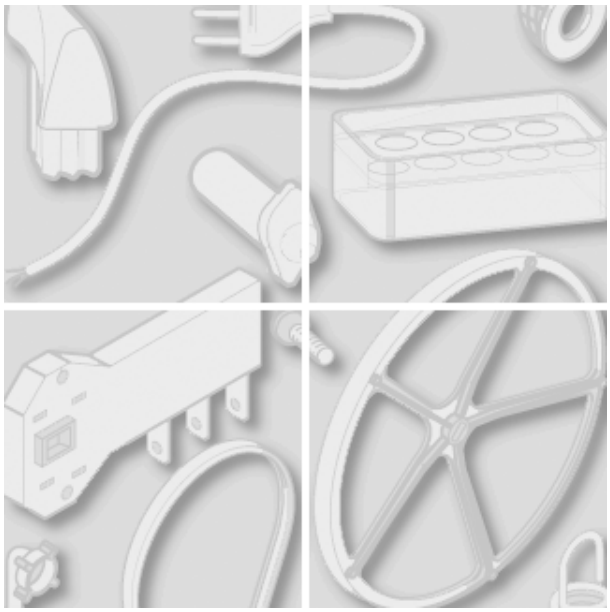
INDESIT company



Model type:

HM27V

Commercial code:

F005479
F005480
F005481

ARISTON INDESIT Scholtès

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:

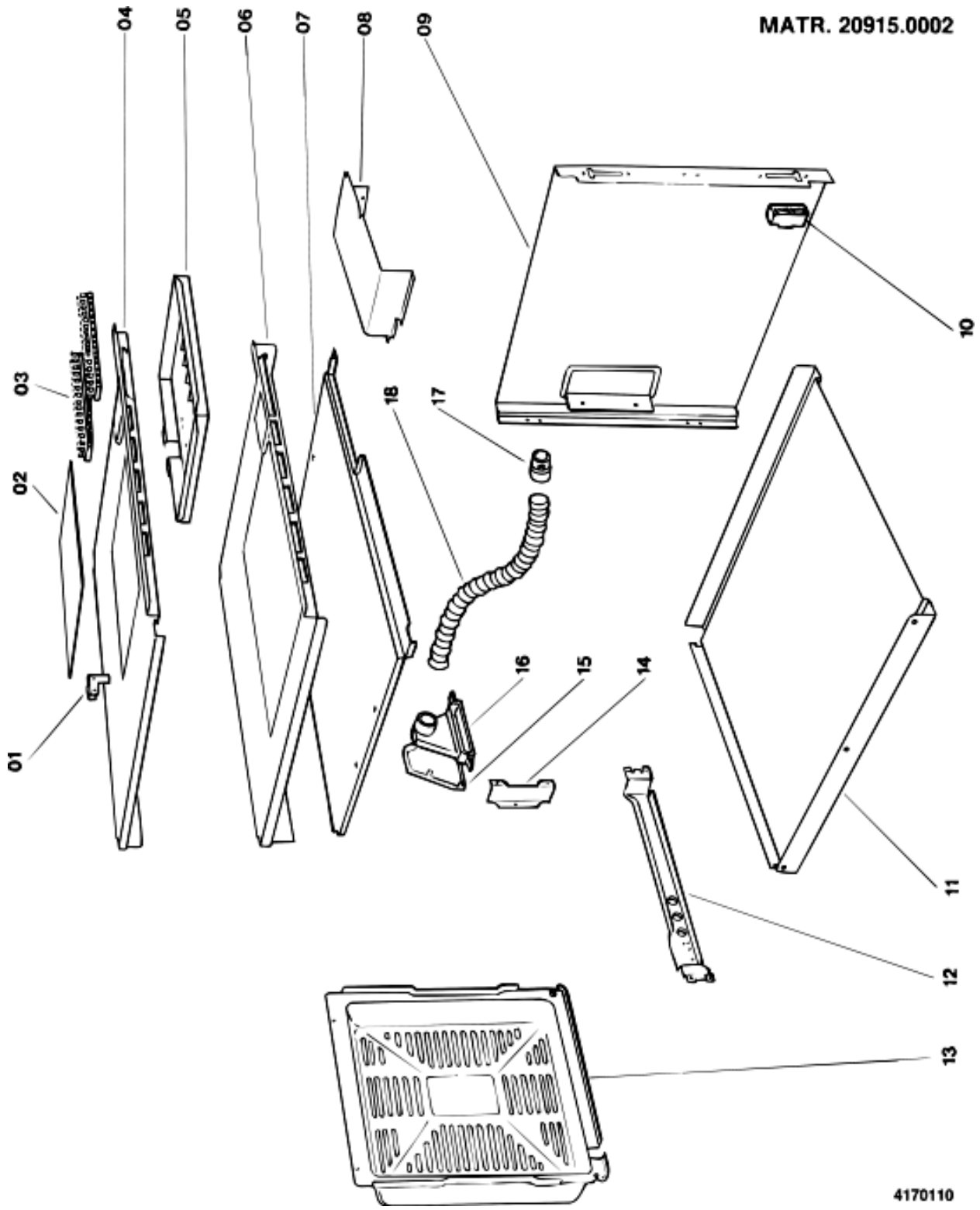
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

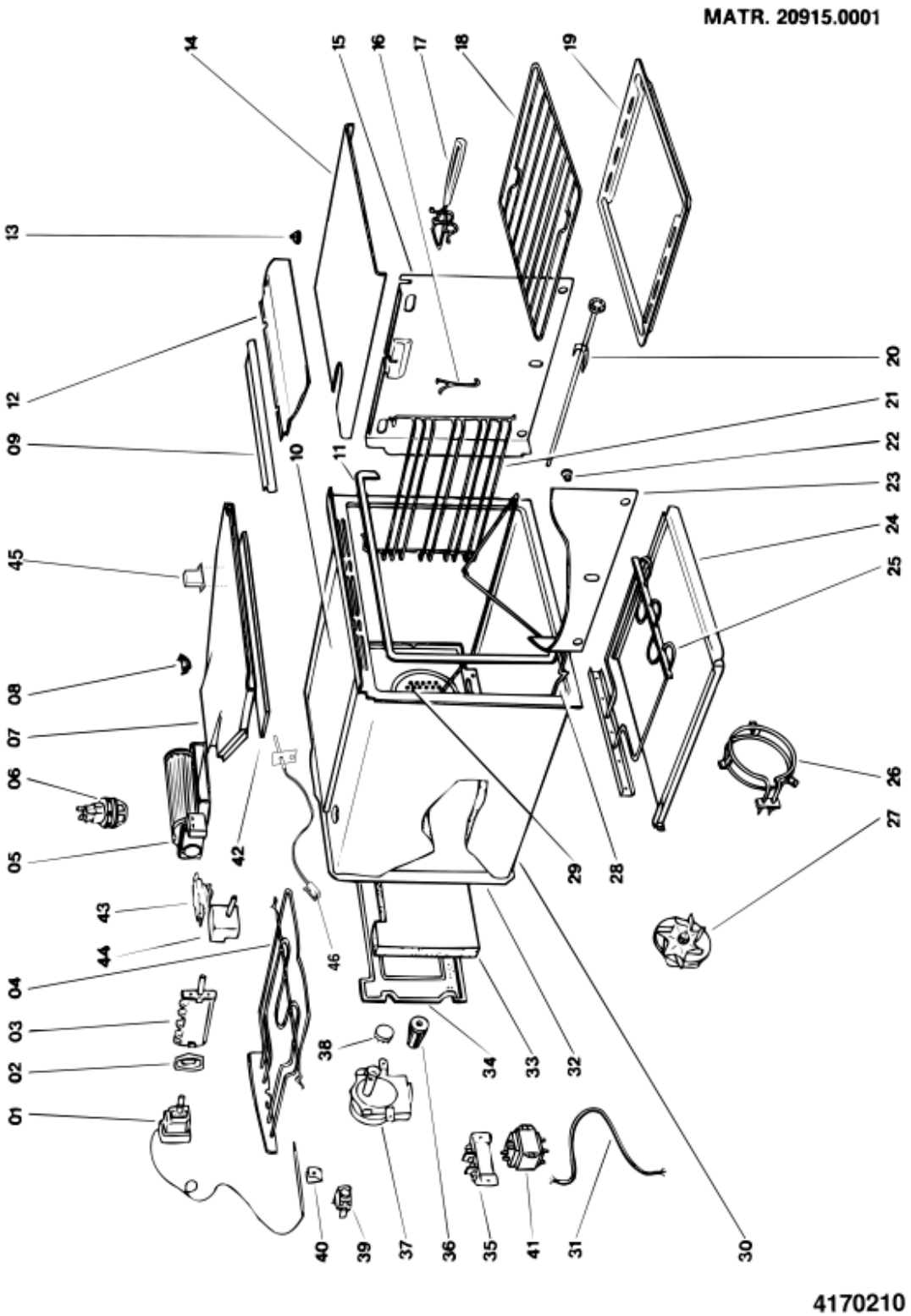
4170110 Exploded views



4170110 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00037203 (482000073658)				user instruction book		
000	C00039785				user instructions booklet hm27		
000	C00040812				user instructions booklet hm27		
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		
009	C00022145				oven rh side cover		
009	C00022146				access cover - side panel		
009	C00028438 (482000061824)				oven lh side cover		
010	C00039685 (482000053879)			1 x C00056703 (482000022653)	hinge support (roller hinge pivot)		
010	C00048090				hinge support (fixed hinge pivot)	0417007	
011	C00022148				oven bottom cover		
012	C00016102				terminal block bracket		
013	C00027481 (482000053366)			1 x C00048011 (482000074375)	outer back oven cover		

4170210 Exploded views

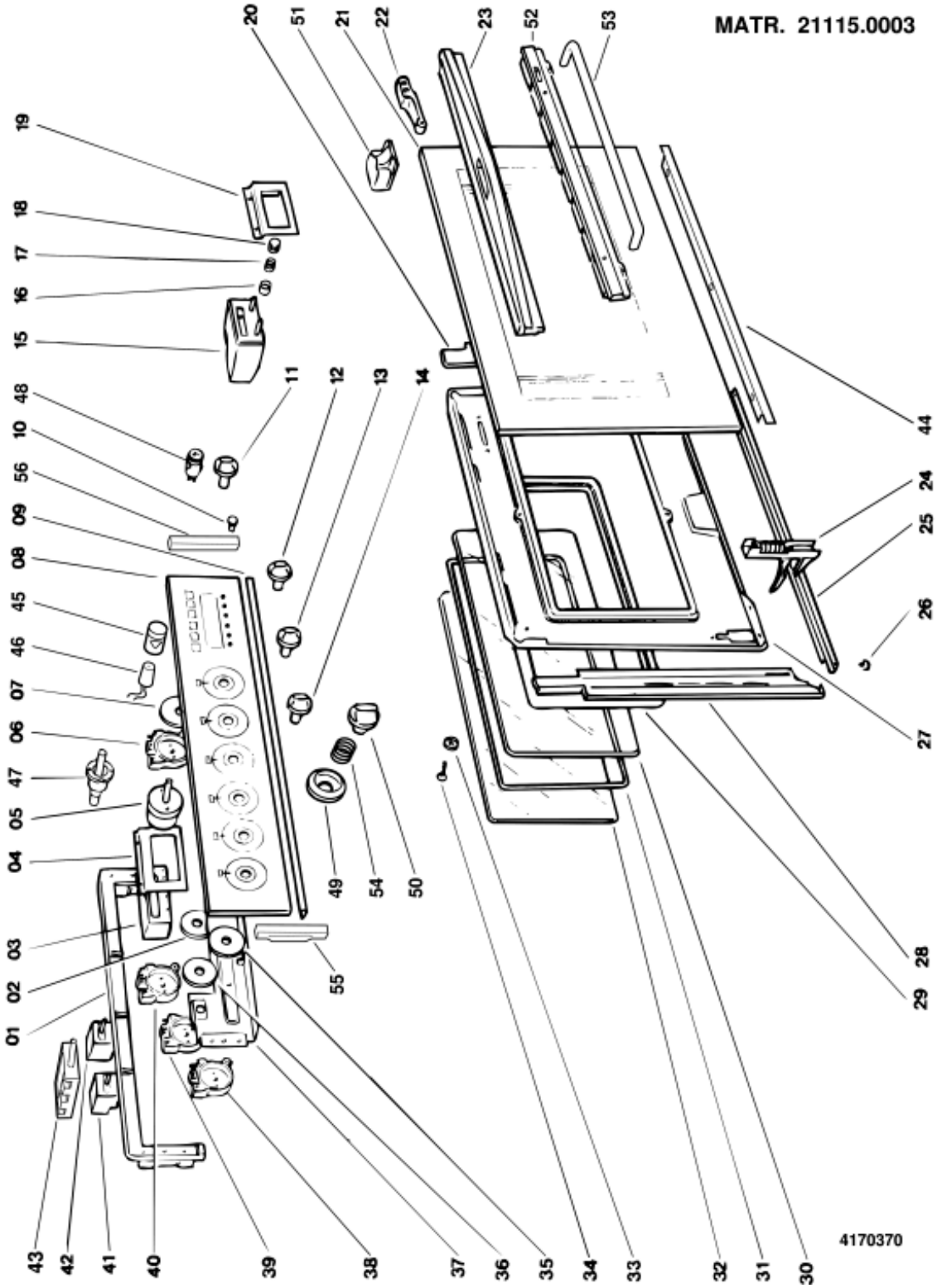


4170210 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00173541				desc_ric_c00173541		
001	C00011573 (482000072653)			1 x C00297891 (482000032134)	oven thermostat		
003	C00025130 (482000026077)				oven function switch	n1005010	
004	C00039574 (482000022613)			1 x C00525932 (488000525932)	upper element oven/grill 1+1,2kw		
005	C00033781 (482000026256)				motor fan/assy - ventilation(tangential)		
006	C00038035 (482000026352)				oven lamp assembly		
007	C00034712 (482000064201)				ventilation ducting		
011	C00027982 (482000022590)				oven door seal- 4 sides brown		
018	C00030161 (482000026148)				oven grate 30mm wires		
019	C00031426 (482000064014)				plate for pastry black 19mm		
019	C00033048 (482000057362)			1 x C00031422 (482000052617)	enamelled drip tray black 25mm		
021	C00033135 (482000073449)				wire runners - oven shelf supports		
022	C00016118 (482000072738)				round securing nut - shelf runners		
024	C00016423 (482000025972)				ducting - lower heating element		
025	C00037055 (482000026330)				heating element - oven bottom 1000w		
026	C00016055 (482000025967)				heating element fan oven 2000w 220v		
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	C00039115		oven chamber - (roller hinge pivot)	0417007
032	C00053369		oven hm27v	
033	C00039048		oven insulation mat - back	
035	C00010348 (482000025937)		terminal block 40a (3-phase 380v)	
039	C00028264 (482000026124)		safety thermostat	
040	C00039578 (482000022614)		spring for thermostat bulb	
041	C00039798 (482000073824)		transformer 220/12v hm27	
042	C00034203		ventilation ducting gasket	
099	C00025314 (482000057056)	1 x C00036491 (482000052618)	kit self cleaning panel el.	

4170370 Exploded views



4170370 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00039062				frame (glass control panel) - white		
001	C00039076				frame (glass control panel) - brown		
001	C00039094				frame (glass control panel) - black		
002	C00039792				extending electric plate disk		
002	C00039793				halogen plate disk		
003	C00037227 (482000054710)			1 x C00051476 (482000074619) 1 x C00051477 (482000022634)	electronic programmer (diehl)		
004	C00029361				bracket electronic programmer		
008	C00039797				brown front panel glass + corner brackets		
008	C00039809				black front panel glass + corner brackets		
008	C00039812				white front panel glass + corner brackets		
009	C00039058				lower trim for glass control panel		
010	C00037231 (482000073660)				knob (diehl electronic programmer)-white		
010	C00037232				knob (diehl electronic programmer)-black		
010	C00037233 (482000057467)			6 x C00051473 (482000064235)	knob (diehl electronic programmer)-brown		
014	C00039070				knob (oven function + thermostat) - white		
014	C00039079 (482000073763)				knob (oven function + thermostat) - brown		
014	C00039097 (482000073766)				knob (oven function + thermostat) - black		

020	C00039003 (482000057515)	1 x C00041946 (482000064267)	rh front strut (roller hinge pivot)-whit	
020	C00039023 (482000057517)	1 x C00042353 (482000064268)	rh front strut (roller hinge pivot)-brow	
020	C00039032 (482000057519)	1 x C00041945 (482000064269)	rh front strut (roller hinge pivot)-black	
020	C00048098 (482000057704)	1 x C00049072 (482000064421)	rh front strut (fixed hinge pivot) -whit	0417007
020	C00048122 (482000057706)	1 x C00049073 (482000064422)	rh front strut (fixed hinge pivot) -blac	0417007
020	C00048637 (482000057713)	1 x C00049252 (482000064426)	rh front strut (fixed hinge pivot) -brow	0417007
021	C00039075		outer door glass(roller hinge pivot)-whit	
021	C00039081		outer door glass(roller hinge pivot)-brow	
021	C00039099		black oven door-glass + corner brackets	
021	C00048788		black oven door glass tip.3+ squad.	0417007
021	C00048791		outer door glass (fixed hinge pivot)-brow	0417007
021	C00049099		outer door glass (fixed hinge pivot)-whit	0417007
022	C00038928		outlet vent rh	
023	C00039074		oven door handle - white	
023	C00039077		oven door handle - brown	
023	C00039095		oven door handle - black	
024	C00031925 (482000022595)	1 x C00056702 (482000022652)	oven door hinge-(roller hinge pivot)	

4170370 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
024	C00048108 (482000026661)				oven door hinge (fixed hinge pivot)	0417007	
025	C00039005				oven front lower trim (roller hinge)-whit		
025	C00039025 (482000064270)				oven front lower trim (roller hinge)-brow		
025	C00039034 (482000057521)			1 x C00039025 (482000064270)	oven front lower trim (roller hinge)-blac		
025	C00048100				oven front lower trim (fixed hinge)- whit	0417007	
025	C00048124				oven front lower trim (fixed hinge) -blac	0417007	
025	C00049100 (482000065986)				oven front lower trim (fixed hinge)- brow	0417007	
027	C00039073				oven metal inner door (roller hinge pivot		
027	C00048967				oven metal inner door (fixed hinge pivot)	0417007	
028	C00039004 (482000057516)			1 x C00041946 (482000064267)	lh front strut (roller hinge pivot)-whit		
028	C00039024 (482000057518)			1 x C00042353 (482000064268)	lh front strut (roller hinge pivot)-brow		
028	C00039033 (482000057520)			1 x C00041945 (482000064269)	lh front strut (roller hinge pivot)-blac		
028	C00048099 (482000057705)			1 x C00049072 (482000064421)	lh front strut (fixed hinge pivot) -whit	0417007	
028	C00048123 (482000057707)			1 x C00049073 (482000064422)	lh front strut (fixed hinge pivot) -blac	0417007	
028	C00048638 (482000057714)			1 x C00049252 (482000064426)	lh front strut (fixed hinge pivot) -brow	0417007	
031	C00030602 (482000026156)				seal - inner glass/inner door		
032	C00017200 (482000055080)			1 x C00025280 (482000026080)	oven inner door glass		
033	C00017209 (482000072754)				washer - inner glass clamping screw		

034	C00017208 (482000025976)	screw - inner door glass clamping	
035	C00039100	glass disc - oven knob	
036	C00039061 (482000073762)	glass disc - thermostat knob	
037	C00039102	inner control panel for programmer	
038	C00039064	illuminator timer and oven control(pistor	
039	C00039065	illuminator - thermostat controls (pistor	
040	C00039795	pistor extending plate lighter	
041	C00037056 (482000022605)	regolator.energ.x grill/piastra alogena.	
041	C00056412 (482000022649)	energy regulation dual 230v	
042	C00039796 (488000039796)	extending plate energy regulator	
099	C00039888	third door glass kit	
099	C00086570 (482000072335)	kit connector new hobs (nobilia)	n1015019

Notices

0417004: BOTTOM OF ELECTRICAL OVEN CURVED FOR REINFORCEMENT

As from serial no. 30428.001 the bottom semi-casing has been modified on all appliances with electric oven in order to prevent the enamel inside the muffle from flaking.
The modification consists of a crowing on the bottom of the oven, with square raised edge;
this means that when you open the door of the oven you will notice a slight swelling on the base of the muffle.
The modification is fully interchangeable.

0417007: INTRODUCTION OF FIXED FULCRUM HINGE

As from serial no. 60115.0001, a new "fixed pin" hinge is used on all Ariston ovens, excluding the models of the "convex one-piece" and "traditional" range models.
This has required modification of the hinge, oven, uprights, bottom facia, bottom profile, glass oven door and inner door supports.
The modified parts are not interchangeable with the premodification parts which will continue to be supplied normally.

n1005010: Commutator for 7 cuochi oven 025130

Two commutators are being handled at the same time with SAT part number 025130
(EGO and DREEFS).
The two commutators are interchangeable with one another, respecting the positions of the contacts as indicated below:

Commutator B: EGO Supplier
Commutator A: DREEFS Supplier

Contact correspondence:

Staring with commutator B and with the right-hand contact near the spindle:

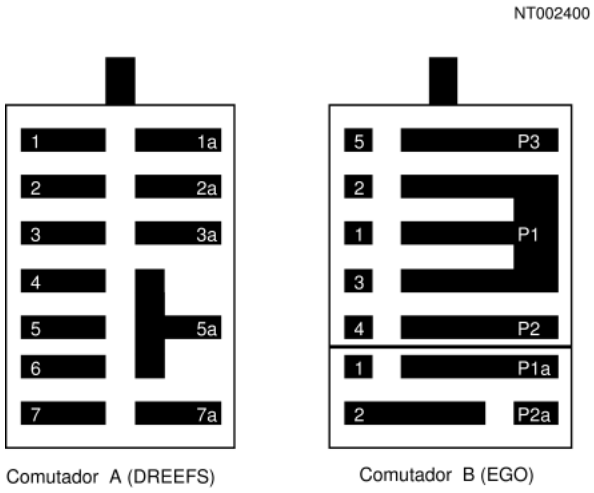
Contact P3 on B = Contact 1a on A
Contact P1 on B = Contact 2a on A
Contact P2 on B = Contact 3a on A

Contact P1a on B = Contact 5a on A
Contact P2a on B = Contact 7a on A

Staring with commutator B and with the left-hand contact near the spindle:

Contact 5 on B = Contact 1 on A
Contact 2 on B = Contact 2 on A
Contact 1 on B = Contact 3 on A
Contact 3 on B = Contact 4 on A
Contact 4 on B = Contact 5 on A
Contact 1 on B = Contact 6 on A
Contact 2 on B = Contact 7 on A

See image "NT002400".



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.

n1015015: Method to remove the external glass of the oven door.

On all built-in cooker and oven models, when it is necessary to remove the glass from the oven door handle (to avoid breaking the handle) the glass is not removed upwards, but should be oscillated towards the right and left until the two silicone points, that unite the glass to the handle, detach.

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:

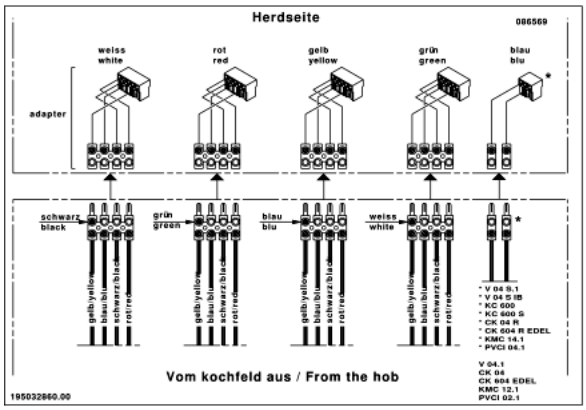
Code SAT 086569 - Connection Kit for old cook tops and new ovens;
Code SAT 086570 - Connection Kit for new cook tops and old ovens;

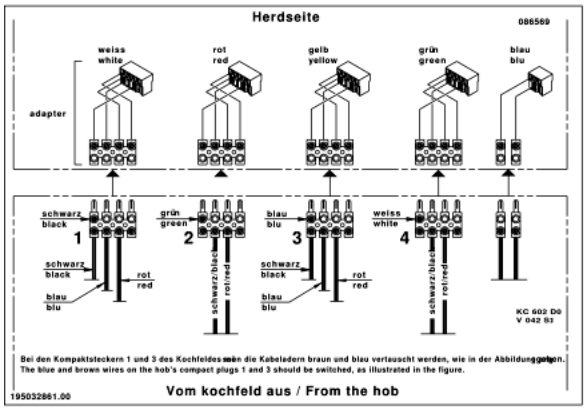
The Kit code SAT 086569 is also equipped with 3 specific diagrams that highlight the connections to be performed, and the same for the Kit 086570.

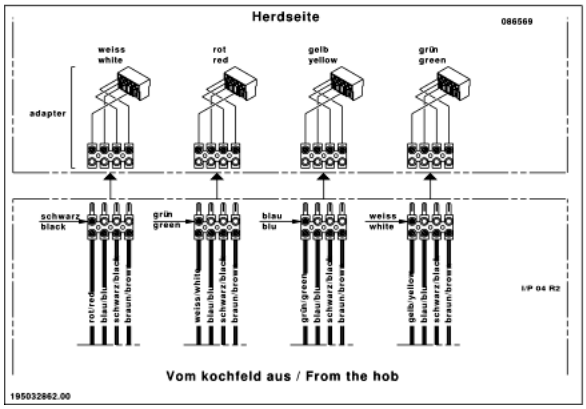
Where the Kit 086569 is used you will need to check the match code on the diagram to the cook top model.
The same procedure is to be performed for the kit 086570.

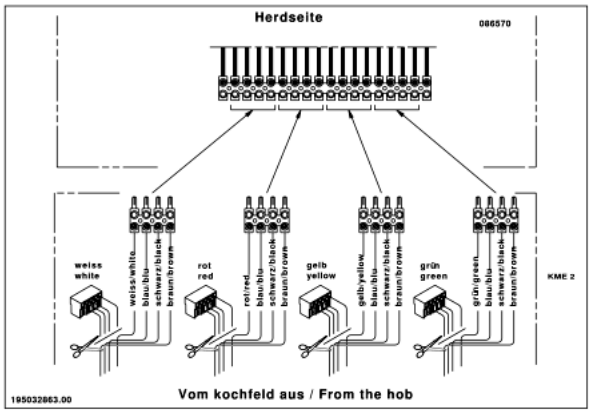
In order to simplify the matching of the kit, we have realized in the enclosed diagrams to this Notice the following four diagrams:

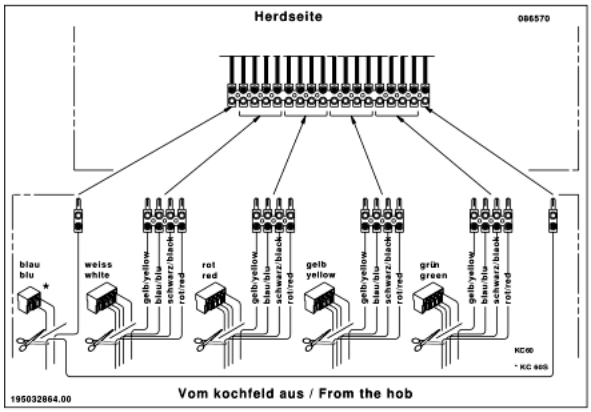
1) Table A referred to the code SAT 086569 for all models of New Ovens - Old Cook tops.
2) Table B referred to the code SAT 086570 for all models of Old Ovens - New Cook tops.
3) Connections diagram kit code SAT 086569;
4) Connections diagram kit code SAT 086570.

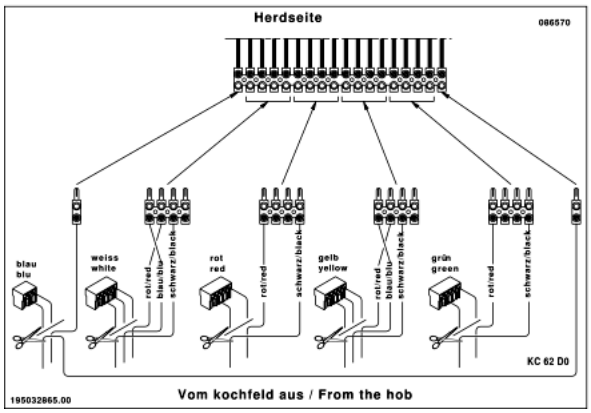

Herdseite
086569
weiss white
rot red
gelb yellow
grün green
blau blu
adapter
schwarz black
grün green
blau blu
weiss white
* V 04 S.1
* V 04 S IB
* KC 600
* KC 600 S
* CK 04 R
* CK 604 R EDEL
* KMC 14.1
* PVCI 04.1
V 04.1
CK 04
CK 604 EDEL
KMC 12.1
PVCI 02.1
Vom kochfeld aus / From the hob
195032860.00


Herdseite
086569
weiss white
rot red
gelb yellow
grün green
blau blu
adapter
schwarz black
grün green
blau blu
weiss white
1
2
3
4
schwarz black
rot red
blau blu
KC 602 D0
V 042 S3
Bei den Kompaktsteckern 1 und 3 des Kochfeldes sollen die Kabeladern braun und blau vertauscht werden, wie in der Abbildung gezeigt.
The blue and brown wires on the hob's compact plugs 1 and 3 should be switched, as illustrated in the figure.
Vom kochfeld aus / From the hob
195032861.00


Herdseite
086569
weiss white
rot red
gelb yellow
grün green
adapter
schwarz black
grün green
blau blu
weiss white
I/P 04 R2
Vom kochfeld aus / From the hob
195032862.00


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 66S
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

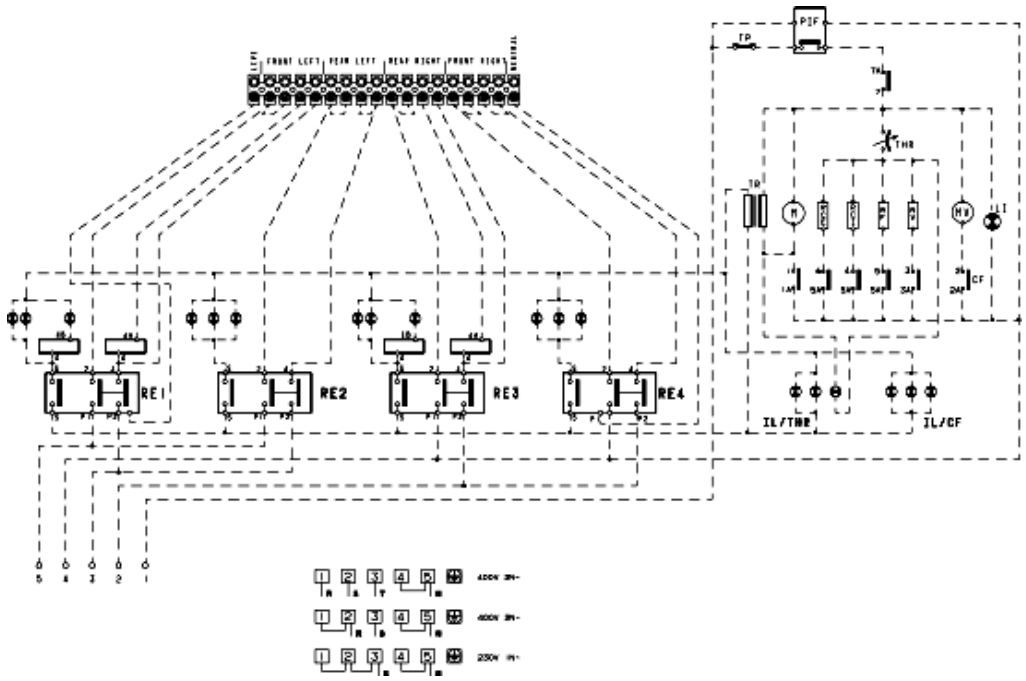
KIT CONNETTORI	NUOVI FORNI		VECCHI PIANI	
086569	26501	HB 10 A (ALU)	18199	KC 600 BK
086569	26498	HB 10 A (BK)	18197	KC 600 BR
086569	26499	HB 10 A IX	18200	KC 600 IX
086569	26500	HB 10 A (OW)	18201	KC 600 OW
086569	26497	HB 10 A (WH)	18203	KC 600 S IX
086569	26976	HB 20 AC (WH)	18198	KC 600 WH
086569	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. 417012b



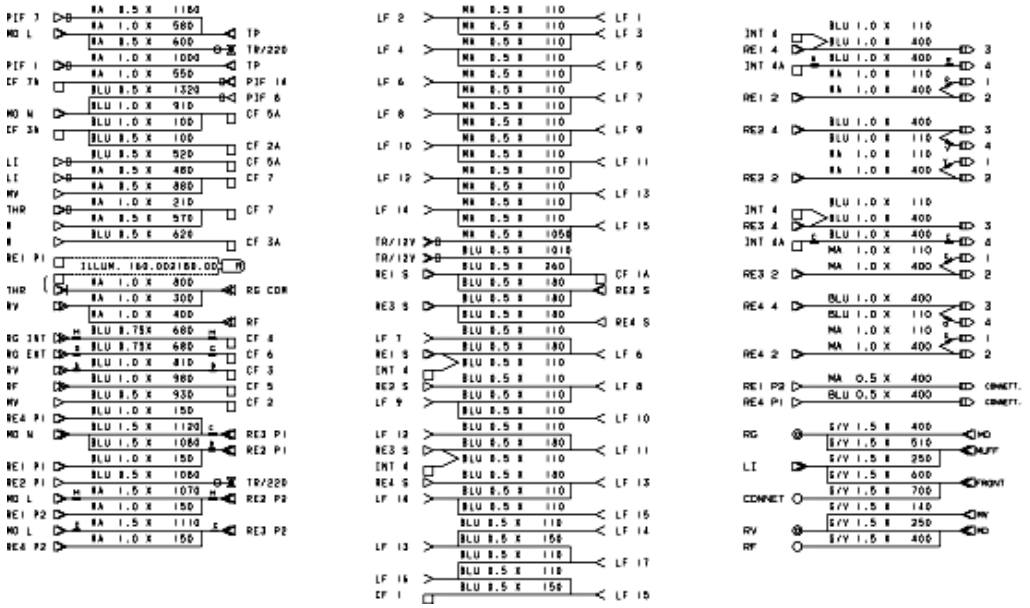
Legend

Legend: 417012b

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

Electric schemes and links

Cod. 417012c



Legend

Legend: 417012c

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