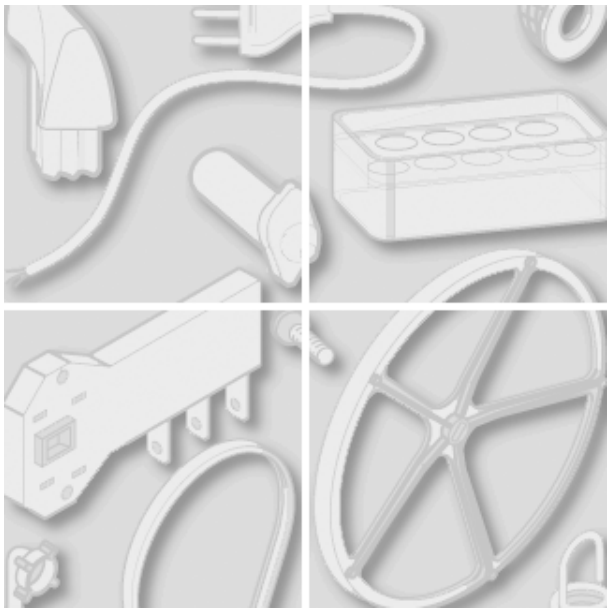
INDESIT company



Model type:

BCOM40IXI

Commercial code:

F028355

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:

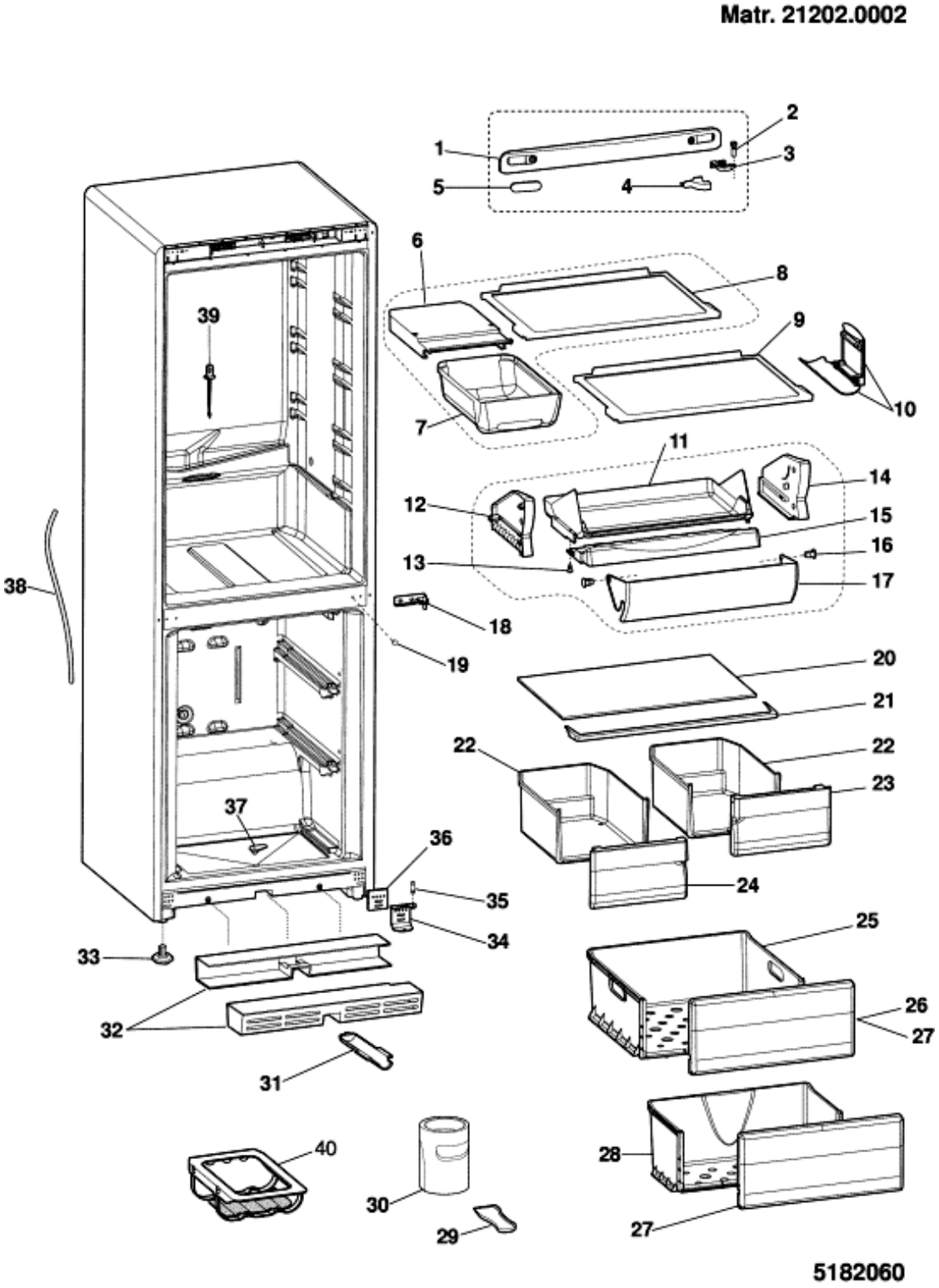
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

5182060 Exploded views



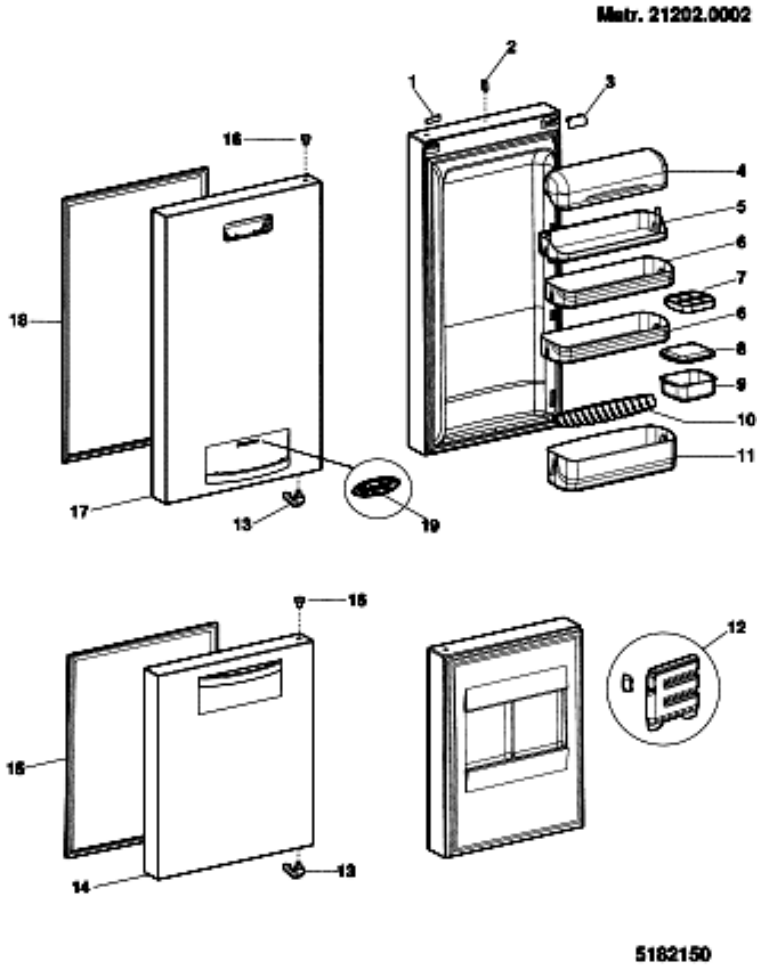
5182060 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00109897				user instructions booklete		
001	C00084516				control panel-top cover		
002	C00075565				hinge pin - m8x3 (18+2,5)		
003	C00081644				upper hinge lh-rh		
003	C00092729				shim hinge 30x14x1		
004	C00097861				cover plate (upper-hinge) rh/lh		
005	C00082004				blanking plug (74x20) -		
006	C00081962			1 x C00140694	sliding meat box		
007	C00081963				meat box drawer (215x350x92) -		
008	C00081929			1 x C00110173	glass shelf (529x14x350-runner		
009	C00081930			1 x C00110174	glass shelf (529x350x14) - dots		
010	C00081984				bottle rack side mounting		
011	C00081980				chiller tray (wxd) 474/454x304		
012	C00081979				chiller flap support (255x162x26)		
013	C00081983				screw 4x8,5 inox 304		
014	C00081978				chiller flap support (255x162x26)		
015	C00081981				chiller handle (wxhxd)		
016	C00081982				bolt chiller flap (d.8x11) white		
017	C00081977				chiller flap door - cristal		
018	C00053838				central hinge - chrome		
019	C00007749				hole cover grey d,4,5x3 mm		
020	C00081956			1 x C00082084	crisper cover (499x342x4 2x45ø		
021	C00081960				trim - glass crisper cover		
022	C00075590			2 x C00096115	crisper box (wxhxd		
023	C00081966				panel rh crisper box 259x157	n1030077	
024	C00081967				panel lh crisper box 259x157	n1030077	
025	C00075593				middle & top drawer		
026	C00081970			1 x C00076116	top drawer front 440x197		
027	C00081969			1 x C00076116	panel drawer - wxh 440x197		
028	C00075594				lower drawer (440x242x160)		
029	C00003261				ice scraper - white		
030	C00081912			1 x C00280400	winechill ergobucket		
031	C00082007				drain aluminium-met 136x56		
032	C00092735				front base		
033	C00053419				adjustable foot		

5182060 Spare parts list

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

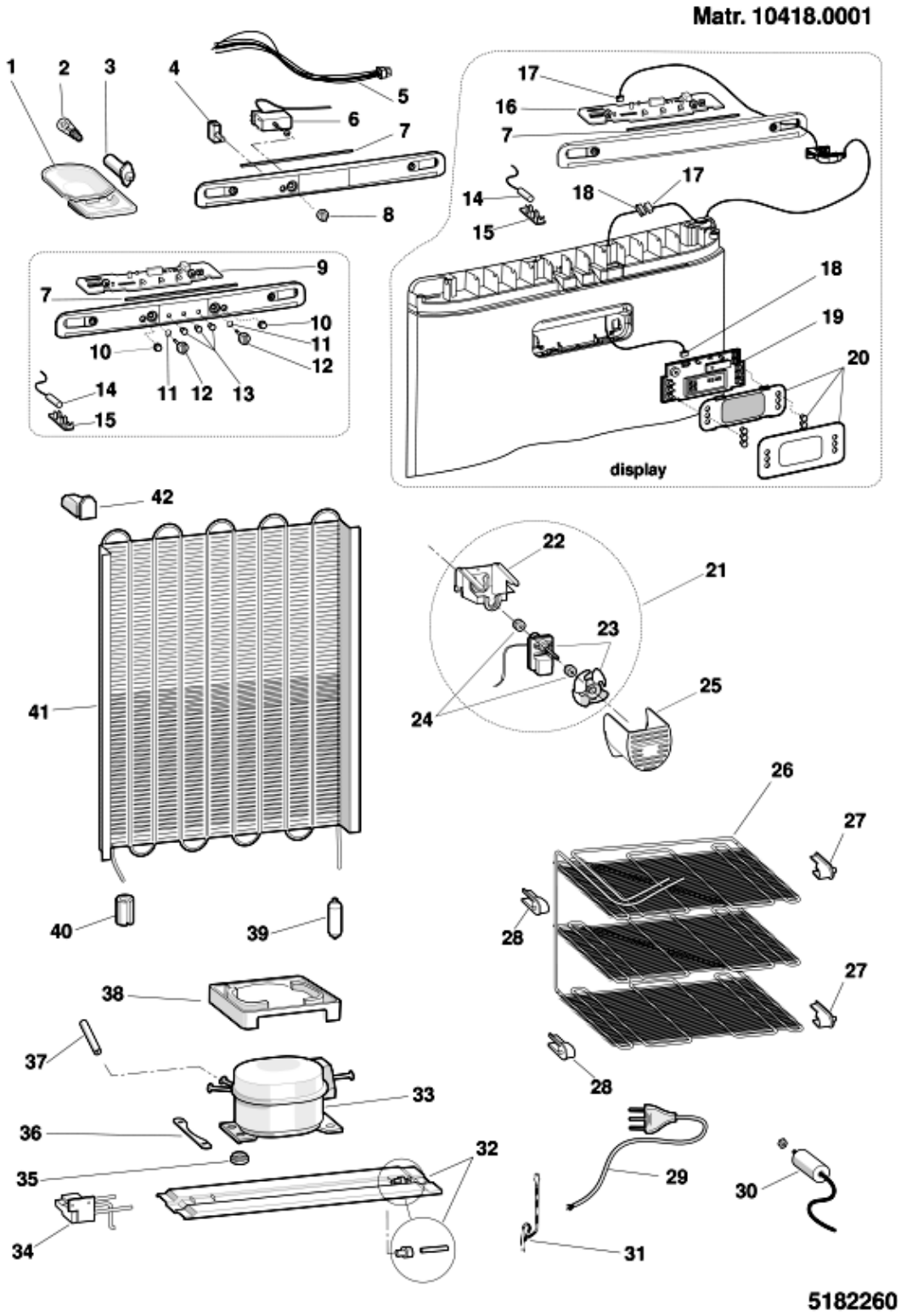
5182150 Exploded views



5182150 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		
014	C00092761				fr dr assy view line inox		
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	C00092765				fridge door viewline ix 592x1140		
018	C00076126			1 x C00115396	freezer door gasket (554x1051)		

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	C00092793			1 x C00081844	wiring control panel-top		
018	C00092772				wiring fridge-door (display)		
019	C00081849				card micropr. display (fridge-		
020	C00087764			1 x C00087766	buttons cover aluminium (display)		
020	C00092747				set display (fridge-door) inox		
021	C00081971			1 x C00117302	set bracket - fan motor		
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

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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

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(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).

n1030065: Upper hinge modified on View Line Tech built-in fridge-freezers with display

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In October 2003 (serial no. 31028.0001) the Melano factory replaced the upper plastic hinge assembly on Opera-60 fridge-freezers with display, View Line Tech (BCOM40IX) and Hotpoint (HMT40) models, 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).

The cable connecting the two cards is the same; always check for correct cable flexibility during rotation. When the door is open the cable must never be strained.
Also, the tape reference mark indicates which end must be connected to the panel power card.

In the right bottom part of the cabinet panel base (hinge area), there is a slot (4,5/4,8) for positioning the cable (see fig.2).

The new hinge assembly can be used on premodification models only if the panel base is also modified (see fig.3)

NB: On these built-in models the door opening is not reversible because the two cards are connected on the right side of the door in the hinge area, and not in the centre like the other free-standing models with display.

New parts

081644 - UPPER HINGE(M8) RH-LH CHROMED
075565 - UPPER HINGE PIN M8X3 (18+2.5)

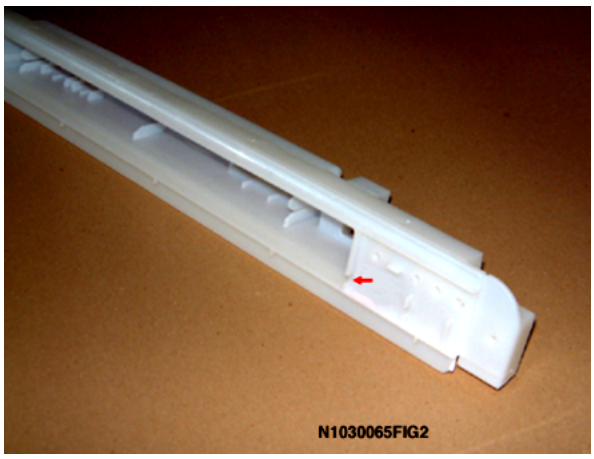
097861 - UPPER HINGE COVER RH-LH ALUMINIUM

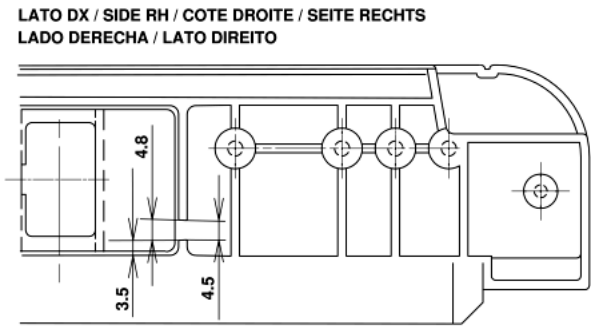
Parts replaced

081846 - UPPER HINGE (M8) RH WHITE (WIRING)

082013 - UPPER HINGE COVER ALUMINIUM-METAL







N1030065FIG3

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

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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).

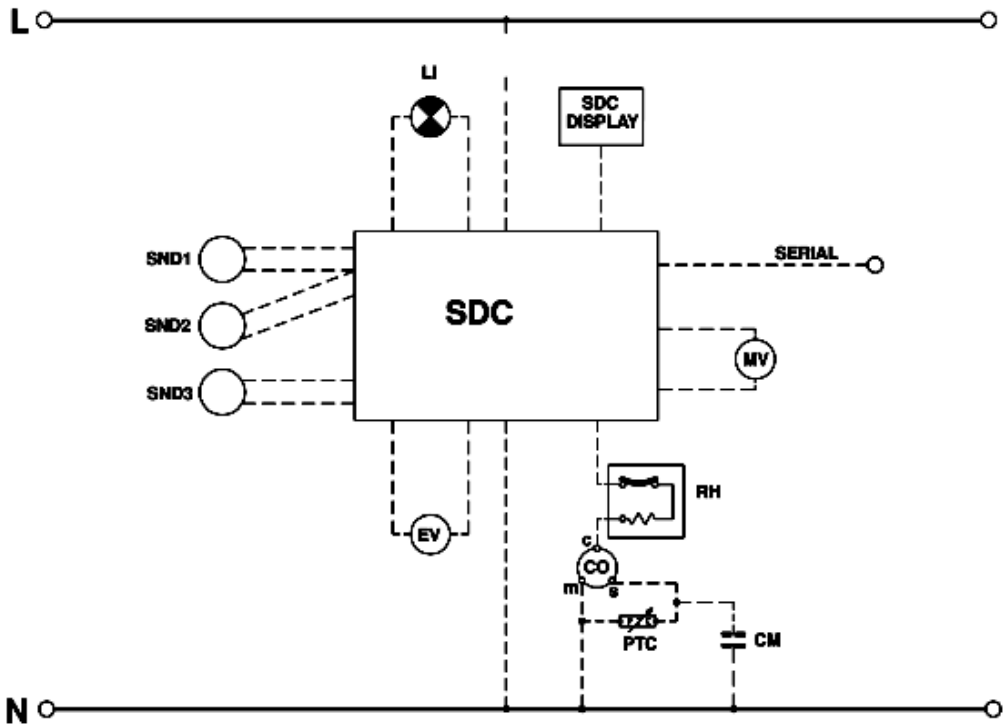
Given below are the modified codes:

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