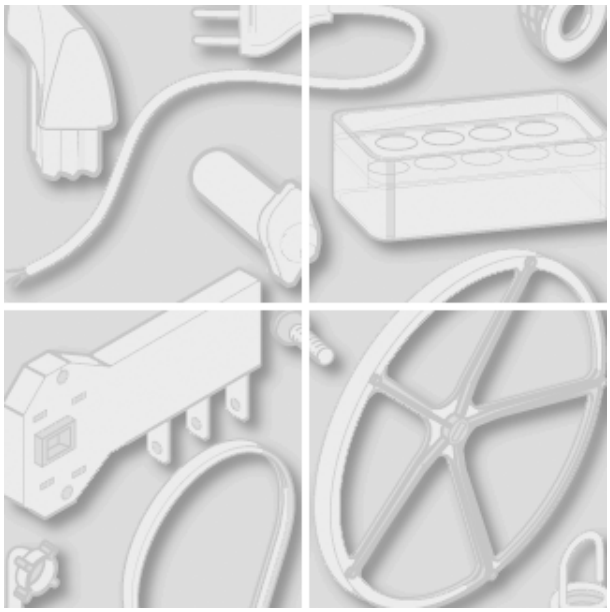
INDESIT company



Model type:
AVL62EX

Commercial code:
F030081

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

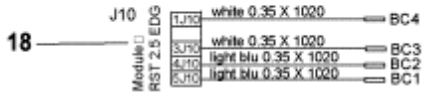
INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

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

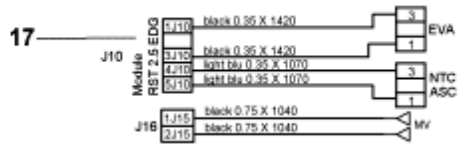
7.Technical documentation cover shows model name and its commercial codes

1140960 Exploded views

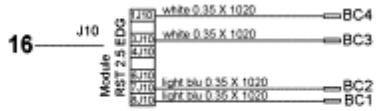
The new wiring when fitted, must be securely attacched to the machine wiring with insulating tape. **Matr. 61116.0001**



WIRING P = DRUM BLOCK COD. C00141995



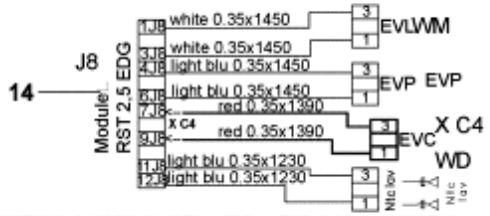
WIRING F = EVA+NTCAS / WIRING G = MTV COD. C00141769



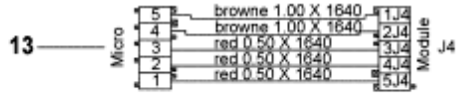
WIRING P = DRUM BLOCK COD. C00112822



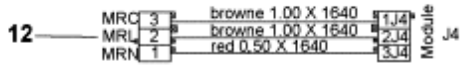
WIRING B2 = DISPLAY CONNECTION COD. C00111227



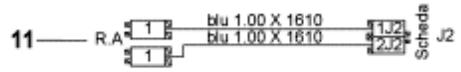
WIRING C1(WM) C3(WD) = EVL + EVP COD. C00093713
WIRING C4 (WD) = EVL + EVP + EVC COD. C00109950



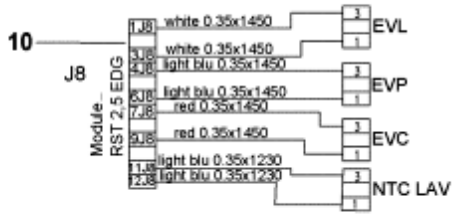
WIRING D = INTERLOCK. + MICRO SWITCH COD. C00093714



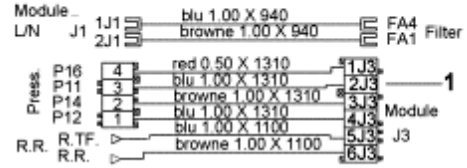
WIRING D1 = INTERLOCK. COD. C00093715



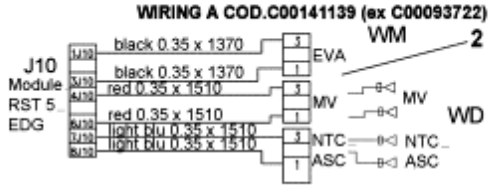
WIRING H = DRYING ELEMENT COD. C00093716



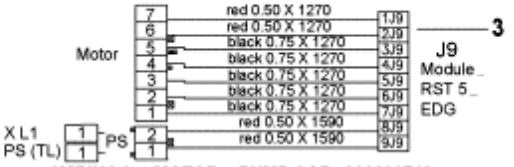
WIRING C = EVL + EVP + EVC COD. C00093724



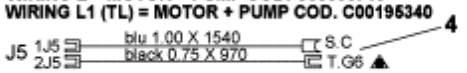
WIRING A COD.C00141139 (ex C00093722)



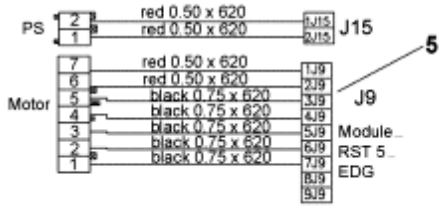
WIRING F = EVA + MV + NTCAS COD.C00093717



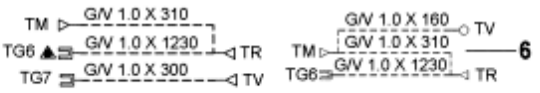
WIRING L = MOTOR + PUMP COD. C00093718
WIRING L1 (TL) = MOTOR + PUMP COD. C00195340



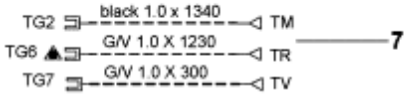
WIRING I = CONDUCTIVITI SENSOR COD. C00093725



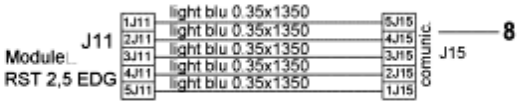
WIRING N = MOTOR + PUMP COD. C00093719



WIRING X = EART STD MACCHINE COD. C00093720



WIRING Y = EART TRI-PHASE MACCHINE COD. C00093721



WIRING B1 = MAIN-DISPLAY CONNECTION COD. C00093726



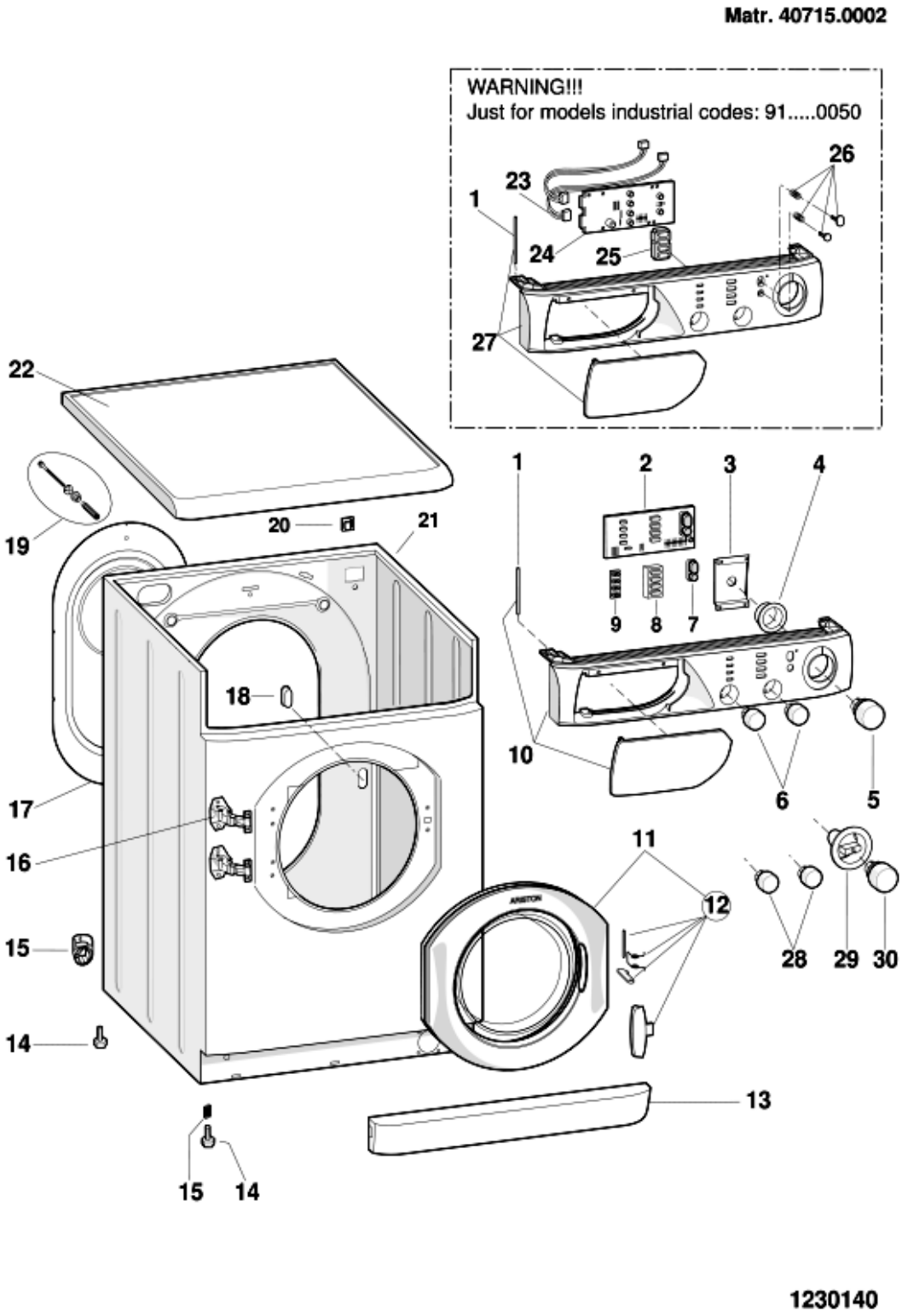
WIRING B = SELECTION CONNECTION COD. C00093723

1140960

1140960 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00141139				wiring		
003	C00093718				wiring pump-motor-module j9 (hl)		
006	C00093720				wiring standard earth		
008	C00093726				wiring display	n1040331	
012	C00093715			1 x C00259857	wiring door lock-module j4		
014	C00093713				wiring ntc-evl+evp-module j8		
015	C00111227				wiring display		

1230140 Exploded views



1230140 Spare parts list

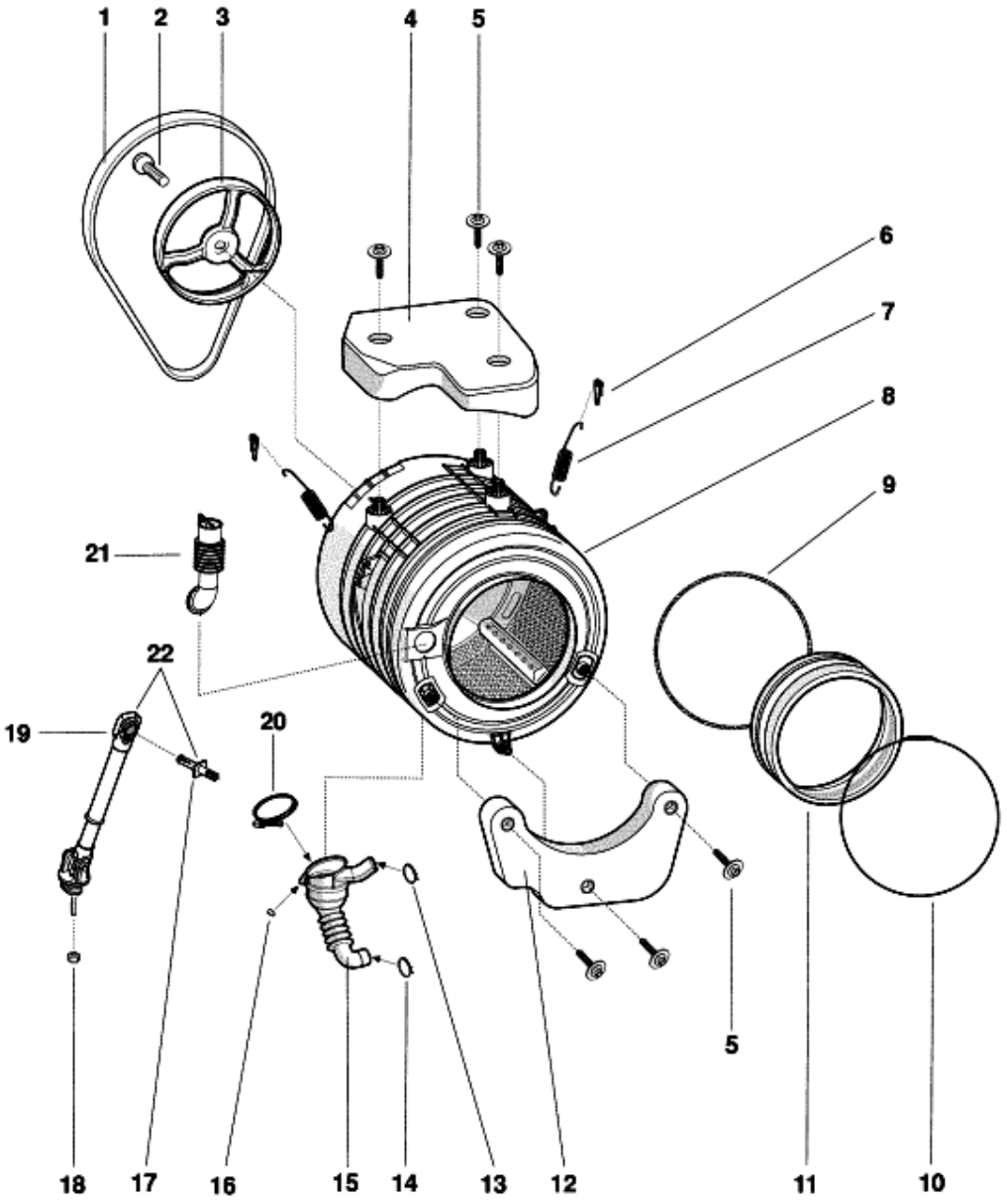
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00097578				user instructions booklet e-gb-f-p-		
000	C00097579				user instructions booklet		
001	C00091882				pivot pin drawer front 106.5x5		
002	C00094053			1 x C00097400	led card evoii	n1040331	
003	C00091890				potentiometer support avd		
004	C00094065			1 x C00118964	knob timer disc 28 pr b27		91300810000 91300810050
004	C00116381			1 x C00203083	knob timer disc pw		
005	C00091873			1 x C00115953	wash timer knob white 27 avd		91300810000 91300810050
005	C00115953				wash timer knob white pw avd		
006	C00094021			1 x C00115954	temperature knob 28 pr white 27		91300810000 91300810050
006	C00115954				temperature knob pr28 white pw		
007	C00094356				push buttons on-off white 27 evo2	n1040331	
008	C00094358				keys board functions evo3 evo2	n1040331	
009	C00094357				light diffusor 4l evo2 avl	n1040331	
010	C00097576				control panel & handle	n1040331	
011	C00092157			1 x C00115670 1 x C00115678	door frame and glass assy	n1040352	91300810000 91300810050
011	C00115670			1 x C00116553	door frame+glass assy evoii b27	n1040352	91300810000 91300810050
011	C00116240				door frame+glass assy evoii pw		
012	C00092158			1 x C00116576	door handle kit b27 ariston		91300810000 91300810050
012	C00116576				door handle assy white pw		
013	C00064505			1 x C00116552	plinth white		91300810000 91300810050
013	C00116552				plinth white pw		
014	C00087084				foot		
015	C00046666				collar for drain hose		
015	C00083828				foot spring (11x8.5mm)		
016	C00064541				outer door hinge assembly	n1040352	
016	C00115666				zama hinge 150°	n1040352	
017	C00081698			1 x C00116998	rear cover - white27		91300810000

1230140 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
017	C00116998				rear cover - white(pw)		
018	C00084817				blanking plate-rear(test plug)		
019	C00094777			1 x C00145769	kit lock tub l=105 evo2		
020	C00041575				adhesive hook		
021	C00097549			2 x C00115666	cabinet white27 5kg ariston evo2	n1040352	91300810000
				1 x C00115676			91300810050
				1 x C00116032			
021	C00116032			1 x C00117001	cabinet white27 5kg ariston evoii	n1040352	91300810000
							91300810050
021	C00117001				cabinet white(pw) 5kg ariston		
022	C00091867			1 x C00116550	worktop - white 595 x 522 mm		91300810000
							91300810050
022	C00116550				worktop - white(pw) 595 x 522		
023	C00109854				wiring console lbe evoii		
024	C00143338				display pcb		
025	C00110055			1 x C00116392	silicone push buttons		
026	C00110115				white pushbutton on-off/reset kit		91300810000
							91300810050
026	C00116359			1 x C00110115	push button on-off/start kit white		
027	C00111792				white27 control panel & handle		91300810000
							91300810050
027	C00116966				white(pw) control panel & handle		
099	C00046667				wiring stop		
099	C00064550				drain hose holder		
099	C00065871				blanking plug		
099	C00089419				blanking plug 6.5 mm		

1230220 Exploded views

Matr. 30711.000

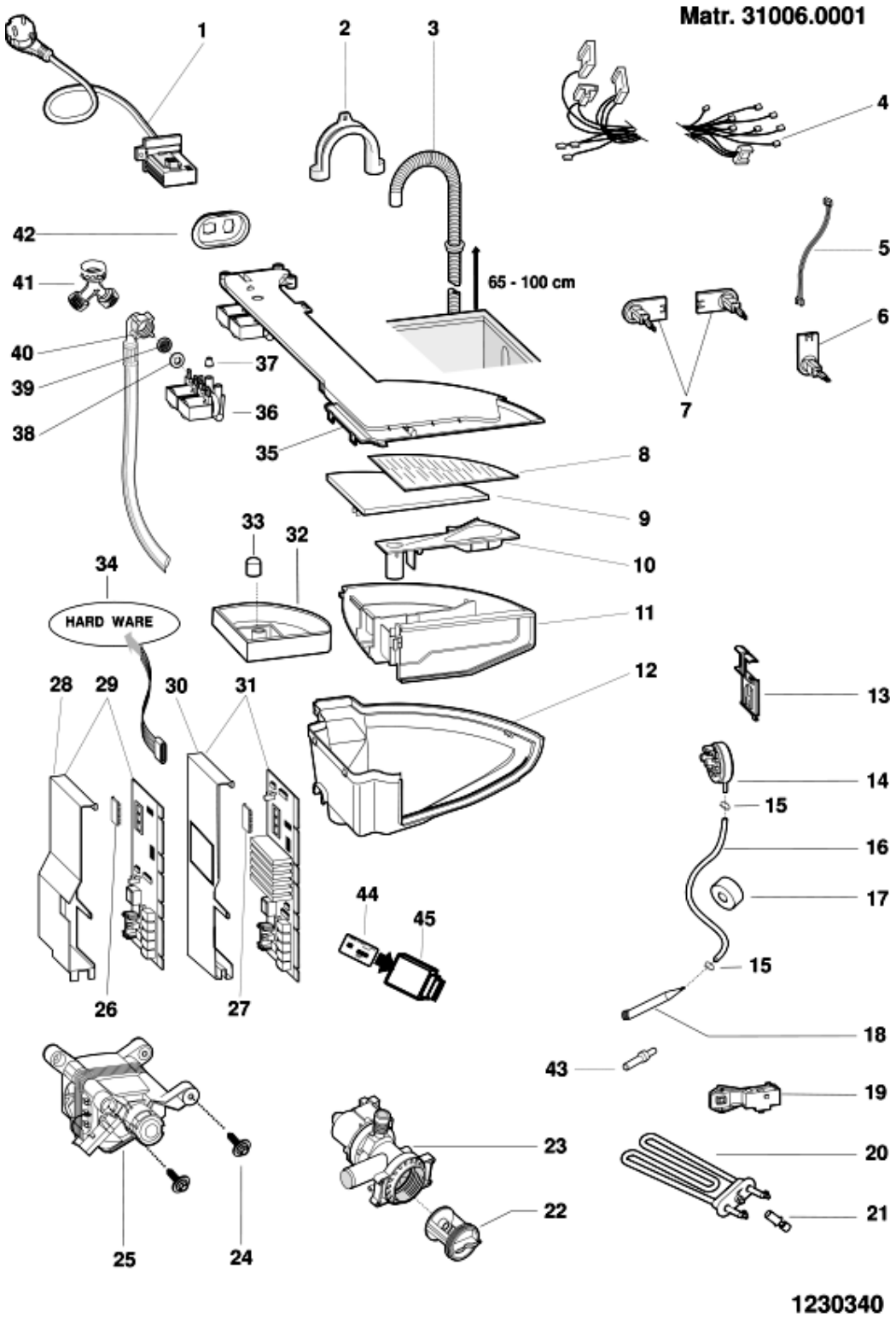


1230220

1230220 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00082318				belt hutchinson 8phe 1195		
002	C00064786			1 x C00143260	bolt m8x23 torx tefl		
003	C00064527				drum pulley cone d=280 mm h=		
004	C00094710				top ballance weight 15kg		
005	C00094741			1 x C00118612	screw locking counterweight/tub		
006	C00064515				anchorage pad - suspension		
007	C00094714			1 x C00109645	suspension spring - tank 5kg	n1040320	
007	C00109645				tank spring	n1040320	
008	C00094782				tank plastic 46l (5kg) evoii h20##		
009	C00092155				door seal- rear retainer		
010	C00092156				door seal retainer front		
011	C00092154		41231...		door seal		
011	C00111416	50101...			door seal (30cm) (hl)		
012	C00275920				front ballance weight 9,4kg		
013	C00008612				tube clamp 34,6-36,4		
014	C00092411			1 x C00094908	hose clamp		
015	C00092174				hose tank to filter with oko ball		
017	C00055037				plastic expansion rivet	n1040373	
017	C00118593			1 x C00280757	plastic expansion peg		
018	C00065152				nut romob m6x22x1,5		
019	C00094712			1 x C00115753	shock absorber 100n	n1040373	
019	C00118592				shock absorber 100n evoii		
020	C00094908				hose clamp		
021	C00066183				hose dispenser to tank		
022	C00141042				shock absorber 100n kit	n1040373	

1230340 Exploded views



1230340 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00091633				supply cable 3x1 schuko		
002	C00019902				plastic -u- to make drain hose		
003	C00027466				drain hose - to sink l=1860mm		
005	C00096215				wiring dashboard av avl avsl evoii	n1040331	
006	C00087067			1 x C00143095	programme select bitron 16		
007	C00085195			1 x C00143096	potentiometer 8 pos. idc rast 2,5		
008	C00097580				reading desk to symbol		
009	C00093813				support - programme guide evo ii		
010	C00046154				additive cover		
011	C00046148			1 x C00281253	soap dispenser drawer (rotary)		
012	C00064529				dispenser body (hl)		
013	C00064537			1 x C00263210	support - pressure switch		
014	C00094717				pressure switch		
015	C00092412				hose clamp		
016	C00094746				pipe pressostat l=505		
017	C00019755				anti-vibration bush (foam)		
018	C00092173				air trap x oko		
019	C00085194				door interlock		
020	C00094715				heating element 1700w		
021	C00083915				thermistor ntc		
022	C00045023				filter handle		
022	C00045025				filter seal		
022	C00045027				pump filter kit	n1040381	
022	C00141034				filter element kit		
022	C00297161				filter element kit copreci		
023	C00076510			1 x C00092264	self cleaning pump 240v./50hz.	n1040381	
023	C00119307				drain pump		
024	C00094744				screw locking motor/tub		
025	C00092153			1 x C00288958	motor collector 850-1000 rpm		
025	C00097255			1 x C00196543	brush motor ceset 6170 a0946		
025	C00097257			1 x C00140558	tacho generator for motor ceset		
025	C00114885				carbon brush for motor sole		
025	C00114886				tachogenerator for motor sole		
025	C00273898				carbon brush for motor		
025	C00273911				tacho generator for motor welling		

1230340 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
028	C00091908				bracket for module st		
028	C00091909				support cover		
029	C00254297				power board module evoii (rhos)	n4008c01	
034	C00095669			1 x C00145046	hardware key mk1	n1040317	
035	C00092177			2 x C00064534	hopper cover 1e 2u ev		
				1 x C00110333			
				1 x C00115914			
036	C00110333				fill valve 2 way (7lt rst 2.5)		
037	C00064534				seal - dispenser to valve		
038	C00005572				sealing washer-mains inlet hose		
040	C00003070				mains inlet hose cold 25c 10bar		
042	C00064946				electrovalve support 1 ev		
044	C00262053				card avl62ex evoii 8kb sw	n4008c01	
045	C00263927			1 x C00272306	smart card reader		

Notices

n1040296: List of EVOII FAULTS and troubleshooting.

In case of washing-machine fault in carrying out the self-test function, the machine reproposes the fault previously signalled and the same fault is shown on the display of the new hardware key.
The type of fault can be signalled in different ways:
- on AVD models the fault is shown directly on the machine display.
- on AVL models the fault is signalled by LEDs.

Reading of Faults signalled by LEDs
When the machine has a fault:
1. The window is locked
2. The door lock light flashes fast (> 1 Hz)
3. The control panel LEDs light up, to signal the fault, according to the table (fig. 01).
The example shown in fig. 02 (Example Fault F03) below indicates which LEDs are flashing if the machine has Fault F03

List of faults, malfunctions and Warnings:

F01: Triac Motor short circuit
- Check for water leaks that may affect connector J9 causing the relevant contacts to short
- Check the motor terminal block (possible problems due to chemical effects of work residuals on the contacts which may cause short-circuiting)
- Replace Card

F02: Motor blocked, Tachometrics in Short Circuit/Open
- Check motor if blocked
- Check efficiency of J9 connector on card
- Check the tachometric winding verifying an ohmic resistance reading of 115 - 170 ohm between pins
1 and 2 on wiring connector J9. In case of short circuit/open circuit check the wiring between pins 1 and 2 of J9 relevant to the tachometrics. With three-phase motor, make sure there is ohmic continuity between J9 pins 6 and 7.
- Replace motor
- Replace card

F03: NTC Open or in Short Circuit or washing heater relay stuck (signalled in presence of full load)
- Check efficiency of J8 connector contacts on card
- Check NTC verifying that the ohmic resistance value at room temperature 20°C is approx. 20Kohm on J8 wiring connector pin 11 and 12.
- If the measurement is incorrect check J8/NTC wiring continuity
Check the same parameter directly on NTC
- Replace NTC
- Replace Card

F04: Simultaneous empty and overflow (pressure switch stuck on empty).
If the pressure switch contact is stuck on empty the washing-machine loads water until reaching the overflow. The drain pump is automatically started by the contact on the overflow pressure switch.
- Check efficiency of J3 connector contacts on card
- Check pressure switch status by checking ohmic continuity on wiring connector J3 pins 2 and 4 (it must only be present with tub empty), pins 2 and 3 (it must only be present with water in the drum) and pins 2 and 1 (it must only be present with water in the tub above normal level, more than halfway up door glass).
- Check wiring of connector J3/pressure switch
- Replace pressure switch
- Replace card.

F05: Pump Blocked or pressure switch empty not reached
- Check efficiency of J9 connector on card, verifying a voltage of 220V between pins 8 and 9
- Check that pump if being fed
- Check Pump Filter + wall drain
- Change Pump
- Replace Card

F06: No on AVD and AVL

F07: No Wash Heating Element Absorption (the fault is only signalled with the pressure switch on empty)
- Check efficiency of J3 connector contacts on card
- Check continuity of the wash heating element on J3 connector pins 5 and 6. The 1800W 230V heating element has a resistance of 25 ohm.
- Check connection of pressure switch J3 connector pins 2 and 3: there must not be ohmic continuity (shared with full load).
Check connection of pressure switch J3 connector pins 2 and 4: there must be ohmic continuity
- Replace Heating Element
- Replace Pressure Switch
- Replace Card

F08: Wash Heater Relay Stuck (signalled in presence of empty) or pressure switch stuck on Full (simultaneously empty and full)
- Check efficiency of J3 connector contacts on card
- Check pressure switch status by checking ohmic continuity on wiring connector J3 pins 2 and 4 (it must only be present with tub empty), pins 2 and 3 (it must only be present with water in the drum) and
pins 2 and 1 (it must only be present with water in the tub above normal level, more than halfway up door glass).
- Check wiring J3/pressure switch
- Check connection of heating element J3 connector pins 5 and 6.
- Replace pressure switch
- Replace Card

F09: Machine Setup Error (Eeprom error)
- In case of production card with Eeprom soldered: replace the card and Eeprom
- In case of replacement of Eeprom and card, check correct housing of Eeprom on card socket

F10: No full and empty signal
- Check efficiency of J3 connector contacts on card
- Check pressure switch status by checking ohmic continuity on wiring connector J3 pins 2 and 4 (it must only be present with tub empty), pins 2 and 3 (it must only be present with water in the drum) and
pins 2 and 1 (it must only be present with water in the tub above normal level, more than halfway up door glass).
- Check wiring of connector J3/Pressure switch
- Replace Pressure Switch
- Replace Card

F11: No Pump Feedback (Drain pump disconnected or winding broken)
- Check efficiency of J9 connector on card
- Check continuity of the Pump on J15 connector pins 1 and 2 (in case of washing-machine with Easy Door door lock) or on J9

connector pins 8 and 9 (in case of conventional door lock), checking a resistive value equal to 170 ohm.
- Check wiring of connector J15 (or J9)/Pump
- Replace Pump
- Replace Card

F12: No Communication Display/LED Card-Main Board
- Check efficiency of contacts on card of J11 connector
- Check the continuity of J11 connector-display card 5-pin connector
- Replace Main Board
- Replace Display Card/LED

F13: Drying NTC sensor open / Drying system NTC wiring disconnected
Check efficiency of J10 connector on card
Check NTC on J10 connector pins 7 and 8 verifying that the ohmic value of the sensor at room temperature 20°C is approx. 20Kohm
Check continuity of NTC/J10 connectors wiring
Replace NTC
Replace card

F14: Drying heater open or not connected
Check efficiency of J2 connector contacts on card
Check continuity of drying heater on J2 wiring connector pins 1 and 2, verifying that the ohmic value of the 1300W 230V heating element is approx. 40Kohm
Check wiring of connector J10/drying heater
Replace heating element
Replace card

F15: Drying heater always on (drying relay contact stuck or drying Triac short circuit)
Check efficiency of J2 connector contacts on card of
Check wiring of connector J2/drying heater
Check wiring of connector J3/pressure switch
Replace card

F16: Drum locking (top-loading only)

F17: Door lock unfed/open (with Easy Door)
- Check presence of 230V mains power on J4 wiring connector inserted on card between pins 3 and 4,
(not present with machine on standby) and presence of power from 230V door lock between pins 3 and 5
- Check ohmic continuity of the door microswitch on J4 connector inserted on card between pins 1 and 2 (with door closed/on open/off)
- Check continuity of J4/door lock wiring
- Check door hooking
- Replace door lock
- Replace card

F17: Door lock unfed/open (conventional door lock, not Easy Door)
- Check presence of 230V mains power on J4 wiring connector inserted on card between pins 2 and 3,
(not present with machine on standby) and presence of power from 230V door lock between pins 3 and 1
- Check door hooking
- Replace door lock
- Replace card

F18 --> Communication error microprocessor / DSP (Digital Signal Processor)
- Replace card

COMBINAZIONE LED

SIMBOLOGIA:

= LED ACCESO = LED SPENTO

FAULT	LED Fasi	TASTI FUNZIONI			
F01	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F02	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F03	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F04	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F05	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F06	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F07	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F08	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F09	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F10	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F11	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F12	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F13	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F14	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F15	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F16	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F17	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4
F18	LED 4	Tasto 1	Tasto 2	Tasto 3	Tasto 4

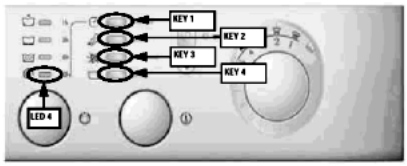


ARISTON



INDESIT

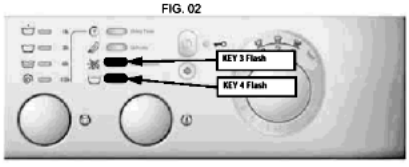
FIG. 01



Fault	Key 1	Key 2	Key 3	Key 4	Led 4
01	Off	Off	Off	Flash	Off
02	Off	Off	Flash	Off	Off
03	Off	Off	Flash	Flash	Off
04	Off	Flash	Off	Off	Off
05	Off	Flash	Off	Flash	Off
06	Off	Flash	Flash	Off	Off
07	Off	Flash	Flash	Flash	Off
08	Flash	Off	Off	Off	Off
09	Flash	Off	Off	Flash	Off
10	Flash	Off	Flash	Off	Off
11	Flash	Off	Flash	Flash	Off
12	Flash	Flash	Off	Off	Off
13	Flash	Flash	Off	Flash	Off
14	Flash	Flash	Flash	Off	Off
15	Flash	Flash	Flash	Flash	Off
16	Off	Off	Off	Off	Flash
17	Off	Off	Off	Flash	Flash

Table Fault LED

FIG. 02



Example Fault F03

Tabla de averías para lavadora EVO II

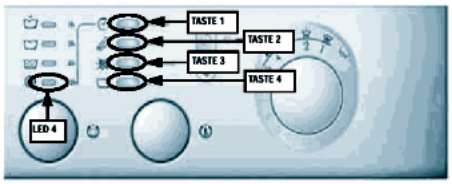


– LED

CO		MBINACIÓN LED				
FAULT	CAU SA	LED Fase	TECLAS FUNCIONES			
F01	Triac control motor en corto	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F02	Motor bloqueado, taquímetro motor abierto / en corto	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F03	Sonda NTC lavado abierta / en corto	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F04	Vacío + sobrenivel presostato simultaneamente	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F05	No se logra vacío presostato bomba desagüe bloqueada	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F06	Error de selector (no encuentra código)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F07	Falta absorción en la resistencia de lavado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F08	Relé resistencia de lavado con el contacto NA/NC pegado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F09	Error setup file (EEPROM no programada o correcta)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F10	Presostato en llena=Vacío o sin señal de vacío ni llena	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F11	Falta alimentación a la bomba de desagüe	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F12	Falta comunicación entre módulo display y modulo de control	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F13	Sonda NTC secado abierta/corto. Ventilador secado bloqueado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F14	Falta alimentación a la resistencia de secado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F15	Contacto relé resistencia de secado pegado	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F16	Bloqueo de cesto (solo carga superior)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F17	Bloqueo puerta desalineado /abierta	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F18	Error de comunicación Micro/DSP (MODULO)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4

SIMBOLOGIA:
= led encendido
= led apagado

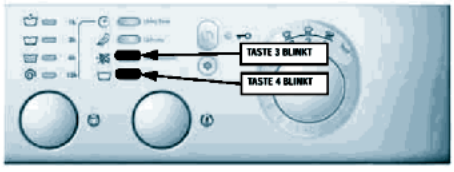
ABB. 01



Fault	Taste 1	Taste 2	Taste 3	Taste 4	Led 4
01	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Blinkt	Ausgeschaltet
02	Ausgeschaltet	Ausgeschaltet	Blinkt	Ausgeschaltet	Ausgeschaltet
03	Ausgeschaltet	Ausgeschaltet	Blinkt	Blinkt	Ausgeschaltet
04	Ausgeschaltet	Blinkt	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet
05	Ausgeschaltet	Blinkt	Ausgeschaltet	Blinkt	Ausgeschaltet
06	Ausgeschaltet	Blinkt	Blinkt	Ausgeschaltet	Ausgeschaltet
07	Ausgeschaltet	Blinkt	Blinkt	Blinkt	Ausgeschaltet
08	Blinkt	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet
09	Blinkt	Ausgeschaltet	Ausgeschaltet	Blinkt	Ausgeschaltet
10	Blinkt	Ausgeschaltet	Blinkt	Ausgeschaltet	Ausgeschaltet
11	Blinkt	Ausgeschaltet	Blinkt	Blinkt	Ausgeschaltet
12	Blinkt	Blinkt	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet
13	Blinkt	Blinkt	Ausgeschaltet	Blinkt	Ausgeschaltet
14	Blinkt	Blinkt	Blinkt	Ausgeschaltet	Ausgeschaltet
15	Blinkt	Blinkt	Blinkt	Blinkt	Ausgeschaltet
16	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Blinkt
17	Ausgeschaltet	Ausgeschaltet	Ausgeschaltet	Blinkt	Blinkt

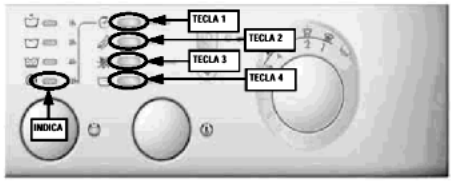
Tab. Störung Led

ABB. 02



Beispiel Störung F03

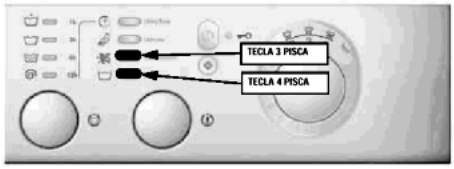
FIG. 01



Fault	Tecla 1	Tecla 2	Tecla 3	Tecla 4	Indicador luminoso 4
01	Apagado	Apagado	Apagado	Pisca	Apagado
02	Apagado	Apagado	Pisca	Apagado	Apagado
03	Apagado	Apagado	Pisca	Pisca	Apagado
04	Apagado	Pisca	Apagado	Apagado	Apagado
05	Apagado	Pisca	Apagado	Pisca	Apagado
06	Apagado	Pisca	Pisca	Apagado	Apagado
07	Apagado	Pisca	Pisca	Pisca	Apagado
08	Pisca	Apagado	Apagado	Apagado	Apagado
09	Pisca	Apagado	Apagado	Pisca	Apagado
10	Pisca	Apagado	Pisca	Apagado	Apagado
11	Pisca	Apagado	Pisca	Pisca	Apagado
12	Pisca	Pisca	Apagado	Apagado	Apagado
13	Pisca	Pisca	Apagado	Pisca	Apagado
14	Pisca	Pisca	Pisca	Apagado	Apagado
15	Pisca	Pisca	Pisca	Pisca	Apagado
16	Apagado	Apagado	Apagado	Apagado	Pisca
17	Apagado	Apagado	Apagado	Pisca	Pisca

Tab. Fault indicador luminoso

FIG. 02



Exemplo Fault F03



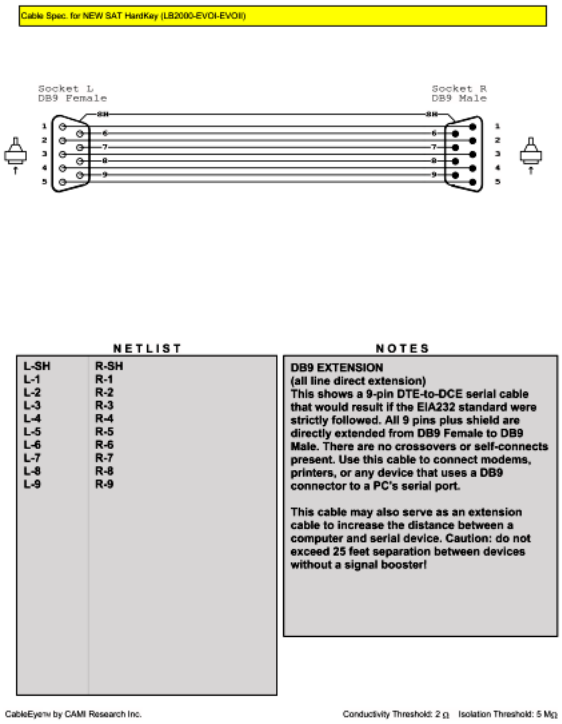
Cruscotto - Tableau de borde - Belde - Control panel
Painel frontal - Quadro Mandos - Kontrol paneli

n1040317: LB2000, EVOI, EVOII serial hardware key and relevant serial cable.

The new serial hardware key Service code 095669, usable on all LB2000, EVOI and EVOII washing machines, can be connected to the PC by means of F/M 9-pole cable Service code 099862 (see fig.001).
The previous F/F pin-to-pin 9-pole serial cable Service code 084943 can be used with the new key only if it is provided with the M/M serial connector code 099861 (see fig. 002).

Cable code 084943 and serial key code 084566 will be available until stocks run out, after which they will be replaced by ESI with Service codes 099862 and 095669 respectively.





n1040318: 46-litre bowl unit with H= 15 mm basket shaft.

From serial no. 40224.0001, following washing machines produced in the Teverola factory are equipped with the 46-litre bowl

unit with 15 mm basket cross shaft in place of 17 mm and the 280 mm diameter pulley with 15 mm central hole Service code 097268 in place of the 280 mm diameter pulley with 17 mm central hole Service code 064527.
The industrial codes of the models affected by this modification remain the same.

Code 30139 - WI8FR
Code 30146 - WIL66IT
Code 30000 - WI10FR
Code 30545 - WIE87EX
Code 39535 - WIL95KW
Code 30353 - WI82EX
Code 30356 - WIL105EX
Code 30354 - WIL85EX
Code 30145 - WIL86IT.
The same modification from serial nos. 40301.0001, 40308.0001 and 40503.0001 also affects the following models:

Serial no. 40301.0001.
Code 30548 WIE107EX
Code 30455 WIL105DE
Code 30526 WIL62EX
Code 29541 W101EX
Code 30223 WIE87IT
Code 30222 WIE107IT.

Serial no. 40308.0001.
28482 - AVL105TK
28479 - AV82TK
28480 - AVL85TK
28481 - AV102TK
28484 - AVD8TK
28485 - AVD10TK
30093 - AVL86PIT
30055 - AVL6EIT
29775 - AVL62EX
30056 - AVL8EIT
30206 - AVL105SK
30357 - AVL100PR
30361 - AVL95AUS
30611 - AVL64EU
30612 - AVL65PT
30490 - WIL81TK
30235 - WILM64IT
30492 - WIL101TK
30488 - WI100TK
30486 - WI80TK
30196 - WI101UK
30523 - WI102AUS
30513 - WI82AUS
30503 - WI62AUS

Serial no. 40503.0001.
29999 - LISA100FR
30092 - AVL66PIT
30144 - WIL106IT.

When replacing the bowl unit on these models the 46-litre unit with H17 mm basket shaft Service code 113810 (already given in the documentation of all 46-litre models) equipped with the 280 mm diameter pulley with H 17 mm hole Service code 064527,

must be used.

n1040320: Introduction of springs 109645 in place of 094714.

From serial no. 40308.0001, all washing machines affected by this note have been equipped with springs Service code 109645 in place of 094714.

n1040331: Ariston LED restyling

From serial no. 40429.0001, models AVL, AVXL, AVSL, AML have been equipped with a new panel with well holes for the ON/OFF and RESET buttons and flush plastic light diffusers in place of the projecting siliconed ones (see picture n10402231 Fig.02). These features determine whether an appliance is modified or premodification.
The modification has also involved the electronic card whose panel and display communication connectors are on the left and not at the back (see picture n10402232 Fig.2).

The codes affected by this modification are:

For model AVSL85PL only
C00109966 - PANEL + HANDLE AVSL85PL LC

For model AVSL85EU only
C00109956 - PANEL + HANDLE AVSL85EU LC

For both models
C00143338 - LED CARD EVOII AVL /BUILT-IN ARISTON
C00110115 - WHITE BUTTONS ON-OFF/RESET EVOII LED KIT
C00109854 - PANEL WIRING LBE EVOII
C00110055 - SILICONED BUTTONS AVL-AVSL
C00110059 - PANEL WIRING -DISPLAY 240000848B2.
C00111227 - WIRING MAIN - DISPLAY 24000084804B1 (POLARIZED).
The new parts are only interchangeable with the pre-modification ones if used altogether. They are not individually interchangeable.

This modification progressively involves all models of the Ariston Led range. The last two numbers of the Industrial Code for the modified models is 50 (e.g. 80299050050).

Brembate production (cod.ind 91...) s/n 40628.0001

Fig. n10402231



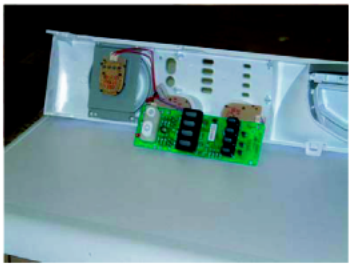
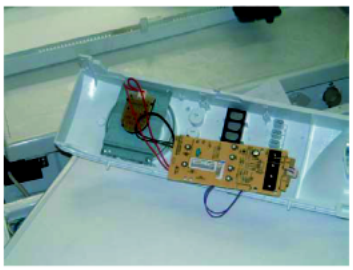


Fig. n10402232



n1040338: Masked microprocessor and software 9.0.0.

All Ariston LED models produced in the Comunanza factory (from serial no. 40913.0001) and in the Teverola and Brembate factories (from serial no. 40922.0001) have been equipped with a display module with masked microprocessor and software 9.0.0.
The new LED module has the same SAT code as the previous item C00109856, and can be used on premodification models except for those listed below, for which, if a LED module needs replacing, it will be necessary to replace also the power card and eeprom.
For these models, the eeproms in stock in the various Warehouses have been reprogrammed with new software and can also be used on premodified appliances.

Models affected:
30580 - AML101AG
30582 - AML105EX
30588 - AML119TK
30591 - AML125AUS
30590 - AML125EX
30598 - AML129EU
30576 - AML85EX
30596 - AML89EU
33968 - AV62EU
30063 - AVL61EX
28480 - AVL85TK
30357 - AVL100PR
29844 - AVL105EX
30206 - AVL105SK
28482 - AVL105TK

29700 - AVL109R
29841 - AVL129EU
28637 - AVL129R
32854 - AVL135FR
33180 - AVL145DETE
30365 - AVL145DE
29850 - AVL145EU
33612 - AVL145EUTE
29455 - AVL149R
32855 - AVL160FR
29849 - AVL169EU
33244 - AVL62EO
30062 - AVL62EX
33685 - AVL62KW
30612 - AVL65PT
30092 - AVL66PIT
28444 - AVL80R
30093 - AVL86PIT
29920 - AVSL105EU
28429 - AVSL109IT
29701 - AVSL109R
30023 - AVSL125EU
31930 - AVSL129IT
29769 - AVSL129R
29116 - AVSL66IT
28427 - AVSL68IT
28638 - AVSL80R
29117 - AVSL89IT
33214 - BWD129ALL
33213 - BWM129UK
32570 - CDE129ALL
32569 - LBE129ALL
32306 - LBE68ALL
29772 - AVXL109R
30081 - AVL62EX
30879 - AVL68ITBG
33191 - AVL66PITBG
30208 - AVL82EU

n1040352: New 150° Zamac hinge on Ariston front-load 5 - 6 KG WMs (Brembate).

From serial no. 50201.0001, all washing machines affected by this note have been equipped with the new hinges with 150° opening rather than 180°.

The items affected by this modification are:

HINGE: new spare part code 115666, premodification spare part code 064541;

DOOR ASSEMBLY: new spare part code 115670, premodification spare part code 092157;

5 KG BODY: new spare part code 116032, premodification spare part code 097549;

6 KG BODY: new spare part code 116033, premodification spare part code 097709.

n1040360: Polar White Factory 91 (Brembate)

From serial no. 50404.0001, the new "Polar White" colour is used on all washing machines produced in factory 91 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. 91298310900).
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.

n1040373: Modification of shock absorber and expander on LVB 5KG produced in Brembate.

As from serial no. 50801.0001, new shock absorbers and expanders have been introduced.

New Part codes:
C00118592 - shock absorber
C00118593 - expander

Premodification Part codes:
C00115753 (EX C00094712) - shock absorber
C00055037 - expander

The new parts can be used (but not separately) also on all appliances equipped with shock absorbers 100N - C00115753 and C00094712; in this case, it will be necessary to replace both shock absorbers / expanders using kit C00141042, which is composed of two new shock absorbers and two new expanders.

n1040381: Drain pump with bayonet-style filter - front Loading Brembate

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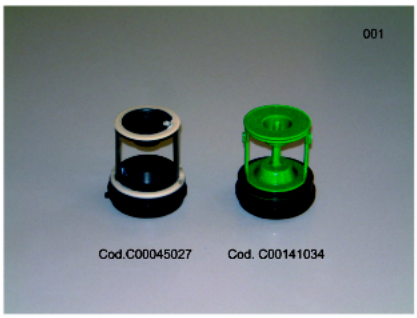
From serial no. 50720.0001 a new drain pump with bayonet-style filter has been installed on all front loading washing machines manufactured in Brembate.

New parts:
C00119307 - Drain pump

C00141034 - Pump filter kit

Premodification parts:
C00092264 - Drain pump
C00045027 - Pump filter kit

The new parts can be used instead of premodification ones.



n4008c01: Smart Card - LVB/DRYERS

Beginning April 2008 spare parts warehouse started to manage the EVOII modules with eeprom fixed, these can only be programmed with smart card/palmare/pc.

Attention!! The premodification with eeprom socket can be programmed with smart card/palmare/pc using a blank eeprom or with pre programmed eeprom.

Spare parts of modules with eeprom fixed/eeprom socket:

C00265676 with eeprom fixed - C00143068 with eeprom socket - for models with conducibility sensor
C00254298 with eeprom fixed - C00143068 with eeprom socket - for models without conducibility sensor
C00254297 with eeprom fixed - C00259941 with eeprom socket
C00254531 with eeprom fixed - C00143058 with eeprom socket
C00254297 with eeprom fixed - C00143057 with eeprom socket - for models without blocking drum
C00265697 with eeprom fixed - C00143057 with eeprom socket - for models with blocking drum
C00254297 with eeprom fixed - C00143056 with eeprom socket
C00254530 with eeprom fixed - C00259738 with eeprom socket

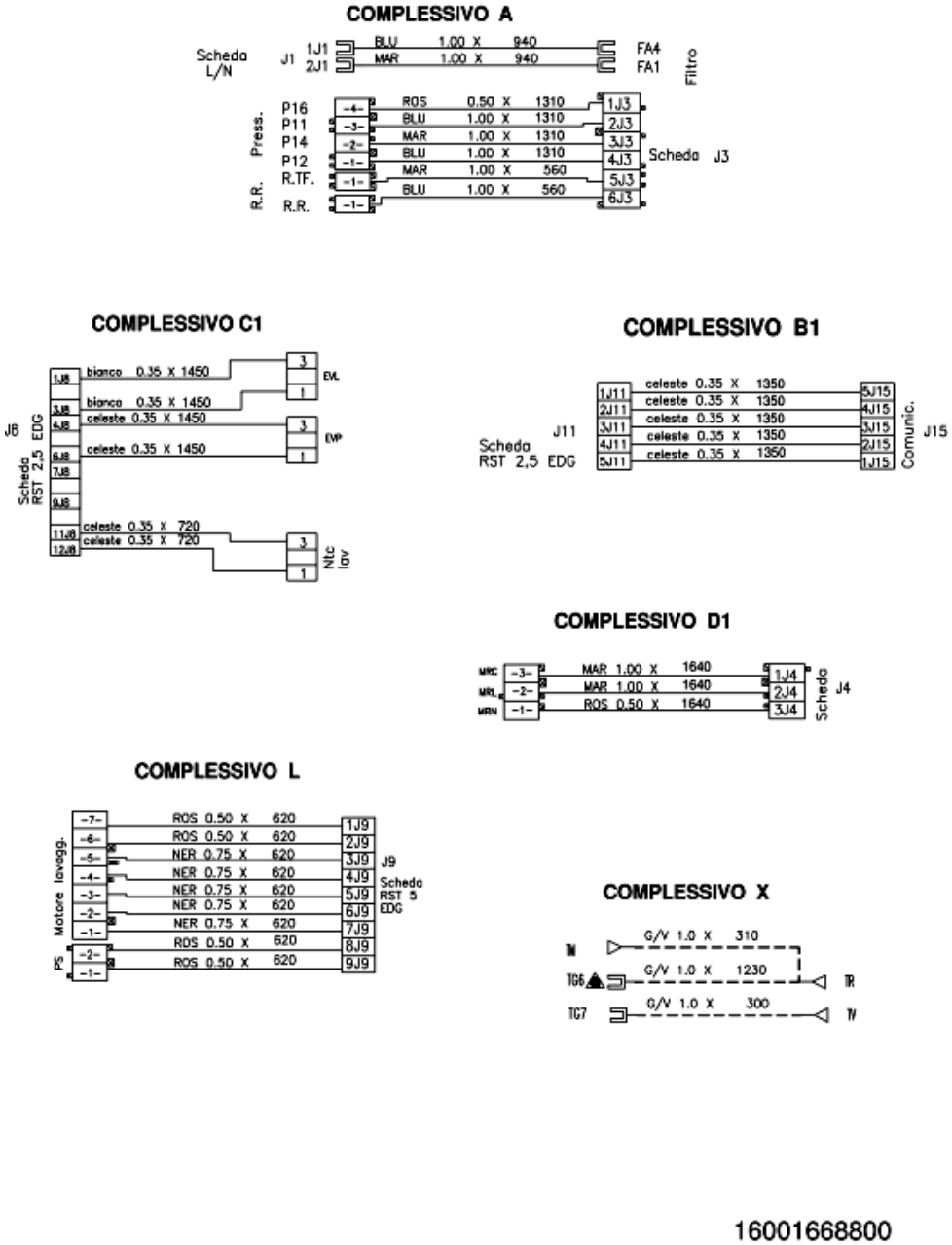
C00254533 with eeprom fixed - C00143060 with eeprom socket
C00254535 with eeprom fixed - C00145013 with eeprom socket
C00254530 with eeprom fixed - C00145551 with eeprom socket
C00254529 with eeprom fixed - C00142293 with eeprom socket
C00257406 with eeprom fixed - C00143989 with eeprom socket
C00257409 with eeprom fixed - C00144151 with eeprom fixed
C00254530 with eeprom fixed - C00143069 with eeprom fixed

DRYERS
C00255835 with eeprom fixed - C00258789 with eeprom socket
C00255835 with eeprom fixed - C00194077 with eeprom socket

This notice has a "reference list" specific for each product where you can find the link between smart card and the eeprom code with the same software.

Electric schemes and links

Cod. 16001668800



16001668800

Legend

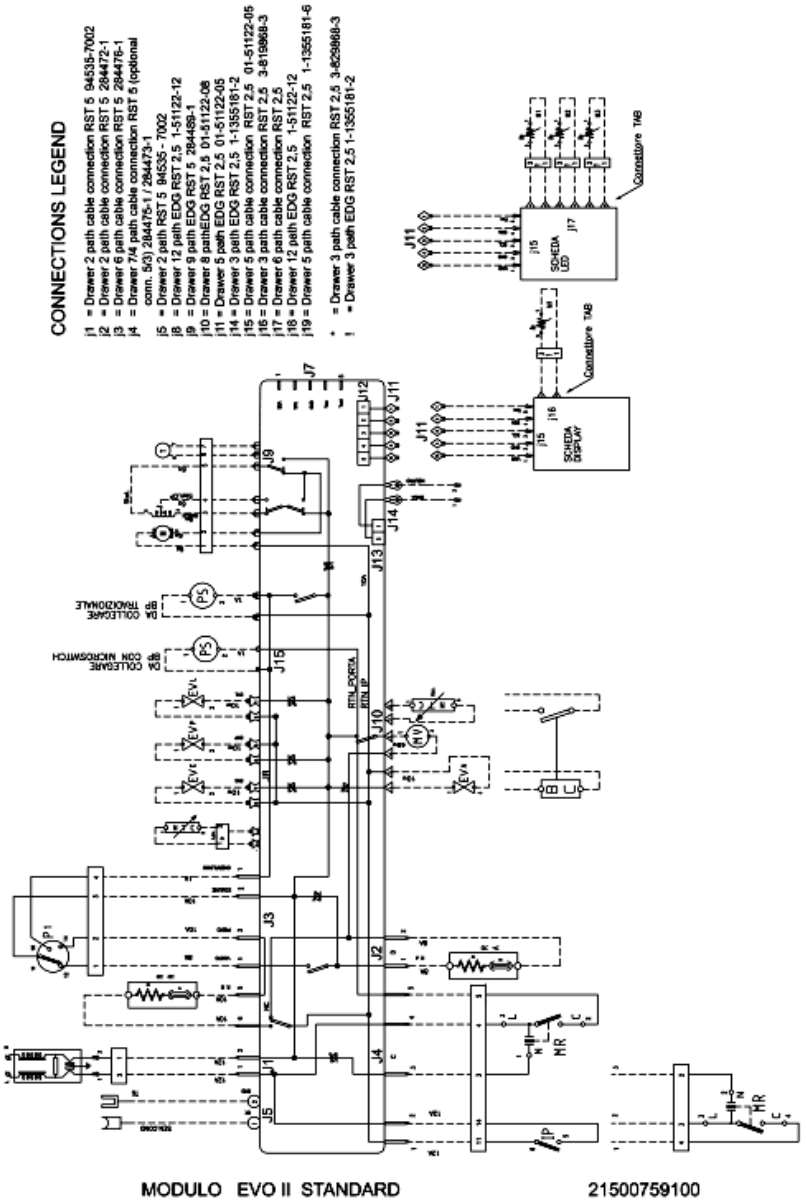
Legend: 16001668800

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. 21500759100



Legend

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