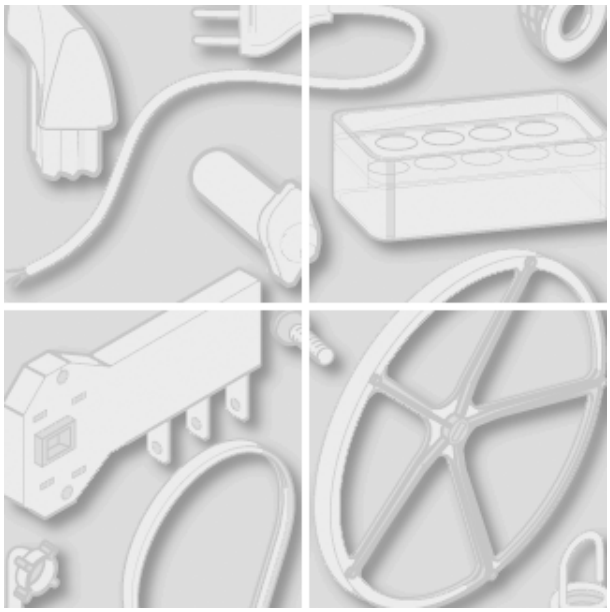
INDESIT company



Model type:
MT246

Commercial code:
F028993

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:

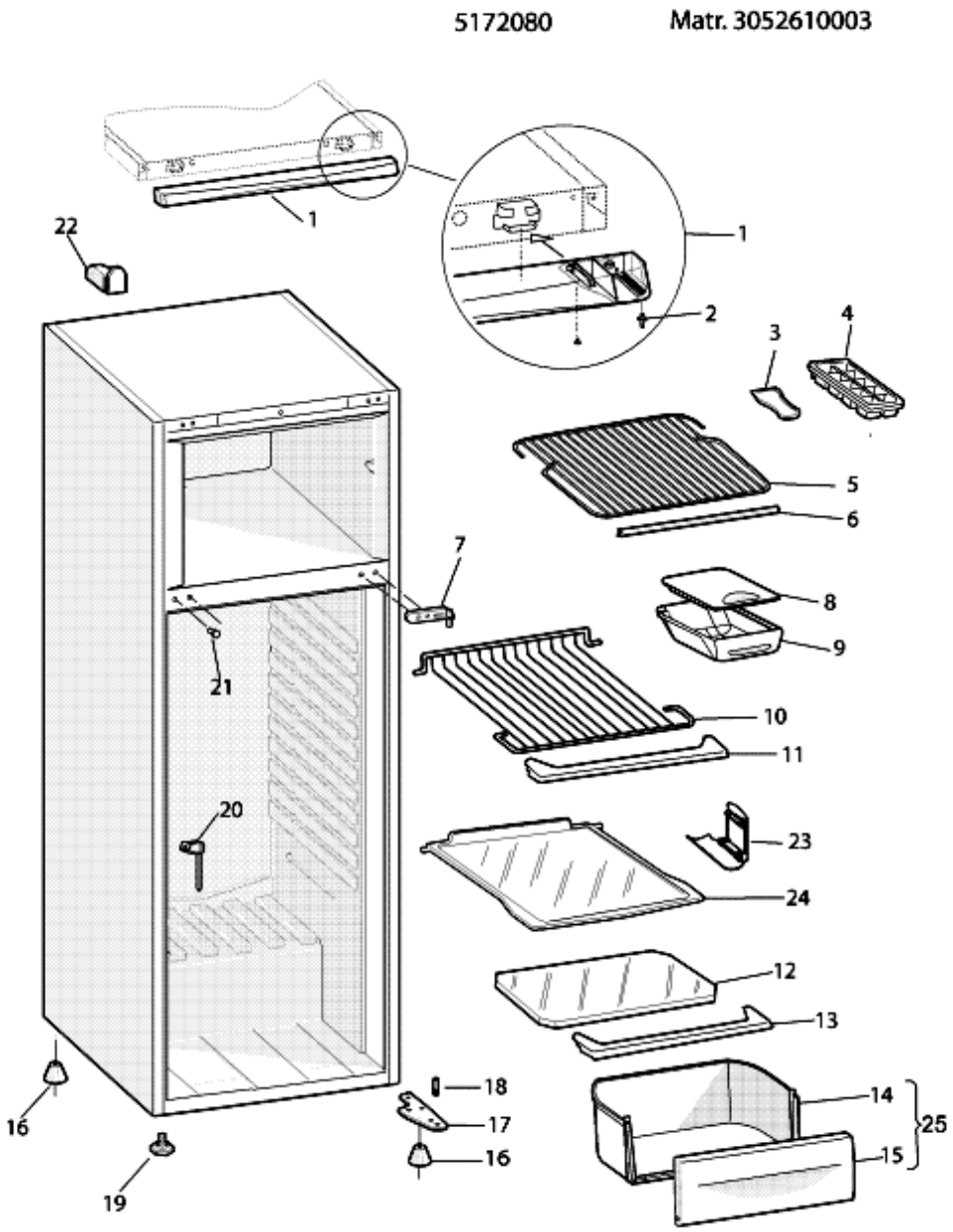
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

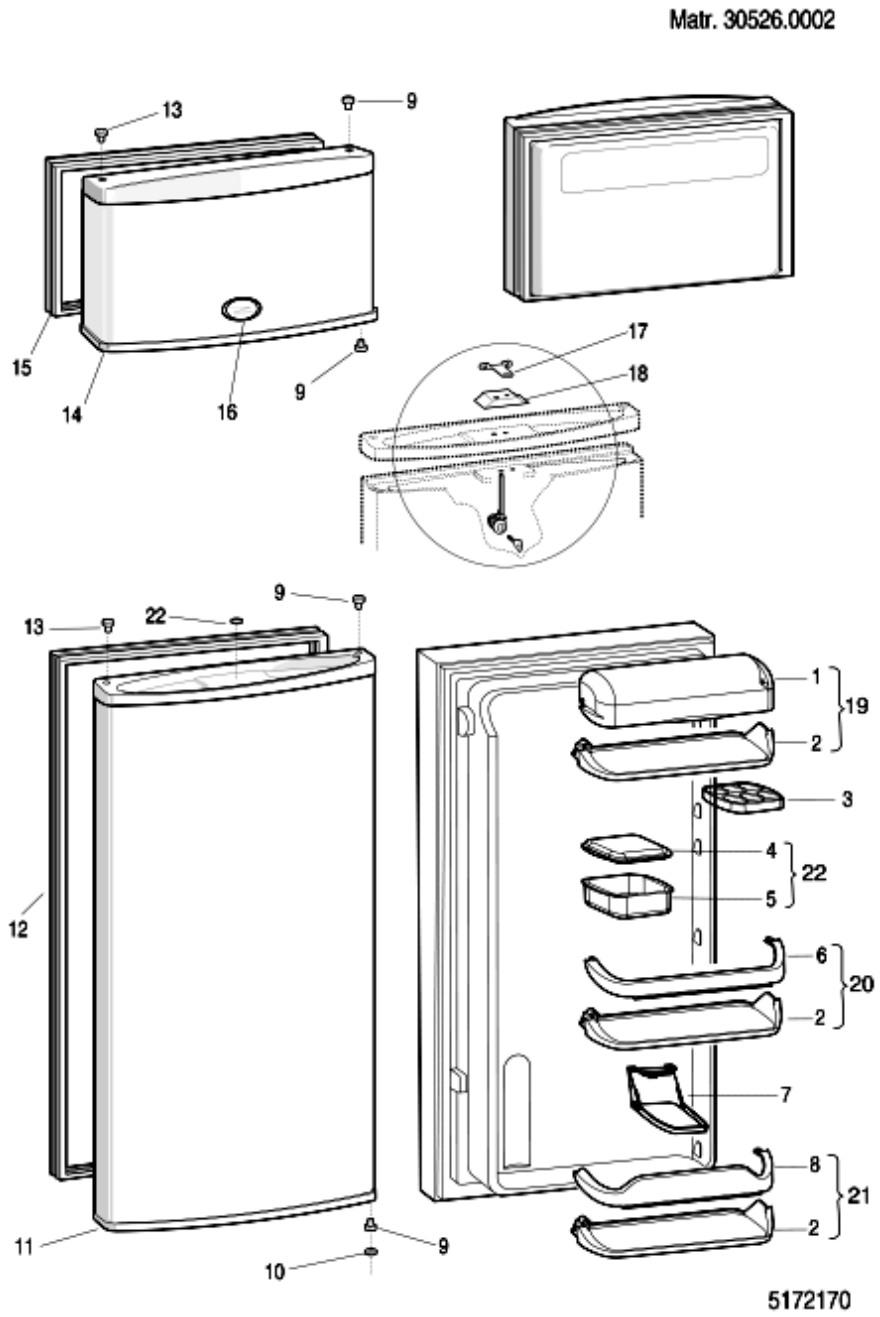
5172080 Exploded views



5172080 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00095550				user instruction book mtb241eu-		
001	C00096081				top front fascia 546x34x58 castoro		
002	C00053423				pin hinge m5x5+17		
003	C00003261				ice scraper - white		
004	C00019414		60401...		ice cube tray 215x102x34		
004	C00045973	60402...		1 x C00019414	ice cube tray (260x110x37)	n2511k01	
005	C00053421				wire shelf 424,5x290mm - white		
006	C00053479				trim 423 mm (wire shelf) - white		
007	C00053838				central hinge - chrome	n1025158	
007	C00142756	60410...			central hinge - chrome (240 lt)		
008	C00086382				meat box cover (317x214mm)		
009	C00086381		10123...	1 x C00283755	meat box (309x215x98mm) - clear		
009	C00283755	10124...			meat box (309x215x98mm) -	n3010j01	
010	C00086593				fridge wire shelf (wxh		
011	C00086379				wire shelf trim (469x59x12mm) -		
012	C00086594			1 x C00280886	salad bin cover (466x188x4mm)		
013	C00086378			1 x C00144431	trim 465x48x12mm (crisper		
014	C00082949			1 x C00144901	crisper kit (wxhxd 460x184x206) -	n1025160	
015	C00086596		10123...		salad bin front (460x155mm) clear	n1025160 n3010j01	
015	C00283264	10124...			salad bin front (460x155mm)	n3010j01	
016	C00017766	90210...			foot 18mm - non adjustable		
016	C00065434		90209...		foot 15 mm - non adjustable	n2510i00	
017	C00053567				set lower hinge (m6) rh-lh zncr		
018	C00015745			1 x C00281425	hinge pin - m6x(5+14)		
019	C00053419				adjustable foot		
020	C00022198			1 x C00045965	defrost hole cleaner (20x30mm)		
021	C00011286			1 x C00114785	blanking plug d4,5x8mm - white		
022	C00015332				spacer - condenser		

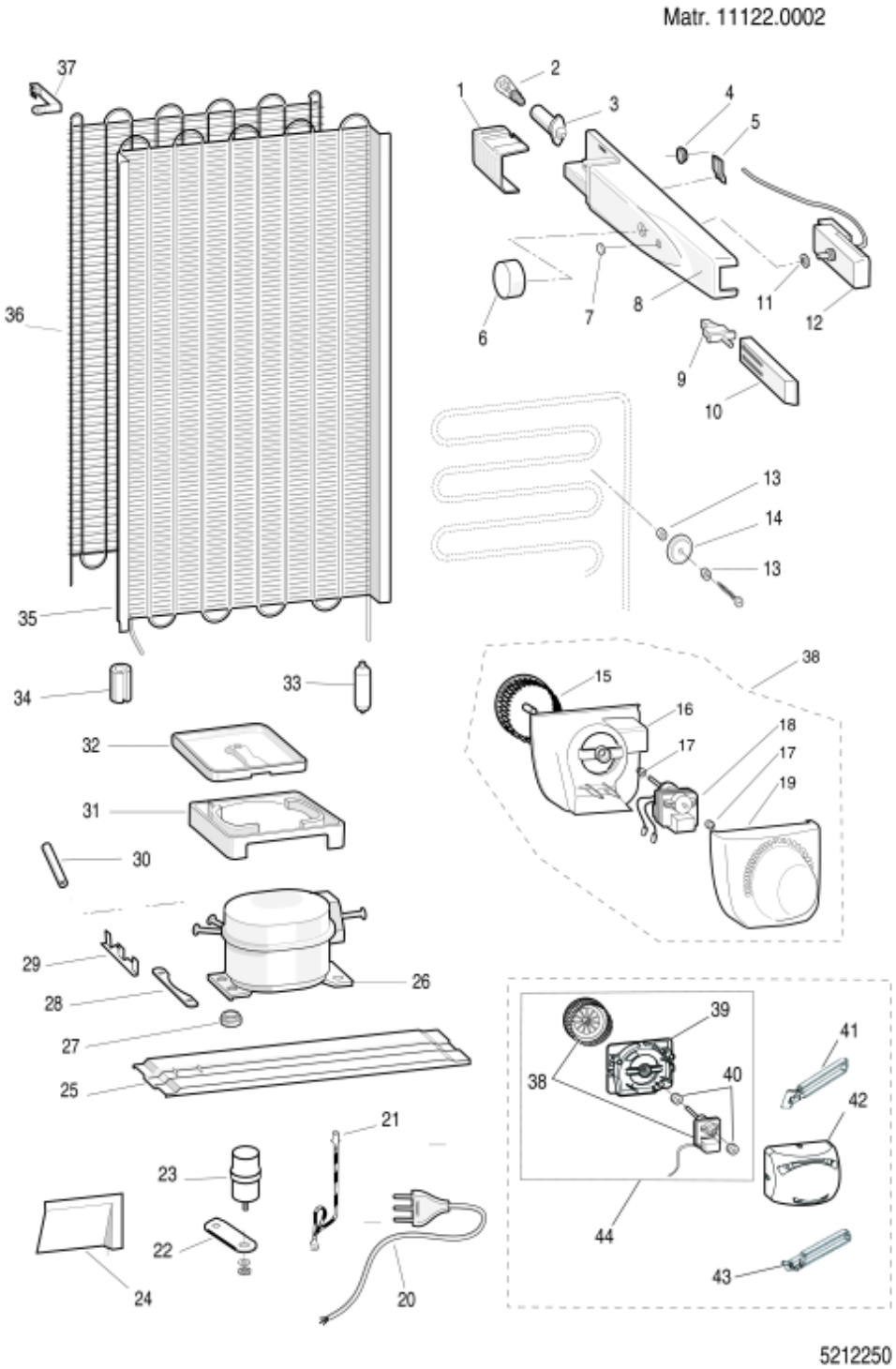
5172170 Exploded views



5172170 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00089086		10123...	1 x C00094621	hinged box cover (w.443) clear		
001	C00283224	10124...			rail for door shelf - crystal - 410	n3010j01	
002	C00089093				door shelf 443x70x104mm white		
003	C00081953				eggs tray (6) (152x95x20) cristal		
004	C00086419		01219...	1 x C00283448	butter box lid (180x92) blue		
004	C00283448	01220...			butter box lid (180x92) transp.		
005	C00086418		01219...	1 x C00283447	butter box (152x50x93mm) blue		
005	C00283447	01220...			butter box (152x50x93mm)		
006	C00089087		10123...	1 x C00283224	central shelf - neutral - 410 mm	n3010j01	
006	C00283224	10124...			rail for door shelf - crystal - 410	n3010j01	
008	C00089088		10123...	1 x C00283235	bottle shelf white (w 410mm)	n3010j01	
008	C00283235	10124...			bottle shelf white/crystal (w	n3010j01	
009	C00016387				hinge bush 4mm - grey		
009	C00021556			1 x C00116912	hinge bush 9,5 mm - grey		
009	C00024268				hinge bush 7 mm - grey		
010	C00034618				plastic washer 12x6,4x2 mm -		
011	C00096078				fridge door-style assy 541x1028 -	n1025145	
012	C00042743			1 x C00141802	door seal (fridge) 530x1017 p900-		
013	C00046081				blank plug		
014	C00053848				freeze door swell wxh		
015	C00053499			1 x C00141804	door seal (freezer) 530x278 p900 -		
016	C00096085				name plate ariston (alumin)		

5212250 Exploded views



5212250 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00048505				lamp cover (giugiaro)		
002	C00006522				lamp 15w (e14)		
002	C00092584				protective heat lamp		
003	C00066295				lamp-socket (vossloh) 250v e14		
004	C00007225				plastic expansion rivet		
005	C00009888				cable clamp		
006	C00048507				thermostat knob giugiaro -		
007	C00022048				blanking plug (10,6mm) - white		
008	C00066297			1 x C00142464	thermostat box b.27 giugiaro		
009	C00066294			1 x C00075585	lamp switch - n/c (eltek))		
010	C00066296				push-button light w.110 white		
011	C00002516				nut - thermostat(center-post)		
012	C00064591			1 x C00143906	thermostat (c.post) 077b-6189		
020	C00008598				mains supply cable 3x0,75		
020	C00094418				stop mains supply cable		
026	C00057383			1 x C00099798	compr. tecumseh thb1355ys 220-	n1025138	47289930001
026	C00059960				compressor danfos tles6f 220-		47289930000
026	C00099798				compr.gvy57aa 220v/50 1/5hp-		47289930002 47289930102
026	C00143571			1 x C00099798	compr.thb1355ys		47289930103
027	C00032453				rubber shock absorber -		
028	C00008471			1 x C00193590	fixing plate - compressor (750908)		
029	C00043734				plate clamp - 80x22 compressor		
030	C00042354				charging pipe 6x90 mm r134a		
031	C00046376				defrost tray (stick on) 215x148x25		
033	C00042334			1 x C00266179	filter gr.12 (d.1,95/d.4 mm) gas		
034	C00037341				anti vibration rubber bush		
035	C00017827				condenser (h=800x535)		

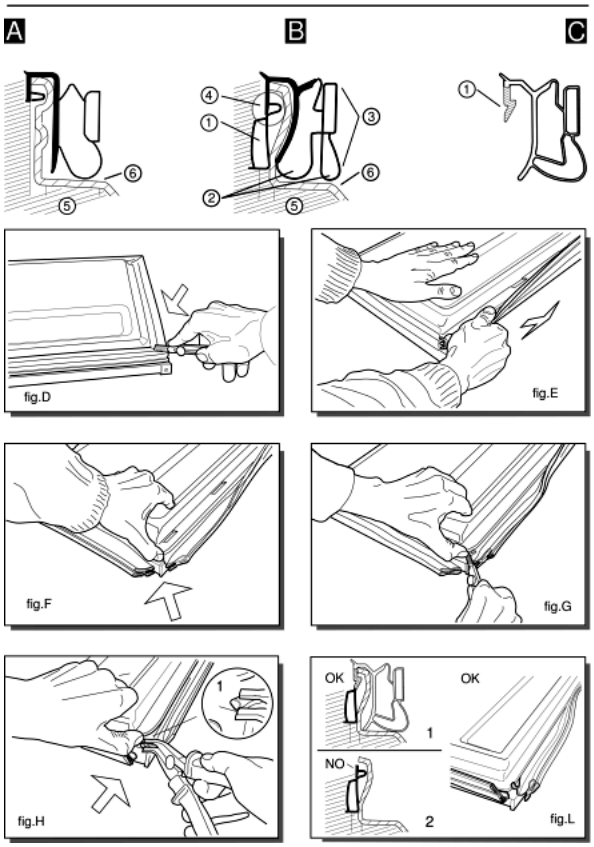
Notices

0513230: SEALS FOR DOORS FOAMED AS ONE PIECE

Various types of gaskets with different profile, as shown in figures (A) and (B), are used to fix the door (fig. A-5; B-5) and the inner door (fig. A-6; B-6) on the block foamed doors of combined freezers and refrigerators.
---Ilpea profile 245; 179; 412 (fig.A)
---Ilpea profile 287 (fig.B)
When replacing gaskets with profiles 245; 179; 412 these are fixed with screws (2 per corner) to the door.
Gaskets with profile 287 can not be used as spare parts but are designed to house the Ilpea type 900 gaskets (see figure C).
When replacing the gasket (287), once it is removed you will find a pocket (fig. B-1) between the door and inner door.
The rigid tooth (fig.C-1) of the gasket (900) is inserted inside between the pocket and the inner door, doing away with the need for screws.
Gasket with profile 287 is easy to identify since it has an exterior double edge (fig.B-2) which acts as a cushion when the door is closed.
To replace this gasket, follow these steps:
---Dismount the door and cut the four corners of the gasket along the joint (fig.D);
---lift the gasket and pull it carefully along its full length without tearing it (fig.E).
The purpose here is to detach the inner door slightly from the foam along the exterior edge for a depth equal to that of the gasket (fig.B-3);
---lift the corner of the inner door slightly, prising it up with your thumb (fig.F). Do not use a tool which might break the inner door;
---continue cutting the gasket inside the inner door for about 6 mm (fig.G);
---push in the tip of the pliers (type USAG N131) and pull outwards until you see the top edge of the pocket (fig. B-4) which is empty (fig.H-1);
---if you carry out this operation correctly (fig.L) you will be able to pull off the top edge of the pocket for the full length of the door.
If the gasket tears before the top edge (fig. L-2) you should repeat this operation from the other corner of the door.
---once the gasket (287), has been removed the space above the pocket (fig. L-1) can house the rigid tooth (fig. C-1) of the gasket 900.
When you fit this gasket ensure that it lies flush against the edge for the full length of the door.
If the rigid tooth is difficult to fit, eliminate any residues of foam between the door and the inner door in the gasket area.
fig.5131549A

n1025101: Disappearing bulb thermostats (warning!)

The apparatus that provide for the thermostat to be threaded into a small tube located inside the fridge cabinet are noted as versions with "disappearing bulbs".



The bulb must be inserted for a length equal to the position indicated on the colored ribbon (small mark) which confirms the correct position of the bulb in the evaporation area, otherwise causing the poor performance of the apparatus.
Therefore in cases of thermostat replacement it will be necessary to reset on the new, if missing, the same small mark position and always check that the thermostat bulb is completely devoid of the sheath so as to ease its insertion.
The entrance of the small tube, placed in the thermostat container, is protected by a perforation cover in order to avoid the formation of condensation. The perforation cover was initially situated externally and could be substituted with putty or silicone.
For the models with disappearing bulb thermostats, the spare parts are inclusive of the small colored marker,
however check that its position corresponds to that on the thermostat that will be replaced.
The spare part description always notes the position of the small marker in millimeters as well as the thermostat initials.

Example : 074519 = THERMOSTAT A13-0547 C. POST FASTEX (L.390)

n1025158: New central hinge for Ariston-55 2-door 240 litre refrigerators (Carinaro).

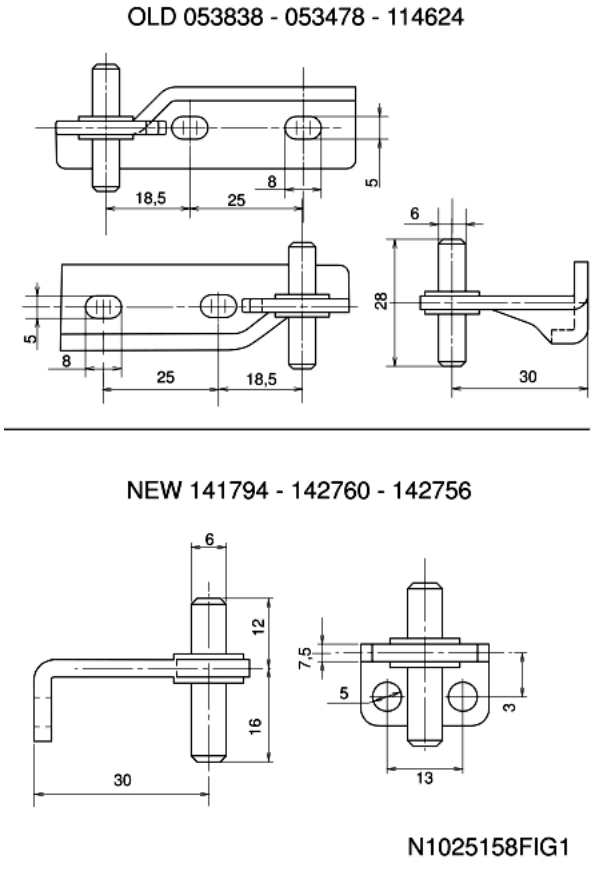
From serial no. 60123.0001, the Carinaro factory has modified the body of 240 litre refrigerators by introducing a new central hinge (see figure N1025058 Fig.1) attached to the side panel.
This hinge is still reversible but cannot be fitted on premodification models where the hinge was attached to the central trim of the refrigerator body (see Figure N1025058fig2).
When changing the door opening from right to left, the new hinge does not need to be inverted like the previous one, just moved to the left side.
To secure it, a hole must be made on the left side of the refrigerator body (see figure N1025058fig3).

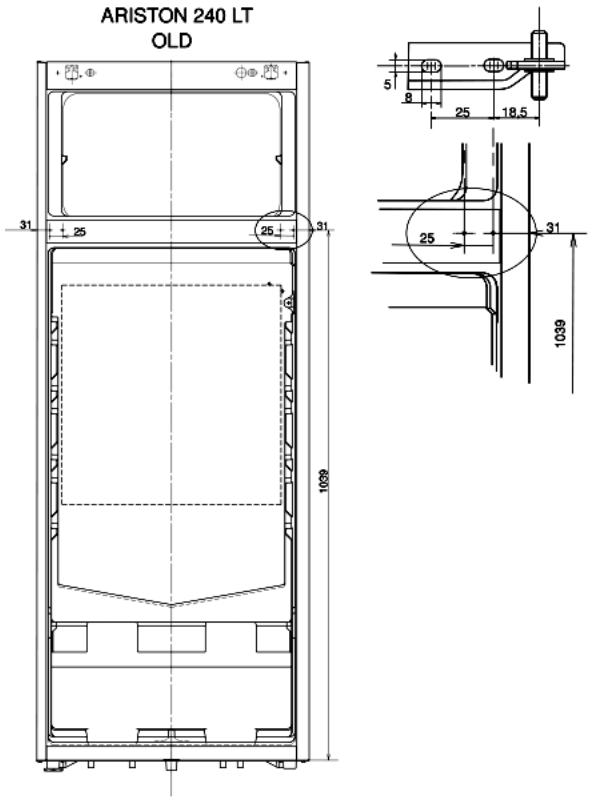
Parts affected

141794 - POLAR WHITE CENTRAL HINGE (CARINARO)
142756 - POLAR WHITE CENTRAL HINGE (MANISA)
142756 - CHROME-PLATED CENTRAL HINGE

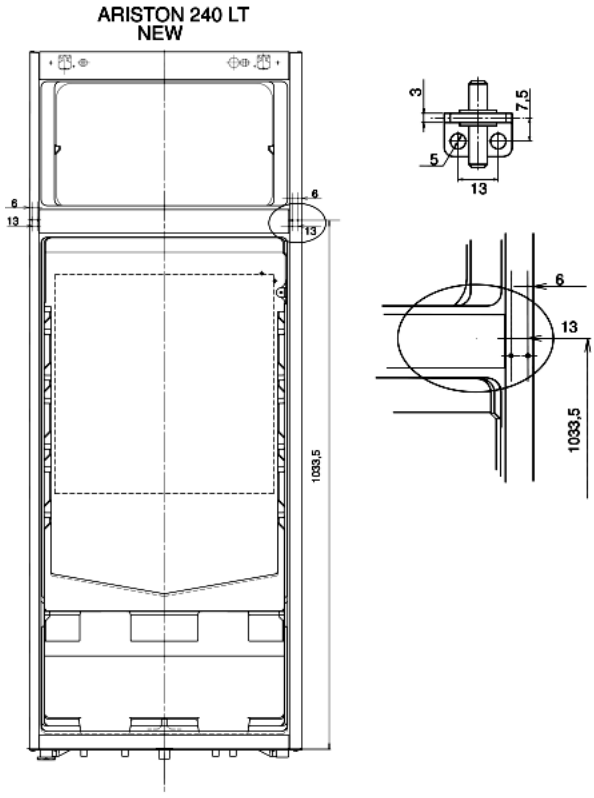
Parts replaced

053838 - CHROME-PLATED CENTRAL HINGE
053478 - WHITE CENTRAL HINGE
114624 - POLAR WHITE CENTRAL HINGE





n1025158FIG2



N1025158FIG3

n1025160: Elimination of screen printing on crisper front

From serial no. 60515.0001(May-2006) the front screen printing has been eliminated from the crispers of 55 cm wide

refrigerators produced in Carinaro.
With this modification, in order to simplify crisper replacement, the parts introduced will be managed complete instead of with separate crisper and front panel.

New parts (crisper kit)

0144897 - KIT WHITE CRISPER/44 LXH 460X184X156
0144899 - KIT CRISPER PW LXH 460X184X156
0144901 - KIT CRISPER PW LXH 460X184X206
0144903 - KIT CRISPER PW/44 LXH 460X184X206

Parts replaced

086596 - TRANSPARENT CRISPER FRONT 460X155
087298 - WHITE CRISPER FRONT 460X155

n2510i00: ADJUSTABLE FOOT CHANGED

Dimensions of the foot and its hole for fixing screw are changed to improve sytability of the product.

n2511b03: COLOR CHANGE BUTTER BOX AND COVER

Only transparent will be managed

n2511k01: ICE TRAY STANDARDIZATION

Ice tray has been standardized in order to manage only 12cubes version.

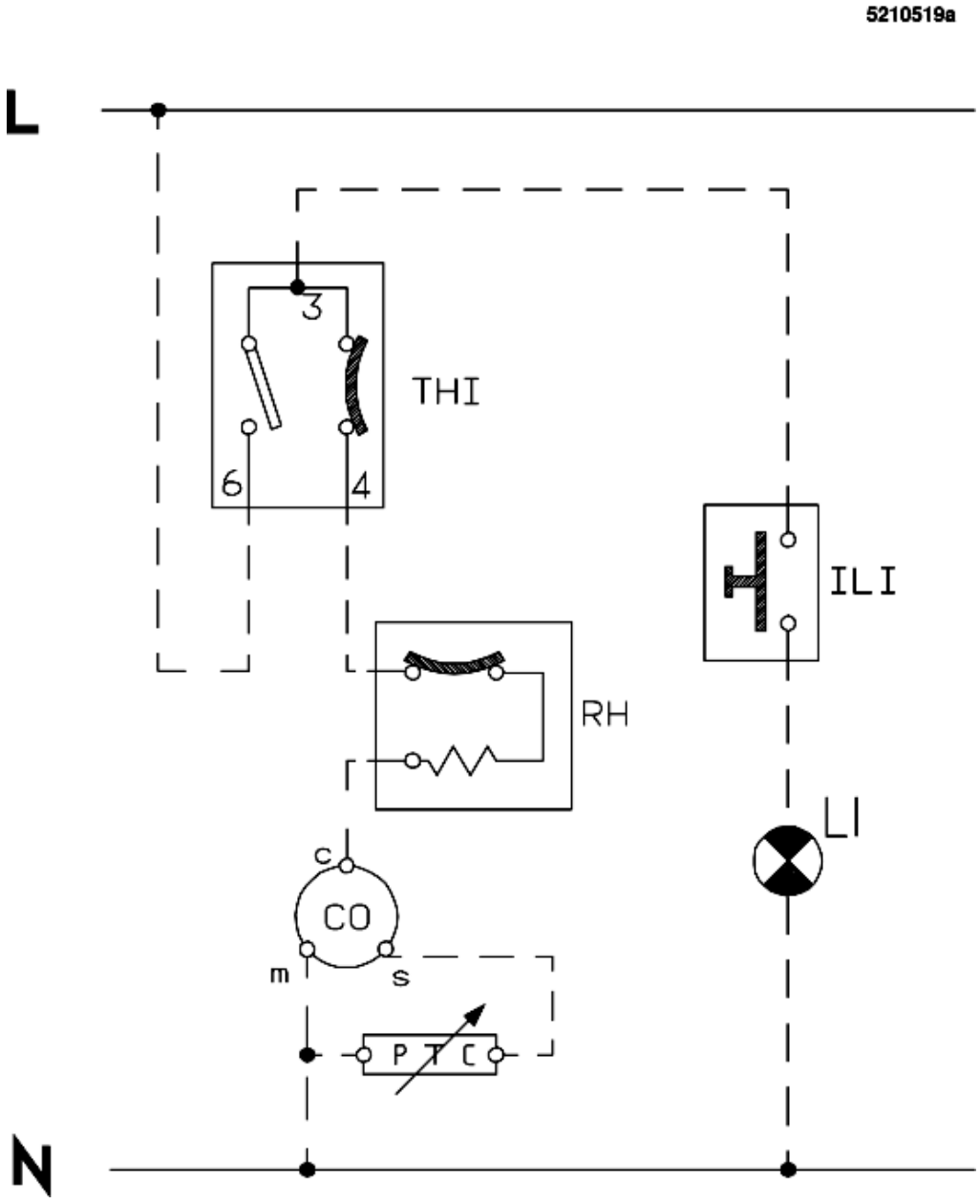
n3010j01: Colour Change of Internal Accessories

The colour of some of the internal shelves and accessories have changed to transparent. This affects models produced in Carinaro-Manisa. Modification is functionally interchangeable therefore once the colour versions of the parts have depleted they will automatically substitute to its corresponding transparent parts. Some parts will have been made obsolete with no substitution.

Some parts have changed from Satin Finish to Shiny (Crystal) Finish. These parts include;
-Door Shelves
-Crisper Front Panels
-Freezer Drawer Front Panels
All pre-modification components will be managed till the end of stock and after they will be substituted with new version.

Electric schemes and links

Cod. 521001b



Legend

Legend: 521001b

CM	Running capacitor	N	Neutral
CO	Compressor	PTC	PTC relay
FA	Radio anti-trouble filter	R	Heating resistance
IDS	Schackler with warning	RA	Ammetrical relay
ILFR	Push-button for fridge lamp/fan	RAN	Heating element condensation
ILFZ	Push-button for freezer lamp/fan	RFZ	Heating element condensation freezer
ILI	Lamp switch	RH	Thermal relay
IP	Door switch	RS	Defrosting resistance
IR	Line switch	RS1	Defrosting resistance no-frost evaporator
ISC	Warning light-freezing switch	RS2	Defrosting resistance no-frost gutter
IV	Fan-motor switch	SDC	CONTROL CARD DIAGRAM
L	Line	SL	Line warning
LFR	Fridge lamp	SND1	PROBE REFRIGERATOR EVAP.
LFZ	Freezer lamp	SND2	AIR-PROBE FREEZER
LI	Lighting lamp	SND3	AIR-PROBE REFRIGERATOR
M	Mass/Eart symbol	T	Erden
MO	Terminal board	TC	Turbocooling
MT	Timer motor	TF	Fuse-thermic
MV	Fan motor	THI	Thermostat switch
MVCO	Compressor compartment fan	THR	Adjustable thermostat
AR	Rear	MIDE	Defrost timer
ARE	Off	MRCL	Light brown
AUTR	Autotransformer	N	Black
AV	Front	NEU	Neutral
B	Blue	NU	Not used
B/N	Blue / Black	OPT	Optional
B/R	Blue / Red	OR	Orange
BCD	Control box	OR/N	Orange/Black
BLP	Lamp box	P	Plate
BR	Brown	PAB	Terminal strip
BRR	Connection terminal board	PCON	Freezer door
CD	Surge Capacitor	PH	Phase
CNTD	Activation contact	POS	Position

CNTS	Signs contact	PRBI	Bimetal protection
COM	Selector	PTC	PTC start
COMP	Compressor	R	Red
CON	Connector	RAC	Anti condensation heating
CONG	Freezer	RBD	Dispenser heating element
CONM	Multiple connector	RCAV	Cavity heating element
CONP	Main connecting	RD	Defrost heating element
CORA	Fast freezing	RENC	Frame heating element
CORD	Supply cable	RET	Time delay
CPER	Permanent condenser	RFAC	Facade heating element
CTES	Test cord	RITH	Thermostat internal
DMX	Auxiliary start	RL	Relay
EAU	Water	RO	Pink
ECL	Lighting	RO/N	Pink / Black
ECLC	Cavity lighting	RPTC	PTC relay
ERT	Working winding	RST	Heating element
EV	Electrovalve	S	Sector
FAGL	Icemaker	SGLP	Crushed cube solenoid
FRIG	Refrigerator	SON	Ringing
FUSI	Isolating fuse	STH	Thermal safety
GLA	Cube	TH	Thermostat
GPI	Crush	THCT	Thermo-contact
GR	Grey	THD	Defrost thermostat
GR/J	Grey / Yellow	THER	Thermal
GVAT	Ground with condenser auto tapped screws	THG	Main thermostat
I+V	Switch + LED	THIS	Power switch thermostat
ICCA	Frozen food cavity switch	TURB	Turbine
ICR	Fast freezing switch	UG	Defrost control
IEF	Cold water switch	V	Green
IGL	Icemaker switch	V/J	Green / Yellow
IGLP	Crushed cube switch	VATC	Refrigerator temp.
IHUM	Humidity switch	VATR	Freezer temp. variator
ILUM	Light switch	VE	Fan
INT	Switch	VECO	Condensation fan
IP	Door switch	VEEV	Evaporator fan
IS	Power switch	VEF	Cold water valve
J	Yellow	VFG	Ice maker valve
J/N	Yellow / Black	VI	Violet
J/V	Yellow / Green	VIB	Vibrator
LAMP	Light	VO	LED
LCCO	Frozen food cavity light	VOA	Alarm LED
LCUV	Cavity light	VOIP	Door switch LED
LFRI	Refrigerator light	VOS	Power LED
LLEG	Crisper light	VOU	Voltage LED
LMDI	Ice disp. motor switch	W	White
MA	On	W/MR	White / Brown
MDIS	Ice disp. motor	W/R	White / Red