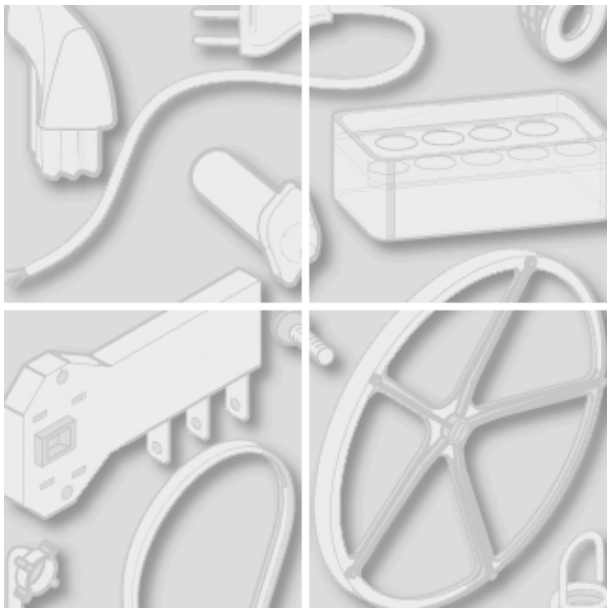
INDESIT company



Model type:
AXD120IT

Commercial code:
F027860

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

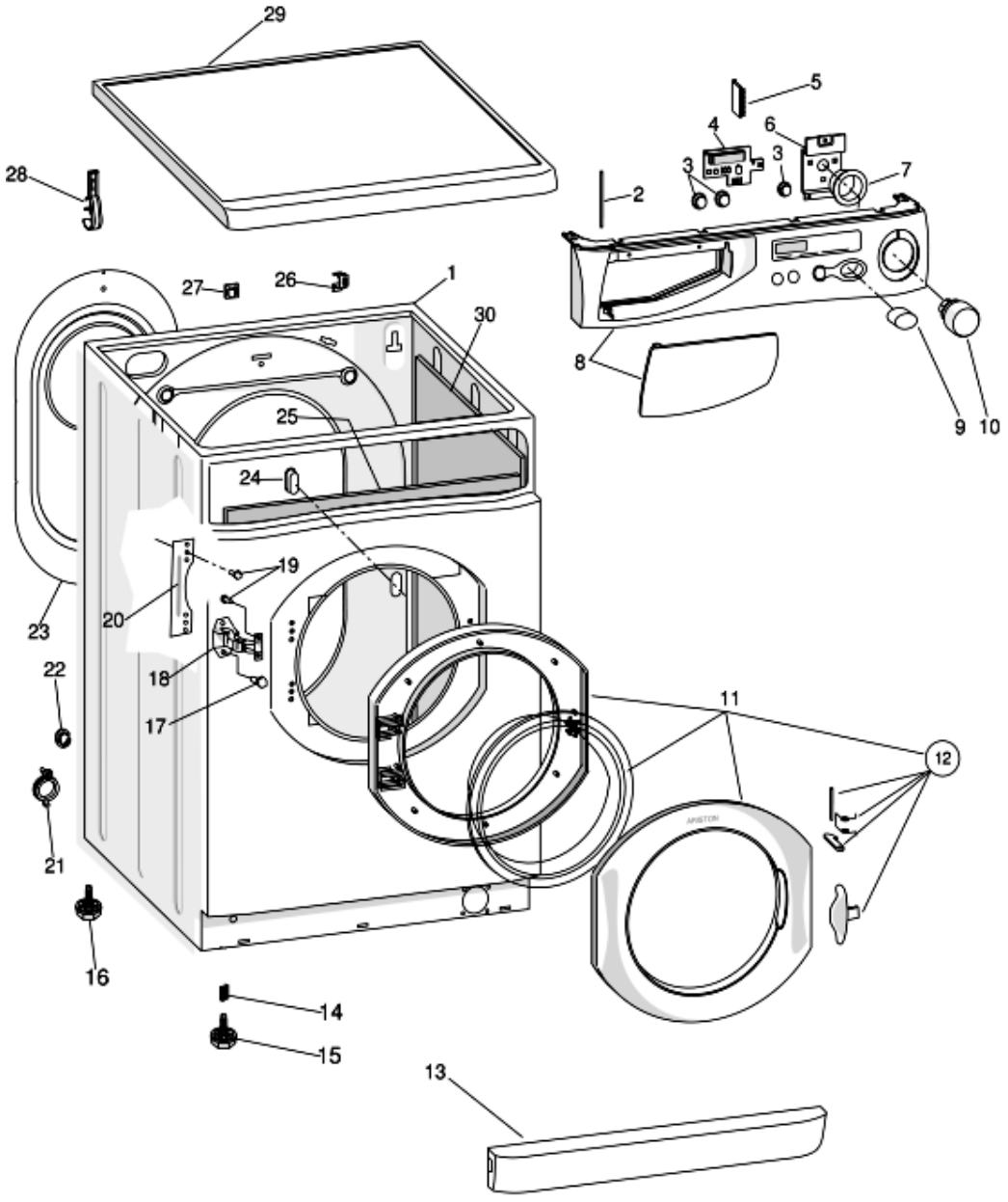
INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

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

1230120 Exploded views

20311.0001



1230120

1230120 Spare parts list

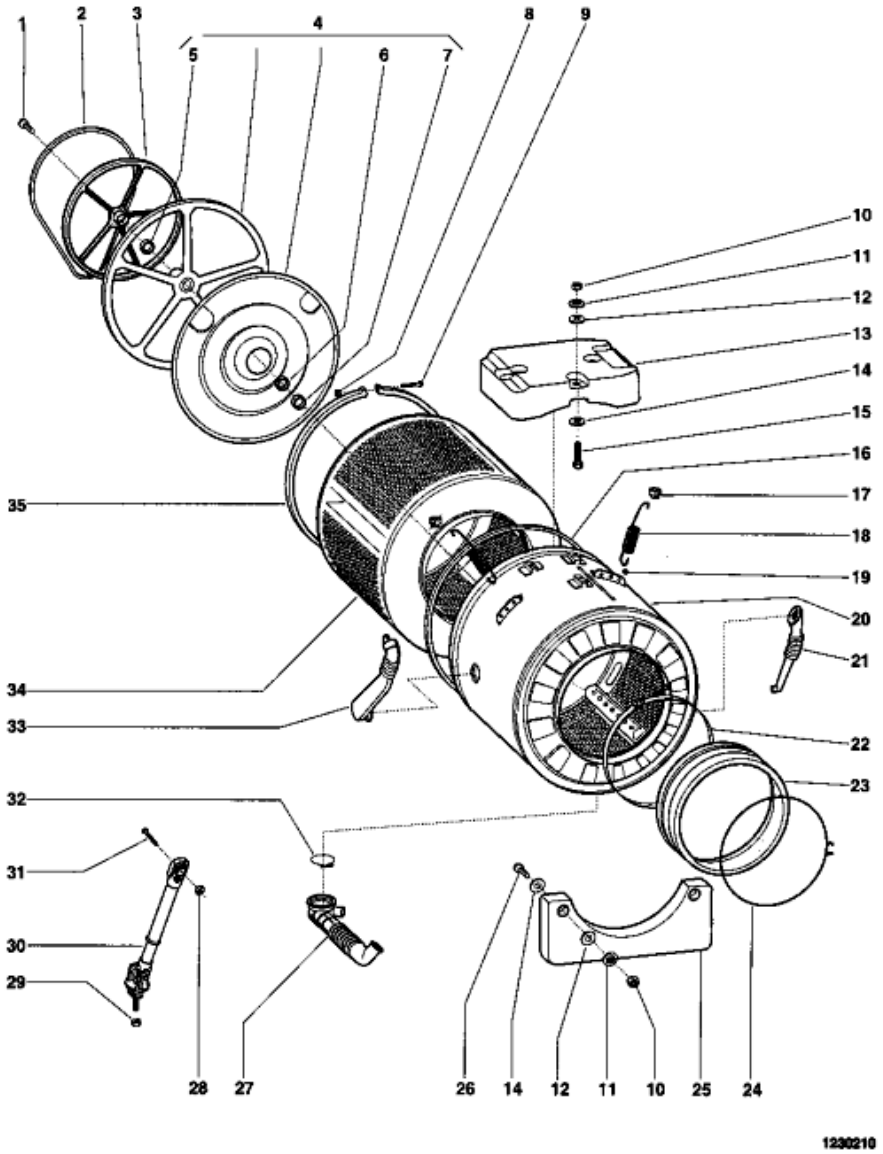
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00089014				user instructions bookl it-gb-f-e-ar		
000	C00089015				quick reference it		
000	C00090597				user instructions booklet sv-fi-dk-		
001	C00089483			1 x C00091742	white cabinet	n1040276	
001	C00091742				white27 cabinet	n1040285	
002	C00065186			1 x C00091882	pivot pin - drawer front 108.5x5		
003	C00087091				pushbutton white display right		
004	C00087092			1 x C00090832	display card	n1040280 n1040303	
004	C00090832				display card	n1040303	
005	C00090028				eeprom display axd120it sw		
006	C00087101				potentiometer support		
008	C00089010				control panel + handle		
009	C00064509			1 x C00117965	pushbutton white 0/i		
010	C00087088				wash timer knob white kit		
011	C00064540			1 x C00116623	door frame assy		
012	C00043668				door handle spring		
012	C00045244				door catch pivot pin giugiaro		
012	C00064543			1 x C00065250	door handle outer cover		
012	C00065250			1 x C00116580	door handle kit		
013	C00064505			1 x C00116552	plinth white		
014	C00059869				spring for foot d =11 mm h = 21		
015	C00081702				front foot		
016	C00081701				rear foot		
018	C00064541				outer door hinge assembly		
019	C00074149			1 x C00256725	bolt m4x9 tesrfr		
020	C00064539				hinge plate door		
021	C00046667				wiring stop		
022	C00046666				collar for drain hose		
023	C00081698			1 x C00116998	rear cover - white27		
024	C00084817				blanking plate-rear(test plug)		
026	C00064550				drain hose holder		
027	C00041575				adhesive hook		
028	C00046667				wiring stop		
029	C00088499				worktop - white		

1230120 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
030	C00084517			2 x C00194044	insulation mat - right - left		
030	C00084518				unsound matress sx		
030	C00084519			1 x C00143376	front unsound matress		
030	C00086371				unsound kit 1600 rpm		
099	C00065871				blanking plug		
099	C00077411				transit bolts kit (1 screw + 1		

1230210 Exploded views

Matr. 10418.0001



1230210 Spare parts list

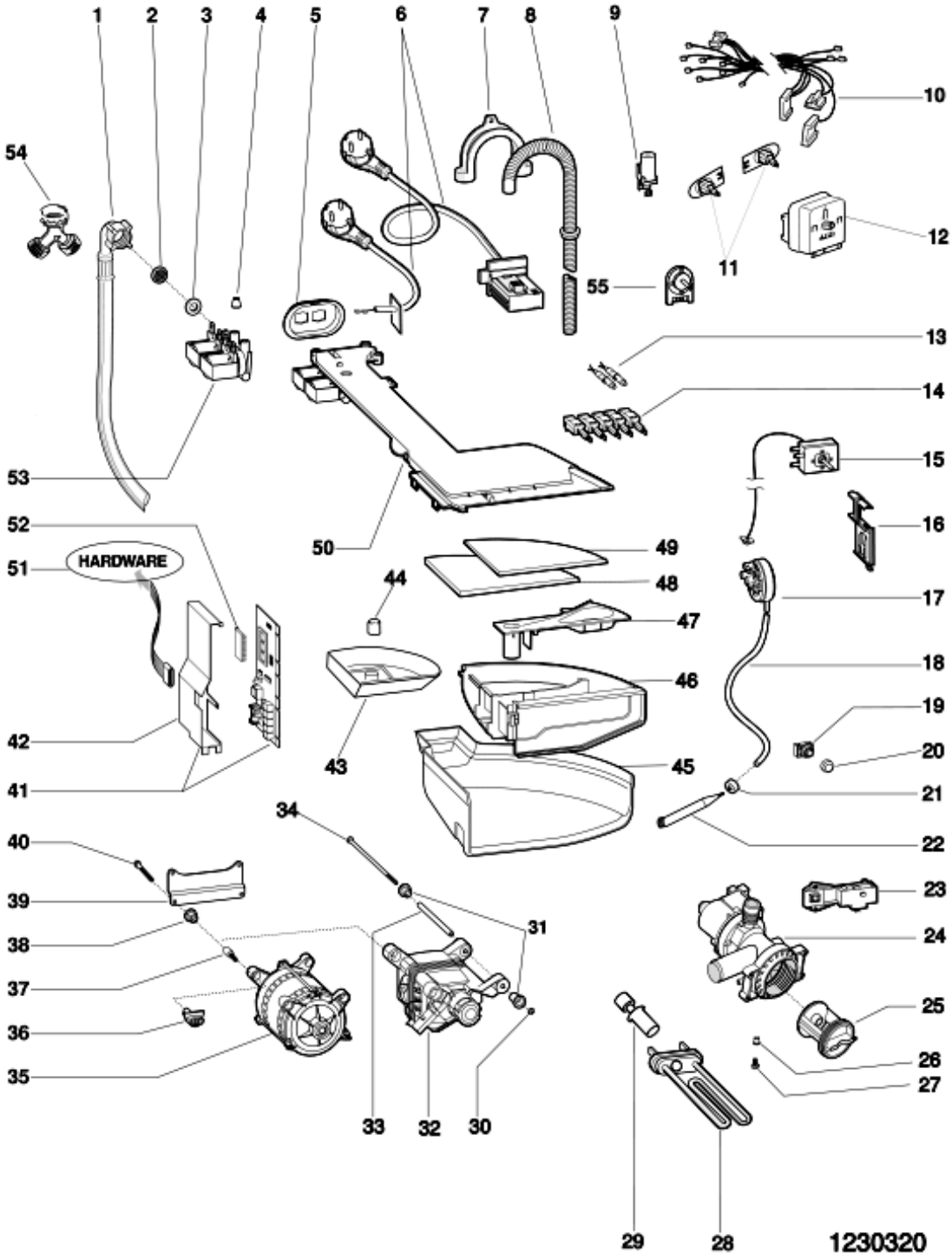
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00064786			1 x C00143260	bolt m8x23 torx tefl		
002	C00082812				belt 1061h8 (hl)		
003	C00084026			1 x C00066080	drum pulley d=210 mm h= 17mm		
004	C00088392			1 x C00143744	star wheel		
005	C00013563				bearing fits light/heavy spider 25		
006	C00002591				bearing 20x47x14		
007	C00035999				seal bearing		
008	C00055305				nut for clamping band tank front		
009	C00055304				bolt for clamping band tank front		
010	C00051526			1 x C00041610	self-locking nut	n1040270	
011	C00041605				conic washer	n1040270	
012	C00052723			1 x C00082598	wascher	n1040270	
013	C00082325				upper counterweight 13,5 kg		
014	C00041607				wascher nylon		
015	C00041609			1 x C00041605	screw m8x60	n1040270	
				1 x C00052788			
				1 x C00091062			
016	C00036066				tub cover gasket inox		
017	C00064515				anchorage pad - suspension		
018	C00082322				suspension spring - tank		
019	C00074041				spring ring		
020	C00088402			1 x C00095724	tub inox wm6kg ph	n1040298	
020	C00095724				tub inox wm6kg ph	n1040298	
021	C00081750				hose - detergent recovery		
022	C00036049			1 x C00090145	bellows clamp (over centre)		
023	C00081747				bellows seal		
024	C00064546				clamping ring - door seal front		
025	C00082326				front counterweight		
026	C00081725			1 x C00041605	screw m8x40	n1040270	
				1 x C00051581			
				1 x C00091062			
027	C00083293				hose-tank to pump		
028	C00030680			1 x C00040130	nut m 10		
029	C00065152				nut romob m6x22x1,5		
030	C00082327				shock absorber 100n-4pin	n1040285	

1230210 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
030	C00093649				shock absorber 100n-2pin 10mm	n1040285	
031	C00030446				bolt m10 x 45 zntr		
032	C00074054				binding		
033	C00064528				hose dispenser to tank	n1040298	
033	C00092161				hose dispenser to tank	n1040298	
034	C00083703				drum		
035	C00036065				clamping band tub front		
036	C00088403				motor support bracket		
099	C00080692			1 x C00081629	desc_ric_c00080692		
099	C00082598				kit package		

1230320 Exploded views

20313.0001



1230320 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00003070				mains inlet hose cold 25c 10bar		
003	C00005572				sealing washer-mains inlet hose		
004	C00064534				seal - dispenser to valve		
005	C00084840				electrovalve support 1 ev		
006	C00064563				supply cable 3x1 schuko 1,5 m	n1040276	
006	C00091633				supply cable 3x1 schuko		
007	C00019902				plastic -u- to make drain hose		
008	C00027466				drain hose - to sink l=1860mm		
009	C00082331			1 x C00064559	radio interference suppressor		
010	C00088502				wiring	n1040276	
012	C00087067			1 x C00143095	programme select bitron 16		
014	C00063971				on-off switch		
016	C00064537			1 x C00263210	support - pressure switch		
017	C00088393				pressure switch 1 l. +		
018	C00041785			1 x C00144077	air trap hose 540 mm.	n1040277	
018	C00051552				pipe pressostat	n1040277	
021	C00019755				anti-vibration bush (foam)	n1040277	
021	C00078221				tubetto spugn.40x5x30	n1040277	
022	C00053409				air trap		
023	C00085194				door interlock		
024	C00064950				self cleaning pump 240v./50hz.		
025	C00045023				filter handle		
025	C00045025				filter seal		
025	C00045027				pump filter kit		
026	C00074055				support bracket - heating element		
027	C00074056				screw m4 x 8		
028	C00088218				heating element		
029	C00083915				thermistor ntc		
030	C00040932				self locking nut m6		
035	C00082815				motor collet.ceset mca52-ph3	n1040258	
036	C00050187				fixing nut		
037	C00090124				motor bolt		
038	C00074151				rubber bush - motor mount		
039	C00081720				motor stanchion		
040	C00082723				screw 6x40		

1230320 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
041	C00089404			1 x C00093711	module (less eeprom) idc ew-ar-		
043	C00046152			1 x C00287239	additive container		
044	C00046157				stopper detergent container		
045	C00064529				dispenser body (hl)	n1040298	
045	C00092176				dispenser body	n1040298	
046	C00046148			1 x C00281253	soap dispenser drawer (rotary)		
047	C00046154				additive cover		
048	C00065733				support - programme guide tbc		
049	C00089009				reading desk it 14802373000		
050	C00090608				hopper cover 1e2u ariston 6kg		
052	C00090027				eeprom axd120it sw 28278600011		
053	C00091671				electrovalve 1e2u		

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.

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.

n1040270: Counterweight fixing for Brembate washing machines

From serial no. 21007.0001 the parts relevant to fixing the counterweights have been changed on all models produced at the Brembate factory, with the introduction of a new self-locking flanged nut.
The self-locking flanged nut code 091062 replaces nut code 051526, cup washer code 041605 and washer code 052723.
The screw M8X35 code 051581 replaces screw M8X40 code 081725.
The screw M8X55 code 052788 replaces screw M8X60 code 041609.

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.

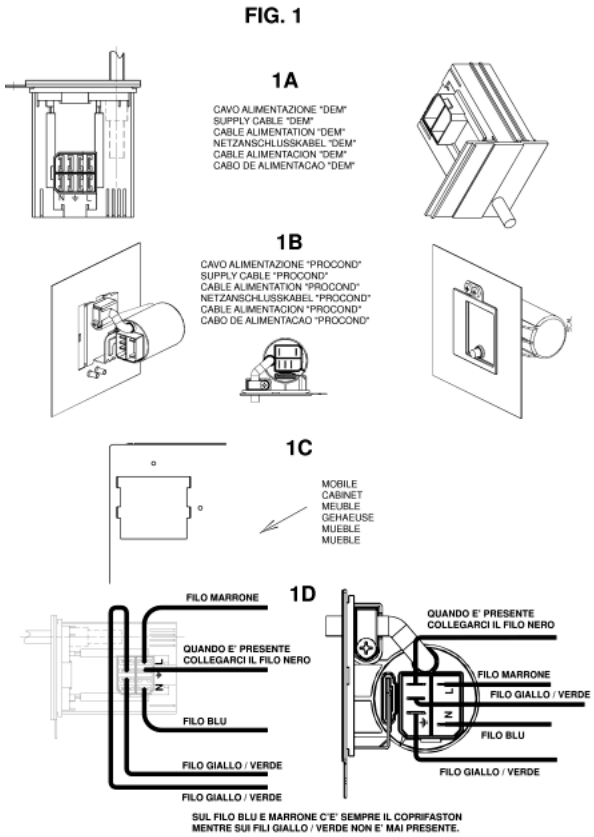
The new power supply cables are:
Code 091632 - Power supply cable 3x1 schuko 1.5m+capacitance filter;
Code 091633 - Power supply cable 3x1 schuko 1.5m+inductive filter;
Code 091634 - Power supply cable UK 3x1 l= 1950mm + inductive filter;
Code 091635 - Power supply cable UK 3x1 l=1950mm+capacitance filter;
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**

n1040277: Modification of pressure switch protection and tube



From serial no. 21104.0001, all washing machine models produced in the Brembate factory and relevant to this note have been equipped with a new pressure switch tube 041785 replacing 051552, a new pressure switch tube protection 019755 replacing 078221 and two plastic clamps replacing terminals 051541.
premodification parts will be managed until stocks run out and are interchangeable with the new ones only if used altogether.

n1040280: New display card on ALD models.

From serial no. 20910.0001, the following models have a new display card SAT code 090832 which differs from the previous card in the software.

ALD100IT
ALD120IT
ALD100EX
ALDS100EX
ALDS120EX
ALD140BE
ALD160EU
ALD100TK
MLSE12X
ALDS100IT
ALDS105FR
AIB12UK
AIB16UK

ALDS80EX
ALD80EX
ALD120TK
ALD120EX
ALD140EX
ALD120BE
MLE12X
AIB14UK
AIX120IT

The new card can be used in place of the premodification item code 087092, but not vice versa.
EEPROMs remain the same and therefore those already given in the documentation of the model concerned must be used.

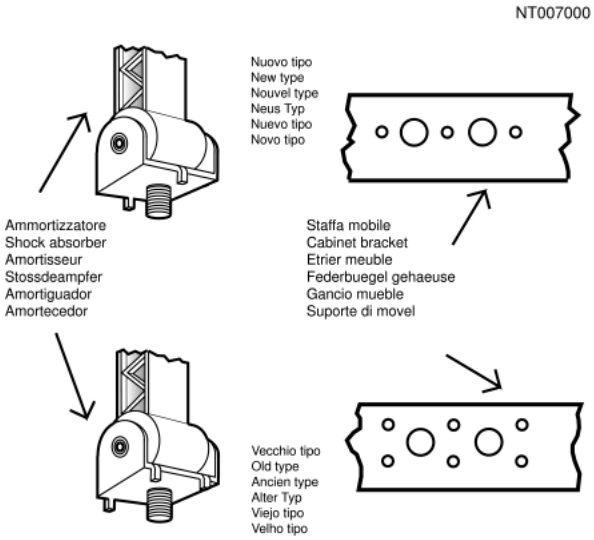
n1040285: Modified shock absorber bracket - Brembate plant

From the registration no. 30127.0001, the washing machines and Washer-Dryers produced in the Brembate factory Plant, have used modified shock absorbers with the bracket that fixes onto the cabinet.
The codes for the new shock absorbers are:
Code 093648 - Shock absorber 120N-2PIN;
Code 093649 - Shock absorber 100N-2PIN;
The modification also involved the cabinets in the fixing area that for the shock absorbers represent a different type of slotting (see enclosed figure).
To avoid the proliferation of the codes, the modified cabinets are handled with the same SAT code as the pre-modification, when replacing the cabinet you will need to check the registration number of the appliance.
In order to perform a proper task the intervention of the cabinet replacement it is recommended, that at least in the initial phase, to keep both the combination of shock absorbers in stock. The shock absorbers code 081705 (120N-4PIN) and 082327 (100N-4PIN) will continue to be normally handled.
The codes for the new cabinets are: 092794 – 091748 – 091758 – 091742 – 091756 – 091754 – 091749 – 091752 – 090931 – 090187 – 089649 – 083287.

n1040298: Modification of s/steel tubs - dispensers - detergent loading tubes on Brembate

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From serial number 30609.0001, all washing machines produced in the Brembate factory and affected by this note have been equipped with the new EVO2 detergent loading tube; the modification has also involved the tub (the detergent loading tube hole has been shifted forward) and dispenser.
The Sat codes of the new parts and the premodification items are given below:
DETERGENT LOADING TUBE (two instead of three):
-new 092161, premodification 064528;
-new 092273, premodification 080654;
-new 092161, premodification 074136;
DISPENSERS:
-for linear detergent drawer: new 092314, premodification 075351;



-for rotating detergent rotary drawer: new 092176, premodification 064529;
TUBS:
-new 095717, premodification 090589;
-new 095718, premodification 090934;
-new 095720, premodification 090206;
-new 095721, premodification 090321;
-new 095722, premodification 091050;
-new 095723, premodification 090588;
-new 095724, premodification 088402.
Regarding the detergent loading tubes and dispensers, the new and premodification parts will continue to be used.
The premodification tubs will be managed until stocks run out, after which, when a tub needs replacing on appliances prior to serial number 30609.0001, the new tub plus the new detergent loading tube and new dispenser must be used (refer to the replacement parts list for the relevant model).

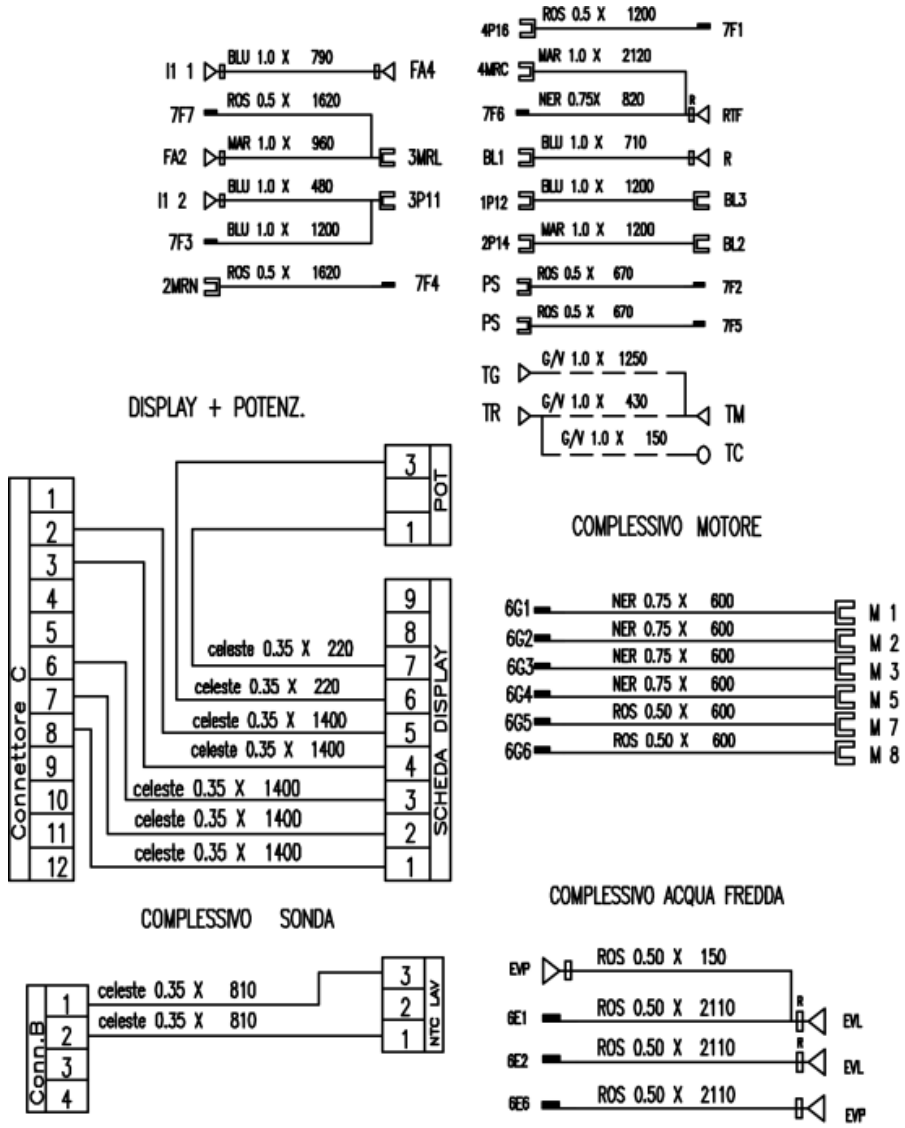
n1040303: Reduction of display Sat codes.

In order to improve quality and reduce the types of display cards used:

SAT codes 087092 and 087062 will be available until stocks run out, after which they will be replaced by ESI with SAT code 090832. When the new item is used in place of 087092, make sure it is used on appliances after serial no. 20408.0001, otherwise, it will also be necessary to replace the power module with code 084331.

Electric schemes and links

Cod. 16001495500



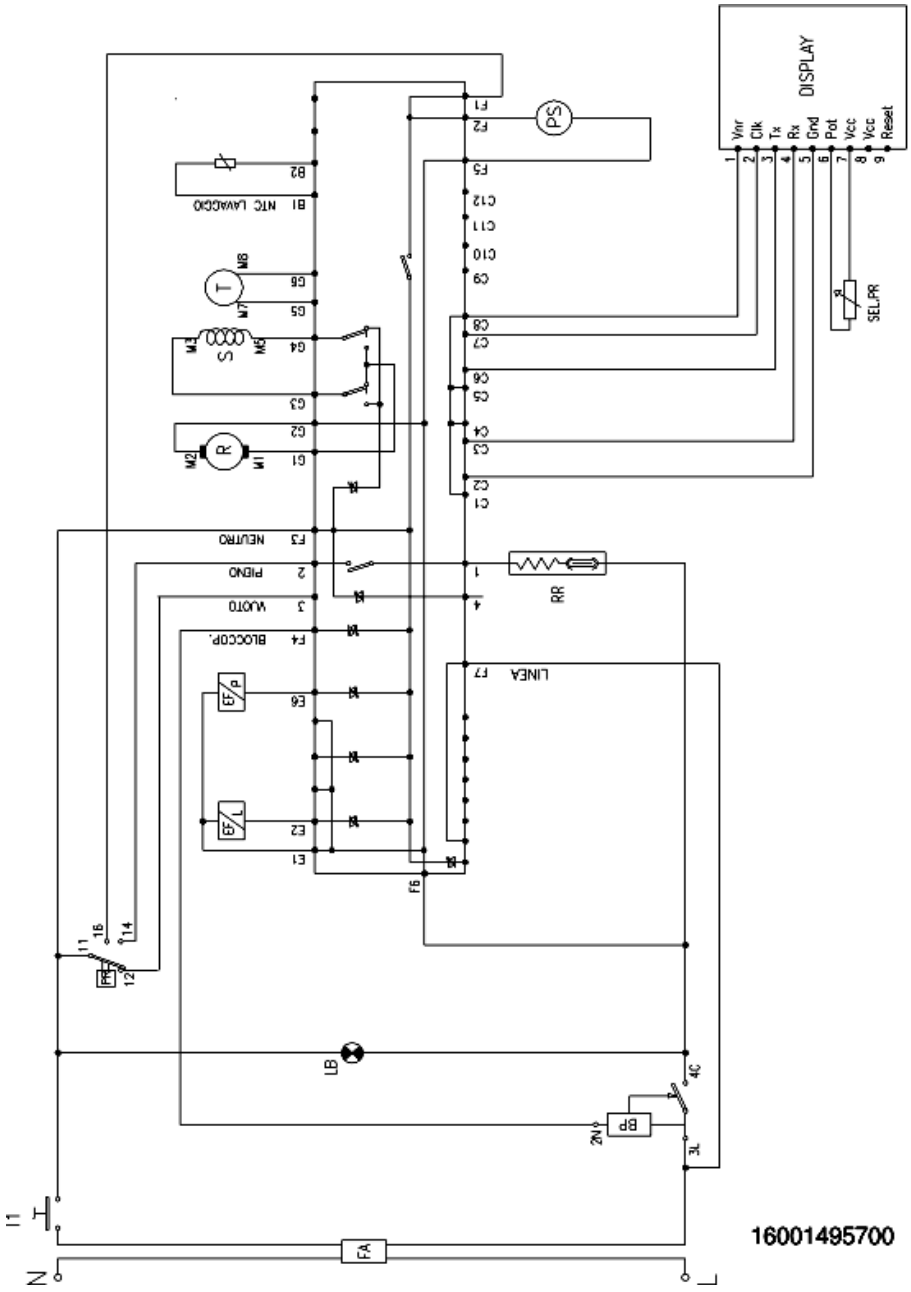
16001495500

Legend

Legend: 16001495500

Electric schemes and links

Cod. 16001495700



Legend

Legend: 16001495700

Electric schemes and links

Cod. 28278600011



Legend

Legend: 28278600011