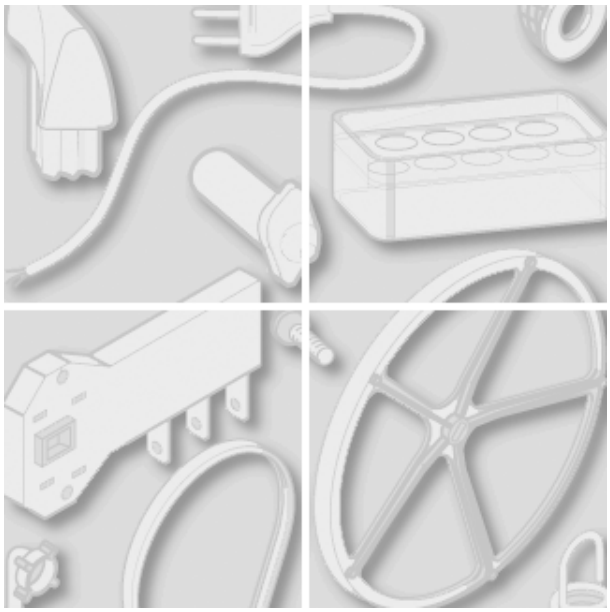
INDESIT company



Model type:
WAX80EX

Commercial code:
F028415

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:

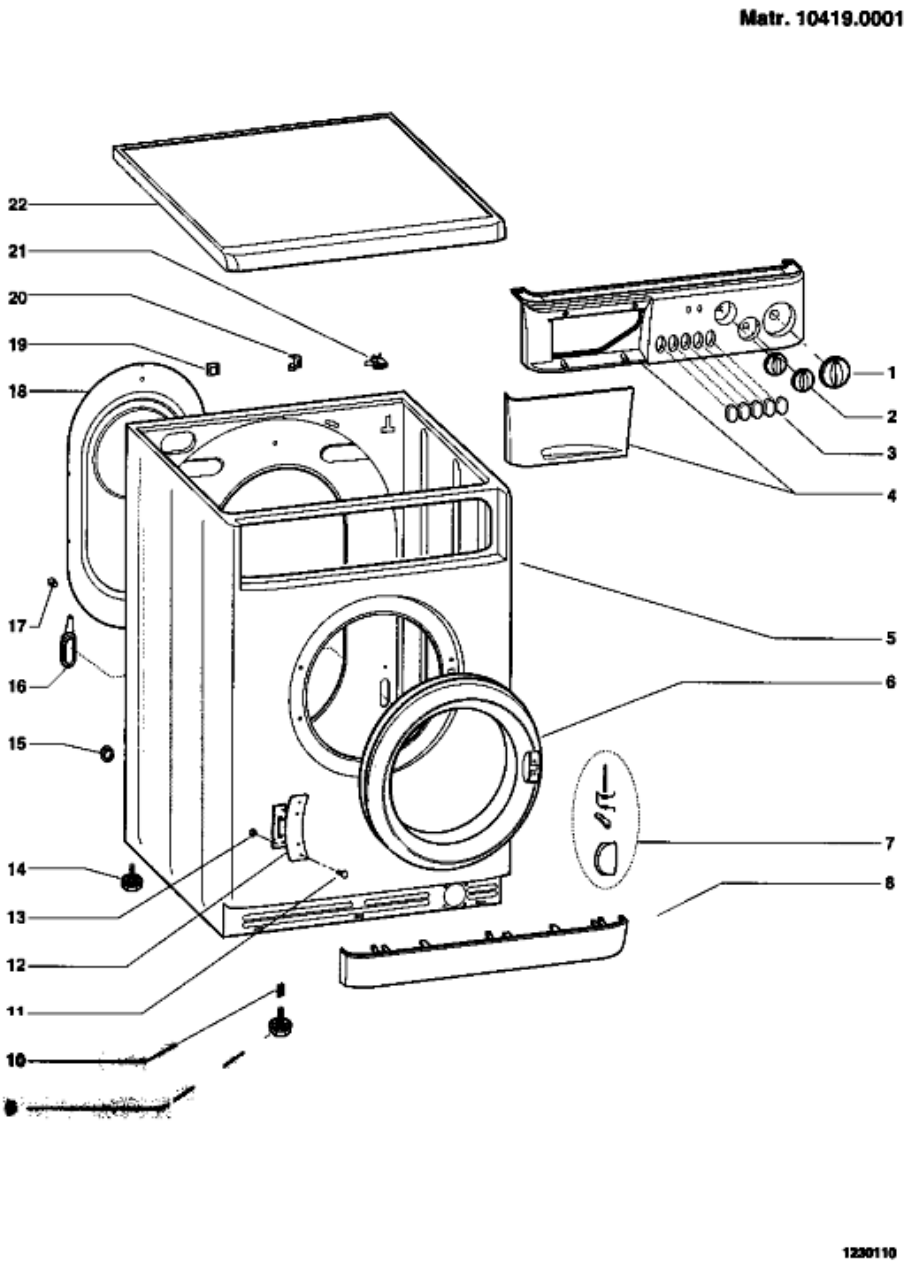
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

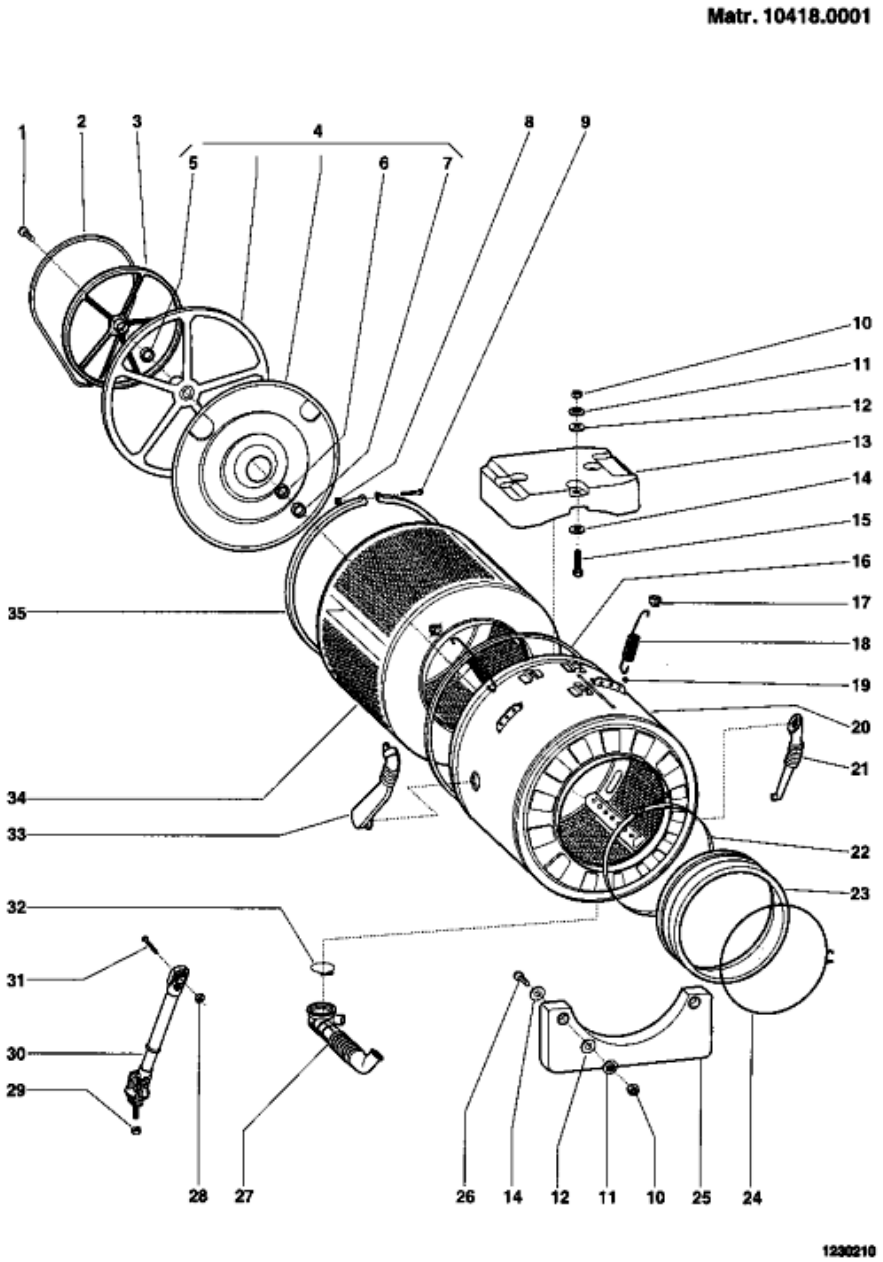
1230110 Exploded views



1230110 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00093284				instruction book gb-f-e-gr-ar		
001	C00075319				wash timer knob white		
002	C00075318				control knob - white		
003	C00075317				push button white		
004	C00093286				control panel + handle		
005	C00091758				white27 cabinet	n1040285 n1040308	
005	C00097793				white27 cabinet	n1040308	
006	C00075320				door frame assy		
007	C00075323				door handle kit		
008	C00075324				plinth white		
009	C00081702				front foot		
010	C00059869				spring for foot d =11 mm h = 21		
011	C00019846				civata t 1/2 t m4x12		
012	C00075325			2 x C00096210 1 x C00255430	hinge door 3.5 mm indesit		
013	C00002497				nut m4x3,2x7		
014	C00081701				rear foot		
015	C00046666				collar for drain hose		
015	C00089419				blanking plug 6.5 mm		
016	C00084817				blanking plate-rear(test plug)		
018	C00081698			1 x C00116998	rear cover - white27		
019	C00041575				adhesive hook		
020	C00064550				drain hose holder		
022	C00083290				top white 6kg	n1040308	
022	C00097794			1 x C00118505	top - white27 indesit big	n1040308	
099	C00046667				wiring stop		
099	C00082598				kit package	n1040308	
099	C00094777			1 x C00145769	kit lock tub l=105 evo2	n1040308	

1230210 Exploded views



1230210 Spare parts list

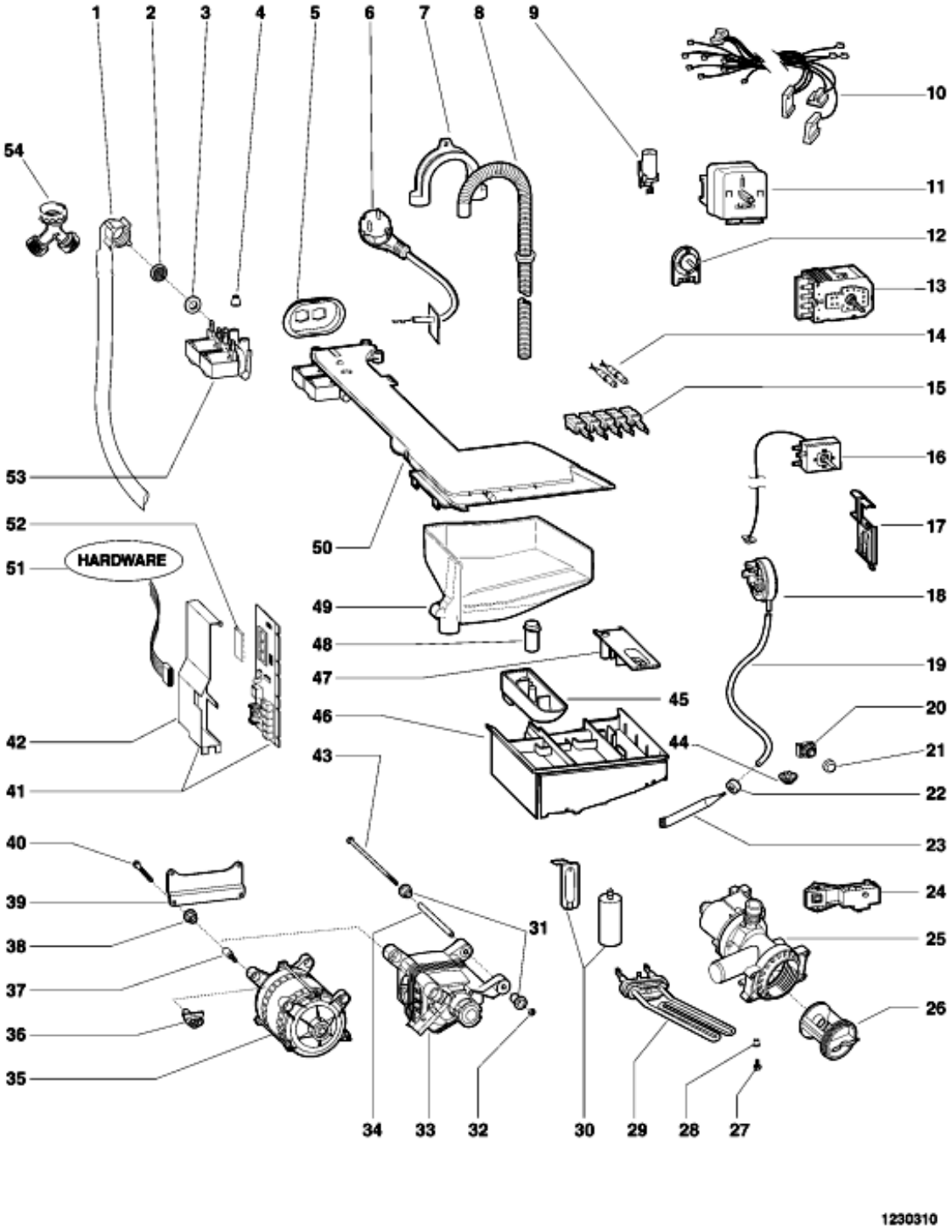
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00091063				bolt torx m8x23 eslok		
002	C00082812				belt 1061h8 (hl)		
003	C00084026			1 x C00066080	drum pulley d=210 mm h= 17mm		
004	C00088392			1 x C00143744	star wheel		
005	C00013563				bearing fits light/heavy spider 25		
006	C00002591				bearing 20x47x14		
007	C00035999				seal bearing		
008	C00055305				nut for clamping band tank front		
009	C00055304				bolt for clamping band tank front		
010	C00091062				self blocking nut ph		
013	C00082325				upper counterweight 13,5 kg		
014	C00041607				wascher nylon		
015	C00052788				screw m8x55 ph		
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 n1040310	
021	C00081750				hose - detergent recovery		
022	C00090145				bellows clamp (over centre)		
023	C00081747				bellows seal		
024	C00064546				clamping ring - door seal front		
025	C00082326				front counterweight		
026	C00051581				bolt m8x35 ph		
027	C00083293				hose-tank to pump		
028	C00030680			1 x C00040130	nut m 10	n1040310	
028	C00098723				nut m 8	n1040310	
029	C00065152				nut romob m6x22x1,5		
030	C00082327				shock absorber 100n-4pin	n1040285	
030	C00093649				shock absorber 100n-2pin 10mm	n1040285 n1040310	
030	C00098722				shock absorber 100n-2pin 8mm	n1040310	
031	C00030446				bolt m10 x 45 zntr	n1040310	

1230210 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
031	C00098724				bolt m8 x 45 zntr	n1040310	
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	n1040310	
099	C00074054				binding		
099	C00086579			1 x C00086582	hose clamp		

1230310 Exploded views

Matr. 10419.0002



1230310 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00003070				mains inlet hose cold 25c 10bar		
001	C00009415			1 x C00144176	mains inlet hose hot 1500mm		
003	C00005572				sealing washer-mains inlet hose		
005	C00066514				electrovalve support 2 ev		
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	C00093287				wiring 3m+4t idc		
011	C00083916				programme selector (idc elbi) (hl)		
012	C00085195			1 x C00143096	potentiometer 8 pos. idc rast 2,5		
014	C00084763				pilot light red 12 v idc rast 2.5		
014	C00089024				pilot light red 230v ra2,5		
015	C00063971				on-off switch		
015	C00088394				push button switch na idc		
017	C00064537			1 x C00263210	support - pressure switch		
018	C00088393				pressure switch 1 l. +		
019	C00041785			1 x C00144077	air trap hose 540 mm.	n1040277	
019	C00051552				pipe pressostat	n1040277	
022	C00019755				anti-vibration bush (foam)	n1040277	
022	C00078221				tubetto spugn.40x5x30	n1040277	
023	C00053409				air trap		
024	C00085194				door interlock		
025	C00064950				self cleaning pump 240v./50hz.		
026	C00045023				filter handle		
026	C00045025				filter seal		
026	C00045027				pump filter kit		
027	C00074056				screw m4 x 8		
028	C00074055				support bracket - heating element		
029	C00088218				heating element		
032	C00040932				self locking nut m6		
033	C00082815				motor collet.ceset mca52-ph3	n1040258	
036	C00050187				fixing nut		
037	C00090124				motor bolt		
038	C00074151				rubber bush - motor mount		

1230310 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
038	C00104675				motor rubber bush		
039	C00081720				motor stanchion		
040	C00041611				screw 8x15		
040	C00082723				screw 6x40		
041	C00084838			1 x C00093157	universal module (less eeprom)		
045	C00075459				additive container		
046	C00075352			1 x C00097732	soap dispenser drawer		
047	C00047069			1 x C00097834	additive cover		
048	C00046157				stopper detergent container		
049	C00075351			1 x C00097732 1 x C00097835	dispenser body	n1040298	
049	C00092314				dispenser body	n1040298	
050	C00083995				hopper cover 2e3u big	n1040308	
050	C00097795				hopper cover 2e3u big	n1040308	
052	C00093279				eeprom wax80ex sw 28284150010		
053	C00064534				seal - dispenser to valve		
053	C00066517				solenoid valve hot 1 way 5.5 lt		
053	C00066518				solenoid valve 2 way		
054	C00009416				y junction (water inlet fork)		
055	C00083915				thermistor ntc		
099	C00027230			1 x C00027231	screw		
099	C00051541				binding		
099	C00061958				binding d=32,7		

Notices

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.

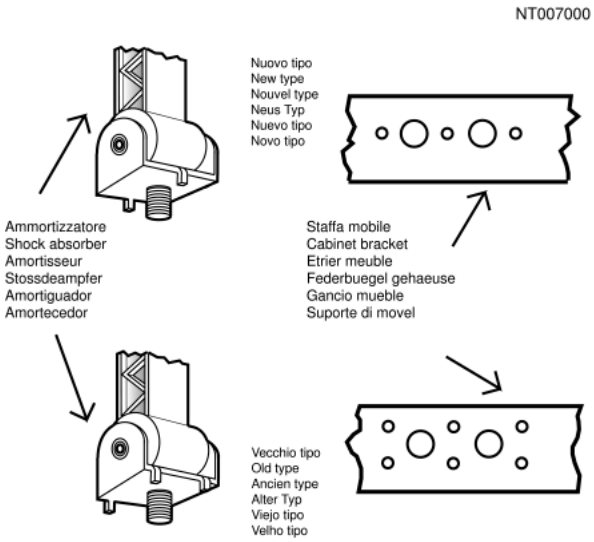
n1040277: Modification of pressure switch protection and tube

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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.

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).

n1040308: Reduction of cabinet depth on 6kg EVOI washing machines produced at Brembate

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From serial no. 30915.0001, all 6 kg washing machines affected by this note have been modified due to the reduction in cabinet depth.
The modified models have a new industrial code.
The parts affected by the modification are: cabinet, packing kit, top, product dispenser lid (including solenoid valve) and cabinet base plate (for USA models).
Regarding the packing kit, top, product dispenser lid and cabinet base plate, the Replacements Warehouse will continue to manage premodification and new parts.
The premodification cabinets will be managed while stocks last, after which, in case of cabinet replacement the new cabinet, top, product dispenser and cabinet base plate (USA models only) must be used, referring to the spare parts list for the relevant model.
Given below is a list of models affected by the modification with relevant new and premodification parts:

WAX120UK (industrial codes: new 91282540002, premodification 91282540001);
Cabinet: premodification 091758, new 097793;
Packing kit: premodification 095741, new 094777;
Top: premodification 083290, new 097794;
Product dispenser lid: premodification 083995, new 097795.

WAX100EX (industrial codes: new 91294680001, premodification 91294680000);
Cabinet: premodification 091758, new 097793;
Packing kit: premodification 082598, new 098182;
Top: premodification 083290, new 097794;
Product dispenser lid: premodification 083995, new 097795.

WAX80EX (industrial codes: new 91284150001, premodification 91284150000);
Cabinet: premodification 091758, new 097793;
Packing kit: premodification 082598, new 098182;
Top: premodification 083290, new 097794;
Product dispenser lid: premodification 083995, new 097795.

EZ1612VUSA (industrial codes: new 91281230001, premodification 91281230000);
Cabinet: premodification 090187, new 098181;
Cabinet base plate: premodification 091056, new 098183;
Packing kit: premodification 082598, new 098182;
Top assembly + plate: premodification 091201, new 098184;
Product dispenser lid: premodification 090211, new 098185.

WD2100USA (industrial codes: new 91280180101, premodification 91280180100);
Cabinet: premodification 090187, new 098181;
Cabinet base plate: premodification 091056, new 098183;
Packing kit: premodification 082598, new 098182;

Top assembly + plate: premodification 091201, new 098184;
Product dispenser lid: premodification 090211, new 098185.

EZ3612CEEUSA (industrial codes: new 91280710101, premodification 91280710100);
Cabinet: premodification 083287, new 098186;
Cabinet base plate: premodification 091056, new 098183;
Packing kit: premodification 082598, new 098182;
Top assembly + plate: premodification 091201, new 098184;
Product dispenser lid: premodification 090325, new 098187.

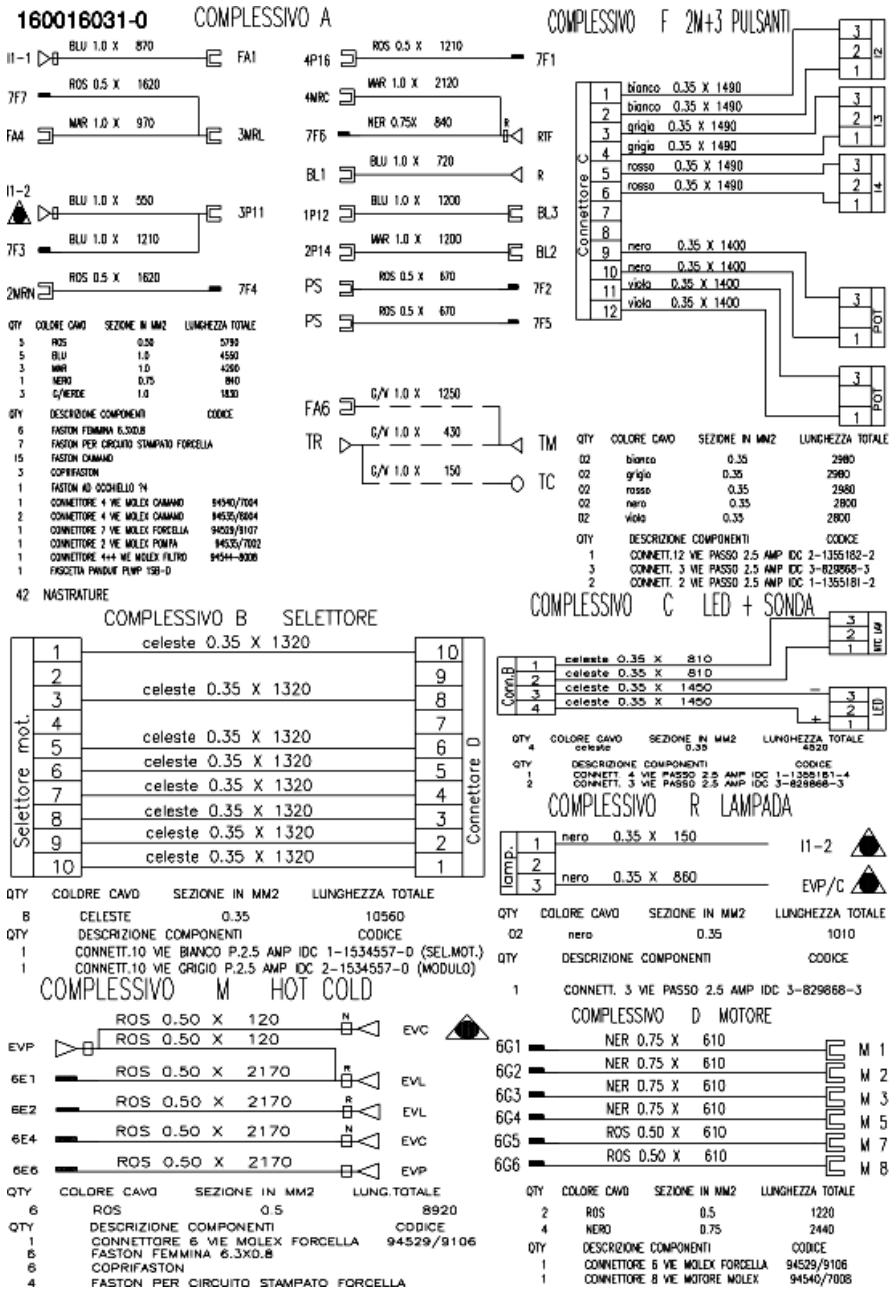
WDC6200CEEUSA (industrial codes: new 91280190001, premodification 91280190000);
Cabinet: premodification 083287, new 098186;
Cabinet base plate: premodification 091056, new 098183;
Packing kit: premodification 082598, new 098182;
Top assembly + plate: premodification 091201, new 098184;
Product dispenser lid: premodification 090325, new 098187.

n1040310: Dampers with 8 mm fixing hole on machines produced in the Brembate factory.

From serial no. 31120.0001, dampers have been fixed to the bowl with an 8 mm diameter screw (code 098724) in place of the 10 mm screw (code 030446) and relevant locking nut code 098723 in place of code 030680, on front-load washing machines produced in the Brembate factory.
The spare part codes of the new dampers with 8 mm fixing hole are:
098721 (120N);
098722 (100N);
Premodification items with 10 mm hole spare part codes 093648 (120N) and 093649 (100N) will continue to be available.
The diameter of the damper fixing holes has been reduced on the motor/damper brackets (088403-090586) and s/steel bowls (095723-095724-095718-095717-095720-095721-095722) maintaining the same spare part code; the holes must be widened if necessary.

Electric schemes and links

Cod. 160016031-0



Legend

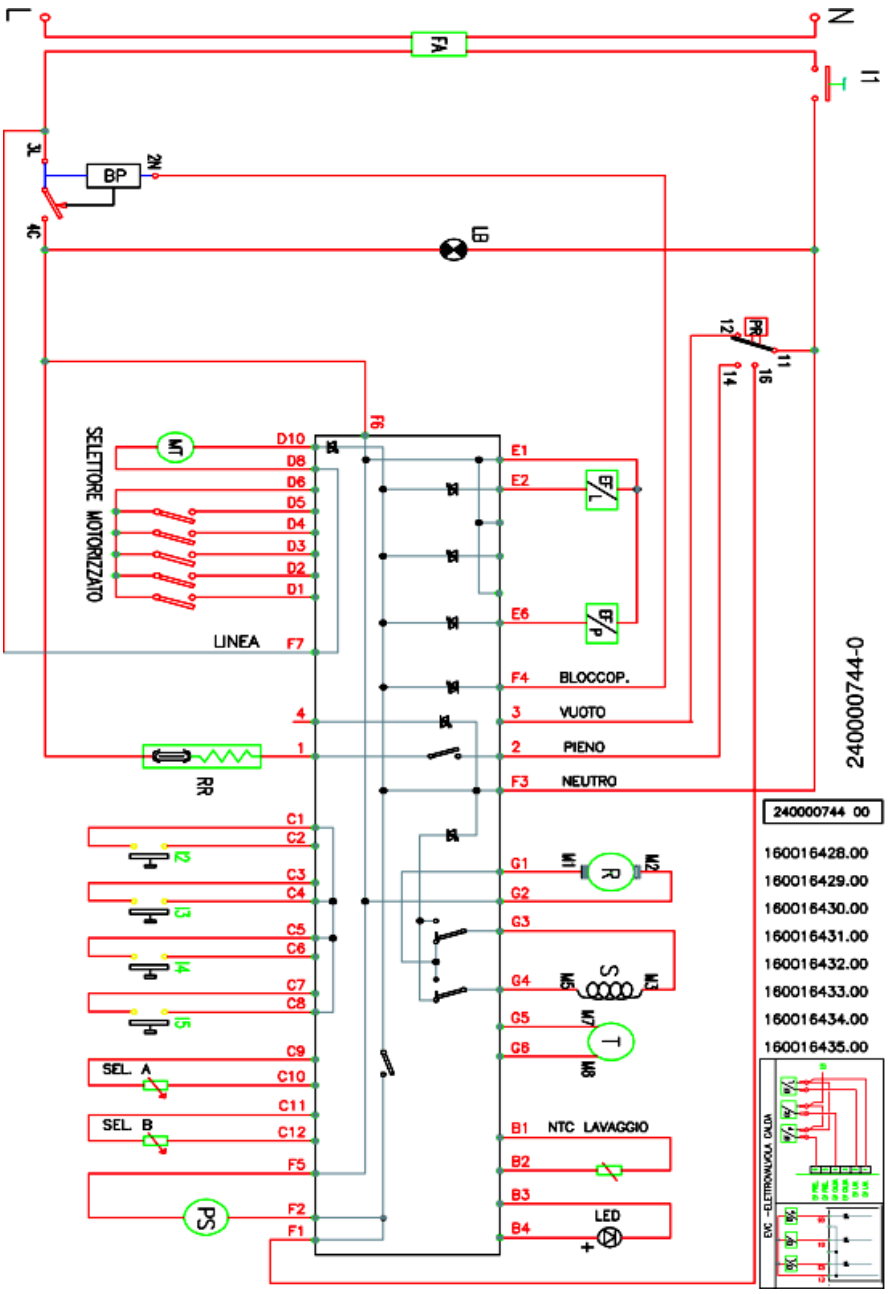
Legend: 160016031-0

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

Cod. 240000744-0



Legend

Legend: 240000744-0

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

Cod. 28284150010



Legend

Legend: 28284150010

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