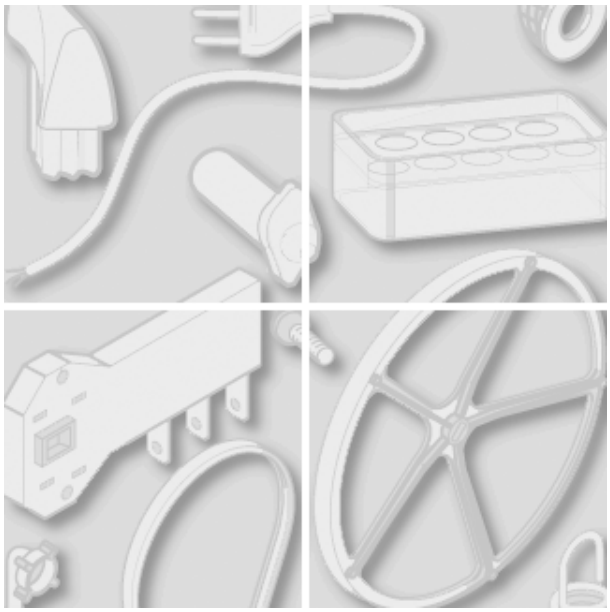
INDESIT company



Model type:
WIE87EX

Commercial code:
F030545

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

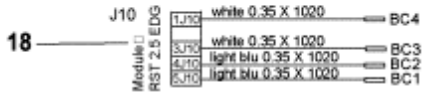
INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

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

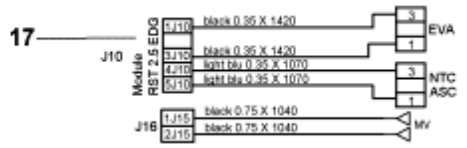
7.Technical documentation cover shows model name and its commercial codes

1140960 Exploded views

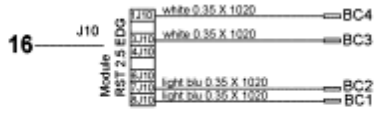
The new wiring when fitted, must be securely attacched to the machine wiring with insulating tape. **Matr. 61116.0001**



WIRING P = DRUM BLOCK COD. C00141995



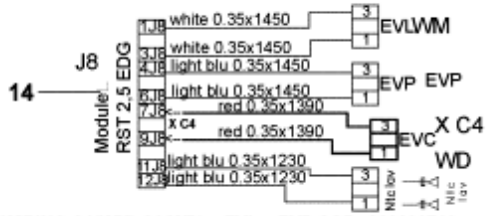
WIRING F = EVA+NTCAS / WIRING G = MTV COD. C00141769



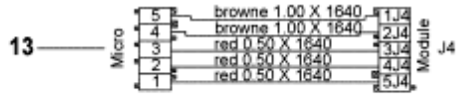
WIRING P = DRUM BLOCK COD. C00112822



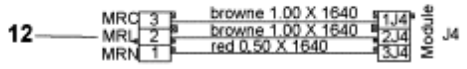
WIRING B2 = DISPLAY CONNECTION COD. C00111227



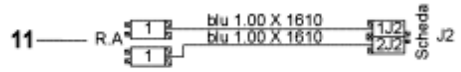
WIRING C1(WM) C3(WD) = EVL + EVP COD. C00093713
WIRING C4 (WD) = EVL + EVP + EVC COD. C00109950



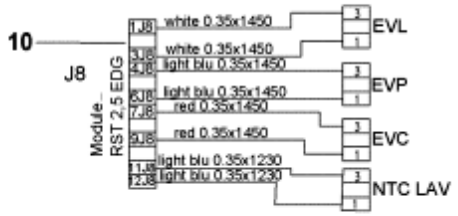
WIRING D = INTERLOCK. + MICRO SWITCH COD. C00093714



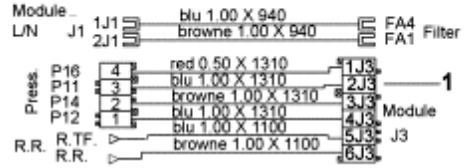
WIRING D1 = INTERLOCK. COD. C00093715



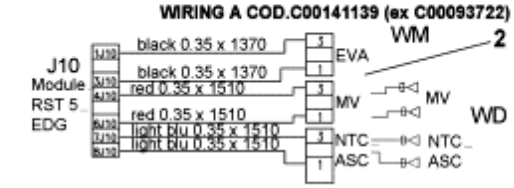
WIRING H = DRYING ELEMENT COD. C00093716



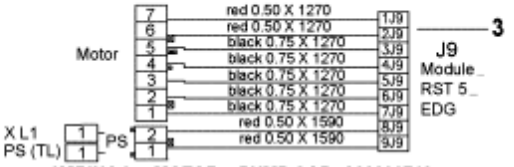
WIRING C = EVL + EVP + EVC COD. C00093724



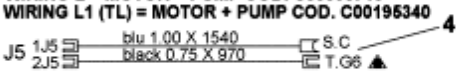
WIRING A COD.C00141139 (ex C00093722)



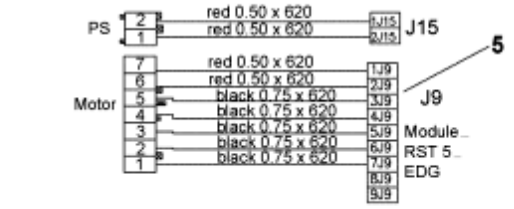
WIRING F = EVA + MV + NTCAS COD.C00093717



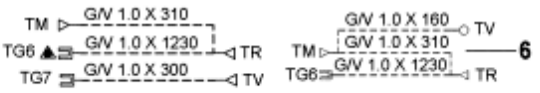
WIRING L = MOTOR + PUMP COD. C00093718
WIRING L1 (TL) = MOTOR + PUMP COD. C00195340



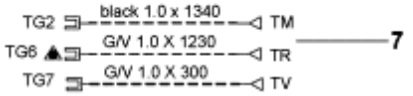
WIRING I = CONDUCTIVITI SENSOR COD. C00093725



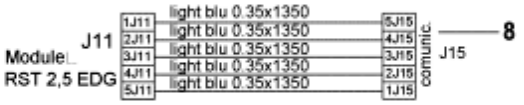
WIRING N = MOTOR + PUMP COD. C00093719



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

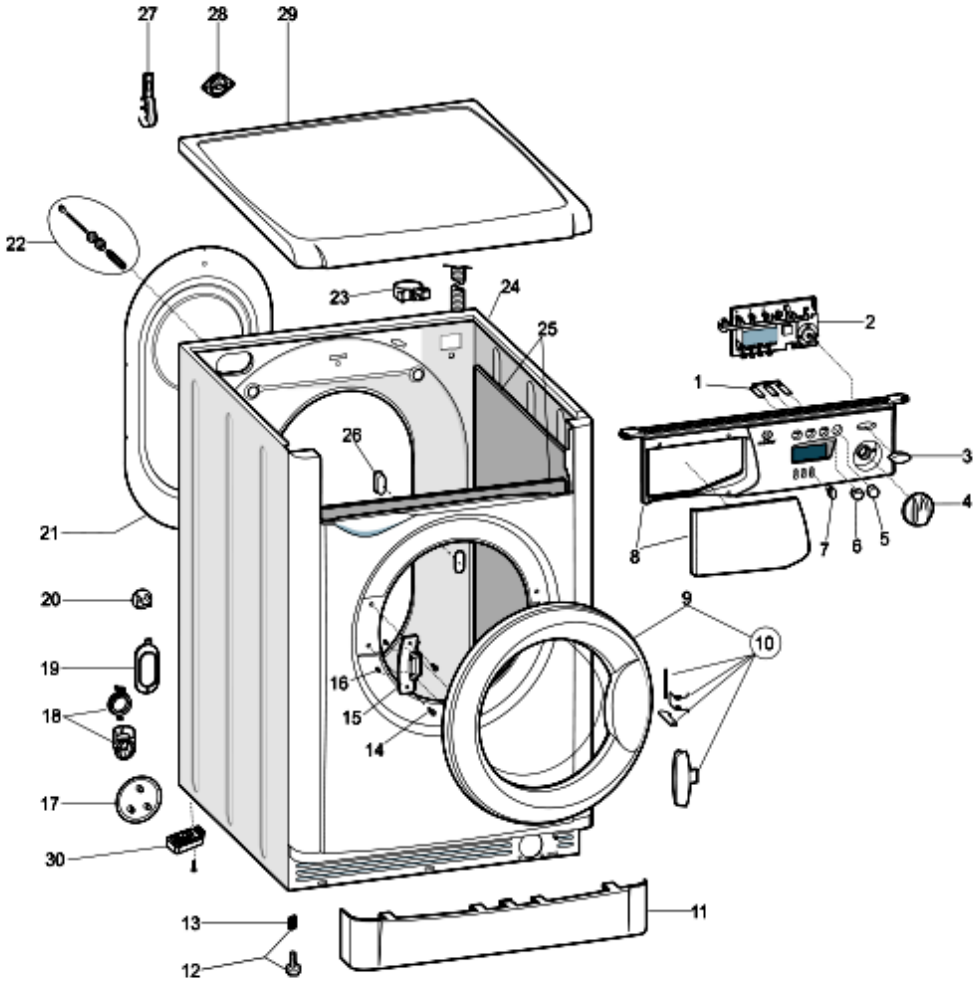
1140960

1140960 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00141139				wiring		
005	C00093719				wiring pump-motor-module		
007	C00093721				wiring earth triphase		
008	C00093726				wiring display		
010	C00093724				wiring module-electrovalve		
014	C00093713				wiring ntc-evl+evp-module j8		

1180180 Exploded views

Matr. 30920.0002



1180180

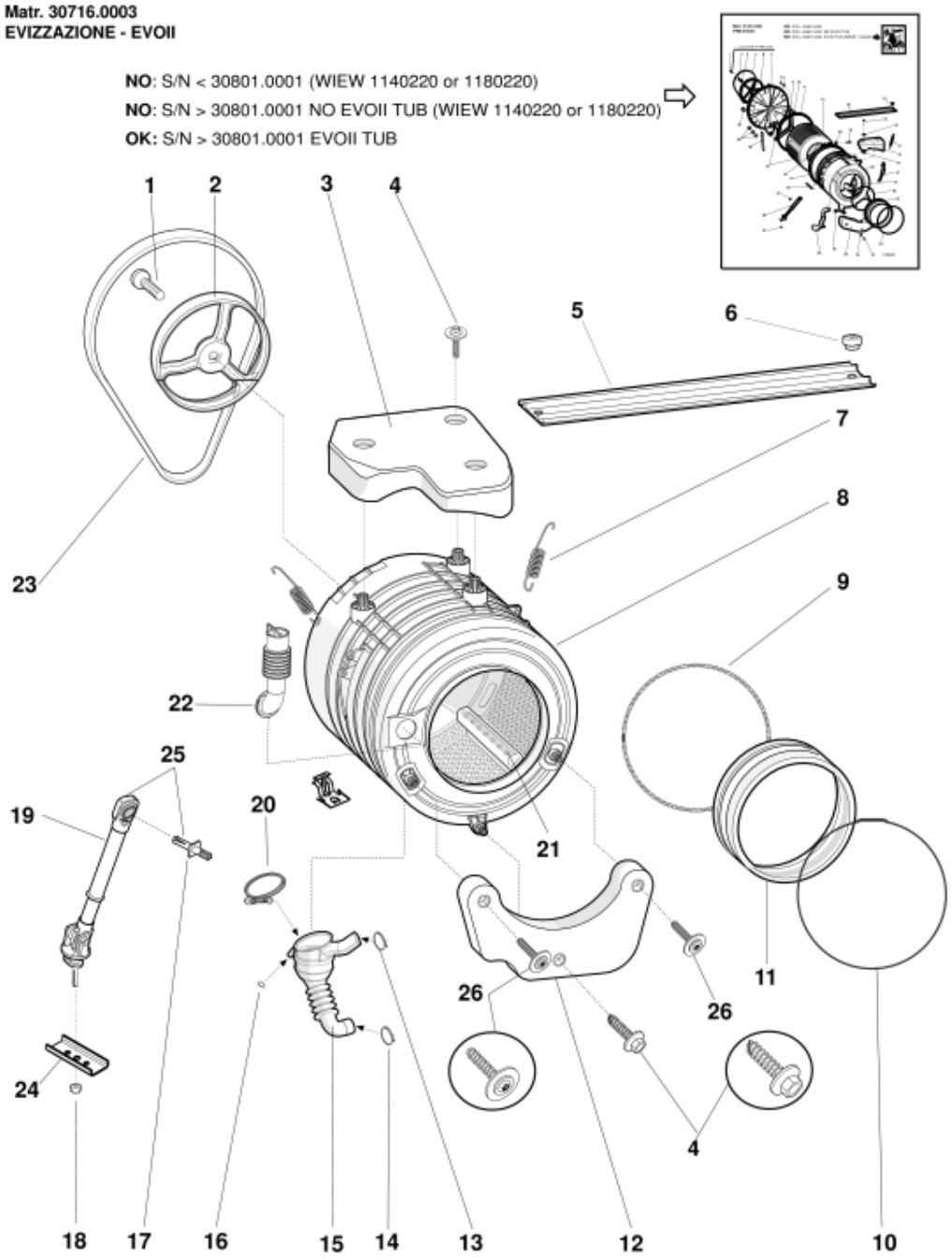
1180180 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00099939				user instructions booklet gb-bg-sl-		
001	C00097011			1 x C00203127	pilot lamp lens horizontals		
002	C00096999			1 x C00111960	control card digit ind.evoii		
				1 x C00114634			
003	C00096932				on/off push button white	n1040356	46305450000
003	C00116243				pushbutton b pw on/off		46305450900
004	C00096857			1 x C00115924	components knob white 27 ind.	n1040356	46305450000
004	C00115924				knob white		46305450900
005	C00096933				push button white	n1040356	46305450000
005	C00116245				push button white		46305450900
006	C00096935				pushbutton white 27 ind.evoii	n1040356	46305450000
006	C00116244				pushbutton white pw ind.evoii		46305450900
007	C00097066				pushbutton white 27 ind.evoii		
008	C00099941				control panel + handle wie87ex	n1040356	46305450000
008	C00116484				control panel + handle pw		46305450900
009	C00096860			1 x C00115842	door frame b27 and glass assy	n1040356	46305450000
009	C00115842				door frame & glass assy		46305450900
010	C00096865				door handle kit		
011	C00096855			1 x C00115813	plinth white ind. tev. evoii	n1040356	46305450000
011	C00115813				plinth white		46305450900
012	C00143730			1 x C00264036	foot m8 h=2,9 cm rohs thread 8	n4007j00	
013	C00059869				spring for foot d =11 mm h = 21		
014	C00096210				screw self tapping		
015	C00075325			2 x C00096210	hinge door 3.5 mm indesit		
				1 x C00255430			
016	C00065185				bolt m4,5 x 8		
017	C00089803				blanking plug d = 53 mm		
018	C00064755				drain hose collar		
019	C00044085				plug cabinet		
020	C00089804				blanking plug		
021	C00046924				rear cover white	n1040356	46305450000
021	C00115812				rear panel white pw		46305450900
022	C00077411				transit bolts kit (1 screw + 1		
023	C00019685				drain hose hook		
023	C00046667				wiring stop		

1180180 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
023	C00064550				drain hose holder		
024	C00096852			1 x C00115811	cabinet white evo ii tev ind.	n1040356	46305450000
024	C00285207				cabinet white pw indesit (1 hole)		46305450900
026	C00084817				blanking plate-rear(test plug)		
029	C00096859			1 x C00115814	worktop - white ind.tev. evoii	n1040356	46305450000
029	C00115814				worktop - white		46305450900
030	C00254045				back foot - rear h= 10 mm	n4007j00	

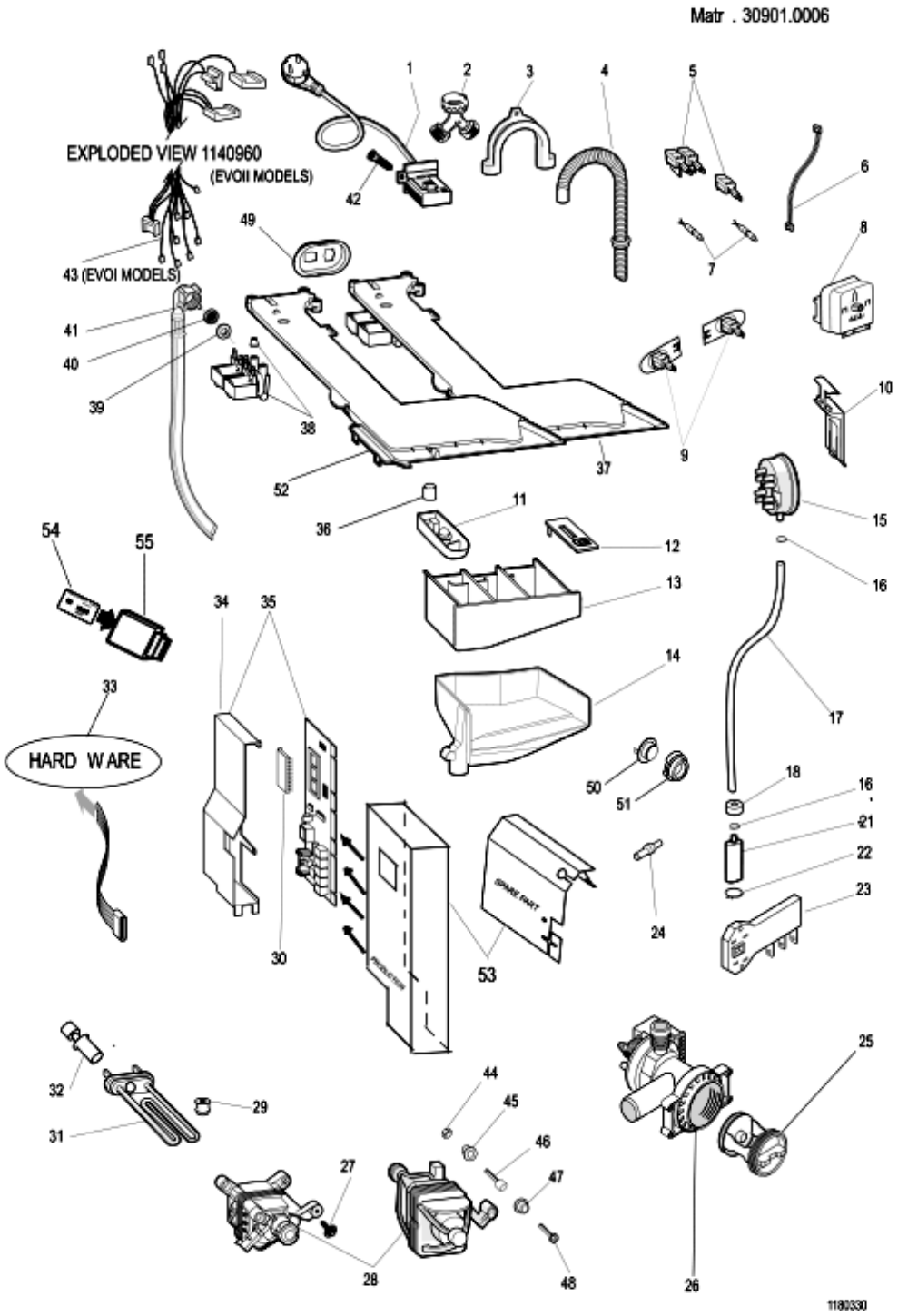
1180250 Exploded views



1180250 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00064786			1 x C00143260	bolt m8x23 torx tefl		
002	C00064527				drum pulley cone d=280 mm h=	n1040305 n1040318	
002	C00097268				drum pulley d=280 mm h=15 mm		
003	C00094710				top ballance weight 15kg		
004	C00094741			1 x C00118612	screw locking counterweight/tub		
004	C00194611				screw.pl28 9.5x50 tmtfr t40	n4011c00	
005	C00055397				tank cradle channel top		
006	C00047133				spring support top white 1 per pick		
007	C00096195				suspension spring		
008	C00113810				46l plastic tank/pulley		
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	C00094711				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	n1040372	
017	C00118593			1 x C00280757	plastic expansion peg		46305450000 46305450900
018	C00065152				nut romob m6x22x1,5		
019	C00097259			1 x C00140744	shock absorber 100 n	n1040372	
020	C00094908				hose clamp		
021	C00065463				lifter 40 - 46l		
022	C00066183				hose dispenser to tank		
023	C00082318				belt hutchinson 8phe 1195		
024	C00110233				cabinet plate		
025	C00140744				shock absorber 100 n kit		46305450000 46305450900
026	C00194612				screw larger diameter 11.3x50 kit	n4011c00	
099	C00001109				loctite 270 10 gr.		
099	C00033026			1 x C00292523	ambljgon grease ta 100 gr.		

1180330 Exploded views



1180330 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00091633				supply cable 3x1 schuko		
003	C00019902				plastic -u- to make drain hose		
004	C00027466				drain hose - to sink l=1860mm		
010	C00050186				bracket - pressure switch		
011	C00075459				additive container		
012	C00047069			1 x C00097834	additive cover		
013	C00097732				soap dispenser drawer		
014	C00099206				dispenser body		
015	C00096880				pressure switch (hl)		
016	C00092412				hose clamp		
017	C00094746				pipe pressostat l=505		
018	C00019755				anti-vibration bush (foam)		
021	C00092173				air trap x oko		
022	C00008612				tube clamp 34,6-36,4		
023	C00065185				bolt m4,5 x 8		
023	C00085194				door interlock		
026	C00119307				drain pump		
027	C00094744				screw locking motor/tub		
028	C00092153			1 x C00288958	motor collector 850-1000 rpm		
028	C00097255			1 x C00196543	brush motor ceset 6170 a0946		
028	C00097256				tacho generator for motor ceset		
028	C00097257			1 x C00140558	tacho generator for motor ceset		
028	C00114885				carbon brush for motor sole		
028	C00114886				tachogenerator for motor sole		
028	C00273898				carbon brush for motor		
028	C00273911				tacho generator for motor welling		
029	C00058523				pillar retainer-heating element		
031	C00094715				heating element 1700w		
032	C00083915				thermistor ntc		
033	C00066292				insulated tweezers		
033	C00084943			1 x C00099862	serial cable lb2000 - pc	n1040317	
033	C00095669			1 x C00145046	hardware key mk1	n1040317	
034	C00091908				bracket for module st		
034	C00091909				support cover		
035	C00254297				power board module evoii (rhos)	n4008c01	

1180330 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
036	C00046157				stopper detergent container		
037	C00096877			2 x C00064534 1 x C00110333 1 x C00115294	hopper cover 1e 2u ind.evoii tev		
038	C00064534				seal - dispenser to valve		
038	C00110333				fill valve 2 way (7lt rst 2.5)		
039	C00005572				sealing washer-mains inlet hose		
040	C00005781				inlet hose filter		
041	C00003070				mains inlet hose cold 25c 10bar		
042	C00092348				self-scraping screw 3,5x8		
044	C00040932				self locking nut m6		
054	C00260352				card wie87ex evoii 8kb s/w	n4008c01	
055	C00252539			1 x C00263927	smart reader for card 8kb		

Notices

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.

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

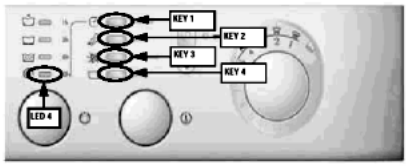


ARISTON



INDESIT

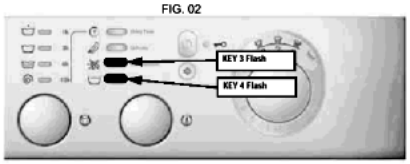
FIG. 01



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



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, tacómetro 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 umap file (EEPROM no programada o correcta)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F10	Presostato en Rotor+Vacío o sin salida de vacío ni lleno	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 (sobe carga superior)	LED 4	Tecla 1	Tecla 2	Tecla 3	Tecla 4
F17	Bloqueo puerto desalineado /abierto	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

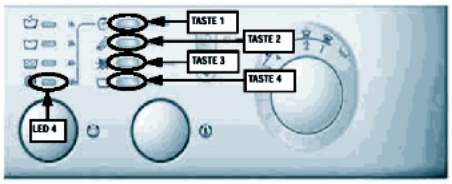
– LED

SIMBOLOGIA:

– led encendido

– led apagado

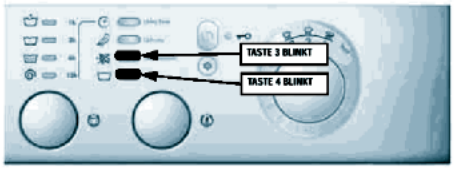
ABB. 01



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

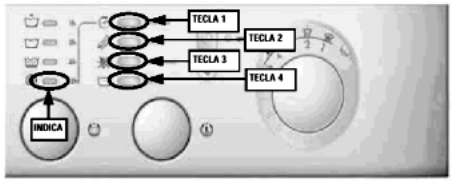
Tab. Störung Led

ABB. 02



Beispiel Störung F03

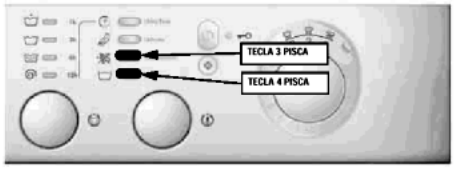
FIG. 01



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

n1040305: Introduction of EVO on LB2000 washing machines produced at Teverola.

Since August 2003, the following modifications are gradually being made to the oscillating unit on 2000 range models produced in the Teverola factory:



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

Gradual use of the EVOII 40 litre plastic bowl (code 097236) which differs to the previous LB2000 version, for the following characteristics:
1) Assembled with basket and welded bowl lid;
2) Elimination of detergent recovery tube hole (where provided);
3) Diameter 30 cm opening instead of 28 cm;
The last two numbers of the Industrial Code (given on the rating plate) of the models relevant to this system will be 30 (e.g. 46268790030)
This modification has involved the use of a new table for the oscillating unit (1140240) in the documentation of the relevant models, and for the appliances the following parts have been used:

· OKO pump bowl tube (models code 092174);
·Truncated cone window seal 30cm > 28 cm (code 093345);
·Window seal fixing ring bowl side 30 cm (code 092155);
·Upper counterweight (code 094710);
·Front counterweight (code 094711);
·400 litre drum agitator (code 097565);
·Shock absorber 100 N (code 097259) and 120N (code 055039);
·Bowl springs (codes 097753 and 096195)
·Air trap (code 092173);
·Pressure switch tube L = 505 mm (code 94746);
·Linear detergent container (code 097732);
·Product dispenser lid 1E 2U (code 096877 for Indesit and code 097340 for Ariston);
·Solenoid valve 1E 2U (110333 ex 093843);
·Pressure switches:
Code 096880 - Pressure switch one level 100-75 + overflow Rast 5;
Code 097735 - Pressure switch one level 185-80
Code 097746 - Pressure switch two levels 130-100 200-105 RST 5
·Resistance 1700/230 Rast. 2.5 (code 094715);
·Induction motors 2/16 poles (code 066087), 2/12 poles (code 075892) and 2/12 poles 60 Hz (099101);
·Eeproms - The new software for the 40 litre EVO washing machines can also be used on premodification appliances; it is managed with the same Sat codes as the previous software, which is being immediately replaced as the new models enter into production.
·Pulleys - The use of a single 40 litre bowl assembly in Assistance involves management of the pulleys used in production (097268 and 097267) and also those required for creating the various combinations (see fig. n1040305fig.01):

Code 064527 - Pulley D=280mm H=17 mm;
Code 084026 - Pulley D=210mm H=17mm.

NB: From serial no. 31103.0001, all EVO appliances are equipped with a 40 litre bowl with H=15 mm drum cross shaft which will be managed with the same SAT code (097236) as the 40 litre bowl with H=17 mm shaft until stocks last.
To create the various combinations, the following pulleys are required:

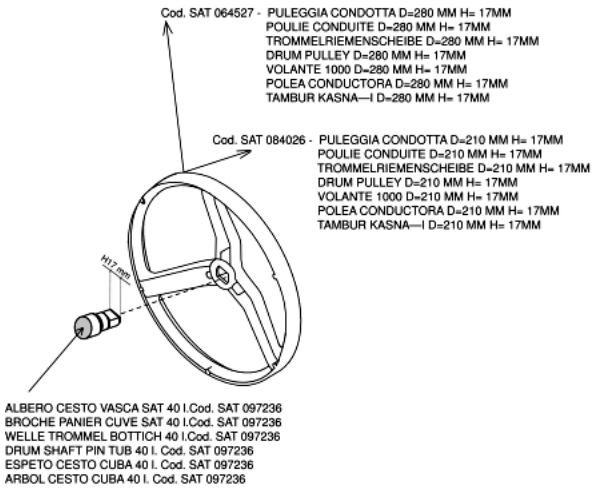
Code 097268 - Pulley D=280mm H=15 mm;
Code 097267 - Pulley D=210mm H=15mm.
Exceptions to this are models W93UK (23330) and W103UK (23334) which are equipped with a 46 litre bowl; therefore if the bowl needs replacing code 096198 with 20 mm pulley cross shaft must be used.
In production, pulley code 064527 (diameter D= 280 mm and central hole H= 17mm) is used; therefore, when replacing the bowl, code 097269 (diameter D= 280 mm and central hole H= 20mm) must be used.

·Belts - These vary according to the motor used in the appliance
Code 082318 - Belt EL1000 - 1195H8 X Commutator motors;
Code 081730 - Belt EL600 - 1106J4 X Induction motors 2/16
Code 081785 - Belt EL400 - 1094J4 X Induction motors 2/12

·Synchronous pre-chamber drain pump (code 085618).
·The pressure switch varies according to the motor used in the appliance:
Code 096880 - Pressure switch 1 Level commutator motor;
Code 097735 - Pressure switch 1 Level induction motor 2/12 - 2/16;
Code 097735 - Pressure switch 2 Levels induction motor 2/12 - 2/16;

In particular, the OKO system consists of a spherical plastic component inserted in the tube connecting the bowl to the drain pump. At the beginning of each wash cycle the machine fills water for 10 seconds and activates the drain pump for 2 seconds, thus creating a difference between the water level in the bowl and the water in the drain tube; this difference increases the upward thrust of the ball, closing the bowl-pump connection tube hermetically.
This offers the dual advantage of:
1) separating the wash water and the "dead" water in the drain hose, thus saving energy during the heating phase;
2) ensuring optimal use of all the detergent.
With the introduction of this new component, the detergent recovery tube is eliminated and the pump has only one inlet hole for water from the tank.

FIG. n1040305fig01



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.

n1040356: Polar White Factory 46 (Teverola)

From serial no. 50228.0001, the new "Polar White" is used on all washing machines produced in factory 46 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. 46302230900).
To determine the new Polar White codes, it is necessary to know the industrial code or serial number of the appliance being repaired.
The new items, which bear the initials "PW" in place of "B27", are not aesthetically interchangeable with premodification items as the whites are different. Both colours will be available for some time.
The items affected by this modification are:
Body, rear panel, top, control panel, handles, buttons, knobs, knob disc, door and plinth.

n1040372: Introduction of new shock absorbers and expanders.

From serial no. 50725.0001, new shock absorbers and expanders have been introduced.

New codes:
C00140670 - shock absorber
C00118593 - expander

Premodification codes
C00097259 - shock absorber
C00055037 - expander

The new items can also be used (but not separately) when replacing shock absorber 100N - C00097259; in this case, it will be necessary to replace both shock absorbers / expanders using kit C00140744, which is composed of two new shock absorbers and two new expanders.

List of appliances affected by this modification
22484AB84PT
23295W63IT
23308W93TEX
23310W83TEX
23317W83SP
23320W83TK

23321W83TTK
23330W93UK
23332W104TEX
23334W103UK
23335W113UK
23337W103TTK
23386W104NL
23781AB95EU
23879AB95AUS
23909AB63EX5060HZ
23910AL109K60HZ
24415W104SP
24600W103NL
24833W83DE
24834W104DE
25379W9521E
25474W104TBE
25885W63TAUS
25886W83TAUS
26878WA6IT
26879WA8IT
26880WA10IT
27094AB107PT
27299AL102PFR
27639WA6PT
27640WA8PT
27641WA10PT
27647WE8EX
27648WE10EX
27699W85FR
27700W105FR
27757WP67EX
27761WP100EX
27914AB84IT
28016WA105UK
28119AB66IT
28193W104TCH
28305WE8IT.1
28306WE10IT.1
28382WAP61EX
28383W84TTK
28400W104TTK
28479AV82TK
28480AVL85TK
28481AV102TK
28482AVL105TK
28484AVD8TK
28485AVD10TK
28626W101UK
28674W83FR
28676W107FR
28876AL88EU
28877AL109EU
28940AVL68ITTE
29378LNA1000FR
29540W81EX
29541W101EX

29549WP80EX
29999LISA100FR
30000WI10FR
30001WIL12FR
30018WIL113UK
30028WIE127UK
30055AVL6EIT
30056AVL8EIT
30062AVL62EX60HZ
30063AVL61EX115/60
30092AVL66PIT
30093AVL86PIT
30139WI8FR
30144WIL106IT
30145WIL86IT
30146WIL66IT
30196WI101UK
30197WI121UK
30206AVL105SK
30222WIE107IT
30223WIE87IT
30228WIV80IT
30229WIV60IT
30233WIL105EU
30234WIL85EU
30235WILM64IT
30331W12GE
30352WI81EX
30353WI82EX
30354WIL85EX
30355WI101EX
30356WIL105EX
30357AVL100PR
30361AVL95AUS
30443WIL126NL
30444WIE128NL
30455WIL105DE
30459WIL125DE
30460WIE127DE
30484WI70TK
30486WI80TK
30488WI100TK
30490WIL81TK
30492WIL101TK
30503WI62AUS
30507WI82SING
30513WI82AUS
30515WI82EX60HZ
30517WI102PL
30520WI105EX
30522WI102EX
30523WI102AUS
30525WI122EX
30526WIL62EX
30535WIL95KW
30540WIL125EX
30545WIE87EX

30548WIE107EX
30551WIE127EX
30611AVL64EU
30612AVL65PT
31813WI8EU
31922WI102EU
31923WI122EU
31969WI600IT
31970AV102CSI
32251WIL123DE
32252WIL143DE
32538WI102CH
32539WIL125CH
32571WIL146NLTE
32572WIE148NLTE
32859LISA111FR
32860WI11FR
32861WIL13FR
33178WIL145DETE
33179WIE147DETE
33180AVL145DETE
33244AVL62EO
33612AVL145EUTE
33613WIL103IT
33622WIL145EU
33623WIE147EU
33624WIL133UKTE
33625WIE147UKTE
33685AVL62KW
33742WIA121UK
33754WIA122EX
33962WIL14NL
33968AV6EU
33979AVF10TK
34056WIL146SPIT
34214AVF8TK
34238WIL14FRTE
34412WIAV60IT
34413WIA600EU
34415WIAV80IT
34438WIA60TK
34439WIA82EX
34440WIA80TK
34442WIA82EX60HZ
34443WIA8EU
34444WIA100TK
34445WIA102PL
34446WIA102EX
34447WIA101EU
34448WIA102CH
34449WIA121EU
34450WIL8FR
34451WIL11FR
34452LISA10FR
34453WIE12FR
34471WIL1000OT
34472WIL1200OT

34479AVL14FR
34483WIA101UK
34486WIA101EX
34507WIL62AUS
34508WIL82AUS
34509WIL102AUS
34515WIU61CSI
34516WIU81CSI
34517WIU102CSI
34907WIL103UK
35010WIU82CSI
35248WIL10FR
35249WIE10FR
35397WIL85EXTE
35398AVL62EXTE
35399AVL82EUTE
35400AVL88ITTE
35913AVF88EUTE
35918AVL66PITTE
35919AVL84EUTE
35920WIL105EXTE
35921WIL85PLTE
35974AV8IT
35975AV10IT
36241WIL125NL
36243WIL124NL
36536AVL95EXTE
36537AVL125EUTE
36593WIA110EU
36594WIL105PLTE
36595WIL126ITTE
36596WIL113UKTE
36684AVL105EU
36685WIE107PLTE
36768AVL120FRTE
36887WIL106SPEU
37014WILB12EU
37335WIA64IT
37732WIA9FR
37916AVL82AG
38059LISA11FR

n4007j00: Rear feet changed

From Serial Number 70403.0001 the two rear feet changed with new code C00254045, the cabinet fixing has been modified.

The new feet are not interchangeable with premodification.

CABINET
The spare part code isn't changed, in the warehouse stock we have the new cabinet.
If you fix it on premodification models you need to use the new feet.



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:

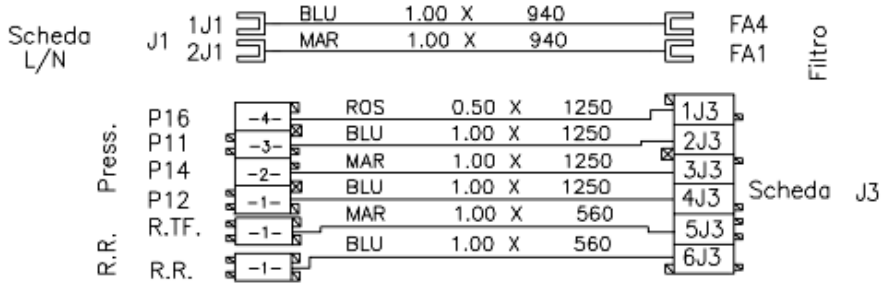
C00265676 with eeprom fixed - C00143068 with eeprom socket - for models with conducibility sensor
C00254298 with eeprom fixed - C00143068 with eeprom socket - for models without conducibility sensor
C00254297 with eeprom fixed - C00259941 with eeprom socket
C00254531 with eeprom fixed - C00143058 with 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

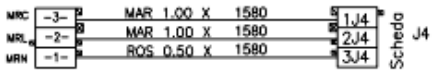
This notice has a "reference list" specific for each product where you can find the link between smart card and the eeprom code with the same software.

Electric schemes and links

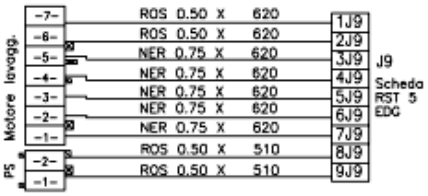
Cod. 16001638000



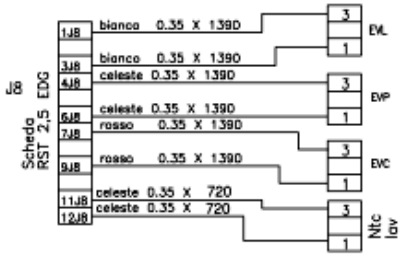
COMPLESSIVO A



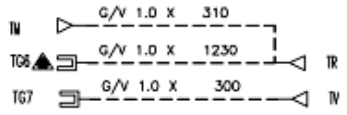
COMPLESSIVO D1 MICRORITARDATORE



COMPLESSIVO L MOTORE + POMPA



COMPLESSIVO C EVL + EVP + EVC



COMPLESSIVO X TERRA STANDARD



COMPLESSIVO B1 COMUNICAZIONE DISPLAY

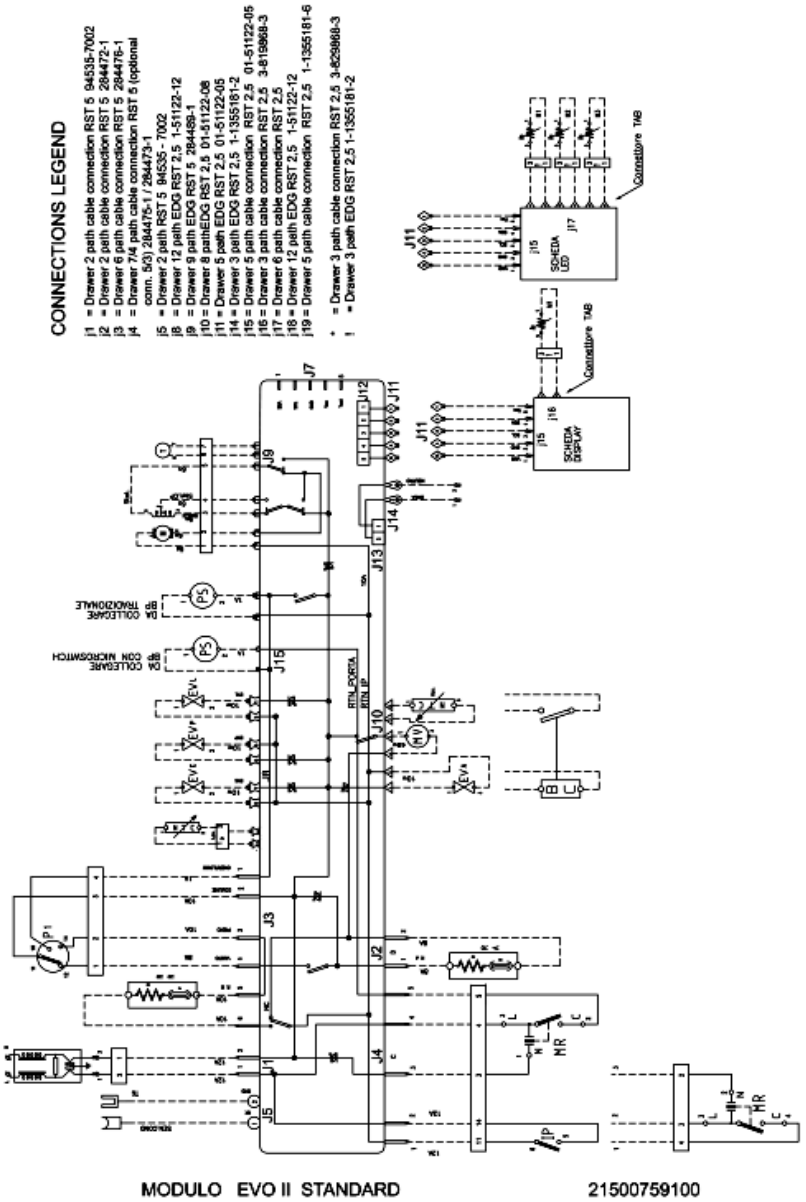
16001638000

Legend

Legend: 16001638000

Electric schemes and links

Cod. 21500759100



Legend

Legend: 21500759100