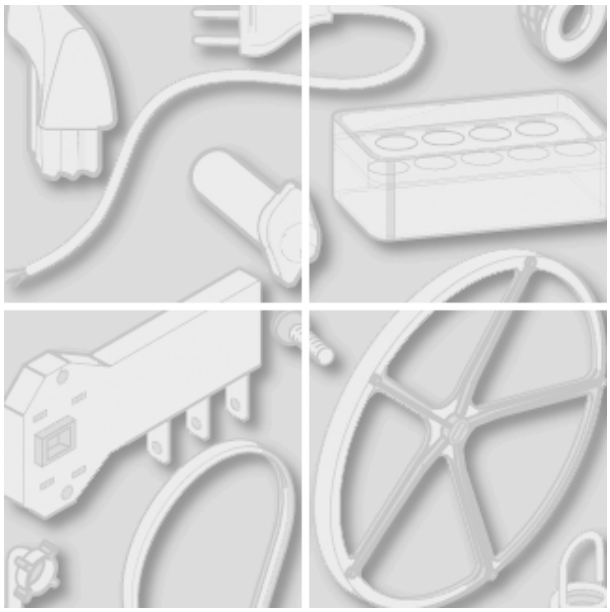
INDESIT company



Model type:
WI40IT

Commercial code:
F030231

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

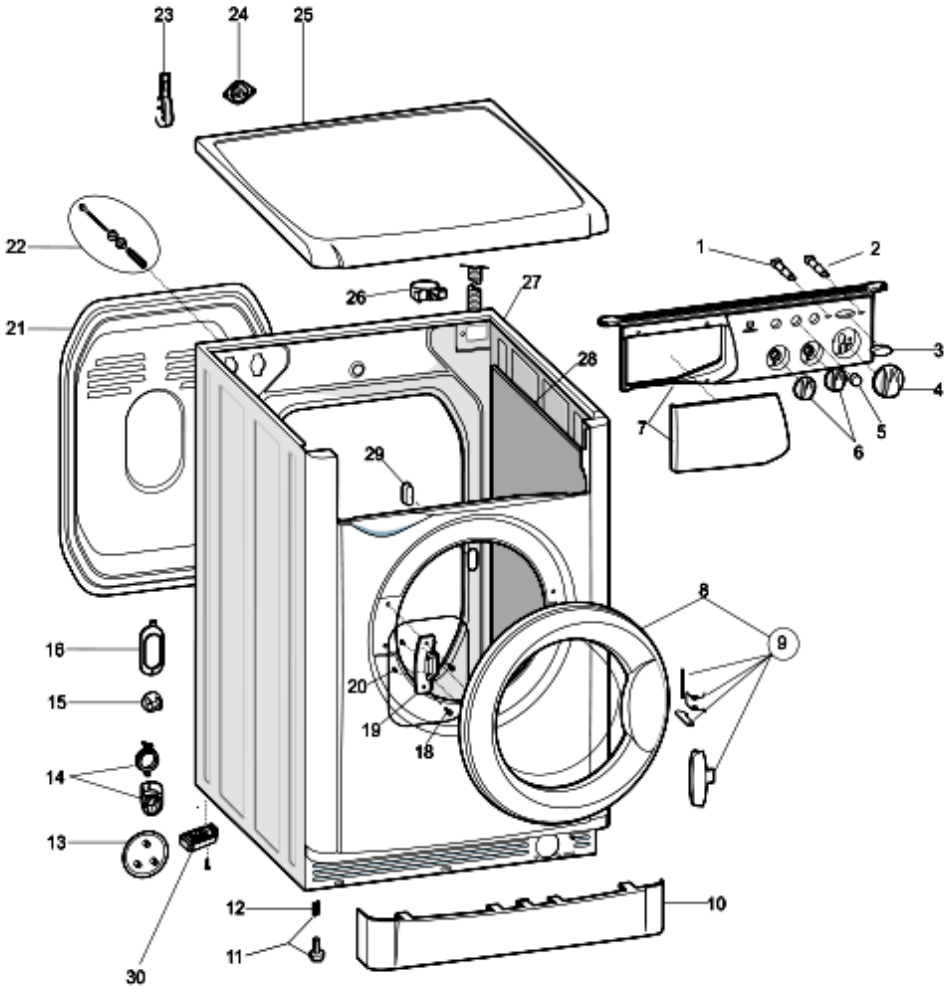
INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

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

1180170 Exploded views

Matr. 30901.0002



1180170

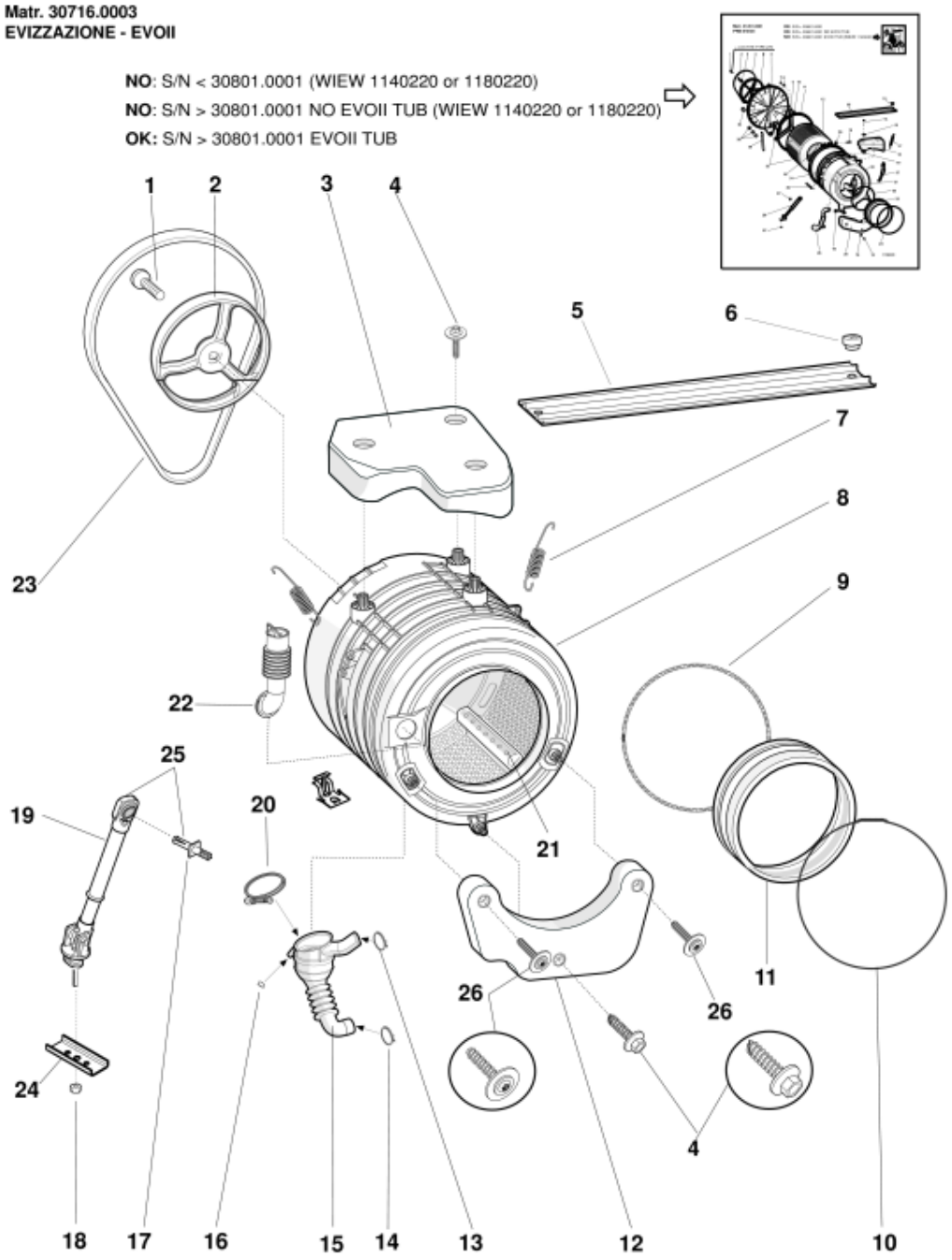
1180170 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00099568				user instructions booklet it-gr		
001	C00096881			1 x C00112262	pilot light red 230v ra2,5 ind.		
002	C00096882				pilot light red 12v r 2,5 indes.		
003	C00096858				pushbutton white 27 on/off	n1040356	46302310000
003	C00115930				pushbutton white pw on/off		46302310900
004	C00096856				wash timer knob white 27	n1040356	46302310000
004	C00115929				wash timer knob white pw		46302310900
005	C00096967				pushbutton white 27 indes.tev.	n1040356	46302310000
005	C00115931				pushbutton white pw indes.tev.		46302310900
006	C00096857			1 x C00115924	components knob white 27 ind.	n1040356	46302310000
006	C00115924				knob white		46302310900
007	C00099561				control panel + handle b27 wi40it	n1040356	46302310000
007	C00116277				control panel & handle pw wi40it		46302310900
008	C00096860			1 x C00115842	door frame b27 and glass assy	n1040356	46302310000
008	C00110134			1 x C00116383	door frame and glass assy b27		
008	C00116383				door frame and glass assy pw		46302310900
009	C00096865				door handle kit		
010	C00096855			1 x C00115813	plinth white ind. tev. evoii	n1040356	46302310000
010	C00115813				plinth white		46302310900
011	C00143730			1 x C00264036	foot m8 h=2,9 cm rohs thread 8	n4007j00	
012	C00059869				spring for foot d =11 mm h = 21		
013	C00089803				blanking plug d = 53 mm		
014	C00064755				drain hose collar		
016	C00044085				plug cabinet		
018	C00096210				screw self tapping		
019	C00075325			2 x C00096210 1 x C00255430	hinge door 3.5 mm indesit		
020	C00065185				bolt m4,5 x 8		
021	C00046924				rear cover white	n1040356	46302310000
021	C00115812				rear panel white pw		46302310900
022	C00058925				spacer		
022	C00065879				bolt		
022	C00119282				kit package bolt		
024	C00083796				cap for electrovalve		
025	C00096859			1 x C00115814	worktop - white ind.tev. evoii	n1040356	46302310000

1180170 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
025	C00115814				worktop - white		46302310900
026	C00019685				drain hose hook		
027	C00096852			1 x C00115811	cabinet white evo ii tev ind.	n1040356	46302310000
027	C00285207				cabinet white pw indesit (1 hole)		46302310900
029	C00084817				blanking plate-rear(test plug)		
030	C00254045				back foot - rear h= 10 mm	n4007j00	

1180250 Exploded views

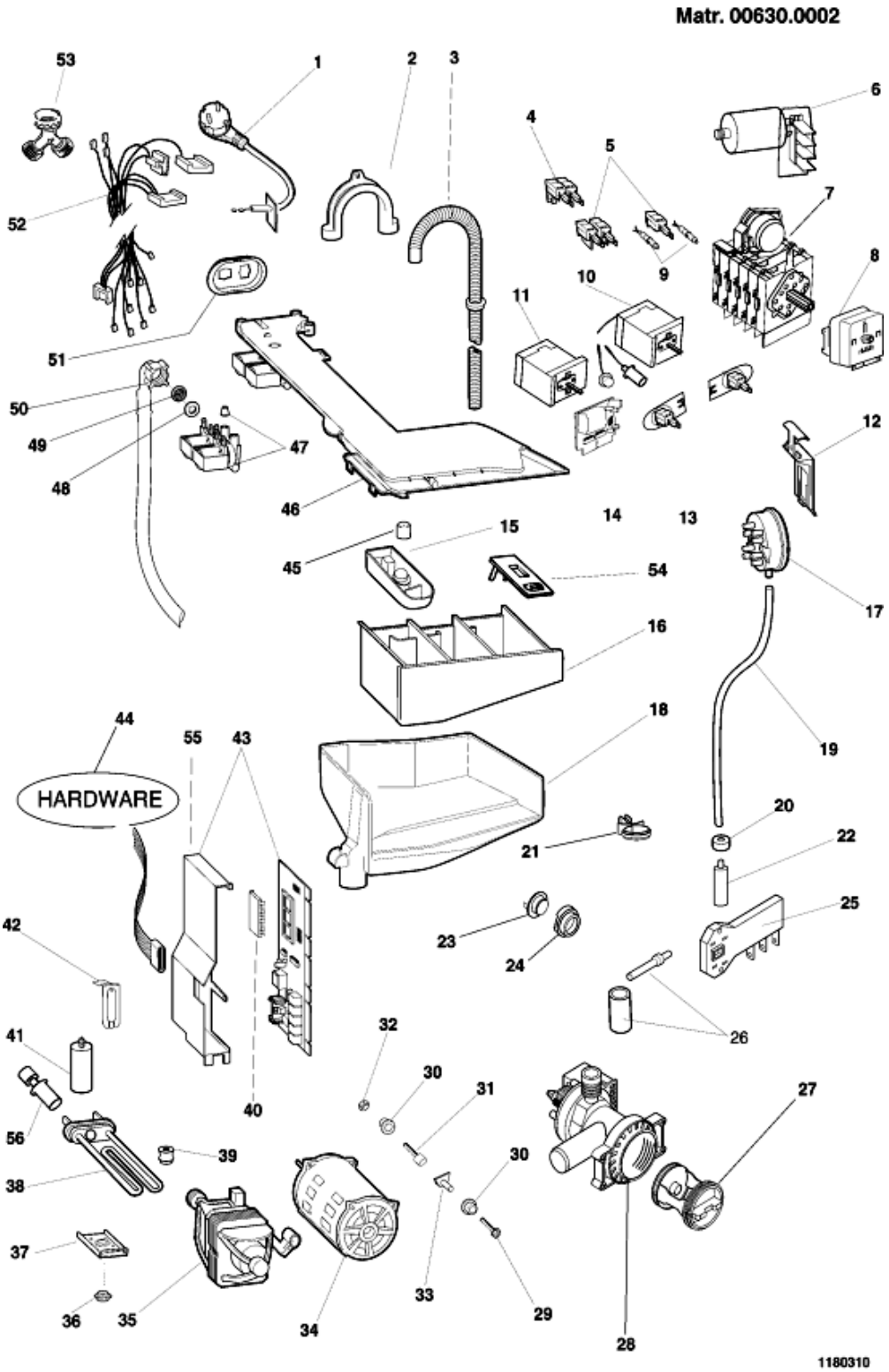


1180250

1180250 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00064786			1 x C00143260	bolt m8x23 torx tefl		
002	C00097267				drum pulley d=210 mm h=15 mm	n1040377	
002	C00097268				drum pulley d=280 mm h=15 mm		
003	C00094710				top ballance weight 15kg		
004	C00094741			1 x C00118612	screw locking counterweight/tub		
004	C00194611				screw.pl28 9.5x50 tmtfr t40	n4011c00	
005	C00055397				tank cradle channel top		
006	C00047133				spring support top white 1 per pick		
007	C00097753				tank spring		
008	C00097236				tank plastic 40l+pul d280		
009	C00092155				door seal- rear retainer		
010	C00092156				door seal retainer front		
011	C00092154		41231...		door seal		
011	C00111416	50101...			door seal (30cm) (hl)		
012	C00094711				front ballance weight 9,4kg		
013	C00008612				tube clamp 34,6-36,4		
014	C00092411			1 x C00094908	hose clamp		
015	C00092174				hose tank to filter with oko ball		
017	C00055037		60402...		plastic expansion rivet	n1040417	
017	C00118593	60403...		1 x C00280757	plastic expansion peg		
018	C00065152				nut romob m6x22x1,5		
019	C00055039		60402...		shock absorber 120 n	n1040417	
019	C00144540	60403...			shock absorber 120 n		
020	C00094908				hose clamp		
021	C00097565				lifter		
022	C00066183				hose dispenser to tank		
023	C00081785				belt 1094j4	n1040377	
023	C00140699				belt 1232j4 / 1245j4 poly-v		
024	C00110233				cabinet plate		
025	C00144546	60403...			shock absorber 120 n kit		
026	C00194612				screw larger diameter 11.3x50 kit	n4011c00	
099	C00001109				loctite 270 10 gr.		
099	C00033026			1 x C00292523	ambljgon grease ta 100 gr.		

1180310 Exploded views



1180310 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00091632				supply cable 3x1 schuko 1,5 m +		
002	C00019902				plastic -u- to make drain hose		
003	C00027466				drain hose - to sink l=1860mm		
005	C00058466				switch nc		
005	C00063971				on-off switch		
007	C00065975				timer elbi 0748/1.a /0748/2.a plate	n1040178	
009	C00096881			1 x C00112262	pilot light red 230v ra2,5 ind.		
010	C00081939				adjustable thermostat		
012	C00050186				bracket - pressure switch		
016	C00097732				soap dispenser drawer		
017	C00097735				pressure switch evoii 1 level 185-		
018	C00099206				dispenser body		
019	C00094746				pipe pressostat l=505		
020	C00019755				anti-vibration bush (foam)		
021	C00064530				clip-pressure switch tube		
022	C00092173				air trap x oko		
024	C00014917				grommet - thermostat		
025	C00085194				door interlock		
025	C00141034				filter element kit		
027	C00045023				filter handle		
027	C00045025				filter seal		
027	C00045027				pump filter kit	n1040376	
027	C00297161				filter element kit copreci		
028	C00119307				drain pump		
029	C00052497			1 x C00082723	bolt m6x30		
029	C00094744				screw locking motor/tub		
030	C00104675				motor rubber bush		
031	C00040931				bush - motor pivot (plastic)		
032	C00040935				lock nut m8		
032	C00041843				washer 8,5x17x1,5		
033	C00050187				fixing nut		
034	C00059561				motor 2/12 poles		
034	C00075892				motor 2/12 poles 230v 50hz	n1040377	
038	C00094715				heating element 1700w		
039	C00058523				pillar retainer-heating element		

1180310 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
041	C00074642				capacitor 14 mf		
046	C00096877			2 x C00064534 1 x C00110333 1 x C00115294	hopper cover 1e 2u ind.evoii tev		
047	C00064534				seal - dispenser to valve		
047	C00110333				fill valve 2 way (7lt rst 2.5)		
048	C00005572				sealing washer-mains inlet hose		
049	C00005781				inlet hose filter		
050	C00003070				mains inlet hose cold 25c 10bar		
052	C00099489				wiring + timer elbi 0748/1.a		
054	C00047069			1 x C00097834	additive cover		
057	C00092412				hose clamp		
058	C00008612				tube clamp 34,6-36,4		

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.

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.

n1040356: Polar White Factory 46 (Teverola)

From serial no. 50228.0001, the new "Polar White" is used on all washing machines produced in factory 46 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. 46302230900).
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.

n1040376: Drain pump with filter with pin.

A new drain pump with filter with pin has been introduced progressively as from serial no. 50609.0001.

New parts:
C00119307 - Drain pump with pin filter;
C00141034 - Askoll / Plaset drain pump with pin filter kit (figure 001);

Premodification parts:
C00092264 - Drain pump;
C00045027 - Askoll / Plaset pump filter kit (figure 001);

The new parts can be used on all WASHING MACHINES previously equipped with the premodification parts.

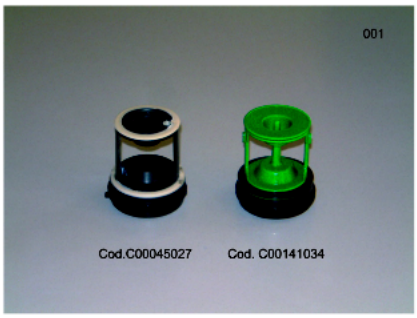
n1040377: Modification of 280 mm - 400/600 rpm transmission unit.

Appliances from serial number 51011.0001 have been equipped with a new transmission unit affecting the motor, belt and pulley; these parts are not interchangeable individually with the premodification parts.

New P/Ns for 400 rpm models
C00140699 - Poly-V1232J4 / 1245J4 belt;
C00097268 - Pulley D=280 mm H=15 mm;
C00059561 - Motor 2/12 230 V 50 Hz;

400 rpm premodification P/Ns
C00081785 - Poly-V 1247J4 / 1262J4 belt
C00097267 - Pulley D=210 mm H=15 mm;
C00075892 - Motor 2/12 230 V 50 Hz;

New P/Ns for 600 rpm models



C00140700 - Poly-V1232J4 / 1245J4 belt;
C00097268 - Pulley D=280 mm H=15 mm;
C00059686 - Motor 2/16 230 V 50 Hz;

600 rpm premodification P/Ns
C00081730 - Poly-V 1106J4 belt
C00097267 - Pulley D=210 mm H=15 mm;
C00066087 - Motor 2/16 230 V 50 Hz;

The appliances affected by the modification are shown below, together with the first industrial code with which the modification was introduced:

46298900901AV6EU
46301380901WI6EU
46302300901WI60IT
46305040901WI62KW
46305050901WI62EX
46350540001AV61AUS
46379170001AV61AG

46300640901AV51EX 50-60
46300650901AV41EX 50-60
46300660901AV41AG50-60
46300670901AV51AG 50-60
46301370901WI5FR
46302310901WI40IT
46304980901AV51EO
46304990901WI42EX
46305000901WI52KW
46305010901WI52EX60Hz
46305020901WI52EX

46323030901AV40AG50-60
46332170901AV42EX50-60
46332180901AV52EX50-60
46372260001WI42KW

n1040417: Modification of shock absorbers and expanders on Teverola washing-machines.

From serial no. 60403.0001, new shock absorbers and expanders have been introduced.

New codes:
C00144540 - shock absorber 120N
C00118593 - expander

Premodification codes
C00055039 - shock absorber 120N
C00055037 - expander

The new parts can be used (not separately) also on all appliances equipped with shock absorbers 120N - C00055039; in this case both shock absorbers / expanders must be replaced: kit C00144546, composed of two new shock absorbers, two new expanders and two plates for cabinet is available.

List of products affected by this modification:
29890 AV61EU
30064 AV51EX50-60
30065 AV41EX50-60
30066 AV41AG50-60
30067 AV51AG50-60
30138 WI6EU
30230 WI60IT
30231 WI40IT
30498 AV51EO
30499 WI42EX
30500 WI52KW
30501 WI52EX60HZ
30502 WI52EX
30504 WI62KW
30505 WI62EX
32303 AV40AG50-60
33217 AV42EX50-60
33218 AV52EX50-60
35054 AV61AUS
37226 WI42KW
37917 AV61AG

n4007j00: Rear feet changed

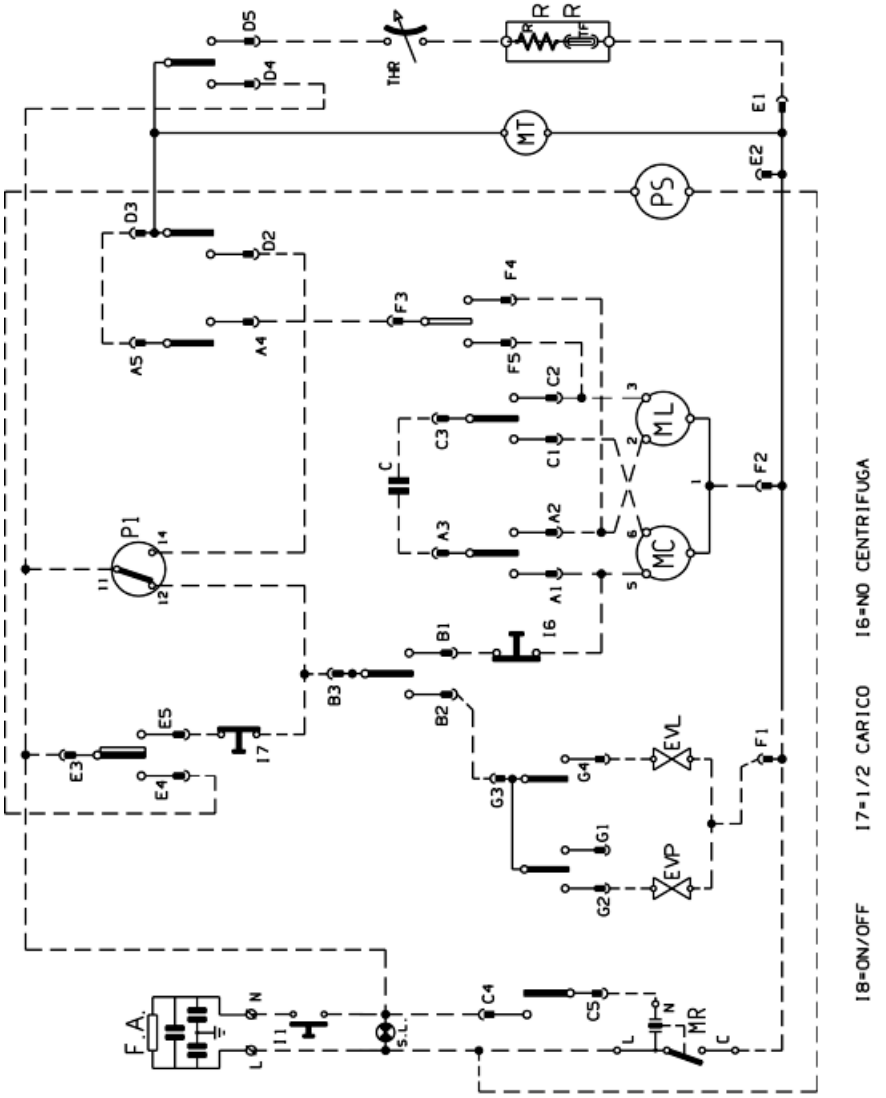
From Serial Number 70403.0001 the two rear feet changed with new code C00254045, the cabinet fixing has been modified.

The new feet are not interchangeable with premodification.

CABINET
The spare part code isn't changed, in the warehouse stock we have the new cabinet.
If you fix it on premodification models you need to use the new feet.

Electric schemes and links

Cod. 16001243202



16001243202

Legend

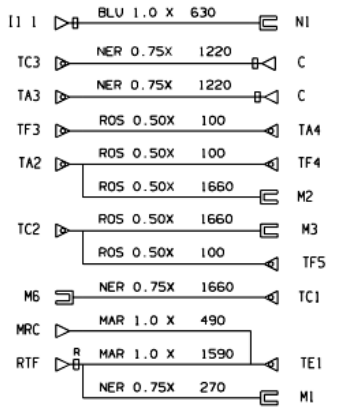
Legend: 16001243202

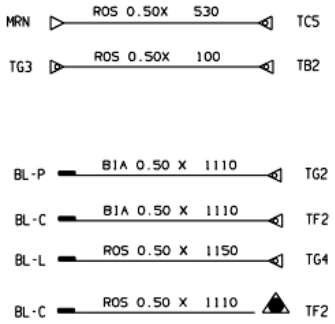
AQS	Aquastop electrovalve	Mzbn/MTA	zbn timer motor
B	Buzzer	N	Neutral or Terminal Board
BC	Blocco Cesto	NC	Spin cycle exclusion
BF	Terminal board contact, motor fan and dryer	P	Pressure switch
BP	Buzzer	P1	1st level pressure cut-off switch
C	Condensator	P2	2nd level pressure cut-off switch
CA	Condensator	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

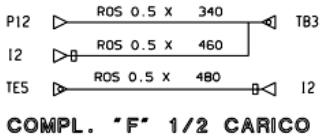
L	Line or Lamp	THF	Operating thermostat
LB	Low Level	THR	Adjustable thermostat
LN	Normal Level	TM	Motor earth
LS	Pilot lamp	TMB	Main cabinet earth
M	Earth-symbol	TMP	Motor thermal protector
MC	Spin cycle motor	TMS	Thermostop
MI	MOTOR WITH PULLEY	TP	Thermal protector
ML	Wash cycle motor	TPS	Drain pump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

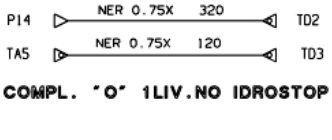
Electric schemes and links

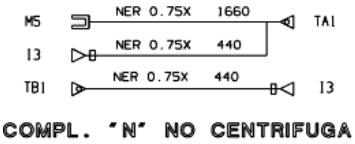
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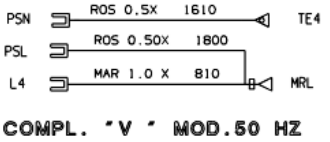


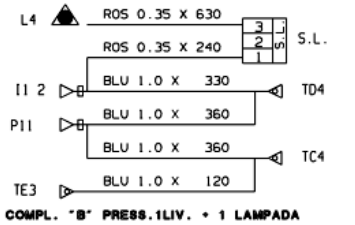


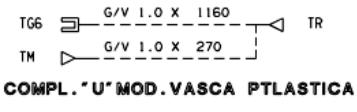


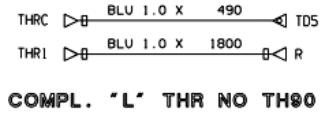












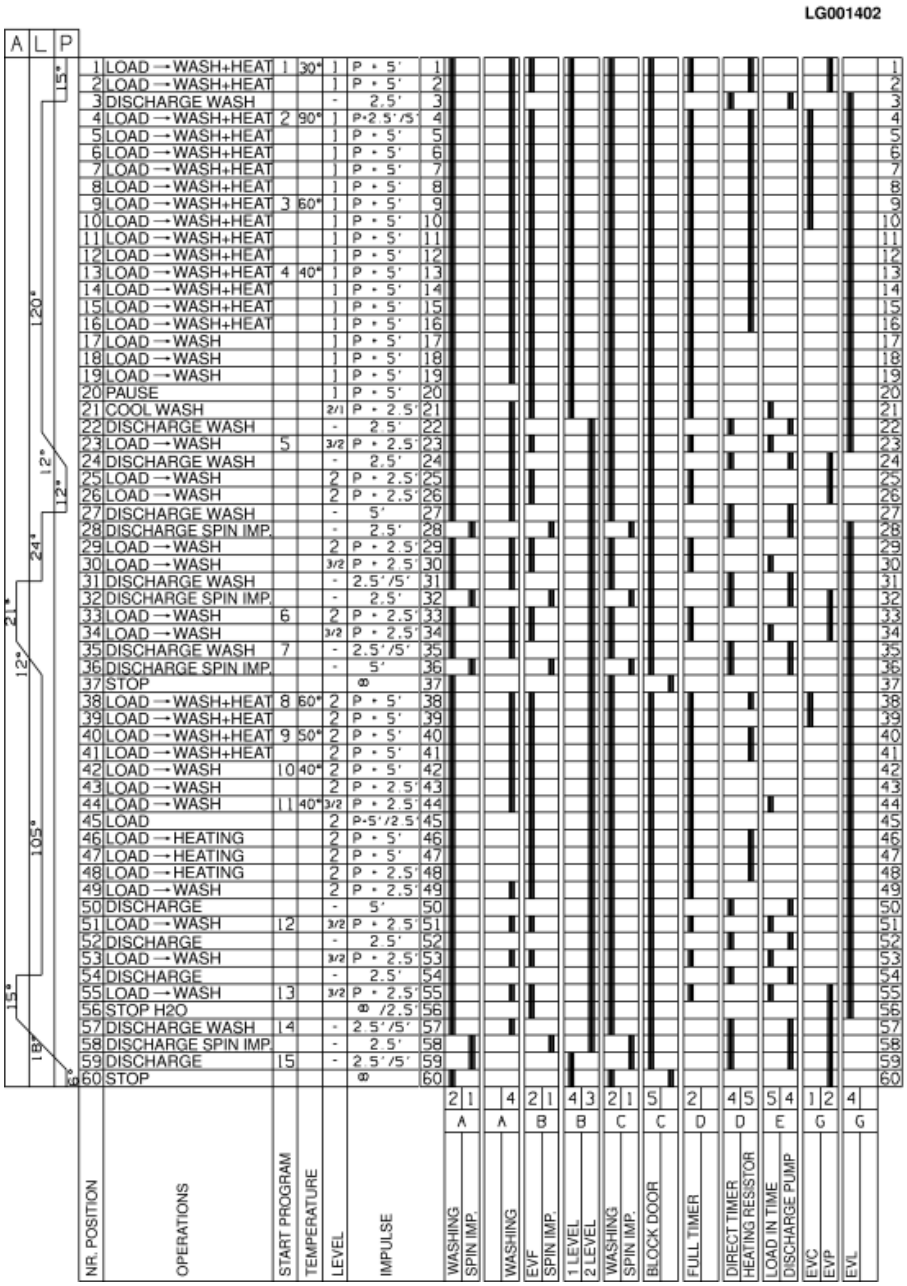
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Legend

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Electric schemes and links

Cod. lg001400



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
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