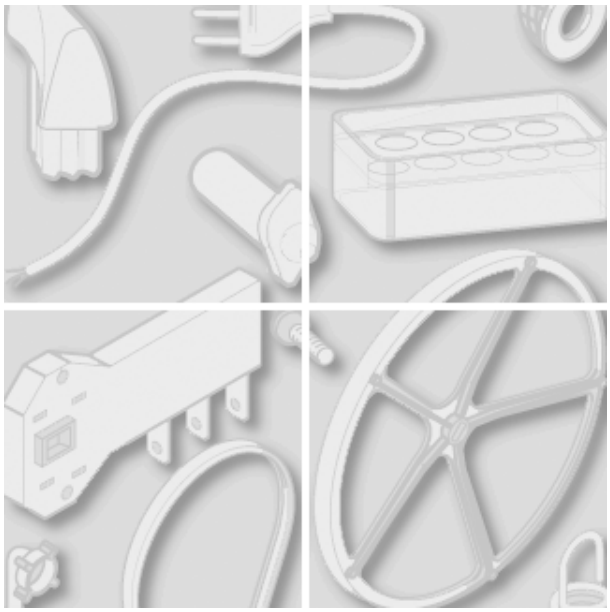
INDESIT company



Model type:

HM27M

Commercial code:

F013552

F013553

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:

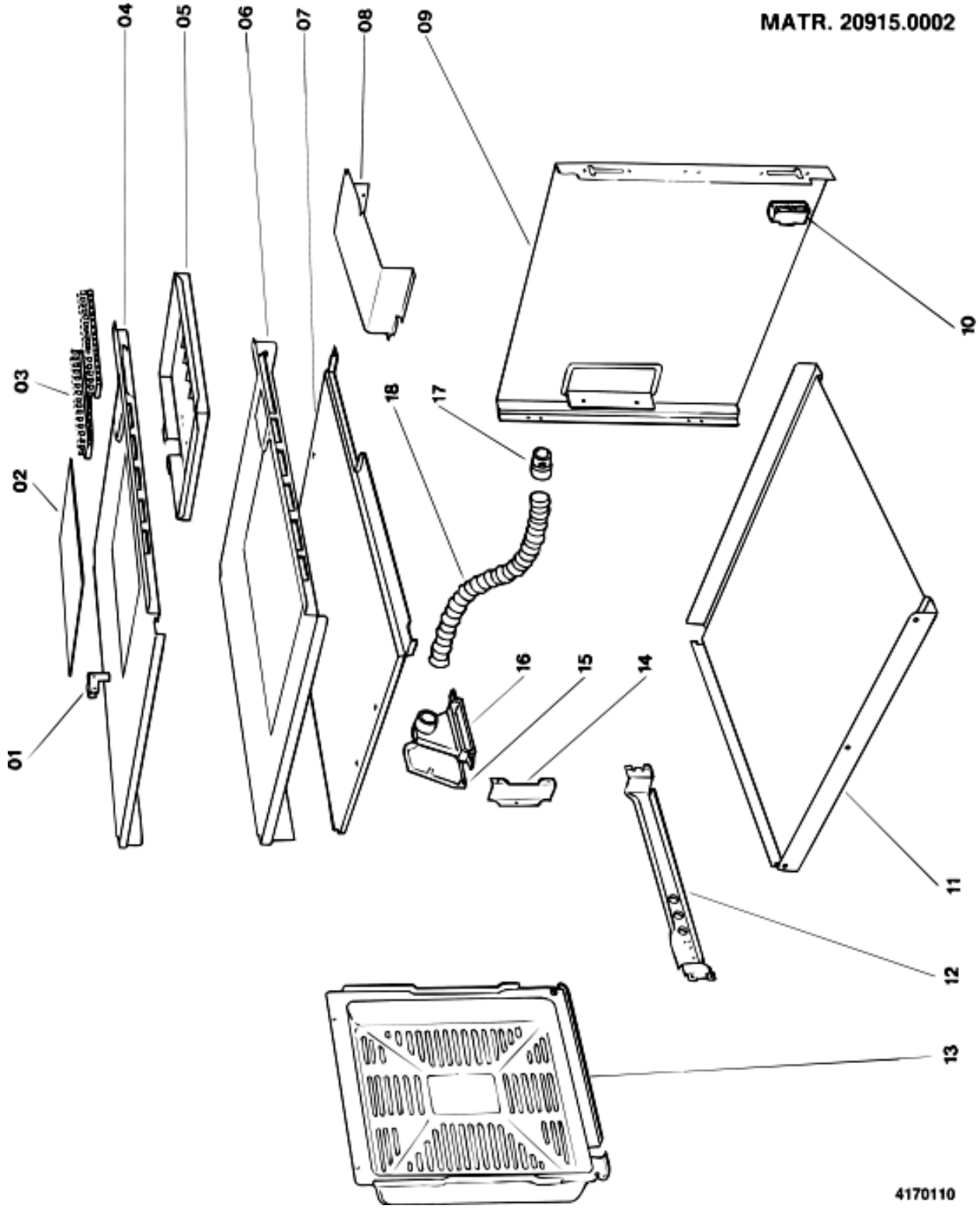
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

4170110 Exploded views

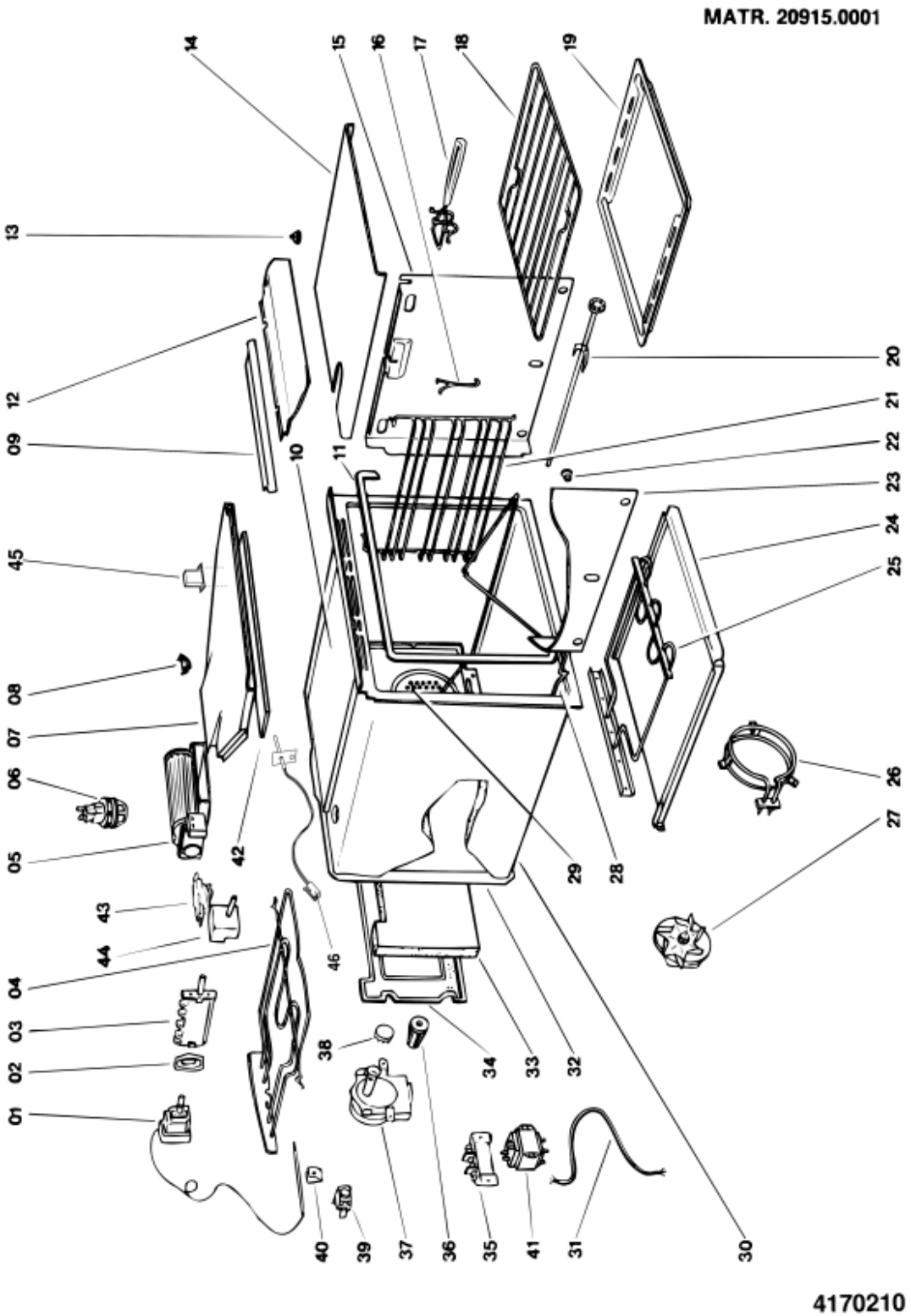


4170110 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00037203 (482000073658)				user instruction book		
000	C00048063				user instructions booklet hm27m		
000	C00048064				user instructions booklet hm27m		
000	C00051713				user instruction book		
001	C00016123 (482000072739)				cable-clamp		
002	C00022841				cover for terminal block		
003	C00028742 (482000073185)				terminal block 16 way		
003	C00028743 (482000073186)				terminal block 2 way		
004	C00028729				upper coven oventop90		
005	C00018350 (482000072778)				terminal block box		
009	C00022145				oven rh side cover		
009	C00022146				access cover - side panel		
009	C00028438 (482000061824)				oven lh side cover		
009	C00051217				oven rh side cover monobl.moderno		
009	C00051218				oven lh side cover monobl.moder.		
010	C00039685 (482000053879)			1 x C00056703 (482000022653)	hinge support (roller hinge pivot)		
010	C00056703 (482000022653)				hinge support (roller hinge pivot) monobl		
011	C00022148				oven bottom cover		

013	C00048011 (482000074375)	outer back oven cover

4170210 Exploded views

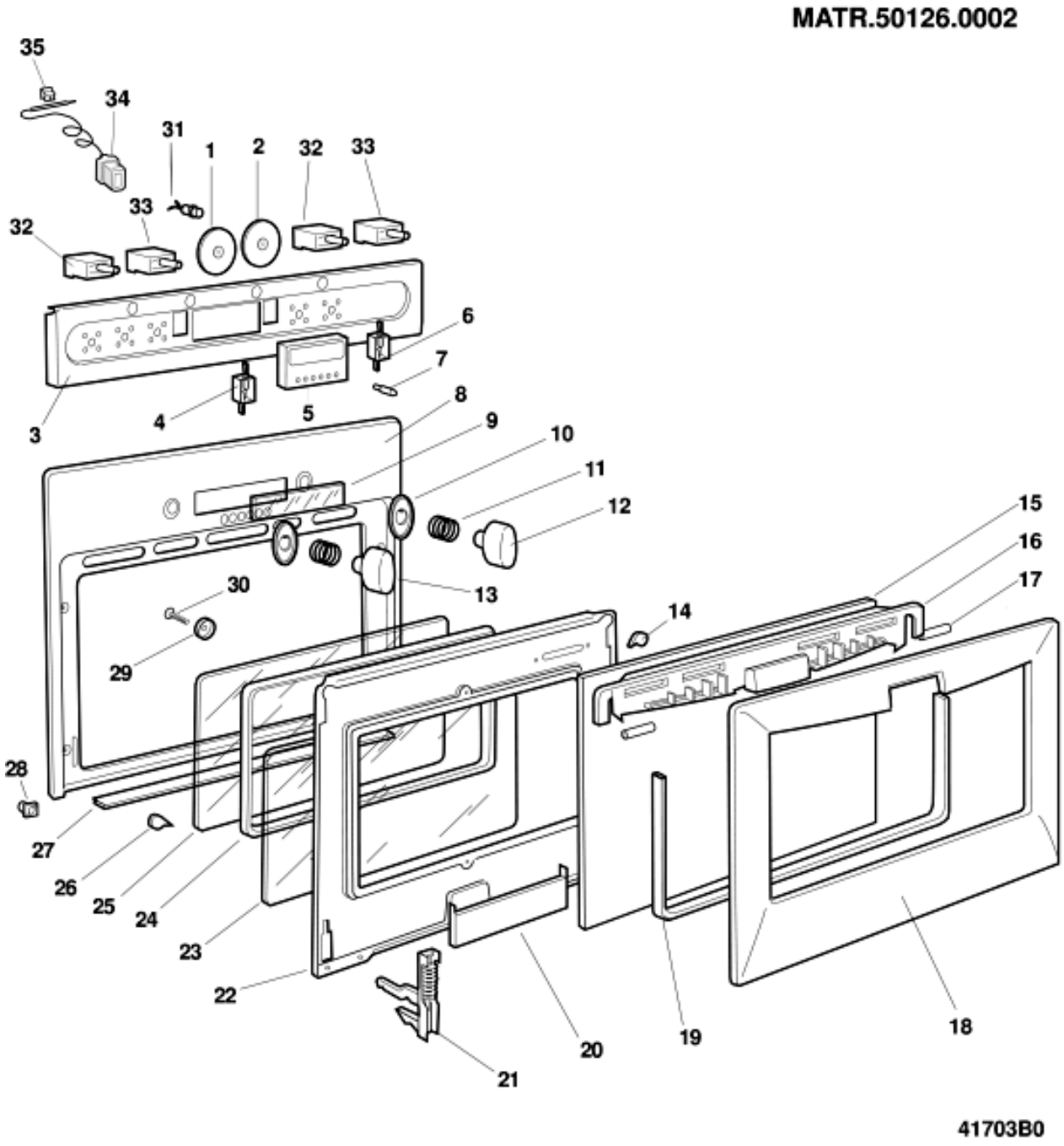


4170210 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00045424				oven thermostat		
001	C00052585 (482000026806)				oven thermostat		
003	C00045423		80329...		oven function switch (7 position)	n1015004	
003	C00057133 (482000074998)	80330...			oven new function switch (7 position)		
004	C00045430 (482000026560)				upper element oven/grill 1,2+0,8kw		
005	C00033781 (482000026256)				motor fan/assy - ventilation(tangential)		
006	C00033777 (482000055775)			1 x C00038035 (482000026352)	oven lamp bulb 25w (pistor)		
007	C00034712 (482000064201)				ventilation ducting		
011	C00027982 (482000022590)				oven door seal- 4 sides brown		
018	C00030161 (482000026148)				oven grate 30mm wires		
019	C00031422 (482000052617)				drip tray - black enamelled		
019	C00031426 (482000064014)				plate for pastry black 19mm		
021	C00033135 (482000073449)				wire runners - oven shelf supports		
022	C00016118 (482000072738)				round securing nut - shelf runners		
023	C00036491 (482000052618)				oven panel kit - self cleaning		
024	C00016423 (482000025972)				ducting - lower heating element		
025	C00045431 (482000026561)				heating element - oven bottom 1200w		
026	C00045432 (482000026562)				circular oven heating element (fan) 1600w		

027	C00016057 (482000025968)		fan motor-(cooking) 220v/240v 50hz 25watt	n1015003
029	C00033403 (482000063083)		oven back panel (inner) enamelled	
030	C00033953 (482000073479)		oven insulation - sides	
032	C00053370 (488000053370)		oven hm27m	
033	C00039048		oven insulation mat - back	
034	C00016108 (482000063939)		oven outer back panel	
035	C00039459 (482000022612)		junction block three-phase fastex	
036	C00002750		reducer spacer	
040	C00038914 (482000054451)	1 x C00280851 (482000031488)	fixing plate for self-tapping screw 8p	
040	C00039578 (482000022614)		spring for thermostat bulb	
041	C00029213 (482000073220)		transformer 220/12v	
043	C00040555		oven safety thermostat	
045	C00049281		relay	0417010

41703b0 Exploded views



41703b0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00045417 (482000074223)				disc - oven fuction switch		
002	C00045418				disc - oven thermostat		
004	C00045425				illuminator - 2 lamps		
005	C00037227 (482000054710)			1 x C00051476 (482000074619) 1 x C00051477 (482000022634)	electronic programmer (diehl)		
005	C00051477 (482000022634)				electronic program eaton 220-240v (rh)		
006	C00045426				illuminator - 1 lamp		
007	C00045420				knob (electronic prog.) - grey (diehl)		
007	C00047201				knob (electronic prog) - black (diehl)		
008	C00048062				antracite front serigraphs hm10m		
008	C00048065				inox front serigraphs hm27m		
008	C00048081				antracite front serigraphs hm27m		
009	C00045416				glass progammer cover		
010	C00045421				knob disc - grey		
010	C00047203				knob disc - black		
011	C00039156 (482000026373)				knob disc - spring		
012	C00045419 (482000026559)				knob (oven + thermostat) - chrome/timer		
012	C00047202 (482000074340)				knob (oven + thermostat) - black/timer		

014	C00040133		rh tab - rustic oven door
015	C00045413 (482000074222)		oven door glass - outer
016	C00045414		oven door handle - grey
016	C00047204		oven door handle - black
018	C00045408		outer door frame - stainless
018	C00047206		outer door frame - anthracite
019	C00045412		door seal - outer frame/outer glass
020	C00045411		moulding - glass fixing
021	C00031925 (482000022595)	1 x C00056702 (482000022652)	oven door hinge-(roller hinge pivot)
021	C00056702 (482000022652)		oven door hinge-(roller hinge pivot) mono
022	C00045409 (482000090696)		oven inner metal door
023	C00039104		door middle glass
024	C00039274		door seal - inner glass/outer glass
025	C00017200 (482000055080)	1 x C00025280 (482000026080)	oven inner door glass
026	C00040134		lh door tab (rustic oven door)
027	C00041964 (482000026475)		condensation trim - lower door edge
028	C00039816 (482000073825)		front spacer door (enbloc)

41703b0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
029	C00017209 (482000072754)				washer - inner glass clamping screw		
030	C00017208 (482000025976)				screw - inner door glass clamping		
031	C00016052				pilot lamp lens		
031	C00032235 (482000026213)				pilot lamp red 500mm		
031	C00034039 (482000073481)				pilot lamp lens - green		
032	C00037056 (482000022605)				regolator.energ.x grill/piastra alogena.		
032	C00056412 (482000022649)				energy regulation dual 230v		
033	C00039796 (488000039796)				extending plate energy regulator		
099	C00002498 (482000062610)				nut 5ma		
099	C00053528				front fixing angle bultin-in cooke.monob.		
099	C00086570 (482000072335)				kit connector new hobs (nobilia)	n1015019	
099	C00087600 (488000087600)				sheath covering bk		

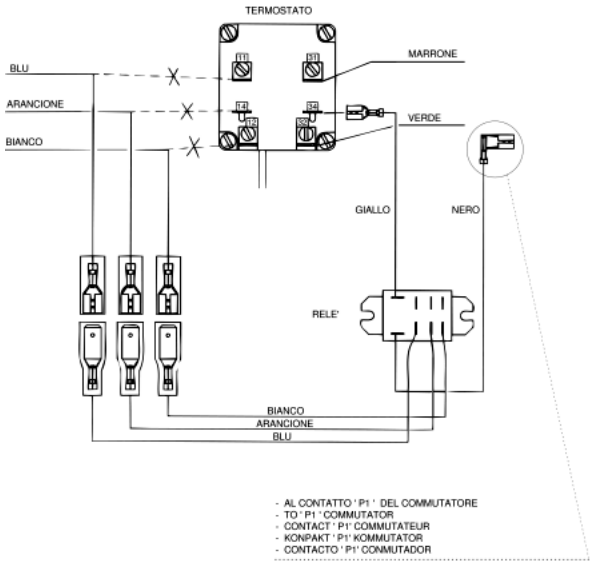
Notices

0417010: 049282 BUILT-IN OVEN RELAY KIT - FM27M-HM27M

Not1 010
As from serial no. 60401.0001, in order to resolve the problem of a faulty thermostat led lamp (led on even when the temperature setting is reached or led off when the heating element is on), a special relay has been mounted on recessed Ariston oven models FM27M and
HM27M.
A special relay kit code 049282 has therefore been produced for premodification ovens with this fault.
To make the repair follows these steps:
.li. Remove the blue, orange and white cables from thermostat contact (11-14-12); mount the faston caps provided in the kit on the terminals of the free cables.
Connect the three relay cables as shown in figure (remember to connect cables of the same colour).
--- Fit the brown and green cables on the thermostat, as shown in figure.
--- Now connect the yellow cable on contact 34 of the thermostat and the black cable on contact P1 of the oven switch.
fig.4170889A
A BLUe
B Orange
C White
D Browne
E Green
F Yellow
G Black
H Thermostat
I RELay
J To ' P1 ' commutator

n1015003: Oven fan assembly

Beginning with serial no. 80715.0001 a new oven fan was introduced, perfectly interchangeable with the pre-modification one, yet different from it in that it does not have a fastening disk.
To assemble, fix the screws into the three holes within the motor structure.
When assembled, the motor will have a winding rotated anticlockwise by 60° compared to its old position.



Italiano	English	Francais	Deutsch	Spagnol
BIANCO	WHITE	BLANC	WEISS	BLANCO
NERO	BLACK	NOIR	SCHWARZ	NEGRO
MARRONE	BROWNE	MARRON	BRAUN	MARRON
ARANCIONE	ORANGE	ORANGE	ORANGE	ANARANJADO
VERDE	GREEN	VERT	GRÜN	VERDE
GIALLO	YELLOW	JAUNE	GELB	AMARILLO
BLU	BLUE	BLEU	BLAU	AZUL
RELE'	RELAY	RELAIS	RELAIS	RELE
TERMOSTATO	THERMOSTAT	THERMOSTAT	THERMOSTAT	TERMOSTATO
COMMUTATORE	COMMUTATOR	COMMUTATEUR	KOMMUTATOR	CONMUTADOR

n1015004: Introduction of a new Commutator

Beginning with serial no.80330.0001, a new oven commutator has been introduced to improve quality.
The new commutator is not interchangeable with the pre-modification one, which will continue to be handled.

Old Commutator
045423

New Commutator
057133

n1015019: Connection Connector Kits for New Ovens - Old Cook tops and Old Ovens - New Cook tops.

Connection Kits have been realized to assist in connecting the new ovens to the old cook tops and new cook tops to the old ovens.

The codes of the new items are as follows:

Code SAT 086569 - Connection Kit for old cook tops and new ovens;
Code SAT 086570 - Connection Kit for new cook tops and old ovens;

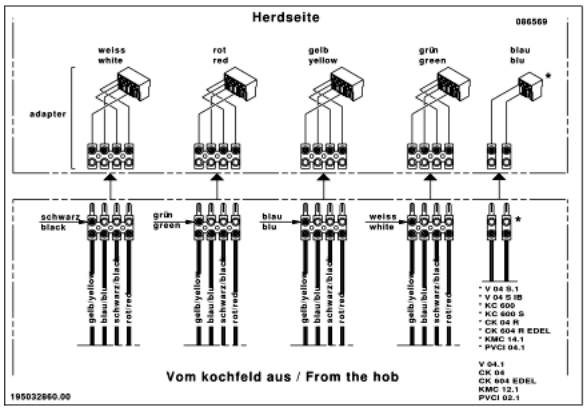
The Kit code SAT 086569 is also equipped with 3 specific diagrams that highlight the connections to be performed, and the same for the Kit 086570.

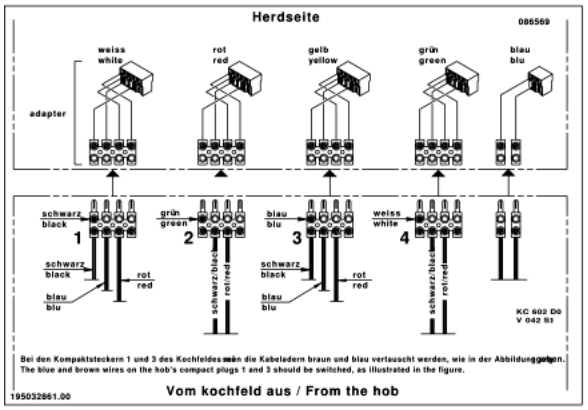
Where the Kit 086569 is used you will need to check the match code on the diagram to the cook top model.
The same procedure is to be performed for the kit 086570.

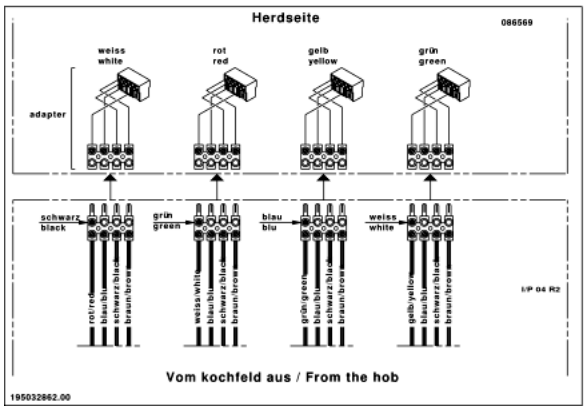
In order to simplify the matching of the kit, we have realized in the enclosed diagrams to this Notice the following four diagrams:

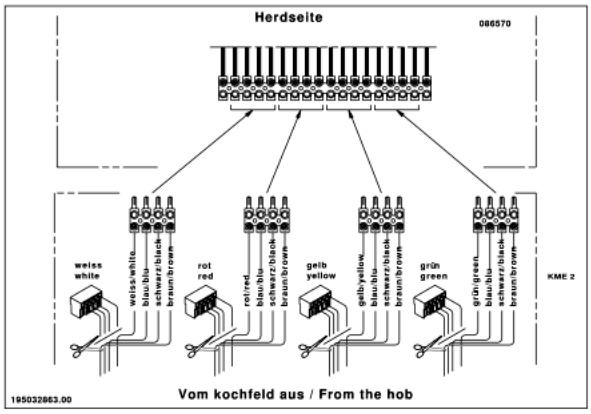
1) Table A referred to the code SAT 086569 for all models of New Ovens - Old Cook tops.
2) Table B referred to the code SAT 086570 for all models of Old Ovens - New Cook tops.
3) Connections diagram kit code SAT 086569;
4) Connections diagram kit code SAT 086570.

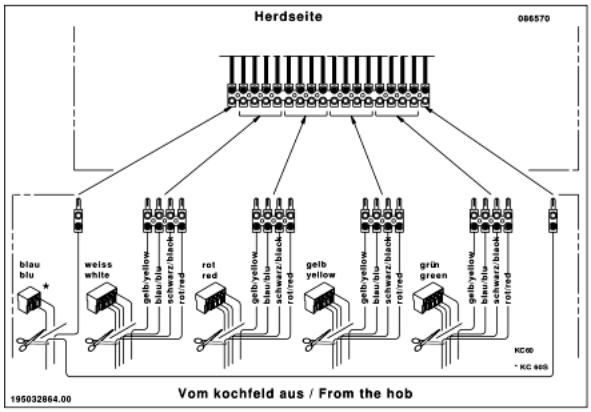
NT007100

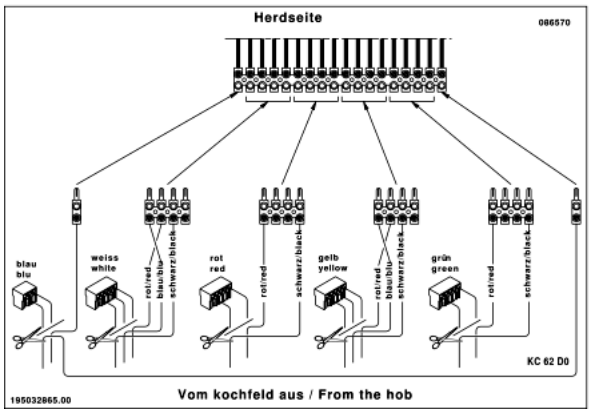







Herdseite
086570
weiss white
rot red
gelb yellow
grün green
KME 2
195032863.00
Vom kochfeld aus / From the hob


Herdseite
086570
blau blu
weiss white
rot red
gelb yellow
grün green
KC60
* KC 666
195032864.00
Vom kochfeld aus / From the hob


Herdseite
086570
blau blu
weiss white
rot red
gelb yellow
grün green
KC 62 D0
195032865.00
Vom kochfeld aus / From the hob

NT007300

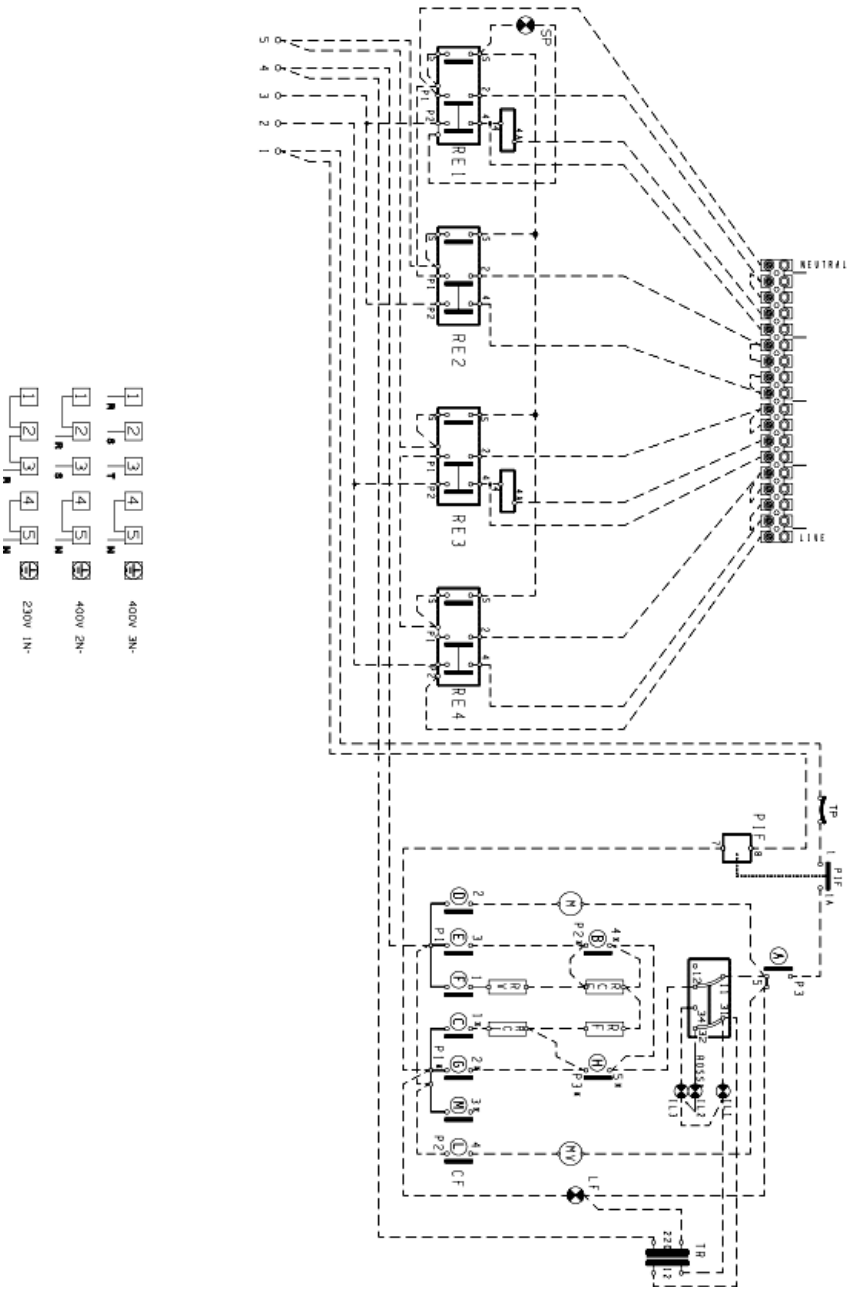
KIT CONNETTORI	NUOVI FORNI		VECCHI PIANI	
086569	26501	HB 10 A (ALU)	18199	KC 600 BK
086569	26498	HB 10 A (BK)	18197	KC 600 BR
086569	26499	HB 10 A IX	18200	KC 600 IX
086569	26500	HB 10 A (OW)	18201	KC 600 OW
086569	26497	HB 10 A (WH)	18203	KC 600 S IX
086569	26976	HB 20 AC (WH)	18198	KC 600 WH
086569	26977	HB 22 AC IX	18207	KC 602 DO BK
086569	26978	HB 22 AC (WH)	18205	KC 602 DO BR
086569	26505	HB 50 A (ALU)	18208	KC 602 DO IX
086569	26503	HB 50 A (BK)	18206	KC 602 DO WH
086569	25891	HB 50 A IX	25069	KME 4 IX AR
086569	26504	HB 50 A (OW)	05705	I-P04R2(BK)/KM04(BK)
086569	26502	HB 50 A (WH)	04148	I-P04R2(BR)/KM04(BR)
086569	26507	HB 50 ER (ALU)	25070	I-P04R2 IX IN
086569	26506	HB 50 ER IX	00594	I-P04R2 IX /KM04 CN
086569	26987	HB 52 AC (BK)	16819	I-P04R2(OW)/KM04(OW)
086569	26986	HB 52 AC (WH)	00595	I-P04R2(WH)/KM04(WH)
086569	26985	HB 52 C IX		
086569	26996	HB 56 C (BK)		
086569	26994	HB 56 C IX		
086569	26995	HB 56 C (WH)		
086569	26509	HO 10 (ALU)		
086569	26510	HO 10 (BM)		
086569	26508	HO 10 IX		
086569	26512	HO 50 (ALU)		
086569	26513	HO 50 (BM)		
086569	26511	HO 50 IX		
086569	26997	HO 87 EC IX		
086569	26515	HO 87 EF (ALU)		
086569	26516	HO 87 EF (BM)		
086569	26514	HO 87 EF IX		

NT007400

086570	5469	HS10.1 (BR)	26639	KC 60 BK
086570	5470	HS10.1 (WH)	26637	KC 60 IX
086570	5473	HS10.1 (BK)	26638	KC 60 OW
086570	5474	HS10.1 IX	26636	KC 60 S IX
086570	5475	HM10 (BR)	26635	KC 60 WH
086570	5476	HM10 (WH)	27504	KC 61 D IX
086570	5477	HM10 (BK)	27452	KC 62 DO (BK)
086570	5478	HM10 IX	26640	KC 62 DO IX
086570	5479	HM27V (BR)	27453	KC 62 DO (WH)
086570	5480	HM27V (WH)	26620	KME 2 (IX)
086570	5481	HM27V (BK)	26619	KME 2 (OW)
086570	5487	HM34T (AN)	26617	KME 2 (WH)
086570	5486	HM34T (WH)	26618	KME 2 (BK)
086570	6267	HM27V (BK)		
086570	6268	HM27V (WH)		
086570	6269	HM34T (AN)		
086570	6270	HM34T (WH)		
086570	6271	HS100.1 (BK)		
086570	6273	HS100.1 (WH)		
086570	6275	HS100.1 (IX)		
086570	6398	HM10 V(MF)		
086570	6526	HS10.1 V(MF)		
086570	6530	HS 101 (WH)		
086570	6531	HS 101 (BR)		
086570	8394	HS10.1 EG		
086570	8395	HS10.1 BB		
086570	8396	HS 10.1 (AG)		
086570	8397	HS10.1 D (WG)		
086570	8398	HS10.1 D (BG)		
086570	8399	HS10.1 D (BG)		
086570	13552	HM27 M IX		
086570	13553	HM27 M (AN)		
086570	13554	HM10 M IX		
086570	13555	HM10 M (AN)		
086570	13556	HS10 M IX		
086570	16552	HS 30 (BR)		
086570	16553	HS 30 (WH)		
086570	16554	HS 30 (BK)		
086570	16555	HS 30 IX		
086570	16556	HS 30 G (BK)		
086570	16557	HS 30 G (OW)		
086570	16558	HS 30 G (BR)		
086570	16559	HS 30 (OW)		
086570	16560	HM 50 (BR)		
086570	16561	HM 50 (WH)		
086570	16562	HM 50 (BK)		
086570	16563	HM 50 IX		
086570	16564	HM 54 T (AN)		
086570	16565	HM 54 T (WH)		
086570	16566	HM 54 T (OW)		
086570	16567	HM 87V (BR)		
086570	16568	HM 87V (WH)		
086570	16569	HM 87V (BK)		
086570	16625	HM 50 (OW)		
086570	16626	HM 50 G (BK)		
086570	16627	HM 50 G (OW)		
086570	16628	HM 50 G (BR)		
086570	16125	HM 50 R IX SK		
086570	16126	HM 50 R (WH)BK		
086570	22221	HM 55 R (WH)		
086570	22222	HM 55 R (BK)		
086570	22223	HM 55 R IX		
086570	24017	HS 30 R ALU		
086570	24018	HM 50 R ALU		

Electric schemes and links

Cod. 417066b



Legend

Legend: 417066b

AE	Ignition transformer	PE	Plate electric (Normal and Rapid)
AT	Ignition transformer	PEL	Wall socket
CF	Oven commutator	PIF	Cooking programmer
CP	Plate commutator(Normal end Rapid)	POT	Thermostated potentiometer
CT	Plate commutator(Automatic)	PT	Termoprotector
DC DR	Double Knob double crown burner control card	PTC	Thermostated sensor
EV	Electro-Valve	RCE	Grill heating element ex- ternal
FC	End of cooking programmer	RCI	Grill heating element internal
FRONT	Daschboard	RE	Energy regulator
I/LF	OVEN LIGHT SWITCH	RF	Oven lower heating element
I/LF-MG	OVEN LIGHT SWITCH + ROTISSERIE	RG	Grill heating element
I/MG	TURNSPIT SWITCH	RG COM	Grill heating element un- ion
IL	Knobs' Lighting	RV	Heating element ventilated oven
ILG	Lamp switch turnspit	SA	Boiler operating led
IT	Thermostated switch	SB	Thermostated burner led
L	Line (Feed)	SF	Warning light working
LF	Oven light	SO	Probe temperature
LI	Oven light	SP	Operating Indicator Light for the Plate
M	Suction motor handle	ST	Warning light thermostat
MG	Turnspit motor	TH	Thermostat fixed
MO	Terminal board	TH2	Thermostated burner cooling
MUFF	Oven	THR	Adjustable thermostat
MV	Fan motor	TP	Termoprotector
N	Neutral (Feed)	TRAV	Support terminal board
PA	Ignition push-button	TRM	Thermostated burner control card