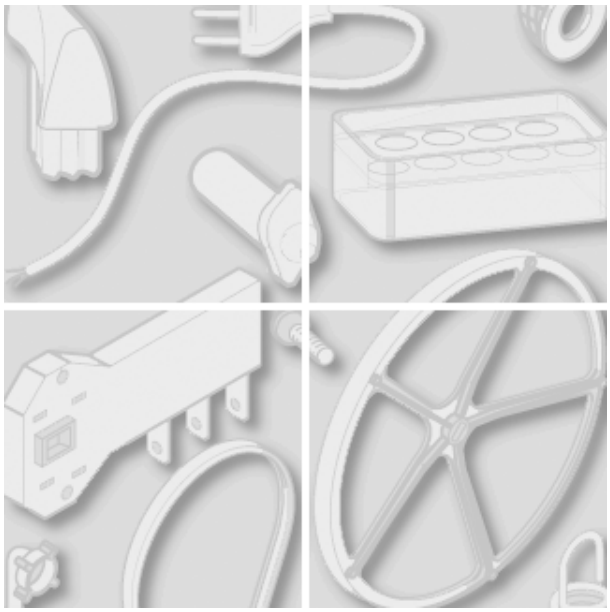
INDESIT company



Model type:
LS248TEU

Commercial code:
F028178

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:

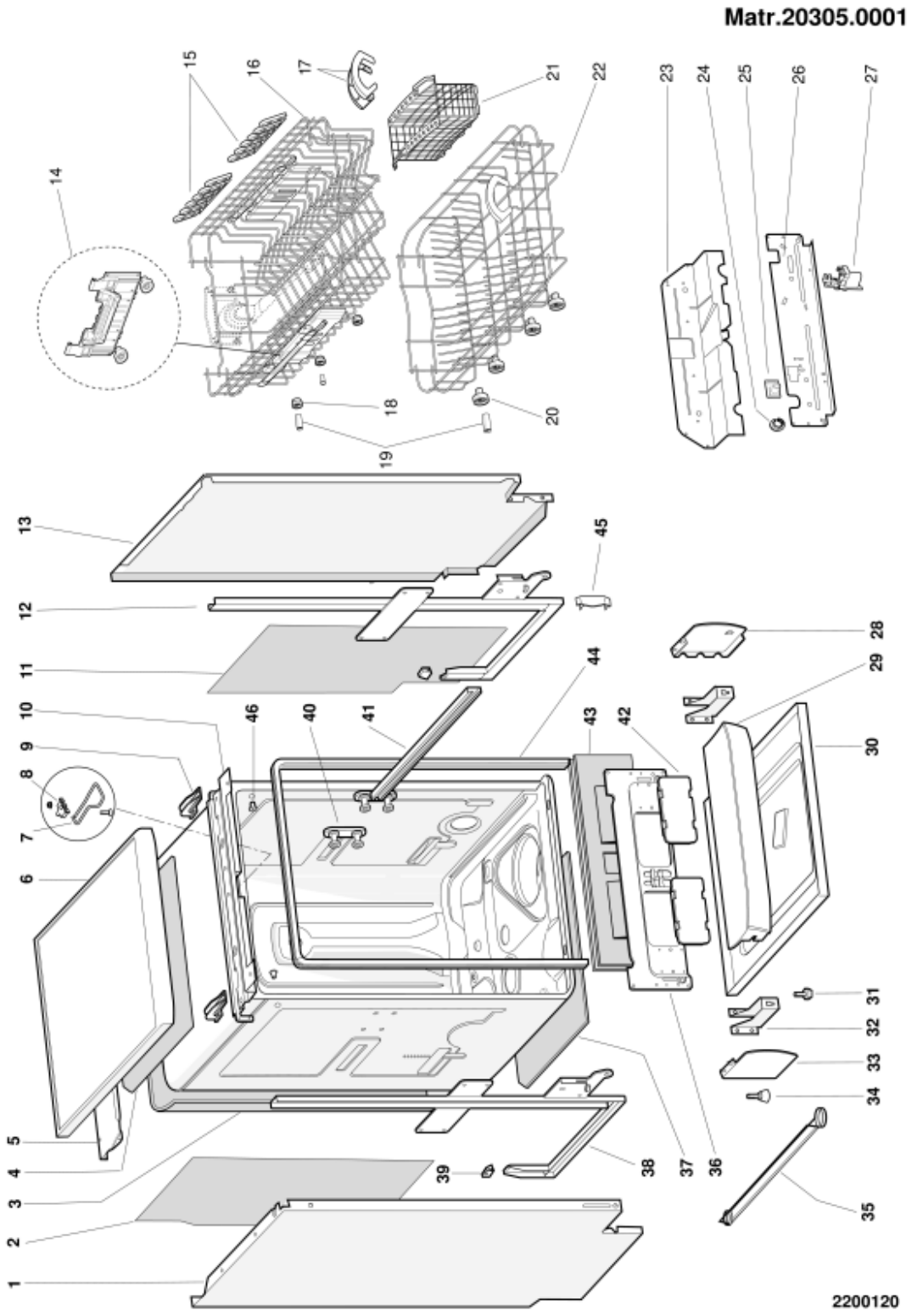
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

2200120 Exploded views



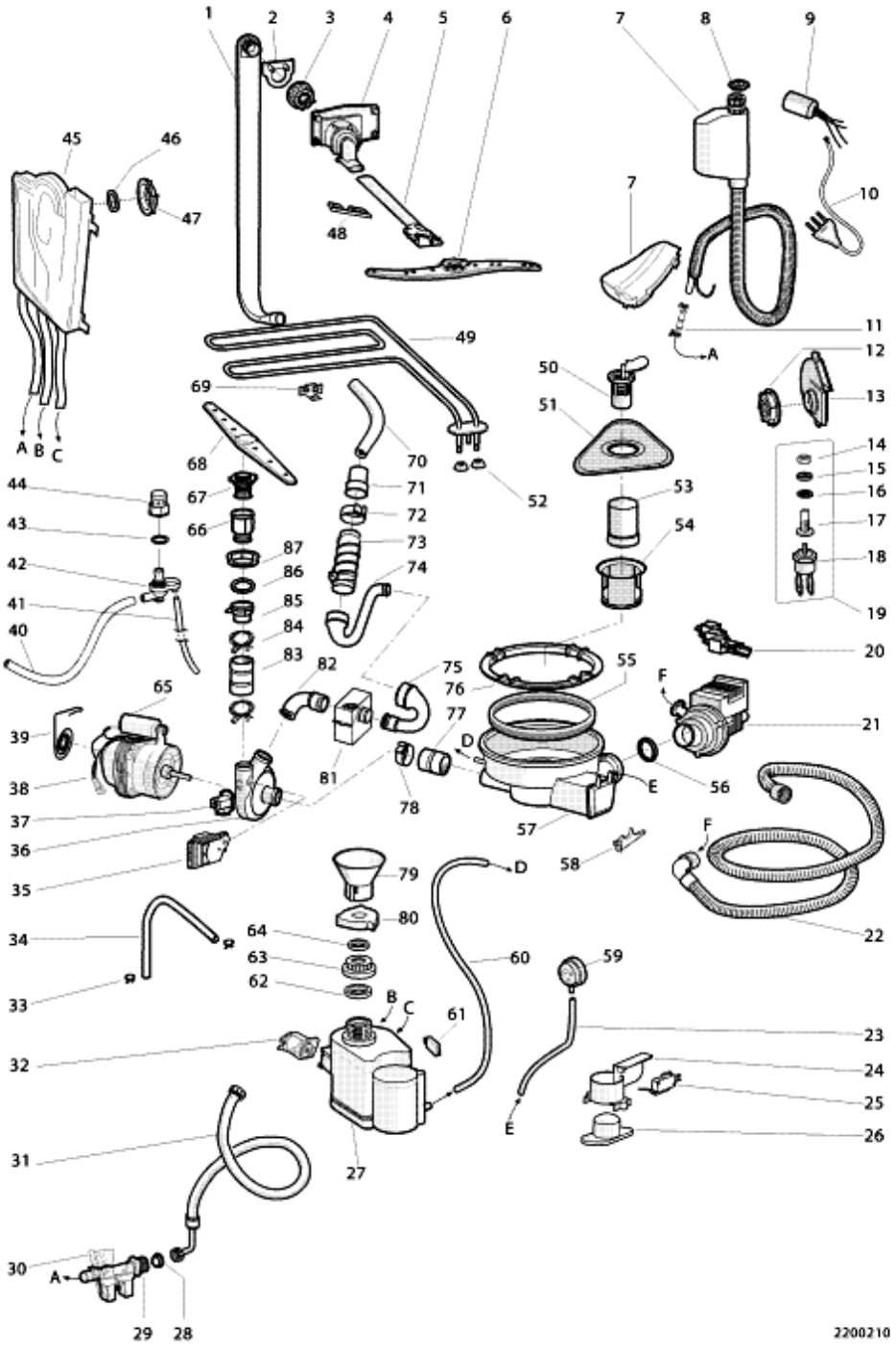
2200120 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00090800				user instructions booklet		
001	C00092823			1 x C00092833	left side panel lh white27		
001	C00092864				edge cover left white		
002	C00076387				soundproofing lh		
005	C00063750				rear support - top		
006	C00064670			1 x C00142983	cover (frame white 27) 45cm		
007	C00085024			1 x C00037135	catch plate (cabinet)		
				1 x C00297907			
				1 x C00297909			
				1 x C00297910			
009	C00057504				hook - top cover retention		
010	C00082167				adjustment assembly for		
011	C00076388				soundproofing lateral dx		
012	C00083623				side support - front rh		
013	C00092824			1 x C00092833	right side panel white27		
013	C00092863				edge cover right white		
014	C00074844				set door handle		
015	C00056438				flap upper basket 'ariston'		
016	C00090255				upper basket assembly adjustable		
019	C00104638				basket roller axis		
020	C00056347				lower basket wheel		
021	C00063841				cutlery basket		
022	C00065158			1 x C00110468	lower basket		
022	C00091695				settore reclinabile cesto inferiore		
023	C00063747			1 x C00093692	rear support - middle		
024	C00054830				drain hose fastener		
026	C00087148				lower rear support		
027	C00076659			1 x C00143383	radio interference suppressor		
028	C00054838				base moulding cover plate rhs		
029	C00064668			1 x C00142903	plinth panel white27		
030	C00063809			1 x C00063742	tray kit 45cm	n1045062	
030	C00092558				tray on bottom of tub 45cm		
031	C00104611				adjustable foot - all plastic		
032	C00056010				foot support x		
033	C00054837			1 x C00142905	base moulding cover plate lhs		

2200120 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
034	C00066632				fixing nut		
034	C00092555				foot 155mm	N1045072	
034	C00143584				adjustable front foot + screw nut	n1045062	
036	C00092785			1 x C00142132	front support lower 45cm		
038	C00083624				side support - front lh		
039	C00066629				post piece		
040	C00083570			1 x C00054836	runner support - upper		
041	C00077001				basket runner - upper		
044	C00085104				frame support for tub seal 45cm	n1045047	
044	C00088120			1 x C00116516 1 x C00141316	tank gasket		
045	C00040996				runner stop - upper basket		

2200210 Exploded views



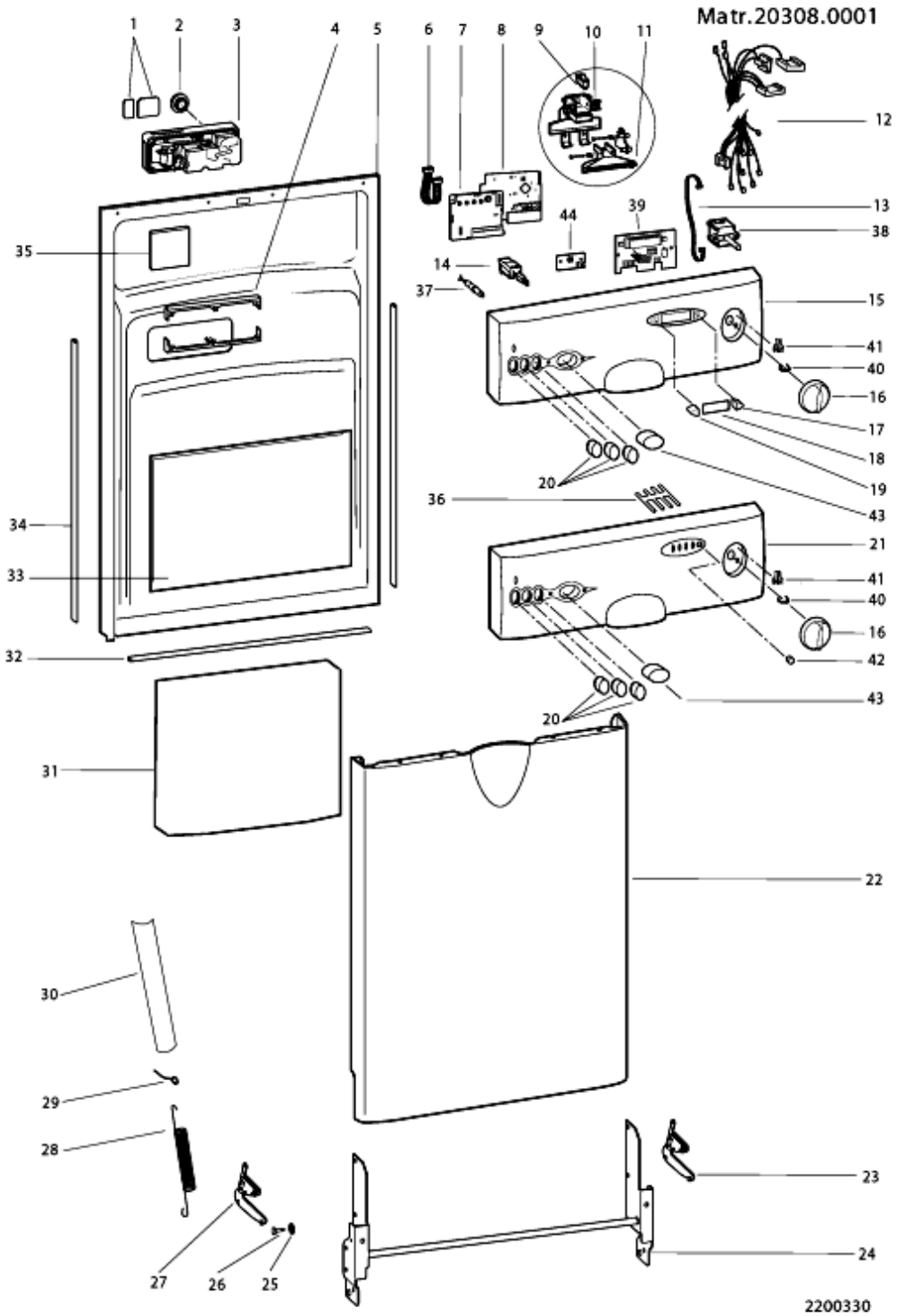
2200210 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00056001				upper wash arm feed pipe		
002	C00054925				upper was basket guide casing		
003	C00075686			1 x C00285074	jet gasket		
003	C00144315				top spray arm nut with seal (rohs)		
004	C00054871			1 x C00094134	water supply distribution assembly	n1045084	
005	C00054926			1 x C00110526 1 x C00110527	upper wash arm feed pipe	n1045084	
006	C00063845			1 x C00110381	set upper wash arm		
007	C00083761				inlet hose - includes antioverflow		
007	C00088301				grease box		
010	C00143371			1 x C00280937	supply cable schuko rohs		
021	C00088892			1 x C00090534	drain pump		
022	C00054869				drain hose		
023	C00066470				tube 620mm - pressure switch		
023	C00076622				wheelpressure switch hose		
024	C00081162				container - overflow unit		
025	C00143107				microswitch acquastop rohs		
026	C00058843				float - overflow unit		
027	C00044542			1 x C00041237	softener assy + ev		
029	C00084558			1 x C00143737	load electrovalve		
029	C00087337				collar seal		
030	C00086801				protection electrovalve		
032	C00033618				electrovalve (water softener)		
033	C00075678				clamp for electrovalve evo3		
033	C00084479				hose clamp		
035	C00077172			1 x C00141156	motor washing alternating	n1045064	
036	C00055005				pump cover	n1045064	
036	C00088889				pump cover		
038	C00083478				wash motor/pump assy 220v-45w	n1045064	
038	C00088896			1 x C00115896	wash motor/pump assy		
039	C00076628				tub spring		
042	C00080518				container connection overflow		
043	C00075695				connection gasket overflow		
044	C00075726				bodytop overflow		
045	C00054866				water inlet air break		

2200210 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
046	C00084600				o ring seal 38 mm		
047	C00054927			1 x C00144335	ring-nut for air-flow body		
048	C00056342				steel pin fixing upper wash arm	n1045084	
050	C00054863			1 x C00142344	central filter		
051	C00145075				stainless steel outlet filter		
053	C00081164			1 x C00142344	filter cylindrical		
054	C00061929				outer fine rotating polyester filter		
055	C00054828				gasket - sump fixing ring		
056	C00054917				seal 'o'ring (23,81x2,62)		
057	C00084421				set sump		
058	C00078394				outlet pump support		
059	C00066573			1 x C00063834	pressure switch 1 level	n1045025	
060	C00054868				tube - softener/sump l.(480mm)		
063	C00144235				retaining ring - softener rohs		
066	C00144196				support - lower wash arm bush		
067	C00066642			1 x C00075111	ring-nut for fastening bottom		
068	C00075109			1 x C00099964	lower wash arm		
070	C00057711				suction oven bottom		
072	C00075879				clamp		
073	C00074000				heating element 1800w		
075	C00078420			1 x C00091568	suction sensor oven bottom/tube		
076	C00054854				sump fixing ferrule		
077	C00079016				pipe rubber sump-pump		
078	C00073917				clamp for pump cover		
079	C00005819				salt funnel		
080	C00041088				salt cap		
081	C00087340			1 x C00143577	box sensing troubled kit x bit 100	n1045058	
082	C00078422			1 x C00091568	hose - pump/tube	n1045058	
085	C00054850			1 x C00093752	ring-nut for fastening bottom	n1045063	
085	C00093752				suction assembly moulded		
086	C00054915				seal 'o'ring (32,99x2,62)	n1045063	
087	C00144189				cap corner for supp.wash.blade		
099	C00077010				clamp washing heating element		

2200330 Exploded views



2200330 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
003	C00063837				detergent+rinseaid		
005	C00088175			1 x C00091542	inner door	n1045081	
005	C00110184				inner door	n1045081	
008	C00085028			1 x C00096972	timer bit100 'a' + n1045048		
009	C00085358				microswitch		
010	C00085357				door lock assembly	n1045081	
010	C00094128			1 x C00195887	locking assembly evo3	n1045081	
011	C00090264				plinth cover lid handle		
012	C00090805				wiring harness assembly		
012	C00094968				wiring harness assembly	n1045064	
014	C00041184				on-off switch (double pole) (dw)		
016	C00090258				knob timer white27		
020	C00090797				push button white 27 extradry		
021	C00090798				white27 dashboard ls248teu		
022	C00064664			1 x C00092419	door shell bowed white27 45cm		
023	C00065127			1 x C00054815	hinge item, right		
024	C00063758			1 x C00099193	hinge assembly		
025	C00058776				washer d = 6 mm		
026	C00048504				hinge pin		
027	C00065128			1 x C00054817	hinge item, left		
028	C00075689				door spring		
029	C00075693				gaffel x door spring		
031	C00085282				door spacer assy 45cm		
032	C00087161			1 x C00091538	door seal - lower		
034	C00054827				side strip for door l=435		
035	C00082457				sponge		
036	C00090262				-		
037	C00057635				red pilot lamp 230v ariston		
037	C00074501				pilot light red 12 v led ariston		
038	C00143589				8 functions selector x 210ø rohs		
040	C00034319			1 x C00104581	knob plate		
042	C00088219				push-button pattern delay		
043	C00057510				push-button knob on/off white		
044	C00143582				card extra dry rohs		
099	C00040005			1 x C00033026	grease amblig ta 1 gr.		

2200330 Spare parts list

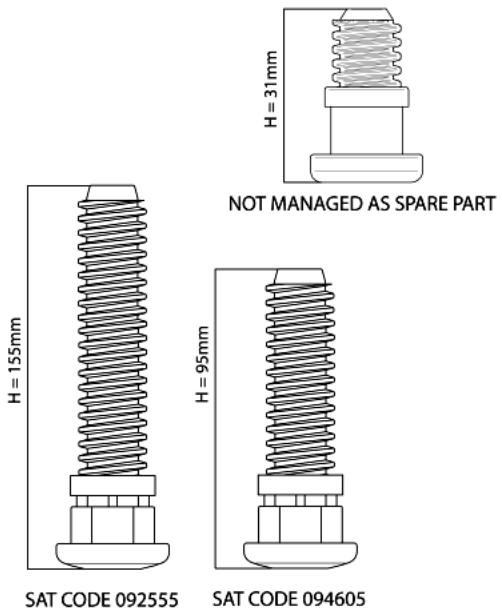
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
099	C00040288			1 x C00037135	lock nut m4		
099	C00065862				screw stainless 3,5x8 door liner		
099	C00076108			1 x C00012687	screw canoe klip		
099	C00077438			1 x C00012687	self-tapping galvanized screw sw		
099	C00082166				rivet		
099	C00084911			1 x C00304782	screw 3.5x9.5		

Notices

N1045072: Introduction of fixed rear foot H=31mm on free-standing models.

From serial no. 40218.0001, free-standing dishwashers affected by this modification have been equipped with new fixed rear feet (H=31mm).
The new foot replaces the adjustable one (H=155mm) Service code 092555; on the EVO3 range with TurboDry the new foot replaces the adjustable foot (H=95mm) Service code 094605.
The Spare Part Warehouse will continue to manage only 155mm and 95mm adjustable feet as they are interchangeable with the fixed 31mm foot.
The three feet are shown in illustration N1045072FIG1.

N1045072FIG1

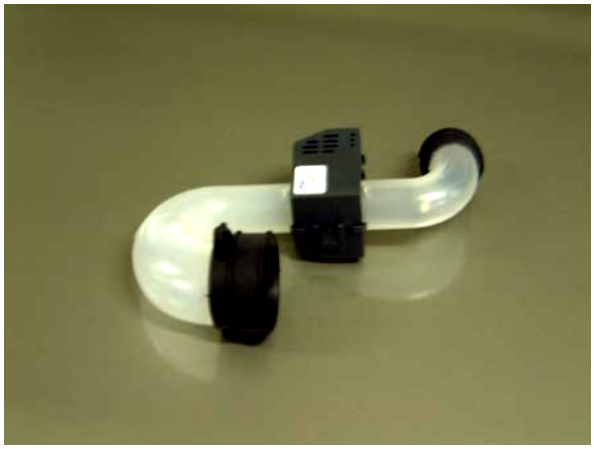


n1045025: Alternative pressure switches SIEBE and ELBI.

On appliances which use pressure switches with part nos. 066573 and 054841, the pressure switches ELBI and SIEBE are being handled instead.
The new SIEBE pressure switches can be used instead of the ELBI ones and vice versa, respecting the following contact correspondence.
SAT part no. 066573:
Contact 1 Elbi with contact 11 Siebe.
Contact 2 Elbi with contact 12 Siebe.
Contact 3 Elbi with contact 14 Siebe.
SAT part no. 054841:
Contact 1 Elbi with contact 11 Siebe.
Contact 2 Elbi with contact 12 Siebe.
Contact 3 Elbi with contact 14 Siebe. The two pressure switches are interchangeable with one another.

n1045058: Modification of DW turbidity kit

From serial no. 20830.0001, all Dishwasher models affected by this note have been fitted with the new turbidity kit Sat code 091523 replacing code 087340. The new kit has a blowing tube (a single piece that includes the two couplings and the dirt detection tube) Sat code Sat 091568 that replaces the two couplings: 078420 tube (element-turbidity sensor) and 078422 tube (turbidity sensor-pump).
The new codes are perfectly interchangeable with the old ones (087340-078420-078422) that will be managed until stocks run out.



n1045062: Introduction of a new DW EVO structure

From serial number 30101.0001, all dishwasher models affected by this modification have been produced with EVO structure. These models have been equipped with NEW TRAYS AND NEW FEET (see N1045062TAB1).

The structure for SCANDINAVIA models is indicated below:

COMMERCIAL CODE 28490-26043-23520-28088:

PREMODIFICATION:
Tray: 083625 (for commercial code 28490) 078809 (for commercial codes 26043-23520-28088);
Tray rear feet: 078396-078397-078385;
Tray front feet: 073972;
Front feet supports: 065836(Rohs 143584);
Feet supplied with plinth accessories assembly: 034261;

EVO STRUCTURE:
Tray: 092558 (for commercial code 28490) 092554 (for commercial code 26043-23520-28088);
Tray rear feet: 092820-092821-092822;
Tray front feet: 092555;
Front feet supports: 065836;
Feet supplied with plinth accessories assembly: 034261.

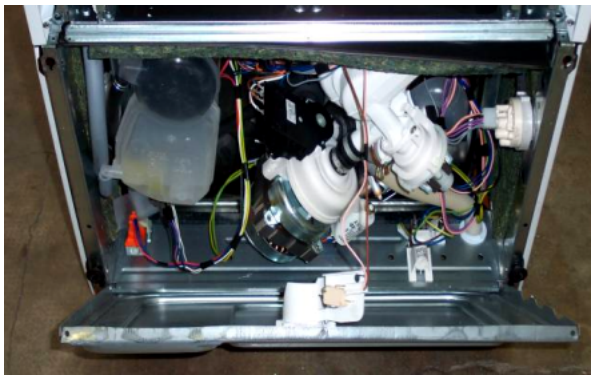
COMMERCIAL CODE 25117:

PREMODIFICATION:
Tray: 061991;
Tray feet: 073972;
Feet supplied with plinth accessories assembly: 034261;

EVO STRUCTURE:
Tray: 092554;
Tray feet: 092555;
Feet supplied with plinth accessories assembly: 034261.

Photo N1045062FIG1 illustrates the bottom of the dishwasher with EVO structure.

Regulation assembly DX/SX Sat codes 078397 and 078396 will be managed up to stock end, after that they will be replaced by new Sat codes 092821 and092820. The same is for rear foot Sat code 078385 which will be replaced by Sat code 092822.



N1045062TAB1 - ENG			< M.30101.0001	>M.30101.0001
LVS 60 CM	Free Standing	Tray kit	061989	092554
		Front foot	104611	
		Rear foot	065836	092555
	Not regulable Built in	Tray kit	061991	092554
		4 foot front / reat	073972	092555
	Regulable Built in 110/140 mm	Tray kit	078809	092554
		Rear foot adjustment assembly DX	078397	092821
		Rear foot adjustment assembly SX	078396	092820
		Rear foot	078385	092822
		Front foot	073972 (110 mm) / 085356 (140 mm)	092555

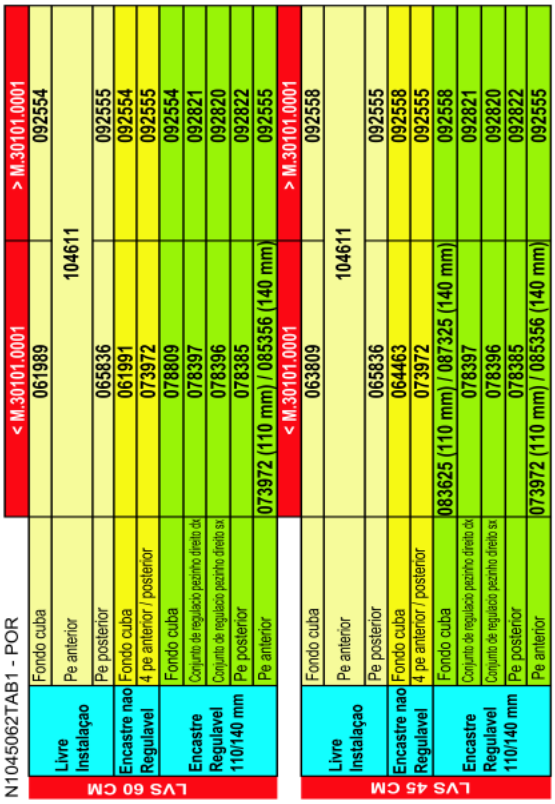
			< M.30101.0001	>M.30101.0001
LVS 45 CM	Free Standing	Tray kit	063809	092558
		Front foot	104611	
		Rear foot	065836	092555
	Not regulable Built in	Tray kit	064463	092558
		4 foot front / reat	073972	092555
	Regulable Built in 110/140 mm	Tray kit	083625 (110 mm) / 087325 (140 mm)	092558
		Rear foot adjustment assembly DX	078397	092821
		Rear foot adjustment assembly SX	078396	092820
		Rear foot	078385	092822
		Front foot	073972 (110 mm) / 085356 (140 mm)	092555

N1045062TAB1 - DEU			< M.30101.0001	> M.30101.0001
60 CENTIMETRI	Standgerat	Bodenwanne kit	061989	092554
		Stellfuss vorne	104611	
		Stellfuss hinten	065836	092555
	Einbaugerat ohne Hohenregulierung von vorn	Bodenwanne kit	061991	092554
		4 stellfuss vorne / hinten	073972	092555
	Einbaugerat mit hohenregulierung von vorn 110/140 mm	Bodenwanne kit	078809	092554
		Rechte fusseinstellungseinheit	078397	092821
		Linke fusseinstellungseinheit	078396	092820
		Stellfuss hinten	078385	092822
		Stellfuss vorne	073972 (110 mm) / 085356 (140 mm)	092555

			< M.30101.0001	> M.30101.0001
45 CENTIMETRI	Standgerat	Bodenwanne kit	063809	092558
		Stellfuss vorne	104611	
		Stellfuss hinten	065836	092555
	Einbaugerat ohne Hohenregulierung von vorn	Bodenwanne kit	064463	092558
		4 stellfuss vorne / hinten	073972	092555
	Einbaugerat mit hohenregulierung von vorn 110/140 mm	Bodenwanne kit	083625 (110 mm) / 087325 (140 mm)	092558
		Rechte fusseinstellungseinheit	078397	092821
		Linke fusseinstellungseinheit	078396	092820
		Stellfuss hinten	078385	092822
		Stellfuss vorne	073972 (110 mm) / 085356 (140 mm)	092555

N1045062TAB1			Premodifica (fino alla M.30101.0001)	Evizzate (dalla M.30101.0001)
60 CENTIMETRI	Libera Installazione	Bacinella	061989	092554
		Piedino inserito su supporto traversa anteriore	104611	
		Piedino posteriore	065836	092555
	Incasso non Regolabile	Bacinella	061991	092554
		4 piedini anteriori / posteriori	073972	092555
	Incasso Regolabile 110/140 mm	Bacinella	078809	092554
		Assieme regolazione DX	078397	092821
		Assieme regolazione SX	078396	092820
		Piedino posteriore	078385	092822
		Piedino anteriore	073972 (110 mm) / 085356 (140 mm)	092555
			Premodifica (fino alla M.30101.0001)	Evizzate (dalla M.30101.0001)
45 CENTIMETRI	Libera Installazione	Bacinella	063809	092558
		Piedino inserito su supporto traversa anteriore	104611	
		Piedino posteriore	065836	092555
	Incasso non Regolabile	Bacinella	064463	092558
		4 piedini anteriori / posteriori	073972	092555
	Incasso Regolabile 110/140 mm	Bacinella	083625 (110 mm) / 087325 (140 mm)	092558
		Assieme regolazione DX	078397	092821
		Assieme regolazione SX	078396	092820
		Piedino posteriore	078385	092822
		Piedino anteriore	073972 (110 mm) / 085356 (140 mm)	092555

N1045062TAB1 - FRA			< M.30101.0001	> M.30101.0001
LVS 60 CM	Pose Libre	Fond kit	061989	092554
		Pied avant	104611	
		Pied arrière	065836	092555
	Encastrable non régable	Fond kit	061991	092554
		4 pied avant / arrière	073972	092555
	Encastrable Régable 110/140 mm	Fond kit	078809	092554
		Ensemble reglage pied droit	078397	092821
		Ensemble reglage pied gauche	078396	092820
		Pied arrière	078385	092822
		Pied avant	073972 (110 mm) / 085356 (140 mm)	092555
			< M.30101.0001	> M.30101.0001
LVS 45 CM	Pose Libre	Fond kit	063809	092558
		Pied avant	104611	
		Pied arrière	065836	092555
	Encastrable non régable	Fond kit	064463	092558
		4 pied avant / arrière	073972	092555
	Encastrable Régable 110/140 mm	Fond kit	083625 (110 mm) / 087325 (140 mm)	092558
		Ensemble reglage pied droit	078397	092821
		Ensemble reglage pied gauche	078396	092820
		Pied arrière	078385	092822
		Pied avant	073972 (110 mm) / 085356 (140 mm)	092555



N1045062TAB1 - POR

		< M.30101.0001	> M.30101.0001
LVS 60 CM	Livre Instalaçao	Fondo cuba	061989	092554
		Pe anterior	104611	
		Pe posterior	065836	092555
	Encastre nao Regulavel	Fondo cuba	061991	092554
		4 pe anterior / posterior	073972	092555
	Encastre Regulavel 110/140 mm	Fondo cuba	078809	092554
		Conjunto de regulacio pezinho direito dx	078397	092821
		Conjunto de regulacio pezinho direito sx	078396	092820
		Pe posterior	078385	092822
		Pe anterior	073972 (110 mm) / 085356 (140 mm)	092555
LVS 45 CM		< M.30101.0001	> M.30101.0001
	Livre Instalaçao	Fondo cuba	063809	092558
		Pe anterior	104611	
		Pe posterior	065836	092555
	Encastre nao Regulavel	Fondo cuba	064463	092558
		4 pe anterior / posterior	073972	092555
	Encastre Regulavel 110/140 mm	Fondo cuba	083625 (110 mm) / 087325 (140 mm)	092558
		Conjunto de regulacio pezinho direito dx	078397	092821
		Conjunto de regulacio pezinho direito sx	078396	092820
		Pe posterior	078385	092822
		Pe anterior	073972 (110 mm) / 085356 (140 mm)	092555

N1045062TAB1 - SPA

		Menor (<) M.30101.0001	Mayor (>) M.30101.0001
60 CENTIMETRI	Libre Instalacion	Bandeja	061989	092554
		Pata delantera	104611	
		Pata trasera	065836	092555
	Encastre no Regulable	Bandeja	061991	092554
		4 patas trasera / delantera	073972	092555
	Encastre Regulable 110/140 mm	Bandeja	078809	092554
		Conjunto regulacion DX	078397	092821
		Conjunto regulacion SX	078396	092820
		Pata trasera	078385	092822
		Pata delantera	073972 (110 mm) / 085356 (140 mm)	092555
45 CENTIMETRI		Menor (<) M.30101.0001	Mayor (>) M.30101.0001
	Libre Instalacion	Bandeja	063809	092558
		Pata delantera	104611	
		Pata trasera	065836	092555
	Encastre no Regulable	Bandeja	064463	092558
		4 patas trasera / delantera	073972	092555
	Encastre Regulable 110/140 mm	Bandeja	083625 (110 mm) / 087325 (140 mm)	092558
		Conjunto regulacion DX	078397	092821
		Conjunto regulacion SX	078396	092820
		Pata trasera	078385	092822
		Pata delantera	073972 (110 mm) / 085356 (140 mm)	092555

n1045063: Introduction of coupling+ring nut Sat code 093752

From serial number 30224.0001, all dishwashers affected by this modification have been equipped with the new coupling+ring nut assembly Sat code 093752, in place of coupling Sat code 079016, ring nut Sat code 054850 and gasket Sat code 054915.

Ring nut Sat code 054850 will continue to be available from the spare parts warehouse while stocks last, and coupling Sat code 079016 will continue to be stocked because it is still used for the tank-volute connection.
Picture N1045063 illustrates the premodification structure in FIG1 and the new structure in FIG2.

N1045063

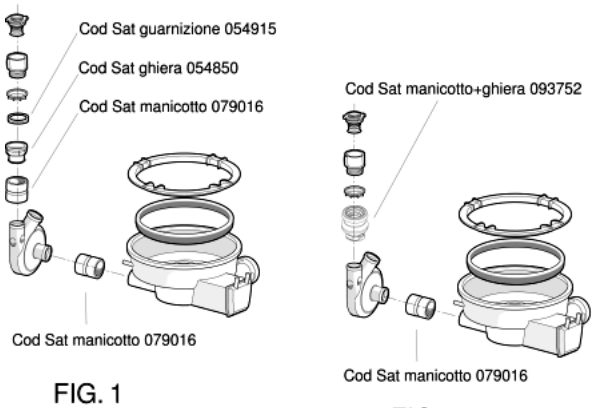


FIG. 1
STRUTTURA
PREMODIFICA

FIG. 2
NUOVA
STRUTTURA

n1045064: Alternate wash motor

From serial no. 30320.0001, dishwasher models LS248TEU (commercial code 28178) and LS248TXEU (commercial code 28179) have been produced with the alternate wash motor Sat code 077172. The items affected by this modification are:
New Motor 088896 - premodification 083478;
New Wiring 090805 - premodification 094968;
New screw assembly 088889 - premodification 055005;
New Electrical Diagram 16001618900 - premodification 16001573000.
The industrial codes of the modified models are 37281780100 and 37281790100.

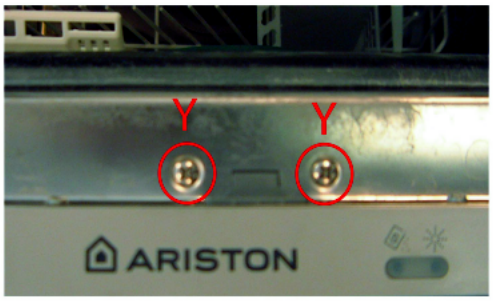
n1045081: Modification of locking units and inside doors on 45 cm dishwashers.

From serial no. 40419.0001, all 45 cm dishwashers affected by this note have been equipped with the locking unit code 094128 in place of 085357 and 087440.
Following the elimination of the two screws Y (see N1045081FIG1) used to fix the locking unit on the inside door, the locking unit and inside door were also modified, which can be mounted on premodification appliances by replacing the premodification locking unit with the new one.

Codes of modified inside doors:
091542 (EX 088175) PREMODIFICATION - 110184 NEW
091540 (EX 087151) PREMODIFICATION - 110185 NEW

N1045081FIG1

OLD

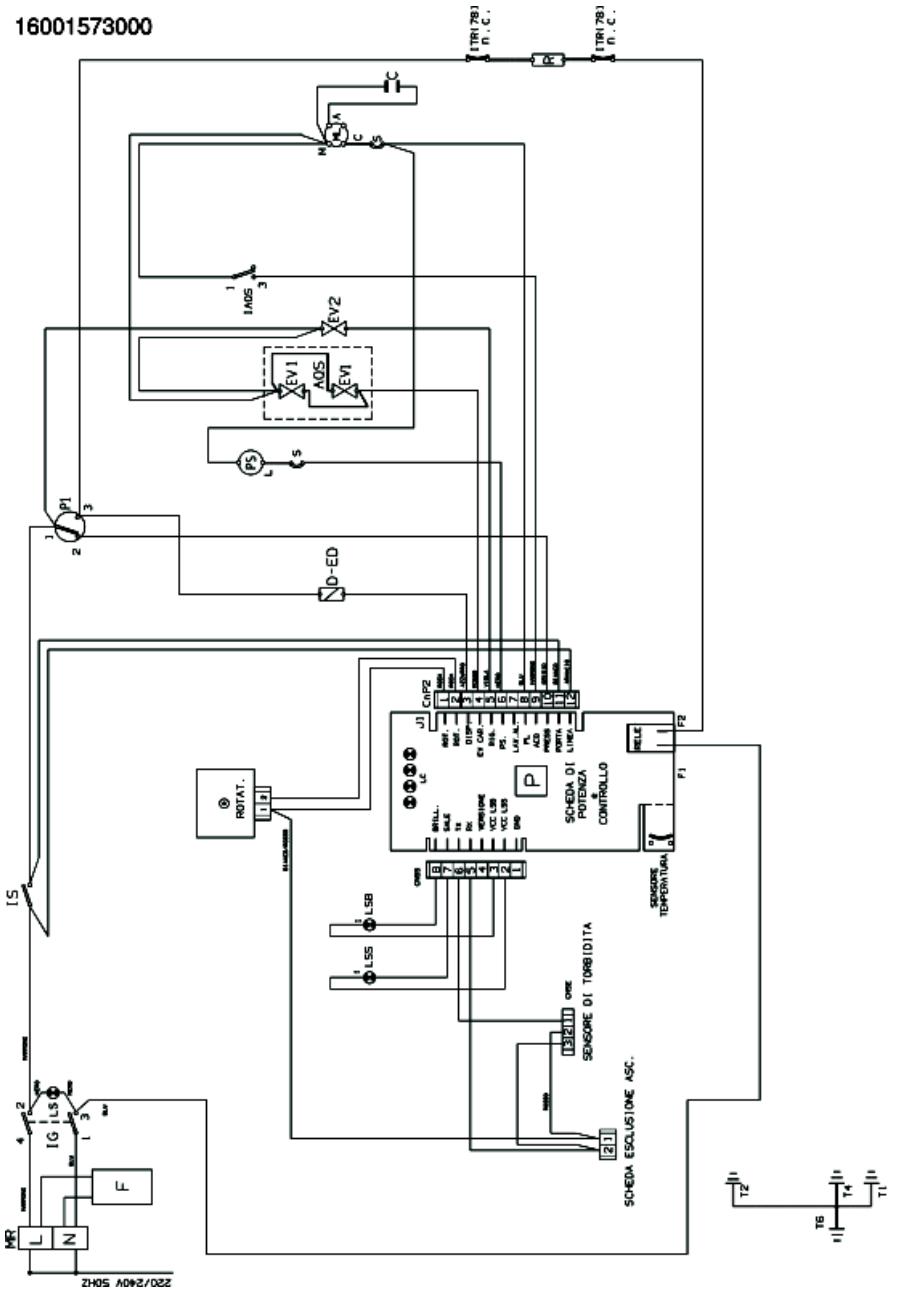


NEW



Electric schemes and links

Cod. 16001573000



Legend

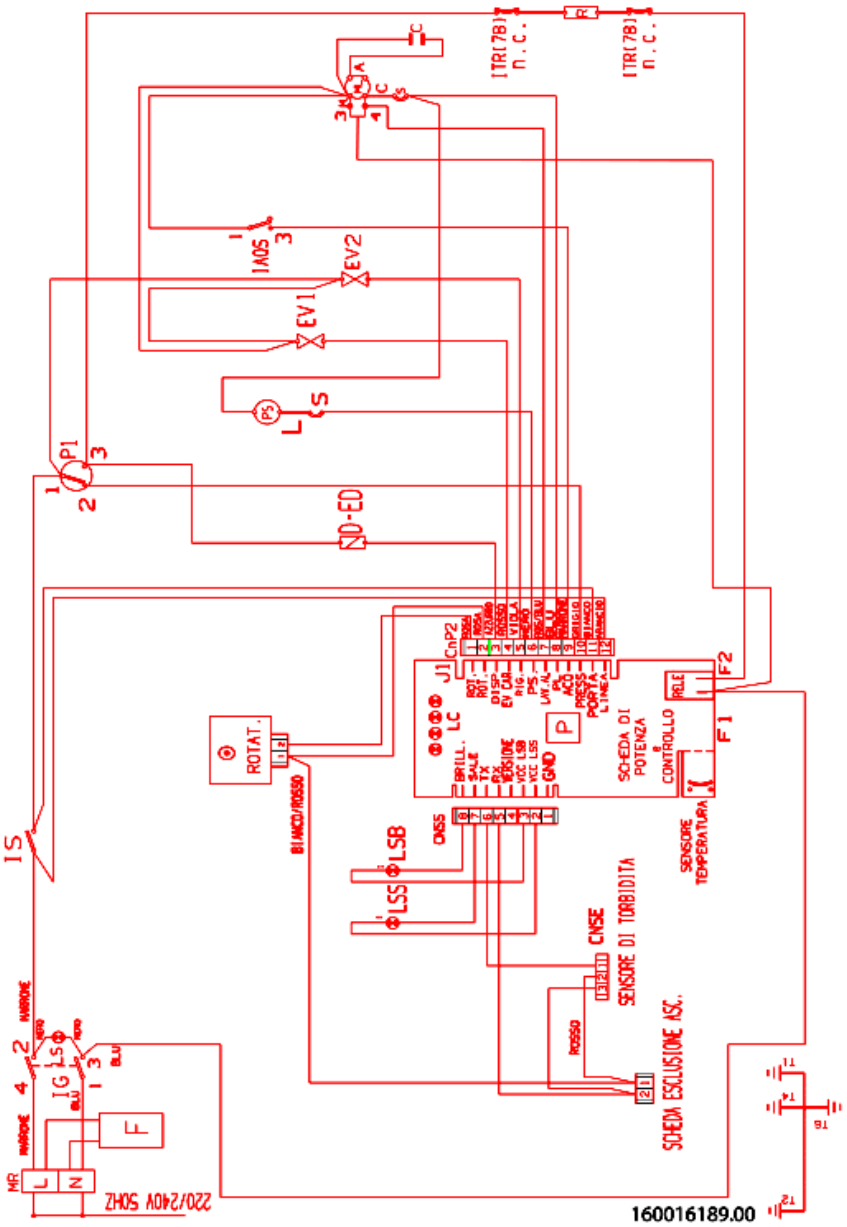
Legend: 16001573000

A..	Timer contact	LPA	Door open
AQS	Aquastop electrovalve	LPR	Prewash LED
B..	Timer contact	LRI	Rinse LED
C	Condensor	LS	Mains LED -Pilot lampe On/Off
C..	Timer contact	LSB	Polisher LED
CL	Slow cam	LSC	Cycle ranning lamp
CM	Wash pump motor connector	LSE	Acquastop LED
CN	Connector	LSS	Salt LED
CV	Fast cam	LV	Fan off lamp
D-ED	Dispenser - Electric dosing device	M	Terminal box
D..	Timer contact	MB	Polisher dip-switch
DB	Brightener dispenser	ME	Acquastop dip-switch
DD	Display - Detergent dispenser	ML	Wash motor
E1	Cold water electrovalve	MM	Handle dip-switch
E2	Regeneration electrovalve	MP	Door dip-switch
E3	Hot water electrovalve	MR	Delay-timer motor - Terminal board
ECO	Saving switch	MT	Timer motor
ED	Detergent/Brightener dispenser	MTR	Fast forward timer motor
EV1	Cold water electrovalve MM- Handle dip-switch	MV	Motor fan
EV1/2	Half-load electrovalve	P	Pressure switch
EV2	Regeneration electrovalve	P..	Pressure switch contact
EV3	Hot water electrovalve	P1	Stage 1 pressure
EVC	Hot water electrovalve	P2	Stage 2 pressure switch
EVF	Cold water electrovalve	PAP	High pressure switch
EVR	Regeneration water electrovalve	PO	Overflow pressure switch
F	Anti-interference filter ML- Wash motor	PS	Drain pump
FA	Radio interferences	PULS	Push-button panel
I1	On/Off switch - Plus cycle switch -IEC cycle	R	Heating element
I1/2	Switch half-load	R.D.	Delay rotary selector
I2	Fast switch -IEC cycle switch (standard) -	RA	Heating element drying
I2H	2-hour delay switch	ROT D	Delay rotary selector
I3	Saving switch- Switch for cycle with no pre-	ROT.	Rotary selector
I4	Switch for cycle fresh dirty	S	Motor overload cutout

I4H	4-hour delay switch	SC	Selector cycli
I5-ICR	Fast cycle switch	SS	Salt detector
I6	Soak cycle switch	ST	START
I6H	6-hour delay switch	T..	Delay-tymer contact
IAQS	Aquastop switch	T1	Power supply earth cable -Thermostat 45?C
ID	Switch display	T2	Lid earth -Thermostat 55?C
IE	Saving switch	T3	Timer earth -Thermostat 65?C
IEXD	Exstra dray switch	T36	36?C N.O. Thermostat
IG	Main switch	T4	Heating element earth
IMV	Off motor fan switch	T46	46?C N.O. Thermostat
IP	High temperature switch	T5	Drain pump earth
IS	Cut-off switch	T57	57?C N.O. Thermostat
ISB	Polisher led switch	T6	Wash motor earth
ISS	Salt LED switch	T8	External lid earth
ITR	Heating element switch	TE	Relay switch
L	Mains LED	THP	Thermoprotector
L1	Cycle 1 lamp	TM	Timer
L1/2	Lamp cjcle half-load	TS	Safety thermostat
L2	Cycle 2 lamp	TS 40	Thermostat 40 ?C
L3	Cycle 3 lamp	TS 50	Thermostat 50 ?C
L4	Cycle 4 lamp	TS 62	Thermostat 62 ?C
L5	Cycle 5 lamp	TS1	Min. temperature thermostat
L6	Cycle 6 lamp	TS2	Max. temperature thermostat
LA	Drying LED	TT	Terminal box support earth
LAQ	Aquastop on lamp	Tcp	nner-door earthing connection
LC	Cycle ranning lamp	Tfa	Radio interference
LD	Delay activated lamp	Tml	Pump wash motor earthing connection
LE	Saving cycle	Tpg	Large door earthing connection
LH2	2-hour delay lamp	Tpi	Inspection door earthing connection
LH4	4-hour delay lamp	Tpr	Pressure switch
LH6	6-hour delay lamp	Tps	Discharge pump earthing connection
LL	Wash LED	Tr	Heating element
LP	High temperature LED	Tte	Delay-timer earthing connection

Electric schemes and links

Cod. 16001618900



Legend

Legend: 16001618900

A..	Timer contact	LPA	Door open
AQS	Aquastop electrovalve	LPR	Prewash LED
B..	Timer contact	LRI	Rinse LED
C	Condensor	LS	Mains LED -Pilot lampe On/Off
C..	Timer contact	LSB	Polisher LED
CL	Slow cam	LSC	Cycle ranning lamp
CM	Wash pump motor connector	LSE	Acquastop LED
CN	Connector	LSS	Salt LED
CV	Fast cam	LV	Fan off lamp
D-ED	Dispenser - Electric dosing device	M	Terminal box
D..	Timer contact	MB	Polisher dip-switch
DB	Brightener dispenser	ME	Acquastop dip-switch
DD	Display - Detergent dispenser	ML	Wash motor
E1	Cold water electrovalve	MM	Handle dip-switch
E2	Regeneration electrovalve	MP	Door dip-switch
E3	Hot water electrovalve	MR	Delay-timer motor - Terminal board
ECO	Saving switch	MT	Timer motor
ED	Detergent/Brightener dispenser	MTR	Fast forward timer motor
EV1	Cold water electrovalve MM- Handle dip-switch	MV	Motor fan
EV1/2	Half-load electrovalve	P	Pressure switch
EV2	Regeneration electrovalve	P..	Pressure switch contact
EV3	Hot water electrovalve	P1	Stage 1 pressure
EVC	Hot water electrovalve	P2	Stage 2 pressure switch
EVF	Cold water electrovalve	PAP	High pressure switch
EVR	Regeneration water electrovalve	PO	Overflow pressure switch
F	Anti-interference filter ML- Wash motor	PS	Drain pump
FA	Radio interferences	PULS	Push-button panel
I1	On/Off switch - Plus cycle switch -IEC cycle	R	Heating element
I1/2	Switch half-load	R.D.	Delay rotary selector
I2	Fast switch -IEC cycle switch (standard) -	RA	Heating element drying
I2H	2-hour delay switch	ROT D	Delay rotary selector
I3	Saving switch- Switch for cycle with no pre-	ROT.	Rotary selector
I4	Switch for cycle fresh dirty	S	Motor overload cutout

I4H	4-hour delay switch	SC	Selector cycli
I5-ICR	Fast cycle switch	SS	Salt detector
I6	Soak cycle switch	ST	START
I6H	6-hour delay switch	T..	Delay-tymer contact
IAQS	Aquastop switch	T1	Power supply earth cable -Thermostat 45?C
ID	Switch display	T2	Lid earth -Thermostat 55?C
IE	Saving switch	T3	Timer earth -Thermostat 65?C
IEXD	Exstra dray switch	T36	36?C N.O. Thermostat
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IMV	Off motor fan switch	T46	46?C N.O. Thermostat
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IS	Cut-off switch	T57	57?C N.O. Thermostat
ISB	Polisher led switch	T6	Wash motor earth
ISS	Salt LED switch	T8	External lid earth
ITR	Heating element switch	TE	Relay switch
L	Mains LED	THP	Thermoprotector
L1	Cycle 1 lamp	TM	Timer
L1/2	Lamp cjcle half-load	TS	Safety thermostat
L2	Cycle 2 lamp	TS 40	Thermostat 40 ?C
L3	Cycle 3 lamp	TS 50	Thermostat 50 ?C
L4	Cycle 4 lamp	TS 62	Thermostat 62 ?C
L5	Cycle 5 lamp	TS1	Min. temperature thermostat
L6	Cycle 6 lamp	TS2	Max. temperature thermostat
LA	Drying LED	TT	Terminal box support earth
LAQ	Aquastop on lamp	Tcp	nner-door earthing connection
LC	Cycle ranning lamp	Tfa	Radio interference
LD	Delay activated lamp	Tml	Pump wash motor earthing connection
LE	Saving cycle	Tpg	Large door earthing connection
LH2	2-hour delay lamp	Tpi	Inspection door earthing connection
LH4	4-hour delay lamp	Tpr	Pressure switch
LH6	6-hour delay lamp	Tps	Discharge pump earthing connection
LL	Wash LED	Tr	Heating element
LP	High temperature LED	Tte	Delay-timer earthing connection

Electric schemes and links

Cod. lg037400

BASIC LINEAR DIAGRAM

LG 037400=16001381700

CYCLE LINEAR DIAGRAM

	Intensive	Normal	Fast 45'	Delicate	Cool drying	Extra	Soak	Pressure switch	Temperature	Alternate	Assigned time	
Washing phases												Cycle description
Prewash	X	X	X	X	X	X	X	V		Pos.0	60"	Drain
	X	X	X					F			23"	Load plus time
	X	X	X					F		Pos.0	2'	Dynamic load plus top-up
		X								Table2	28'	Maintain
	X		X							Table2	4'	Maintain
	X	X	X					V		Pos.0	60"	Drain
	X	X						F			20"	Load plus time
	X	X						F		Pos.0	2'	Dynamic load plus top-up
										Table2	6'	Maintain
		X								Table2	9'	Maintain
	X								45°C	Table2		Heating
Wash	X	X	X					V		Pos.0	60"	Drain
	X	X	X	X	X	X	X	F			23"	Load plus time
	X	X	X	X	X	X	X	F		Pos.0	2'	Dynamic load plus top-up
	X	X	X	X	X	X	X				60"	Detergent infeed
						X				Pos.0	60"	Regenera. infeed
					X	X			45°C	Table3		Heating
			X						54°C	Table3		Heating
		X			X				57°C	Table3		Heating
	X								65°C	Table3		Heating
						X				Table3	1'	Maintain
					X					Table3	4'	Maintain
				X						Table3	10'	Maintain
			X							Table3	10'	Maintain
		X								Pos.0	28'	Maintain
		X				X		V		Pos.0	60"	Drain
						X		F		Pos.0		Load for resin wash
						X		V		Pos.0	60"	Drain
						X		F		Pos.0		Load for resin wash
		X								Pos.0	15"	Load for collection unit wash
	X									Pos.0	4'	Maintain
Rinses	X	X	X	X	X	X	X	V		Pos.0	60"	Drain
				X				F		Pos.0		Load plus 3 litres
				X						Pos.0	3'	Pulse phase 15cm15off
				X						Table2	8'	Maintain
	X	X				X	X	F			20"	Load plus time
	X	X				X	X	F		Pos.0	2'	Dynamic load plus top-up
						X	X			Table2	10'	Maintain
	X									Table2	6'	Maintain
	X			X	X	X	X	V		Pos.0	60"	Drain
	X	X	X	X	X			F			20"	Load plus time
	X	X	X	X	X			F		Pos.0	2'	Dynamic load plus top-up
	X	X	X	X	X						0.3"	Detergent reset
	X	X	X	X	X						60"	Regenerates
	X	X	X	X	X				59°C	Pos.0		Heating
	X	X	X	X	X					Table2	69"	Rinse aid infeed
	X	X	X	X	X				67°C	Pos.0		Heating
	X	X	X	X	X					Pos.0	4'	Maintain
Drying	X	X	X	X	X						50'	With extra drying
	X	X	X	X	X						20'	With normal drying
	X	X	X	X	X			V		Pos.0	60"	Drain
	X	X	X	X	X						15"	Load for resin wash
	X	X	X	X	X			V		Pos.0	30"	Drain
	X	X	X	X	X						60"	Pause
	X	X	X	X	X			V		Pos.0	30"	Drain
	X	X	X	X	X						15"	Load for resin wash
	X	X	X	X	X			V		Pos.0	30"	Drain
	X	X	X	X	X						60"	Pause
	X	X	X	X	X			V		Pos.0	30"	Drain
	X	X	X	X	X	X	X					Reset

Alternate table
Pos.o Washes on both collectors
Table2 Washes one minute above and two minutes below
Table3 Washes three minutes below and one minute above

Extra drying function
Pressing the button before the start of the cycle, the 50' extra drying function is activated (20' with water in basket, 20' without water and 10' of turbo drying).
Otherwise normal drying takes place: 20' with water in basket
To activate the extra drying function, press the extra button (a long beep signal will sound). When the extra drying function is deactivated a short beep signal sounds.
Of course, this must be done before the cycle starts.

LINEAR DIAGRAM FOR MACHINES WITH TURBIDITY SENSOR

CYCLE LINEAR DIAGRAM

	Intensive	Normal	Eco Wash	Pressure switch	Temperature	Alternate	Assigned time	
Turbidity level	1	2 3 4	1 2 3 4					
Washing phases								Cycle description
Prewash	X	X X	X X X	X	V	Pos.0	60"	Drain
	X	X X	X X X	X	F		23"	Load plus time
	X	X X	X X X	X	F	Pos.0	2'	Dynamic load plus top-up
		X X	X X			Table2	28'	Maintain
	X	X	X	X	V	Table2	4'	Maintain
	X	X X	X X X		V	Pos.0	60"	Drain
	X	X X	X X X		F		20"	Load plus time
	X	X X	X X X		F	Pos.0	2'	Dynamic load plus top-up
		X				Table2	2'	Maintain
			6X			Table2	2'	Maintain
			X			Table2	5'	Maintain
						Table2	6'	Maintain
						Table2	6'	Maintain
	X					Table2		Heating
	X					Table2		Heating
	X					Table2		Heating
	X					Table2		Heating
Wash	X	X X	X X X	X	V	Pos.0	60"	Drain
	X	X X	X X X	X	F		20"	Load plus time
	X	X X	X X X	X	F	Pos.0	2'	Dynamic load plus top-up
	X	X X	X X X	X			60"	Detergent infeed
				X		44°C	Pos.0	Heating
				X		46°C	Pos.0	Heating
				X	X	48°C	Pos.0	Heating
					X	50°C	Pos.0	Heating
		X				41°C	Pos.0	Heating
			X			43°C	Pos.0	Heating
			X			45°C	Pos.0	Heating
				X		48°C	Pos.0	Heating
					X	51°C	Table3	Heating
	X					51°C	Table3	Heating
		X				90°C	Table3	Heating
			X			53°C	Table3	Heating
			X			65°C	Table3	Heating
					X		Table3	11'	Maintain
					X		Table3	13'	Maintain
					X		Table3	14'	Maintain
					X		Table3	19'	Maintain
		X					Table3	10'	Maintain
			X				Pos.0	28'	Maintain
			X				Pos.0	2'	Maintain
				X			Pos.0	29'	Maintain
				X			Pos.0	29'	Maintain
		X X	X		V		Pos.0	60"	Drain
		X X	X		V		Pos.0		Load for resin wash
		X X	X		V		Pos.0	60"	Drain
		X X	X		F		Pos.0		Load for resin wash
	X	X X	X				Pos.0	4'	Maintain
Rinses	X	X X	X X X	X	V	Pos.0	60"	Drain
				X	F		Pos.0		Load plus 3 litres
	X	X X		X	F			20"	Load plus time
	X	X X		X	F	Pos.0	2'	Dynamic load plus top-up
	X	X				Table2	4'	Maintain
		X				Table2	5'	Maintain
			X	X	X	Table2	6'	Maintain
	X	X X	X X X	X	V	Pos.0	60"	Drain
	X	X X	X X X	X	F		20"	Load plus time
	X	X X	X X X	X	F	Pos.0	2'	Dynamic load plus top-up
	X	X X	X X X	X			0.3"	Detergent reset
	X	X X	X X X	X			60"	Regenerates
	X	X X	X X X	X		50°C	Pos.0	Heating
	X	X X	X X X	X	X		Table2	60"	Rinse aid infeed
	X	X	X	X		56°C	Pos.0	Heating
		X	X	X	X	61°C	Pos.0	Heating
			X		X	64°C	Pos.0	Heating
			X	X	X	67°C	Pos.0	Heating
	X	X X	X X X	X	X		Pos.0	4'	Maintain
Drying	X	X X	X X X	X	X			50'	With extra drying
	X	X X	X X X	X	X			20'	With normal drying
	X	X X	X X X	X	X	V	Pos.0	60"	Drain
	X	X X	X X X	X	X			15"	Load for resin wash
	X	X X	X X X	X	X	V	Pos.0	30"	Drain
	X	X X	X X X	X	X			60"	Pause
	X	X X	X X X	X	X	V	Pos.0	30"	Drain
	X	X X	X X X	X	X			15"	Load for resin wash
	X	X X	X X X	X	X	V	Pos.0	30"	Drain
	X	X X	X X X	X	X			60"	Pause
	X	X X	X X X	X	X	V	Pos.0	30"	Drain
	X	X X	X X X	X	X				Reset

Alternate table
Pos.o Washes on both collectors
Table2 Washes one minute above and two minutes below
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Extra drying function
Pressing the button before the start of the cycle, the 50' extra drying function is activated (20' with water in basket, 20' without water and 10' of turbo-drying).
Otherwise normal drying takes place: 20' with water in basket
To activate the extra drying function, press the extra button (a long beep signal will sound). When the extra drying function is deactivated a short beep signal sounds.
Of course, this must be done before the cycle starts.

Legend

Legend: lg037400

A..	Timer contact	LPA	Door open
AQS	Aquastop electrovalve	LPR	Prewash LED
B..	Timer contact	LRI	Rinse LED
C	Condensor	LS	Mains LED -Pilot lampe On/Off
C..	Timer contact	LSB	Polisher LED
CL	Slow cam	LSC	Cycle ranning lamp
CM	Wash pump motor connector	LSE	Acquastop LED
CN	Connector	LSS	Salt LED
CV	Fast cam	LV	Fan off lamp
D-ED	Dispenser - Electric dosing device	M	Terminal box
D..	Timer contact	MB	Polisher dip-switch
DB	Brightener dispenser	ME	Acquastop dip-switch
DD	Display - Detergent dispenser	ML	Wash motor
E1	Cold water electrovalve	MM	Handle dip-switch
E2	Regeneration electrovalve	MP	Door dip-switch
E3	Hot water electrovalve	MR	Delay-timer motor - Terminal board
ECO	Saving switch	MT	Timer motor
ED	Detergent/Brightener dispenser	MTR	Fast forward timer motor
EV1	Cold water electrovalve MM- Handle dip-switch	MV	Motor fan
EV1/2	Half-load electrovalve	P	Pressure switch
EV2	Regeneration electrovalve	P..	Pressure switch contact
EV3	Hot water electrovalve	P1	Stage 1 pressure
EVC	Hot water electrovalve	P2	Stage 2 pressure switch
EVF	Cold water electrovalve	PAP	High pressure switch
EVR	Regeneration water electrovalve	PO	Overflow pressure switch
F	Anti-interference filter ML- Wash motor	PS	Drain pump
FA	Radio interferences	PULS	Push-button panel
I1	On/Off switch - Plus cycle switch -IEC cycle	R	Heating element
I1/2	Switch half-load	R.D.	Delay rotary selector
I2	Fast switch -IEC cycle switch (standard) -	RA	Heating element drying
I2H	2-hour delay switch	ROT D	Delay rotary selector
I3	Saving switch- Switch for cycle with no pre-	ROT.	Rotary selector
I4	Switch for cycle fresh dirty	S	Motor overload cutout

I4H	4-hour delay switch	SC	Selector cycli
I5-ICR	Fast cycle switch	SS	Salt detector
I6	Soak cycle switch	ST	START
I6H	6-hour delay switch	T..	Delay-tymer contact
IAQS	Aquastop switch	T1	Power supply earth cable -Thermostat 45?C
ID	Switch display	T2	Lid earth -Thermostat 55?C
IE	Saving switch	T3	Timer earth -Thermostat 65?C
IEXD	Exstra dray switch	T36	36?C N.O. Thermostat
IG	Main switch	T4	Heating element earth
IMV	Off motor fan switch	T46	46?C N.O. Thermostat
IP	High temperature switch	T5	Drain pump earth
IS	Cut-off switch	T57	57?C N.O. Thermostat
ISB	Polisher led switch	T6	Wash motor earth
ISS	Salt LED switch	T8	External lid earth
ITR	Heating element switch	TE	Relay switch
L	Mains LED	THP	Thermoprotector
L1	Cycle 1 lamp	TM	Timer
L1/2	Lamp cjcle half-load	TS	Safety thermostat
L2	Cycle 2 lamp	TS 40	Thermostat 40 ?C
L3	Cycle 3 lamp	TS 50	Thermostat 50 ?C
L4	Cycle 4 lamp	TS 62	Thermostat 62 ?C
L5	Cycle 5 lamp	TS1	Min. temperature thermostat
L6	Cycle 6 lamp	TS2	Max. temperature thermostat
LA	Drying LED	TT	Terminal box support earth
LAQ	Aquastop on lamp	Tcp	nner-door earthing connection
LC	Cycle ranning lamp	Tfa	Radio interference
LD	Delay activated lamp	Tml	Pump wash motor earthing connection
LE	Saving cycle	Tpg	Large door earthing connection
LH2	2-hour delay lamp	Tpi	Inspection door earthing connection
LH4	4-hour delay lamp	Tpr	Pressure switch
LH6	6-hour delay lamp	Tps	Discharge pump earthing connection
LL	Wash LED	Tr	Heating element
LP	High temperature LED	Tte	Delay-timer earthing connection