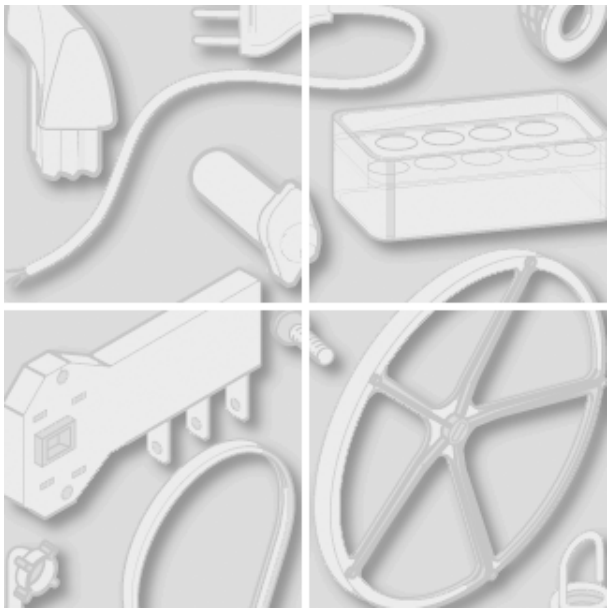
INDESIT company



Model type:
WIS62EX

Commercial code:
F030440

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

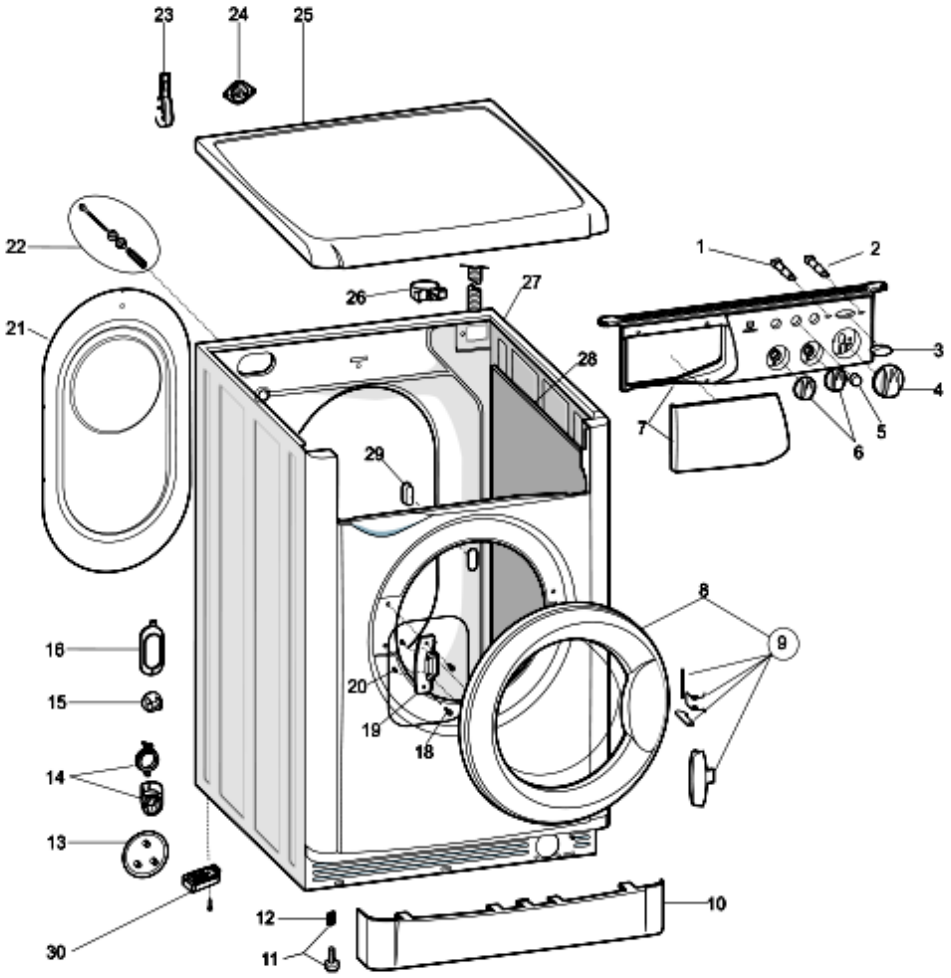
INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

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

1140190 Exploded views

Matr. 40120.0001



1140190

1140190 Spare parts list

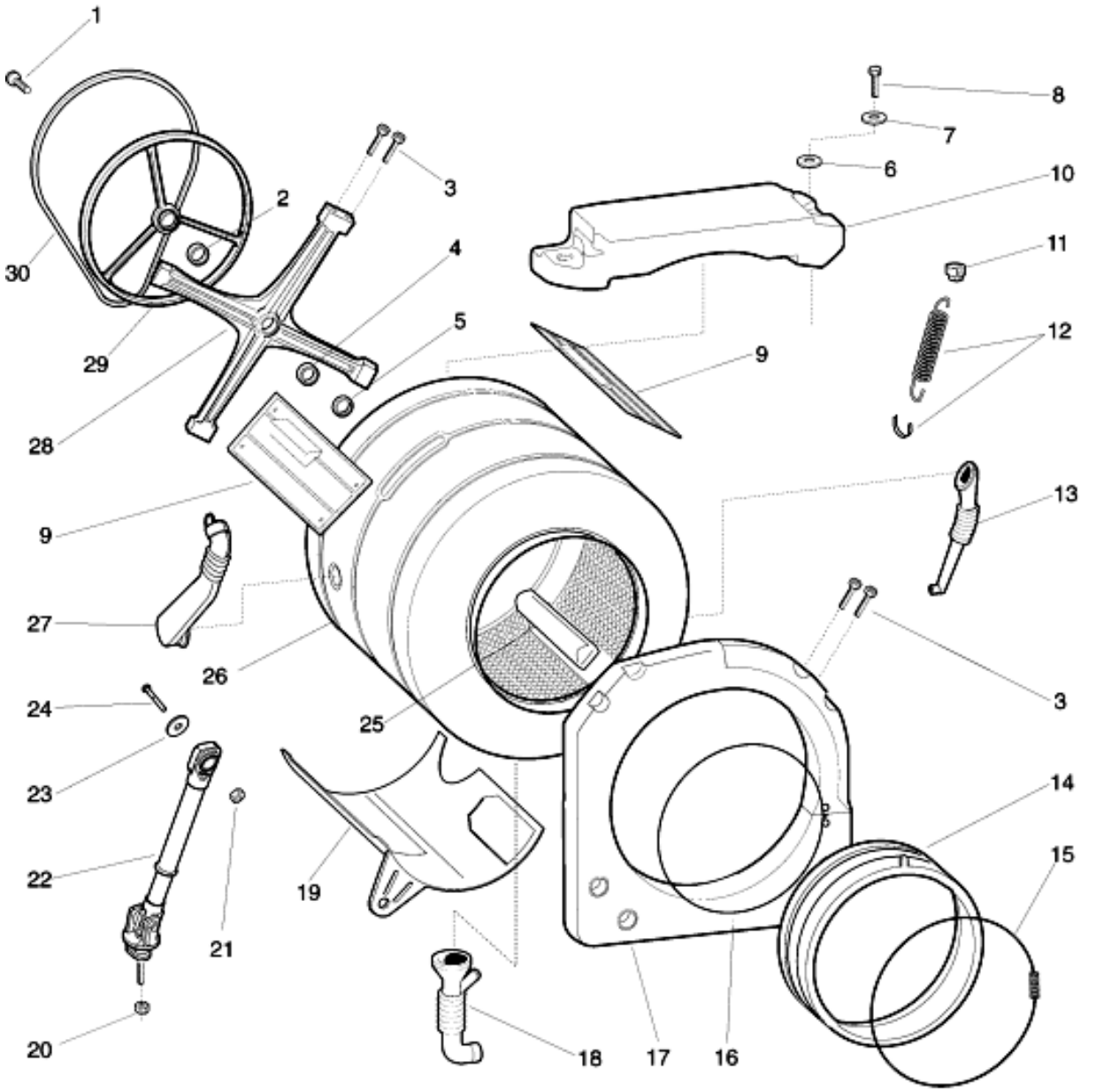
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00099592				user instructions booklet rs-gb		
001	C00096881			1 x C00112262	pilot light red 230v ra2,5 ind.		
003	C00096858				pushbutton white 27 on/off	n1040359	80304400000
003	C00115930				pushbutton white pw on/off		80304400900
004	C00096856				wash timer knob white 27	n1040359	80304400000
004	C00115929				wash timer knob white pw		80304400900
005	C00096967				pushbutton white 27 indes.tev.	n1040359	80304400000
005	C00115931				pushbutton white pw indes.tev.		80304400900
006	C00096857			1 x C00115924	components knob white 27 ind.	n1040359	80304400000
006	C00115924				knob white		80304400900
007	C00099582				control panel + handle wis62ex	n1040359	80304400000
007	C00116720				control panel + handle pw		80304400900
008	C00110134			1 x C00116383	door frame and glass assy b27	n1040359	80304400000
008	C00116383				door frame and glass assy pw		80304400900
009	C00096865				door handle kit		
010	C00096930				plinth white ind. comun. evoii	n1040359	80304400000
010	C00116556				plinth white		80304400900
011	C00087084				foot		
012	C00083828				foot spring (11x8.5mm)		
013	C00089803				blanking plug d = 53 mm		
014	C00064755				drain hose collar		
015	C00065871				blanking plug		
019	C00075325			2 x C00096210	hinge door 3.5 mm indesit		
				1 x C00255430			
021	C00099313			1 x C00116923	rear cover - white	n1040359	80304400000
021	C00116923				rear cover - white pw		80304400900
022	C00066091			1 x C00077411	washer packing		
022	C00077411				transit bolts kit (1 screw + 1		
023	C00046666				collar for drain hose		
023	C00046667				wiring stop		
024	C00083796				cap for electrovalve		
025	C00097617			1 x C00116555	worktop - white ind.comu. evoii	n1040319	80304400000
						n1040359	
025	C00116555				worktop - white pw ind.comu.		80304400900
026	C00019685				drain hose hook		

1140190 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
027	C00097614			1 x C00116541	cabinet white indes. evoii wisl	n1040359	80304400000
027	C00116541				cabinet pw indes. evoii wisl		80304400900
029	C00084817				blanking plate-rear(test plug)		
099	C00082762				motor shock absorber		

1140210 Exploded views

Matr. 91201.0001



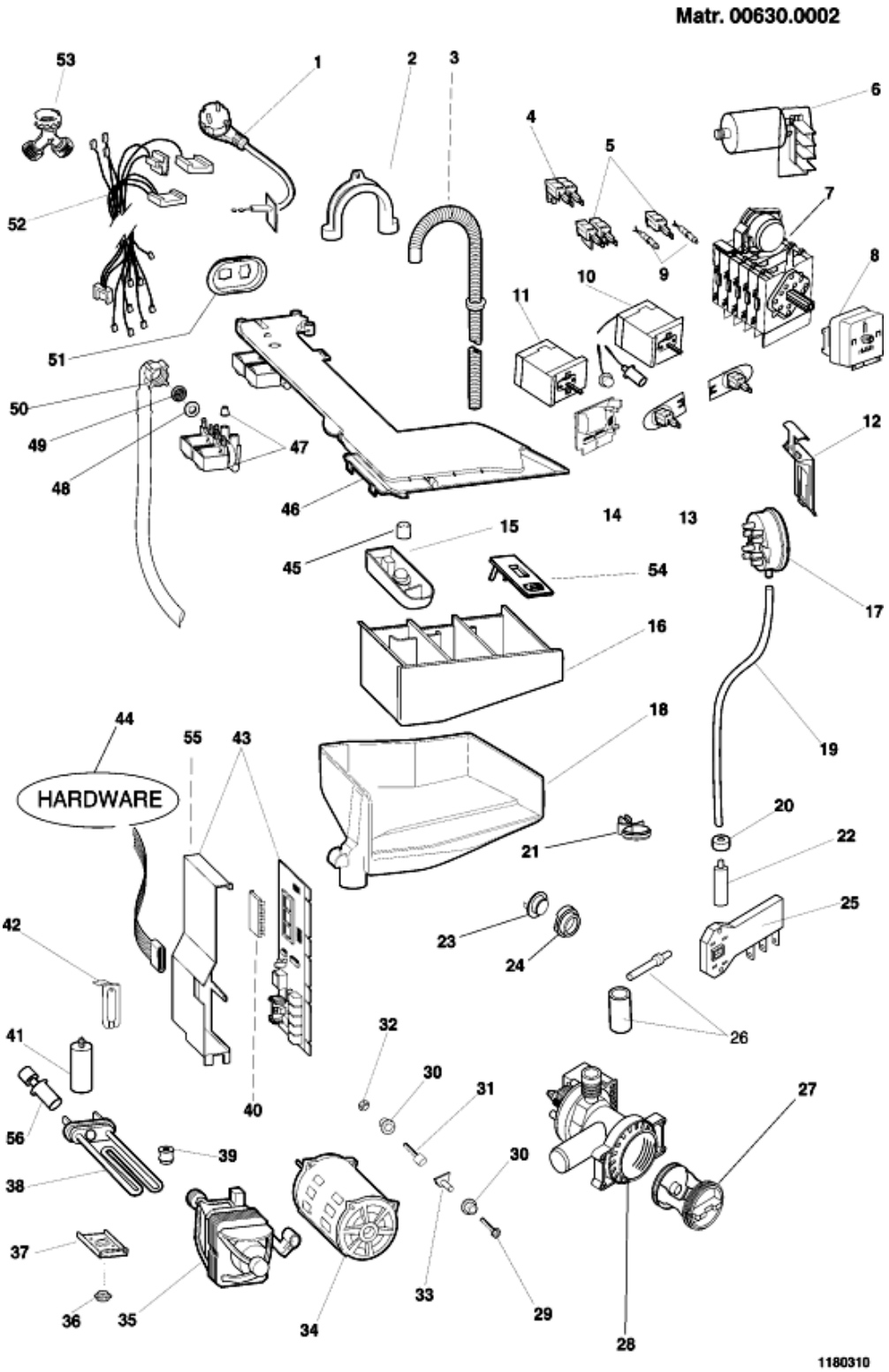
1140210 Spare parts list

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		
002	C00026299				circlip 60 x 1.5	n1040326	
003	C00051737				torx m8 x 27 dri-loc screw		
003	C00064785			1 x C00193879	bolt m8x22 tb6lt		
004	C00002591				bearing 20x47x14		
004	C00026298				bearing ba2b 633667 30x60.03x37	n1040326	
005	C00039667				oil seal bearing + spider/tank seal	n1040326	
005	C00096186				standard oil seal	n1040300	
						n1040326	
008	C00088408				bolt + washer		
009	C00065918				support left right lb		
010	C00066076				upper counterweight 17 kg		
011	C00064515				anchorage pad - suspension		
012	C00074132				tank spring		
014	C00095328		40613...		door bellows seal avsd avsl		
014	C00110330	40614...			door bellows seal avsd avsl d= 30		
015	C00092156				door seal retainer front		
016	C00092155				door seal- rear retainer		
017	C00092178				front counterweight		
019	C00093878				cradle outer- set	n1040325	
020	C00065152				nut romob m6x22x1,5		
021	C00030443			1 x C00047136	nut romob m8		
				1 x C00144571			
021	C00030680			1 x C00040130	nut m 10		
022	C00303583				kit shock absorber 120 n 8,15 mm		
024	C00093750				bolt zink m8x40		
025	C00065463				lifter 40 - 46l		
026	C00094289			1 x C00094275	outer- set 40 l. evo ii	n1040326	
				1 x C00094290			
027	C00074136				hose dispenser to tank		
028	C00074137				bearing spider assembly	n1040326	
028	C00110340				bearing spider assembly	n1040326	
029	C00066080				drum pulley cone d=210 mm h=		
029	C00074138				drum pulley d=210mm h=25mm	n1040326	

1140210 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
030	C00056506				belt l=1090 mm j4		
031	C00094312				hose tank to filter oko ws - abs		
032	C00092161				hose dispenser to tank		
033	C00091148			1 x C00094908	clamp d=79 mm		
035	C00092411			1 x C00094908	hose clamp		
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	C00064537			1 x C00263210	support - pressure switch		
016	C00097732				soap dispenser drawer		
017	C00094409				pressure switch 2 liv 110 - 80 180		
018	C00092314				dispenser body		
019	C00092170			1 x C00041785	pipe pressostat l= 470mm. evo ii		
020	C00019755				anti-vibration bush (foam)		
021	C00064530				clip-pressure switch tube		
022	C00092173				air trap x oko		
025	C00065185				bolt m4,5 x 8		
025	C00085194				door interlock		
027	C00045023				filter handle		
027	C00045025				filter seal		
027	C00045027				pump filter kit	n1040376	
027	C00141034				filter element kit		
027	C00297161				filter element kit copreci		
028	C00119307				drain pump		
029	C00052497			1 x C00082723	bolt m6x30		
030	C00084029				bolt motor m6x34		
031	C00064553				motor bolt		
034	C00074139				motor 2/16 poles 230v 50hz		
038	C00087188				heat element + sensor hole	n1040300	
039	C00058523				pillar retainer-heating element		
041	C00074643			1 x C00045957	capacitor + bracket 16 mf		
046	C00075458				hopper cover 1 ev		
047	C00064534				seal - dispenser to valve		
047	C00066518				solenoid valve 2 way		
048	C00005572				sealing washer-mains inlet hose		

1180310 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
049	C00005781				inlet hose filter		
050	C00003070				mains inlet hose cold 25c 10bar		
051	C00064946				electrovalve support 1 ev		
052	C00099600				wiring + timer elbi 0748/2.a		
054	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.

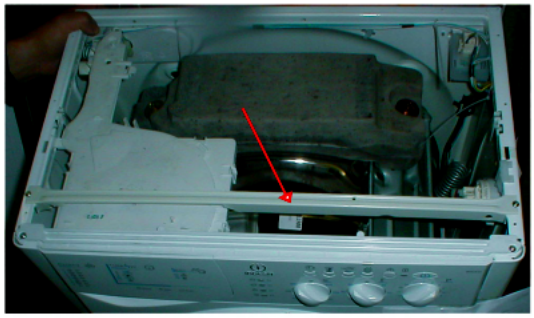
n1040242: Power card with welded eeprom.

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.

n1040319: Elimination of metal bar on INDESIT cabinets.

From serial no. 40223.0001 Indesit EVOII Washing Machines produced in the Comunanza - Brembate factory have been equipped with a wooden reinforcing strip on the top, whereas the metal bar on the cabinet has been eliminated.
The modified tops have the same Service code as premodification items (096937, 097617, 098440, 099929 and 097806).
When using the new top on a premodification appliance the metal bar (see N1040319FIG1) must be removed, whereas the old top can be used in place of the new one without any modification.
The new top can be used in place of the old one and vice versa; the Service code remains the same.

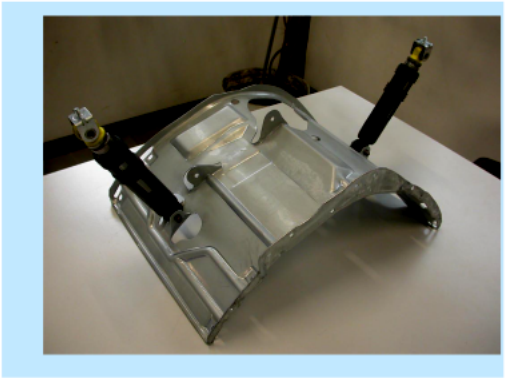
N1040319FIG1



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.)













n1040326: Two-bearing mechanism on Slim range washing machines

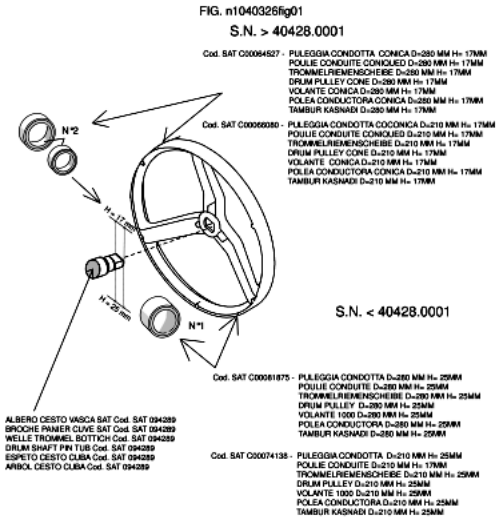
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From serial no. 40428.0001, all Slim range models produced in the Comunanza factory have been equipped with a two-bearing mechanism in place of the single-bearing one.

The Service codes of the new mechanism are:
Service code C00096186 - SEAL RING CV4;
Service code C00002591 - BEARING 20X47X14 6204 SKF;
Service code C00013563 - BEARING 25 X52 X 15 6205 - 2Z SKF;
Service code C00110340 - CROSS WITH SEAL RING (2C) SNELLA;
Service code C00094289 - EVO 40L TANK SLIM (1-C) > (2-C)EVOII;
Service code C00094290 - OUTER- SET 40 L.(1-C)>(2-C)EVOII;
Service code C00064527 - DRIVEN PULLEY CONE D=280 MM H= 17MM;
Service code C00066080 - DRIVEN PULLEY CONE D= 210 MM H=17 MM.

The tank assembly with the new two-bearing cross has the same Service code as the single-bearing one (C00094289); the latter will be available until stocks run out.
When replacing the tank, make sure that the value H (17 mm or 25 mm) of the basket cross shaft corresponds to the value H of the pulley (see Fig.001).

The following premodified items will continue to be used:
Service code C00026298 - BEARING BA2B 633667 30X60.03X37;
Service code C00039667 - SEAL RING;
Service code C00074137 - CROSS WITH SEAL RING;
Service code C00081875 - DRIVEN PULLEY D=280MM H=25MM;
Service code C00074138 - DRIVEN PULLEY D = 210MM H=25MM;
Service code C00026299 - SEEGER RING SB 60X1,5.



n1040330: Replacement of TOP LOADING diaphragm.

Replacement of diaphragm Sat code 085611: before fitting the new diaphragm it is necessary to remove the old silicone adhesive from the bowl housing and apply adhesive Sat code 081629 around the entire perimeter. In order to ensure perfect watertightness, after fitting the new diaphragm on the bowl and the tightening ring, press the edge of the diaphragm firmly onto the bowl housing so that any excess adhesive squeezes out.
After applying the adhesive, wait two hours before using the washing machine, as silicone adhesive requires some time to dry.

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.

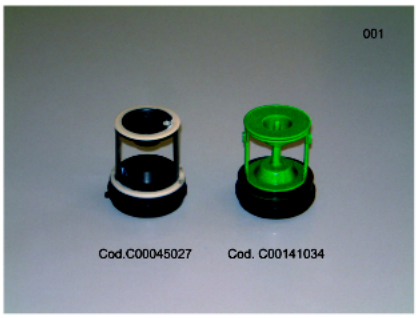
n1040376: Drain pump with filter with pin.

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);

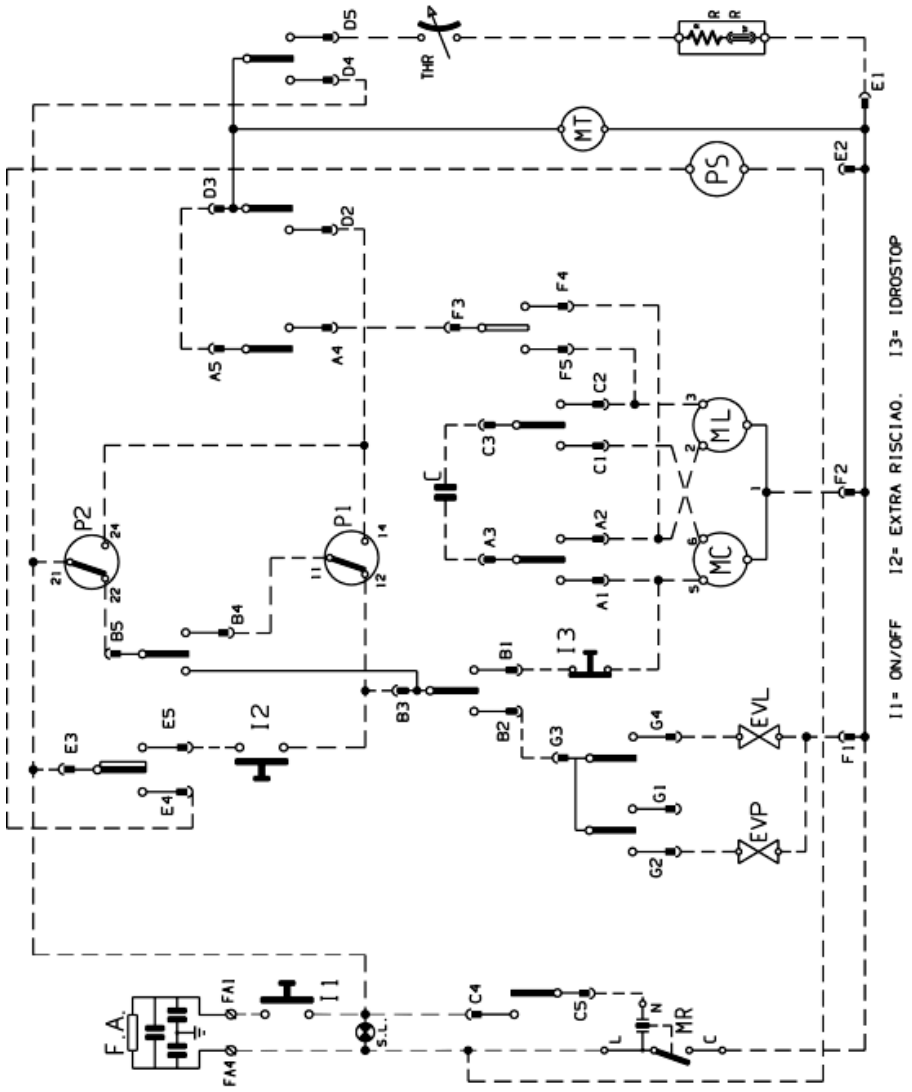
Premodification parts:
C00092264 - Drain pump;
C00045027 - Askoll / Plaset pump filter kit (figure 001);

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


001
Cod.C00045027
Cod. C00141034

Electric schemes and links

Cod. 16001737100



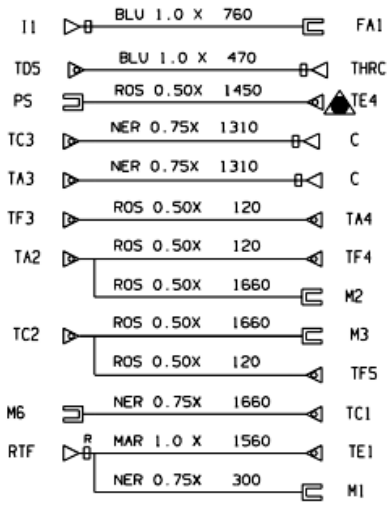
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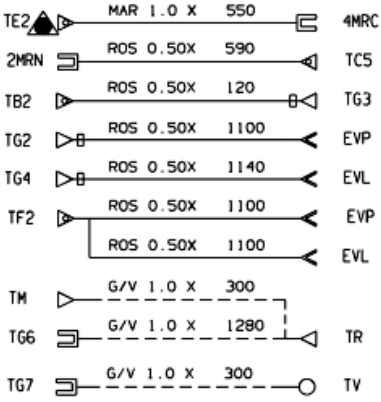
Legend

Legend: 16001737100

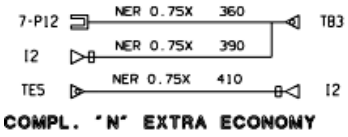
Electric schemes and links

Cod. 21500798100

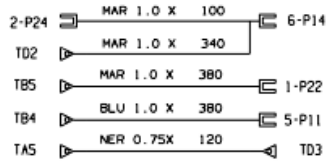




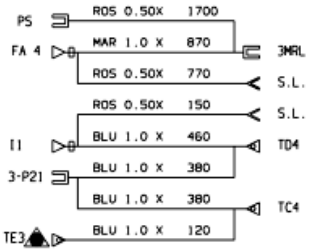
COMPLESSIVO A



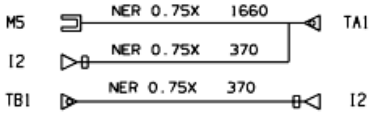
COMPL. "N" EXTRA ECONOMY



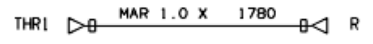
COMPL. "P" 2LIV. NO IDROSTOP



COMPL. "C" PRESS.2LIV.+1 LAMP.



COMPL. "I" NO CENTRIFUGA



COMPL. "H" THR NO TH80°

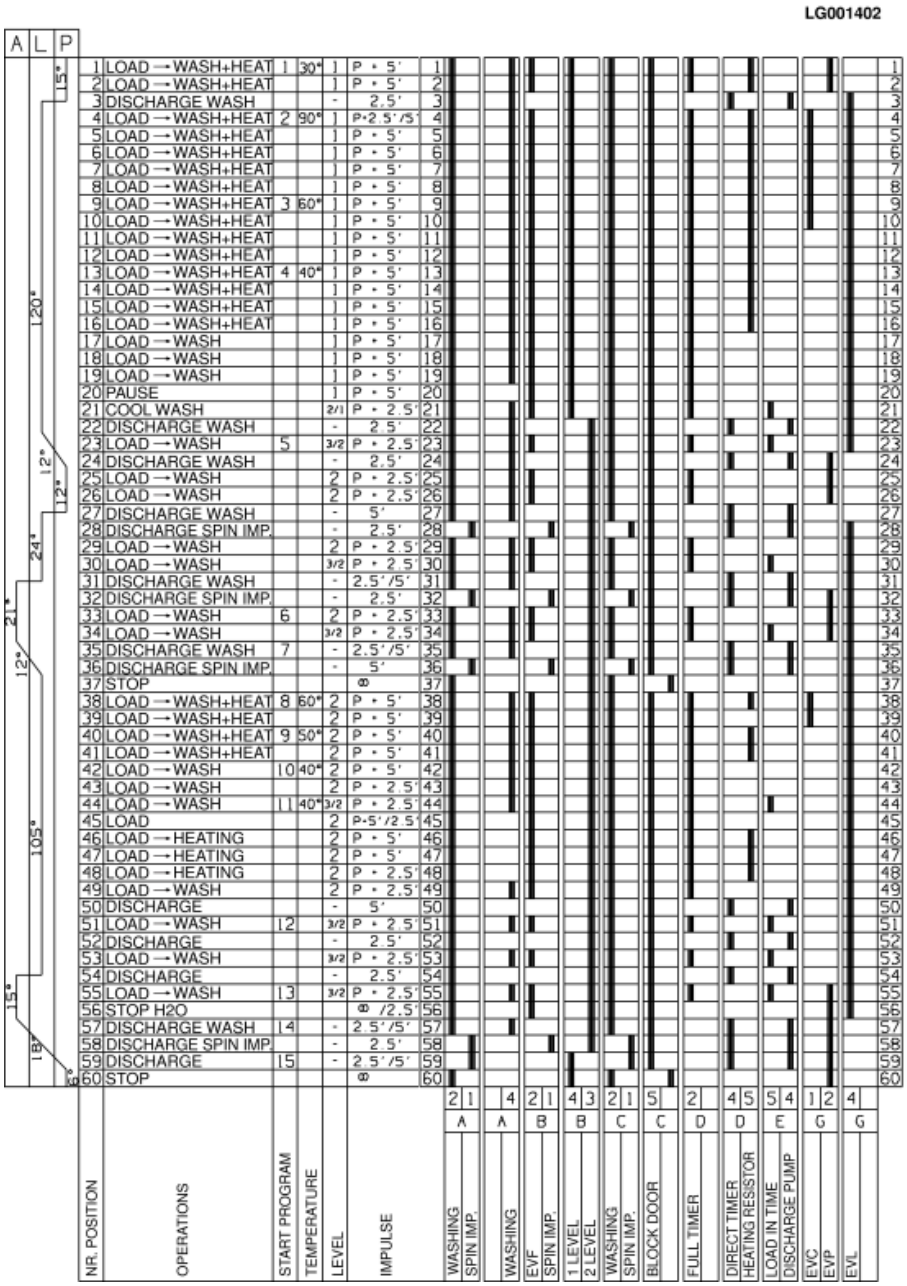
21500798100

Legend

Legend: 21500798100

Electric schemes and links

Cod. lg001400



Legend

Legend: lg001400

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