	Pure Wool
EF/L	Electro-Valve Cold Water / Wash	PM	Motor Thermoprotector
EF/P	Electro-Valve Cold Water / Prewash	PR	Timer programmer or Pressure switch
ER	Exclude Heating Element	PS	Drain pump
ET	Thermostat disactivation	R	Heating element
EV	Electrovalve	RE	Relay
EVA	Dryer electrovalve	RR	Heating element
EVC	Hot water electrovalve	RV	Speed regulator
EVF	Elettrovalvola acqua fredda	Ras/RA	Dryer heating element
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
I1..2..3..	Switches/switching devices	TA	Drying timer contacts
IA	Switch On/Off	TB	Low Temperature Thermostat
IC	Switch N.C. - 1/2 Load	TC	Spider wheel earth
ID	Switch display	TFL	Flange earth
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IF	Switch - Spin Reduction	TH	Thermostat
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L	Line or Lamp	THF	Operating thermostat
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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

Electric schemes and links

Cod. 16001542200



Legend

Legend: 16001542200

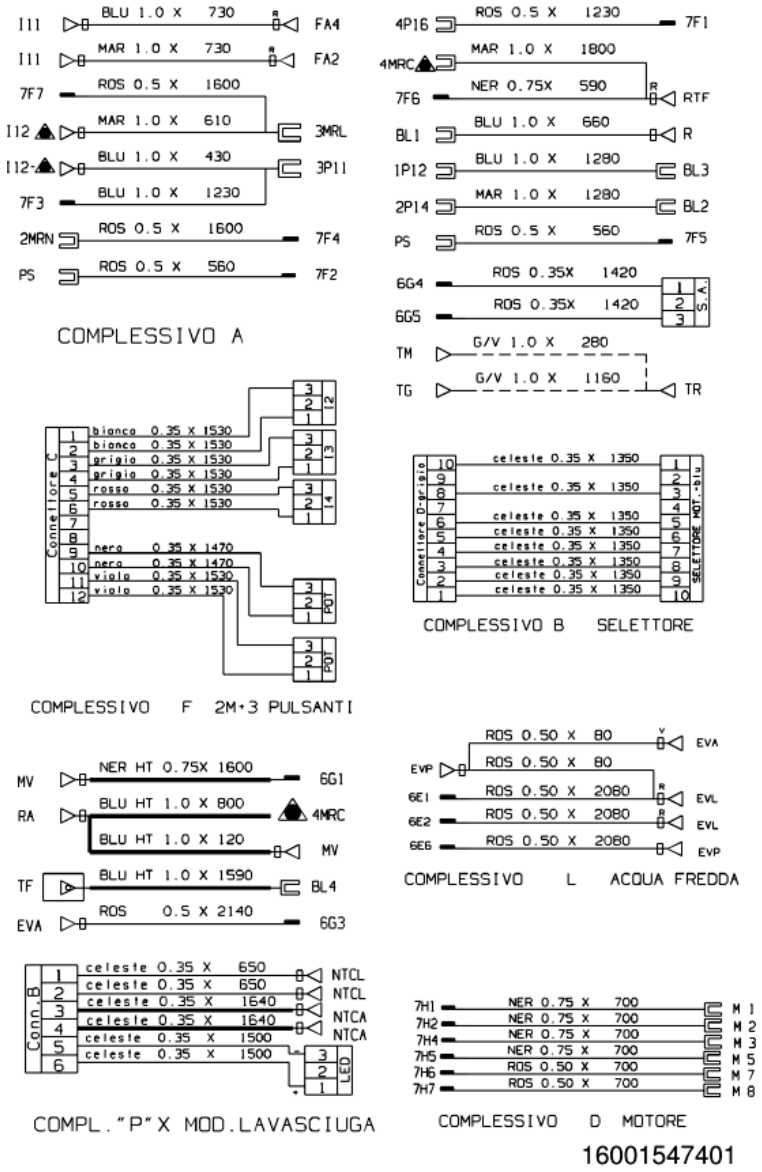
AQS	Aquastop electrovalve	Mzbn/MTA	zbn timer motor
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BC	Blocco Cesto	NC	Spin cycle exclusion
BF	Terminal board contact, motor fan and dryer	P	Pressure switch
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EF/L	Electro-Valve Cold Water / Wash	PM	Motor Thermoprotector
EF/P	Electro-Valve Cold Water / Prewash	PR	Timer programmer or Pressure switch
ER	Exclude Heating Element	PS	Drain pump
ET	Thermostat disactivation	R	Heating element
EV	Electrovalve	RE	Relay
EVA	Dryer electrovalve	RR	Heating element
EVC	Hot water electrovalve	RV	Speed regulator
EVF	Elettrovalvola acqua fredda	Ras/RA	Dryer heating element
EVL	Wash electrovalve	S	LED
EVP	Pre Wash electrovalve	SL	Line LED
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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

Electric schemes and links

Cod. 16001547401

IDC



Legend

Legend: 16001547401

AQS	Aquastop electrovalve	Mzbn/MTA	zbn timer motor
B	Buzzer	N	Neutral or Terminal Board
BC	Blocco Cesto	NC	Spin cycle exclusion
BF	Terminal board contact, motor fan and dryer	P	Pressure switch
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MT	Timer motor	TTH	Earthing Thermostat
MV	Motor fan	TV	Tank earth
MV -Ras	Dryer heating element	ZBN	Timer

Electric schemes and links

Cod. 28272320000



Legend

Legend: 28272320000