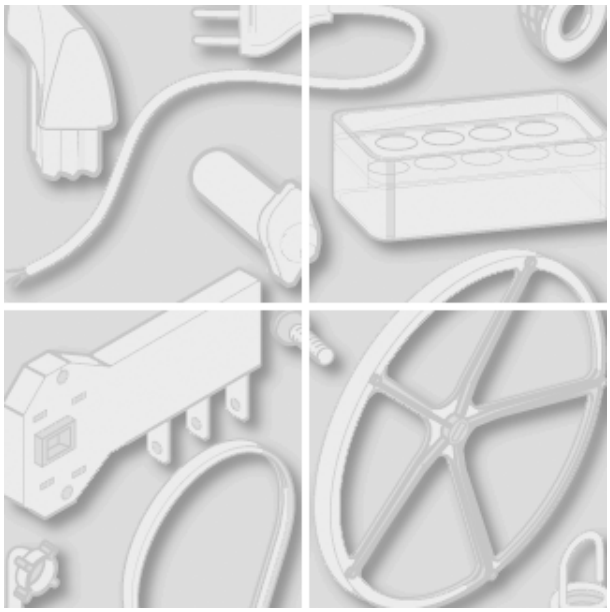
INDESIT company



Model type:

MBA4042CIBS

Commercial code:

F029551

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:

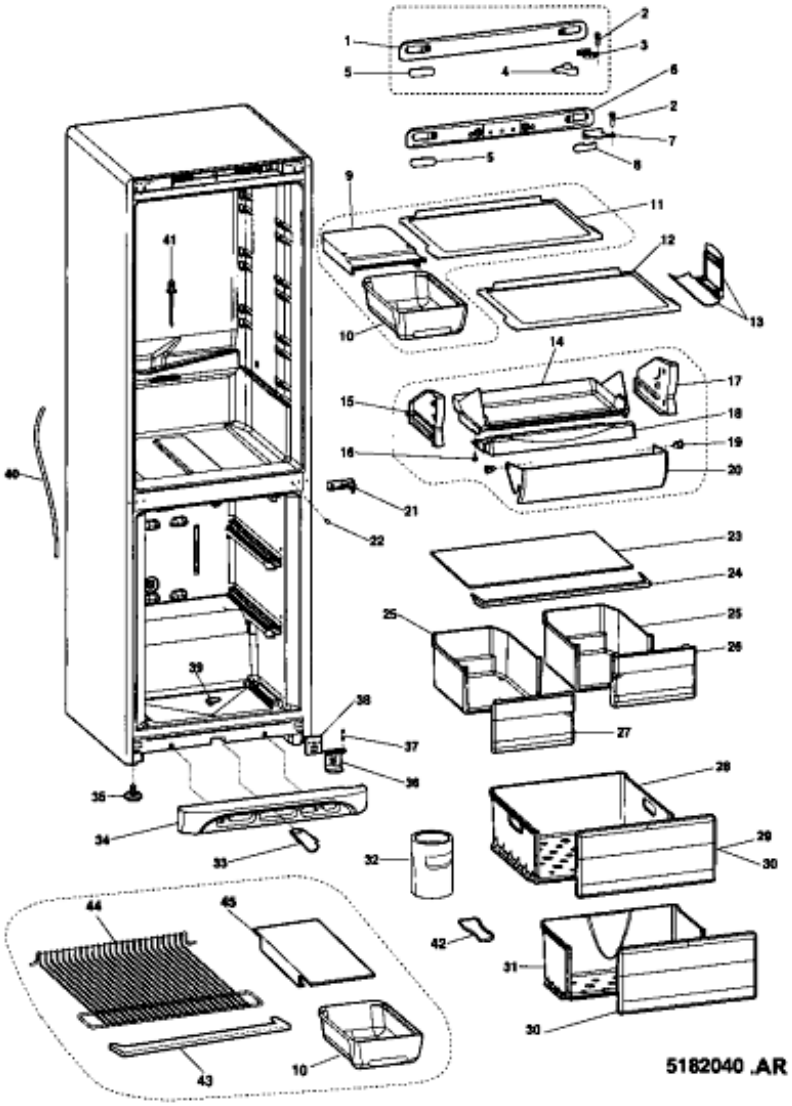
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

5182040 Exploded views



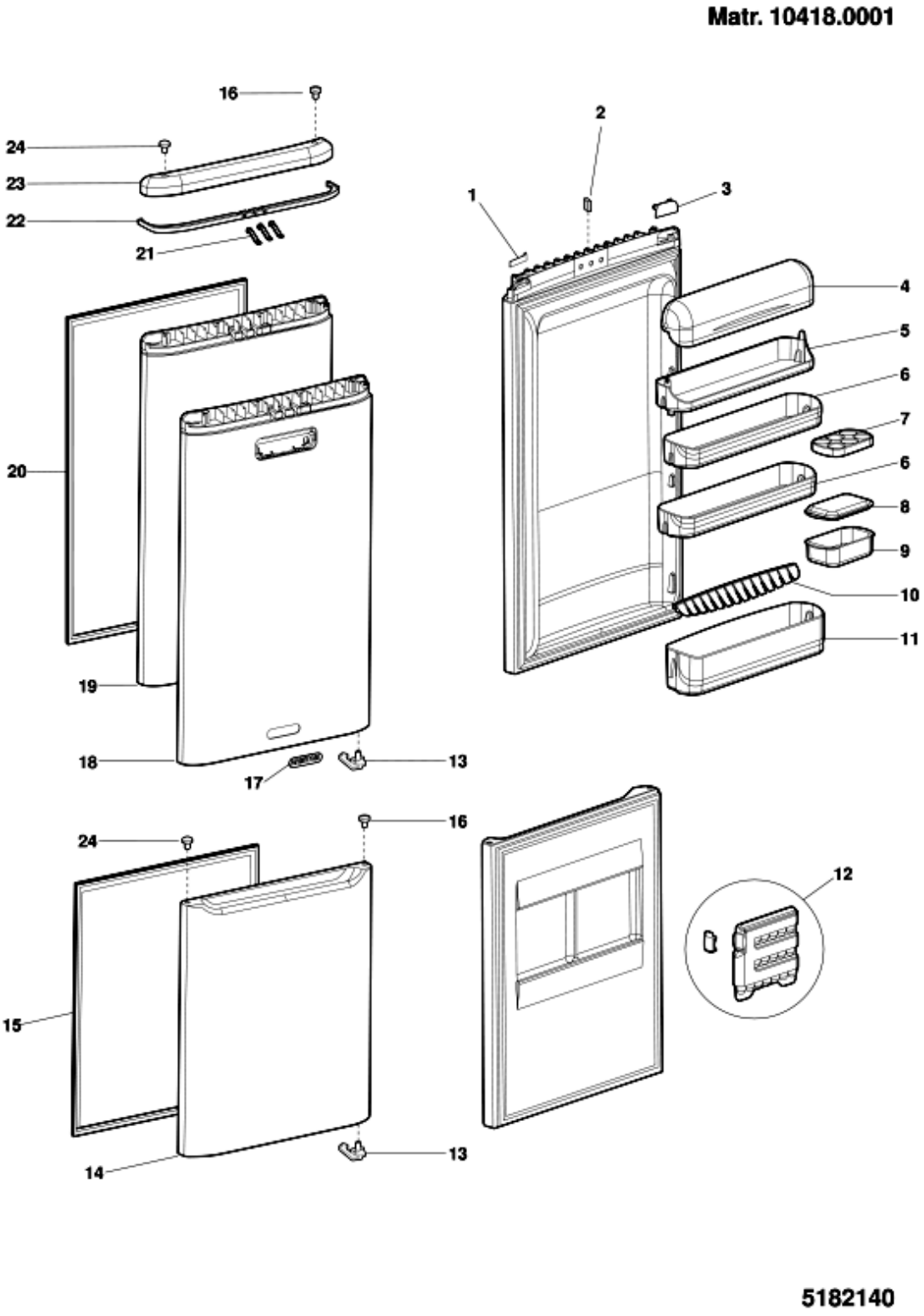
5182040 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00095419				user instruction book display) i-		
000	C00096033				user instructions booklete		
000	C00099576				pamphlet quick reference it		
000	C00099577				pamphlet quick reference uk		
001	C00082012				control panel-top cover 596x55		
002	C00075565				hinge pin - m8x3 (18+2,5)		
003	C00081644				upper hinge lh-rh		
004	C00097861				cover plate (upper-hinge) rh/lh		
005	C00082004				blanking plug (74x20) -		
009	C00081962			1 x C00140694	sliding meat box		
010	C00081963				meat box drawer (215x350x92) -		
011	C00081929			1 x C00110173	glass shelf (529x14x350-runner		
012	C00081930			1 x C00110174	glass shelf (529x350x14) - dots		
013	C00081984				bottle rack side mounting		
014	C00081980				chiller tray (wxd) 474/454x304		
015	C00081979				chiller flap support (255x162x26)		
016	C00081983				screw 4x8,5 inox 304		
017	C00081978				chiller flap support (255x162x26)		
018	C00081981				chiller handle (wxhxd)		
019	C00081982				bolt chiller flap (d.8x11) white		
020	C00081977				chiller flap door - cristal		
021	C00053838				central hinge - chrome		
022	C00007749				hole cover grey d,4,5x3 mm		
023	C00081956			1 x C00082084	crisper cover (499x342x4 2x45ø		
024	C00081960				trim - glass crisper cover		
025	C00075590			2 x C00096115	crisper box (wxhxd		
026	C00081966				panel rh crisper box 259x157	n1030077	
027	C00081967				panel lh crisper box 259x157	n1030077	
028	C00075593				middle & top drawer		
029	C00081970			1 x C00076116	top drawer front 440x197		
030	C00081969			1 x C00076116	panel drawer - wxh 440x197		
031	C00075594				lower drawer (440x242x160)		
032	C00081912			1 x C00280400	winechill ergobucket		
033	C00082007				drain aluminium-met 136x56		
034	C00082006			1 x C00083766	front base		

5182040 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
035	C00053419				adjustable foot		
036	C00076614				lower hinge assy(m6) rh-lh -		
037	C00017658				hinge pin m6x13,5		
038	C00075566				lower hinge fixing plate (30x40) 6		
039	C00031177				plug - drain hole 10,5mm - white		
040	C00031183			1 x C00282165	defrost water hose d.9,5x110 cm		
041	C00045965				cleaner/plug 6x120-defrost		
042	C00003261				ice scraper - white		

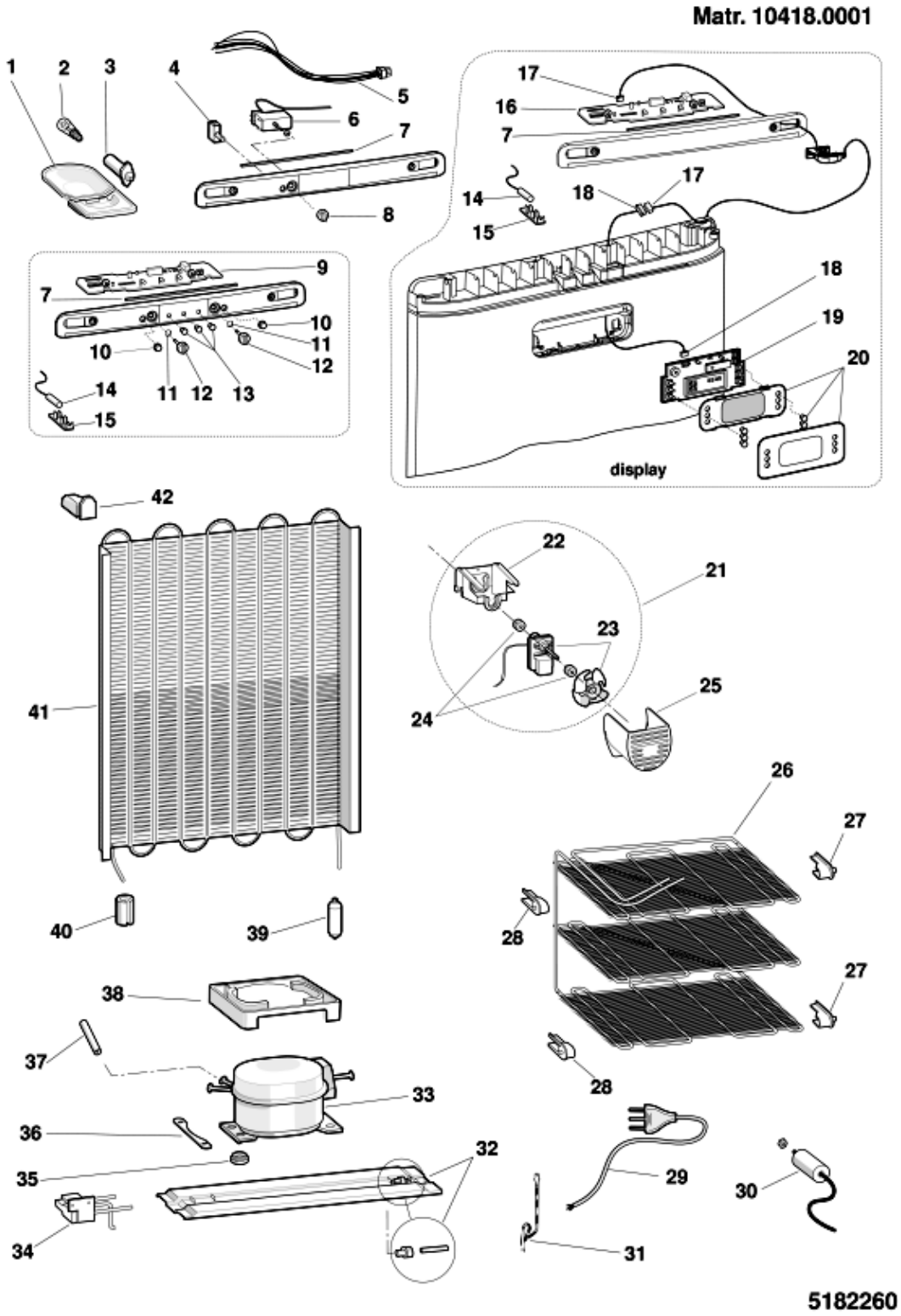
5182140 Exploded views



5182140 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
002	C00075612				magnetic switch (door stop)		
003	C00082005				hinge surround lh 66x27 - alum.		
004	C00081942				egg compartment		
005	C00081948				egg shelf (486x58x106mm)		
006	C00081941				central shelf (486x58x109mm)		
007	C00081953				eggs tray (6) (152x95x20) cristal		
008	C00081938			1 x C00094298	butter box lid (180x97) blue		
009	C00081940			1 x C00094298	butter box (152x50x98) blue		
010	C00081955			1 x C00114685	shelf trim rail (423x39) white		
011	C00081943			1 x C00857255	bottle shelf 486x104x121 white		
012	C00081998				ice cubes conteiner (ariston-01)		
013	C00046085				door closure aid rh - grey		
013	C00046108				door closure aid lh - grey		
014	C00081999				freezer door assy 592x713x81		
015	C00075531			1 x C00115566	freezer door gasket (554x682)		
016	C00014155				grey door bush 3 mm'salvagnini'		
016	C00023264				grey door bush 1,5 mm with hole		
017	C00082003				logo arst ariston 101x24x1,5		
018	C00081989				fr dr 592x1135x100 - inox		
020	C00076126			1 x C00115396	freezer door gasket (554x1051)		
022	C00082034				insert strip (top door fascia) -		
023	C00082978			1 x C00140844	control panel-top cover 592x45		
024	C00082000				blanking plug (h.14		

5182260 Exploded views



5182260 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00054000				lamp box		
002	C00006522				lamp 15w (e14)		
002	C00091912				light deflection folio (50x100)		
003	C00031233				lamp-socket (libero 1061) 250v		
007	C00094202				sponge(350x8x8)		
015	C00075633				sensor clamp (probe)		
016	C00081843				control module (display) 240/50	n1030082	
017	C00097872				wiring control panel-top		
018	C00081845				wiring fridge-door (display)		
019	C00081849				card micropr. display (fridge-		
020	C00095712			1 x C00115416	button aluminium (display)		
020	C00096035				set display (fridge-door)		
021	C00081971			1 x C00117302	set bracket - fan motor	n1030072	
024	C00025215				rubber mounting for fan motor		
025	C00076025			1 x C00856121	cover - fan motor turbocooling		
026	C00075614				freezer evaporator electrov.		
027	C00075596				plastic evaporator fixing right		
028	C00075597				plastic evaporator fixing left hand		
029	C00008598				mains supply cable 3x0,75		
029	C00094418				stop mains supply cable		
030	C00090222			1 x C00144815	capacitor 4mf (ducati)		
032	C00013997				mounting channel 586mm -		
033	C00098674			1 x C00118583	compres. danfos nle11kk3 220-		
034	C00078982		60702...	1 x C00078984	electrov.3-way bitron510 240/50		
034	C00143137	60703...			electrov.3-way bitron 220v r134-		
035	C00032453				rubber shock absorber -		
036	C00008471			1 x C00193590	fixing plate - compressor (750908)		
037	C00008727				charging pipe without valve		
037	C00043021				service pipe with valve (6 nfmssv)		
038	C00054788				defrost water tray - (plastic)		
039	C00093899			1 x C00290451	filter gr.12 (d.4,8/d.3,2 mm) gas		
040	C00037341				anti vibration rubber bush		
041	C00099575				condensator imat 586x1200'c240'		
042	C00015332				spacer - condenser		

Notices

n1025099: Doors / weather stripping combined fridges / freezers Aristin/2001 Melano

---

On all the combined fridge and freezer models in the Ariston (range 2001), width 600 mm produced in Italy (Melano), the doors handled as replacement are without weather stripping because this is no longer blocked between door and counter-door.
The weather stripping has a new profile and is located in the housing resulting along the external perimeter of the counter-door, where it is threaded through by simple hand pressure. To remove the weather stripping it will suffice to unthread it from its housing without any other operation.

Therefore in case of replacement of the door the weather stripping may be recovered from the existing door, however the weather strips are handled singularly as a spare part.

n1030020: Replacement of NTC sensors on latest generation of "cold product line" models

---

(KRF 310VE - KRF330VE - KRF310VNFE - KRF330VNFE), including the new combo appliances in the Indesit-2000 range (C238 e C240), Ariston-2001 (MBA3831-4031- 4231 ; MBA3841 - 4041) on static or no-frost "cold product line" models of the latest generation electronic version, the NTC sensors cannot be replaced because they are blocked within the cabinet. This decision is due to the low faultiness of the component and to the high guarantees of operation in foam-insulated environments.

The exceptions to the aforementioned are the upright Ariston electronic 600 mm wide freezers, rounded aesthetics, Ariston models EUP300XEU - EUP350XEU - TUP300XOM (including deriving versions) where the sensor can still be replaced in the event of a fault.
Where the replacement of the product is deemed necessary by the probe defect, then it is important to closely check that the problem is determined by the probe and not by the electronic card.
In order to check the correct operation of the probe it is possible to measure the resistance of the wiring harness terminals that must present the following values :

- temperature of + 20 °C = about 2.000 ohm (air probe at environment temperature)
- temperature of + 5 °C = about 7.000 ohm (fridge air probe)
- temperature of - 18 °C = about 23.000 ohm (freezer air probe)

Also, in a less technical manner, replacing each probe on the electronic card (at room temperature) in a "steering" manner, checking the elimination of the problem (if the compressor starts the probe is defective).

N.B. the probes are identifiable by their coloration (marking) placed on the probe and its wiring harness :

-fridge evaporator probe (black marking)
-fridge air probe (brown marking)
-freezer air probe (white marking)
-freezer evaporator probe (no-frost) end of defrost (light blue marking).

n1030034: Magnetic switch on combined electronics Ariston-Indesit range - 2000

On combined electronic models (Ariston and Indesit, range 2000) on the base of the door's dashboard of refrigerator, there is a magnetic switch assembled (075612) with a rectangular shape that must be inserted on the appropriate hole in the narrow side (the position is compulsory for the stop and the correct function of the product).

The missing of the magnetic switch can cause the following inconvenient with open or closed door:

-If the product has being lit for more than 3 minutes and if magnet is missing, the lamp flashes (if is not broken) as soon as the door opens.

So, in case of substitution of the fridge door, to avoid this inconvenient, together with the dashboard and the moulding, the magnetic switch must always be rescued.
From the end of July the production Dpt. will supply as spare parts the fridge doors of combined electronics, already included with the magnetic switch.
(Anyway please verify always its presence).

n1030063: Upper hinge modified on Ariston Opera-60 fridge-freezers with Display

---

In October 2003 (serial no. 31028.0001) the Melano factory replaced the upper plastic hinge assembly on the Opera-60 fridge-freezers with display, in order to improve the fridge door support and prevent the cable connecting the two cards (power and display) from being damaged.
The new assembly provides for use of the upper hinge, chromed, with relative pin, and modified hinge cover (see fig.1-2).
The hinge assembly is reversible by rotating the single parts 180° and then refitting the pin (see fig.3).
Another two other tape reference marks (now three) have been placed on the card connection cable for correct installation on the panel base and fridge door in order to have the right flexibility during rotation. When the door is open the cable must never be strained.
The reference marks on the cable refer to right hand opening (see fig.4):
-Reference mark (A) indicates which end must be connected to the panel power card.
-Reference mark (B) must be fitted in the seat obtained on the panel base (see fig.5).
-Reference mark (C) must be fitted in the seat obtained on the right side of the door, in the hinge area (see fig.6).

If the door opens on the left, these reference marks on the cable must be modified as shown in fig.7.
(A) has not been changed, whereas (B) has become 120 mm and (C) 380 mm. Colours other than black can be used so as not to confuse them.
Also, reference mark (B) must be fitted in the seat obtained on the panel (see fig.8), whereas the (C) must be fixed in the second tab from the left (see fig.9).
In the left-hand opening version, when tightening the fixing screw make sure the cable is not crushed by the panel. To avoid this, the cable should be fixed with adhesive tape to the vertical and horizontal ribbing, so that it passes inside the groove, thus avoiding the hole (see fig.10).

On the right hand bottom part of the cabinet panel base (hinge area) there is a slot (4.5/4.8) to be used for correct positioning of the cable (see fig.11-12).
Even the first cable seat on the upper head of the fridge door (hinge area, right side) has been modified, from 6x10 mm to 4x20 mm. This prevents the cable from moving when the door is opened/closed (see fig.13).
The fridge doors for models with display, currently managed as replacements, do not have the modification shown in fig.13; in this case the width of the cable (reference area C) must be increased using more adhesive tape until it is blocked in the first support seat (6x10 mm).

On premodification models, the new hinge assembly can only be used if the panel base is modified (see fig.11-12). On the left side the 5 mm slot is already present; whereas, for the fridge door, the width of the cable must be increased on models with right-hand opening (reference area C) as described above.
If the door opens on the left, proceed as described above (fig.7- 8-9-10).

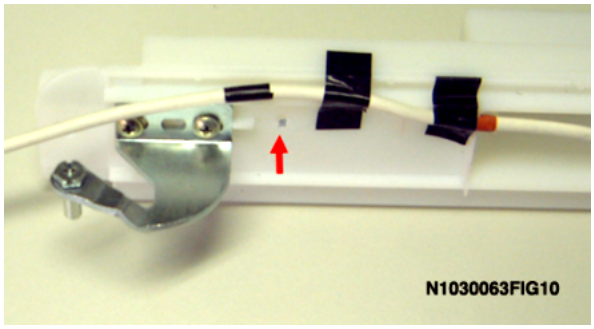
New parts

081644 - UPPER HINGE(M8) RH-LH CHROMED
075565 - UPPER HINGE PIN M8X3 (18+2.5)
097861 - UPPER HINGE COVER RH-LH ALUMINIUM
097862 - UPPER HINGE COVER RH-LH WHITE
097872 - PANEL/DISPLAY WIRING (3-MARKS)

Parts replaced

081846 - UPPER HINGE (M8) RH WHITE (WIRING)
081847 - UPPER HINGE (M8) LH WHITE (WIRING)
081844 - PANEL WIRING (DISPLAY) KIT
081848 - UPPER HINGE COVER WHITE
082013 - UPPER HINGE COVER ALUMINIUM-METAL



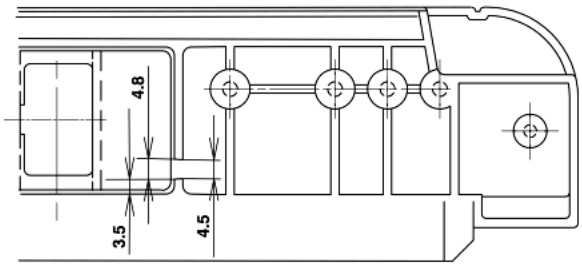


N1030063FIG10

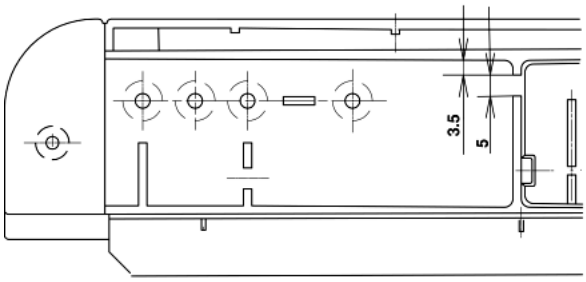


N1030063FIG11

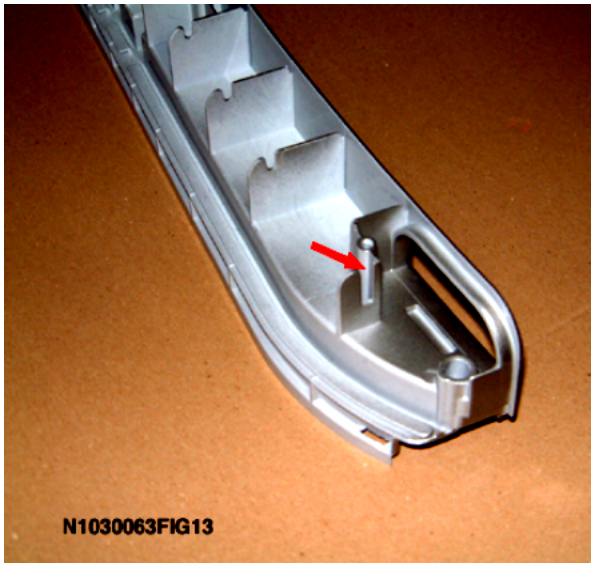
LATO DX / SIDE RH / COTE DROITE / SEITE RECHTS
LADO DERECHA / LATO DIREITO

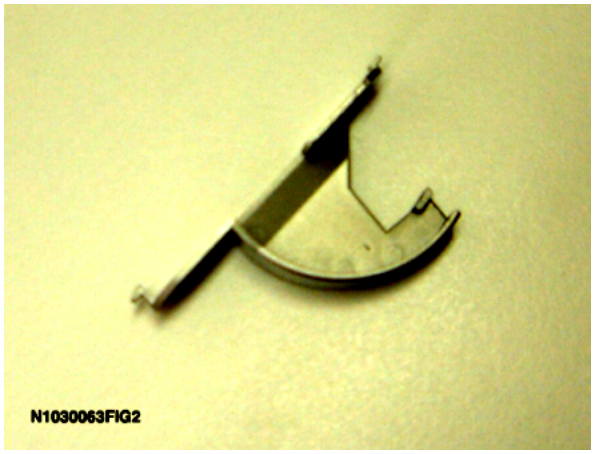


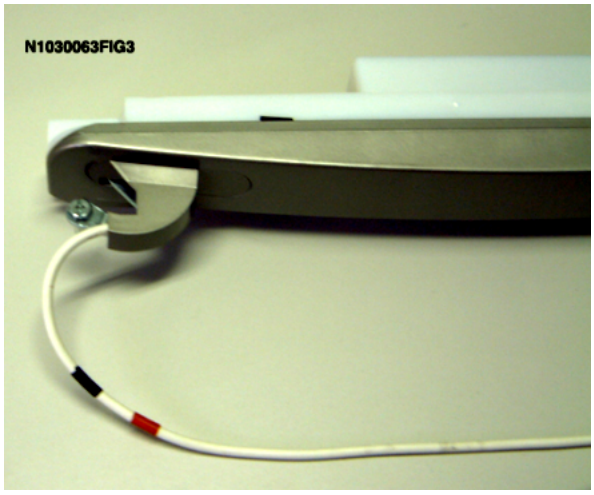
LATO SX / SIDE LH / COTE GAUCHE / SEITE LINKS
LADO IZQUIERDO / LATO ESQUERDA

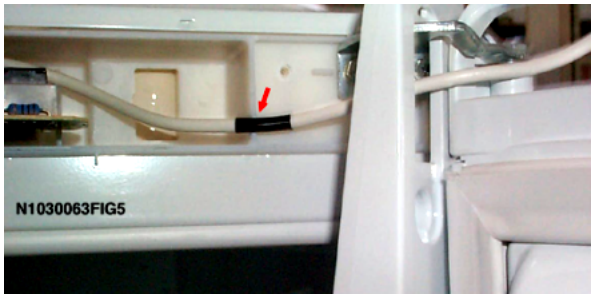


N1030063FIG12


N1030063FIG13

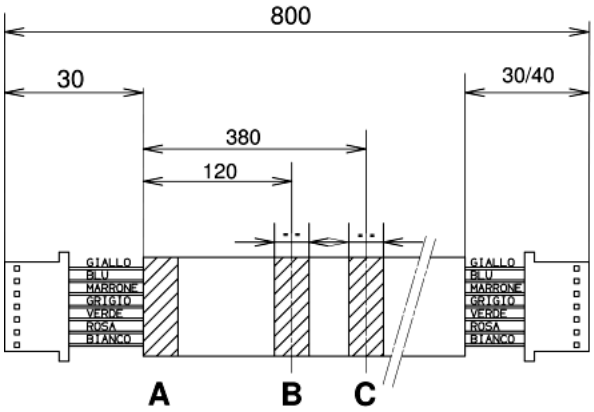

N1030063FIG2


N1030063FIG3


N1030063FIG5

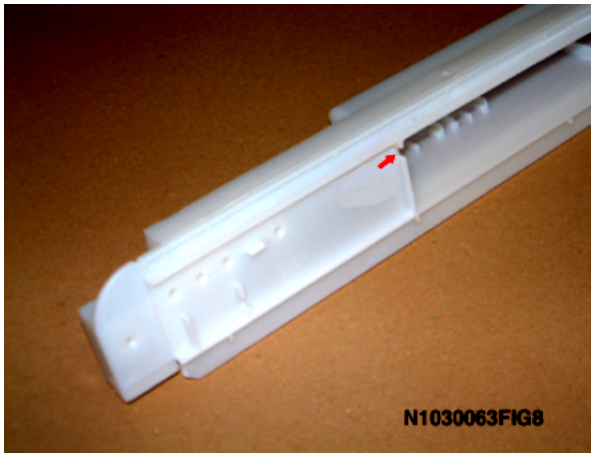


N1030063FIG7



VERSIONE APERTURA SX
DOOR OPENING LH
OUVERTURE PORTE GAUCHE
TUEROEFFNER LINKS
OBERTURA PUERTA IZQUIRDA
VERSIONE APERTURA ESQUERDO

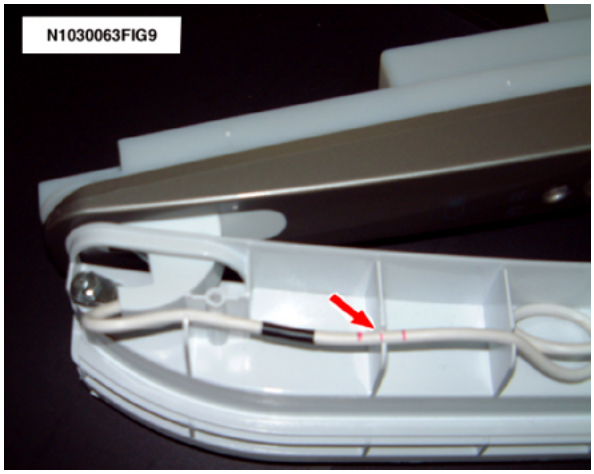
097872



n1030072: New 220-240V /50-60 Hz fan unit C09R1907 (KIT 077159 and 081971) Carinaro

---

At the end of March 2004 the Carinaro factory replaced the fan unit in kit 077159.



The new fan unit (C09R1907) differs from the previous one (C09R1846) in the rpm reduction from 2290 to 2000, 3.5 Watt power, Class B, 220-240V/50-60 Hz voltage and faston connectors (6.3x0.8 mm) remain the same.
This modification will also be extended to the Melano and Setubal factories for Kit 081971.
The new fan unit will be managed with the same Service code as the previous one (076024), once the stocks of the latter run out; the same will also be done for Kits 077159 and 081971.

n1030082: Power card alternative on full no frost and static 400 litre combined fridge

---

Since July 2004, the Melano factory has been using new power cards on full no frost and static 400 litre combined fridge-freezers, as an alternative to the previous cards.
These cards are interchangeable, but have different codes (PN).

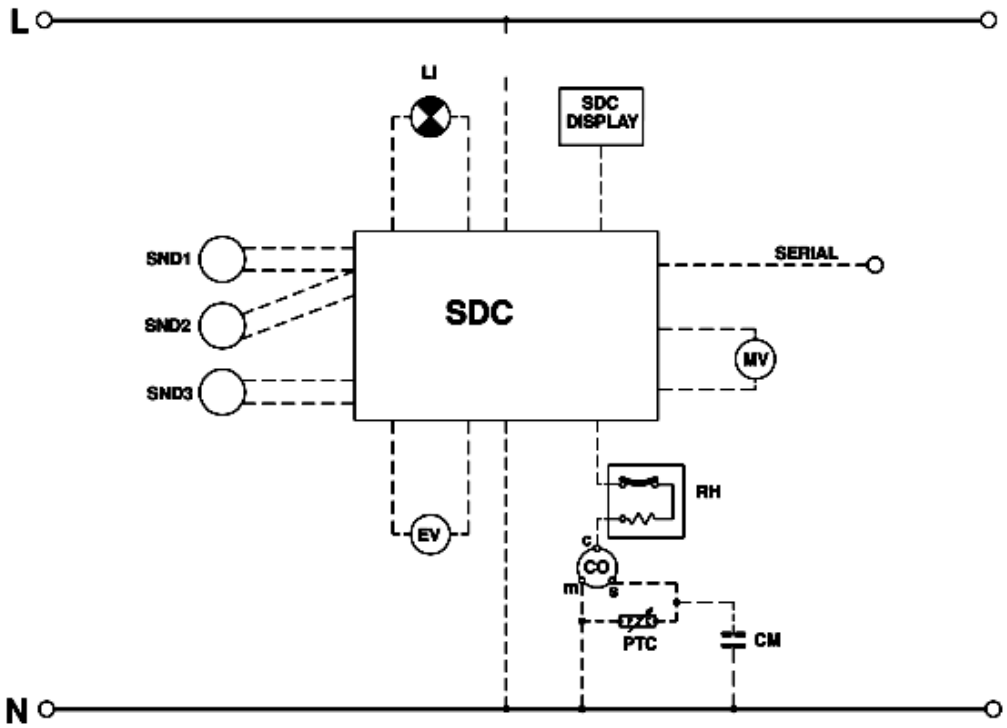
Given below are the modified codes:

Models MBA3841C- 3842C MBA4041C-4042C (IT-EU markets)
081843 - 16200044419 = Magnetek 4080.02/Grey (first version)
081843 - 16200099900 = Magnetek 4302.02/Grey (second version)

Models MBA40D2NF/NFE (IT-EU markets)
095711 - 16200069505 = Magnetek 4087.02/Yellow (first version)
095711 - 16200100000 = Magnetek 4304.02/Yellow (second version)

Electric schemes and links

Cod. se085000



SE085000

Legend

Legend: se085000

BZ	Audio freezer alarm	R	Heating resistance
C	Surge Capacitor	RA	Ammetrical relay
CM	Running capacitor	RAN	Heating element condensation
CO	Compressor	RFZ	Heating element condensation freezer
EV	Electrovalve	RH	Thermal relay
FA	Radio anti-trouble filter	RS	Defrosting resistance
IDS	Schackler with warning	RS1	No frost evaporator resistance
IEC	ON OFF loads switch	RS2	No frost drip pan resistance
IEFR	ON OFF refrigerator switch	RS3	Defrosting resistance
IETH	Thermostat exclusion	RS4	Defrosting resistance
ILFR	Push-button for fridge lamp/fan	RTA	Thermo actuator defrosting resistance
ILFZ	Push-button for freezer lamp/fan	SA	Allarm warning
ILI	Lamp switch	SC	Freezing warning
IP	Door switch	SDC	CONTROL CARD DIAGRAM
IR	Line switch	SL	Line warning
ISC	Warning light-freezing switch	SND1	SONDE VERDAMPFER KUEHLSCHRANK
IV	Fan-motor switch	SND2	SONDELUFT FREEZER
IVFZ	Freezer fan-motor switch	SND3	AIR-PROBE REFRIGERATOR
L	Line	SND4	Sonda evaporator freezer
LFR	Fridge lamp	SND5	SONDA ARIA FREEZER VANO
LFZ	Freezer lamp	T	Erden
LI	Lighting lamp	TA1	Open thermo actuator
M	Mass/Eart symbol	TA2	Closed thermo actuator
MO	Terminal board	TC	Turbocooling
MT	Timer motor	TF	Fuse-thermic
MV	Fan motor	THA	Allarm thermostat
MVC	Compressor fan motor	THC	Freezer thermostat
MVCO	Compressor compartment fan	THDF	Refrigerator shackler thermostat
MVFR	Fan motor fridge	THI	Thermostat switch
MVFZ	Fan motor freezer	THR	Adjustable thermostat
N	Neutral	TP	Thermoprotector
PTC	PTC relay	TR	Transformer