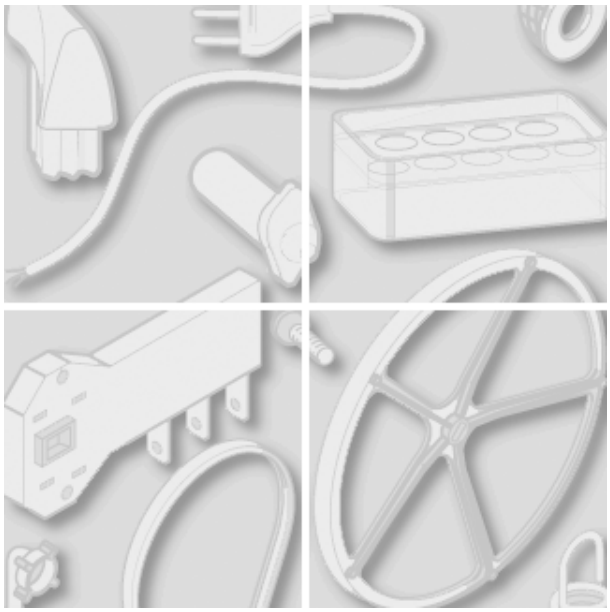
INDESIT company



Model type:

FM27F

Commercial code:

F005340
F005341
F005342

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:

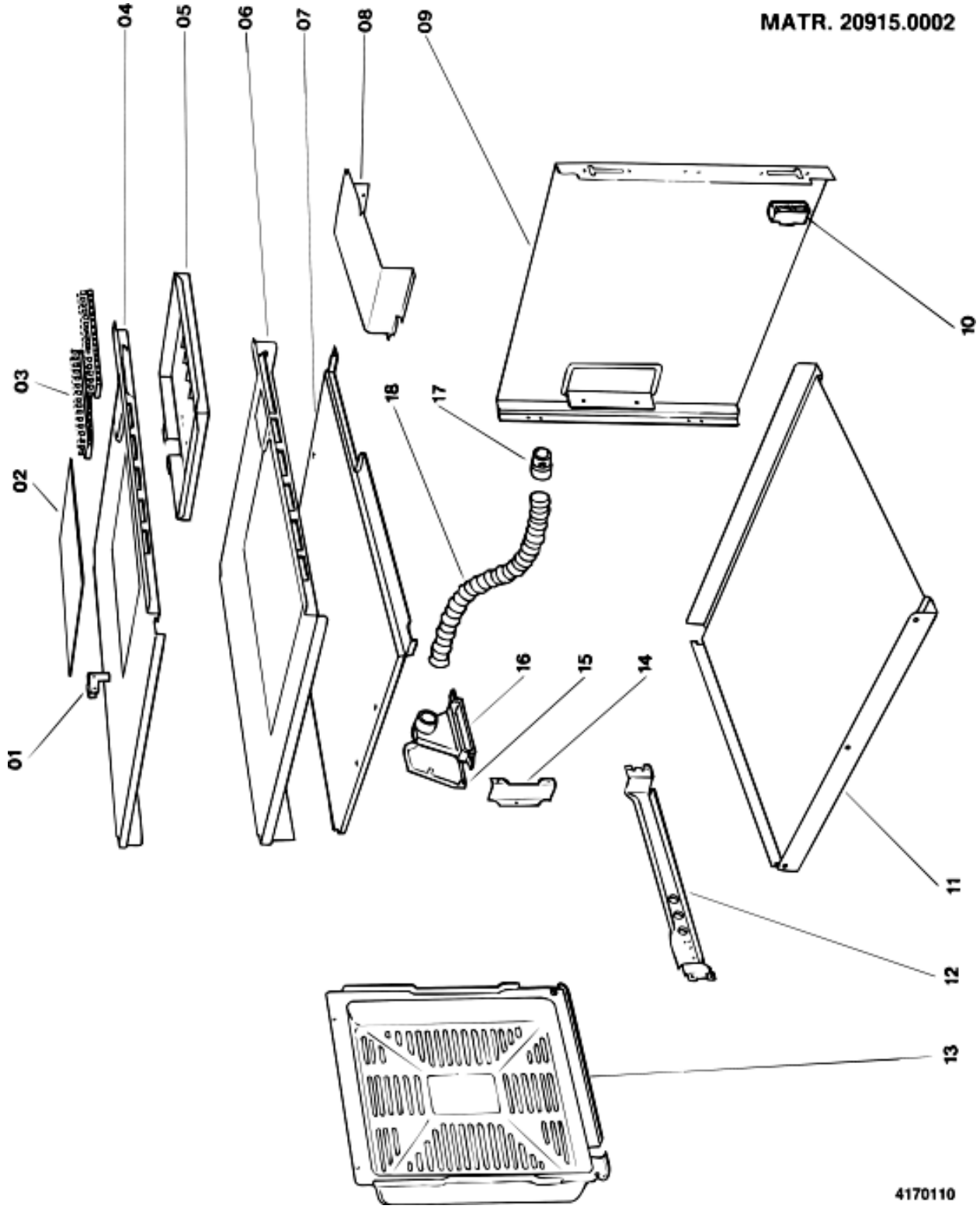
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

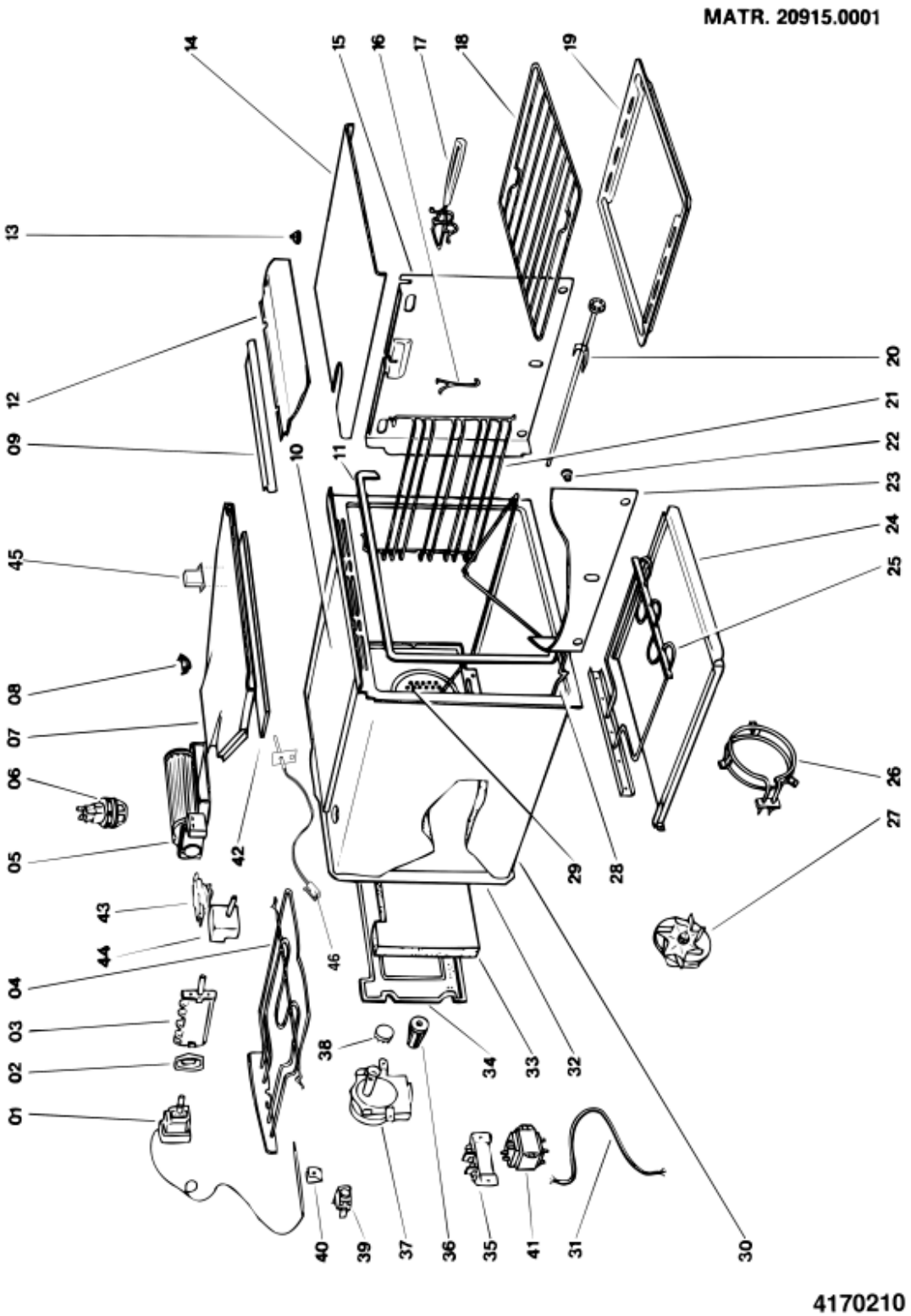
4170110 Exploded views



4170110 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00037203 (482000073658)				user instruction book		
000	C00039051				user instructions booklet oven 92 7c.		
000	C00051713				user instruction book		
001	C00016123 (482000072739)				cable-clamp		
006	C00028025 (482000063866)				oven top cover		
009	C00022145				oven rh side cover		
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

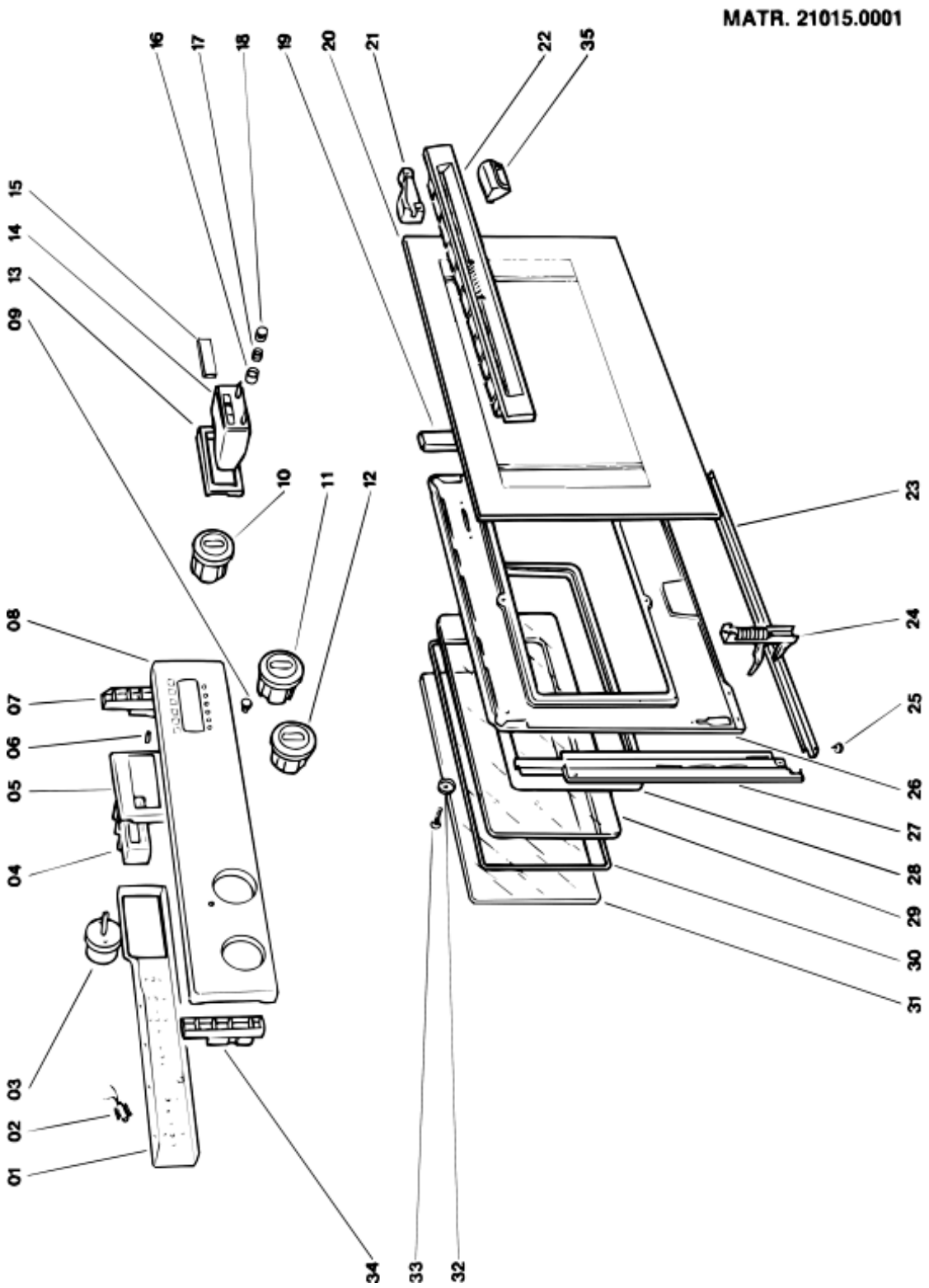


4170210 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00011573 (482000072653)			1 x C00297891 (482000032134)	oven thermostat		
003	C00025130 (482000026077)				oven function switch	n1005010	
004	C00016054 (482000025966)				upper element oven/grill 1+1,2kw	0417001	
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	C00031422 (482000052617)				drip tray - black enamelled		
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		
031	C00026767 (482000026096)				supply cable 10a 3x1		

032	C00039115	oven chamber - (roller hinge pivot)	0417007
032	C00049098	oven chamber -(fixed hinge pivot)	0417007
033	C00039048	oven insulation mat - back	
035	C00005156 (482000025915)	terminal block 40a	
039	C00028264 (482000026124)	safety thermostat	
040	C00015560 (482000072713)	flat spring retainer-thermostat capillary	0417001

4170320 Exploded views



4170320 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00040336				inner control panel		
002	C00028054 (482000026120)				pilot light red cod everel sx27mr2e30137		
004	C00037227 (482000054710)			1 x C00051476 (482000074619)	electronic programmer (diehl)		
				1 x C00051477 (482000022634)			
005	C00028444				support plate - programmer		
006	C00037228 (482000057464)			1 x C00052592 (482000054141)	knob (electronic prog) - white (diehl)		
006	C00037229 (482000057465)			1 x C00051475 (482000064234)	knob (diehl electronic prog.) - black		
006	C00037230 (482000057466)			1 x C00051470 (482000057758)	knob (diehl electronic prog.) - brown		
007	C00038931				rh end piece - control panel		
008	C00039049				dashboard type 2 withe 26		
008	C00039052				dashboard type 2 brown		
008	C00039054				dashboard type 2 black		
009	C00036428 (482000026324)				pilot light lens - yellow		
011	C00039018				knob (thermostat) - white		
011	C00039029				knob (thermostat) - brown		
011	C00039038				thermostat knob black type2		
012	C00039050				knob (oven function selector) - white		
012	C00039053				knob (oven function selector) - brown		

012	C00039055		electric oven knob black type2 7c.	
019	C00039003 (482000057515)	1 x C00041946 (482000064267)	rh front strut (roller hinge pivot)- whit	
019	C00039023 (482000057517)	1 x C00042353 (482000064268)	rh front strut (roller hinge pivot)- brow	
019	C00039032 (482000057519)	1 x C00041945 (482000064269)	rh front strut (roller hinge pivot)- black	
019	C00048098 (482000057704)	1 x C00049072 (482000064421)	rh front strut (fixed hinge pivot) - whit	0417007
019	C00048122 (482000057706)	1 x C00049073 (482000064422)	rh front strut (fixed hinge pivot) - blac	0417007
019	C00048637 (482000057713)	1 x C00049252 (482000064426)	rh front strut (fixed hinge pivot) - brow	0417007
020	C00039014		outer door glass(roller hinge pivot)-whit	
020	C00039026		outer door glass(roller hinge pivot)-brow	
020	C00039035		oven door glass black type 2	
020	C00049101		outer door glass (fixed hinge pivot)-whit	0417007
020	C00049102 (482000064435)		outer door glass(fixed hinge pivot) -brow	0417007
020	C00049103 (482000057729)	1 x C00049102 (482000064435)	black oven door glass tip.2+ squad. f.f.	0417007
021	C00039013		outlet vent (inner)	
022	C00039012		oven door handle - white	
022	C00039030		oven door handle - brown	
022	C00039042		oven door handle black type 2	

4170320 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
023	C00039005				oven front lower trim (roller hinge)-whit		
023	C00039025 (482000064270)				oven front lower trim (roller hinge)-brow		
023	C00039034 (482000057521)			1 x C00039025 (482000064270)	oven front lower trim (roller hinge)-blac		
023	C00048100				oven front lower trim (fixed hinge)- whit	0417007	
023	C00048124				oven front lower trim (fixed hinge) -blac	0417007	
023	C00049100 (482000065986)				oven front lower trim (fixed hinge)- brow	0417007	
024	C00031925 (482000022595)			1 x C00056702 (482000022652)	oven door hinge-(roller hinge pivot)		
024	C00048108 (482000026661)				oven door hinge (fixed hinge pivot)	0417007	
026	C00039010				oven metal inner door (roller hinge pivot		
026	C00048967				oven metal inner door (fixed hinge pivot)	0417007	
027	C00039004 (482000057516)			1 x C00041946 (482000064267)	lh front strut (roller hinge pivot)-whit		
027	C00039024 (482000057518)			1 x C00042353 (482000064268)	lh front strut (roller hinge pivot)-brow		
027	C00039033 (482000057520)			1 x C00041945 (482000064269)	lh front strut (roller hinge pivot)-blac		
027	C00048099 (482000057705)			1 x C00049072 (482000064421)	lh front strut (fixed hinge pivot) -whit	0417007	
027	C00048123 (482000057707)			1 x C00049073 (482000064422)	lh front strut (fixed hinge pivot) -blac	0417007	
027	C00048638 (482000057714)			1 x C00049252 (482000064426)	lh front strut (fixed hinge pivot) -brow	0417007	
030	C00030602 (482000026156)				seal - inner glass/inner door		
031	C00017200 (482000055080)			1 x C00025280 (482000026080)	oven inner door glass		

032	C00017209 (482000072754)	washer - inner glass clamping screw
033	C00017208 (482000025976)	screw - inner door glass clamping
034	C00038932 (482000073756)	lh end piece- control panel
035	C00040135	outlet vent (outer)

Notices

0417001: MODIFIED GRILL HEATING ELEMENT

As from serial no.21102.0001 a new grill heating element will be introduced which is different from the previous version since it has a new flange and is fixed to the back in a different way.
This modification concerns all models with an electric and combined oven. The new heating element is not interchangeable with the previous version, thus all muffles and the thermostat bulb springlet have been modified.
Once stocks of the premodification muffles run out, it will be necessary to substitute them with the new version together with the heating element and the thermostat bulb springlet.
The flange on the new heating element can no longer be fixed with screws to the thermostat bulb springlet; the back of the new muffles are equipped to be slotted into the new springlet.
Here is a table with the relative codes:

A = Premodification heating elements
B = Modified heating elements
C = Premodification muffles
D = Modified muffles

A	B	C	D
016054	039574	032151	020860
023883	039575	039576	039577
033518	028203	037156	031487
033100	023405	028457	031488
033978	029955	032636	023170
025158	024971	031486	032640
037889	033355	039579	039580
039581	039582	039584	039585
039587	039588	039590	039591
039593	039594	039595	039596
039597	039598	039637	039638

N.B. Thermostat bulb springlet: VT = 015560; NT = 039578

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:

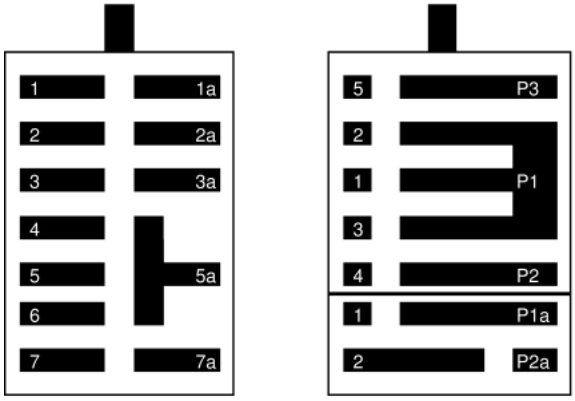
Contact P3 on B = Contact 1a on A
Contact P1 on B = Contact 2a on A
Contact P2 on B = Contact 3a on A
Contact P1a on B = Contact 5a on A
Contact P2a on B = Contact 7a on A

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".

NT002400



Comutador A (DREEFS) Comutador B (EGO)

n1015003: Oven fan assembly

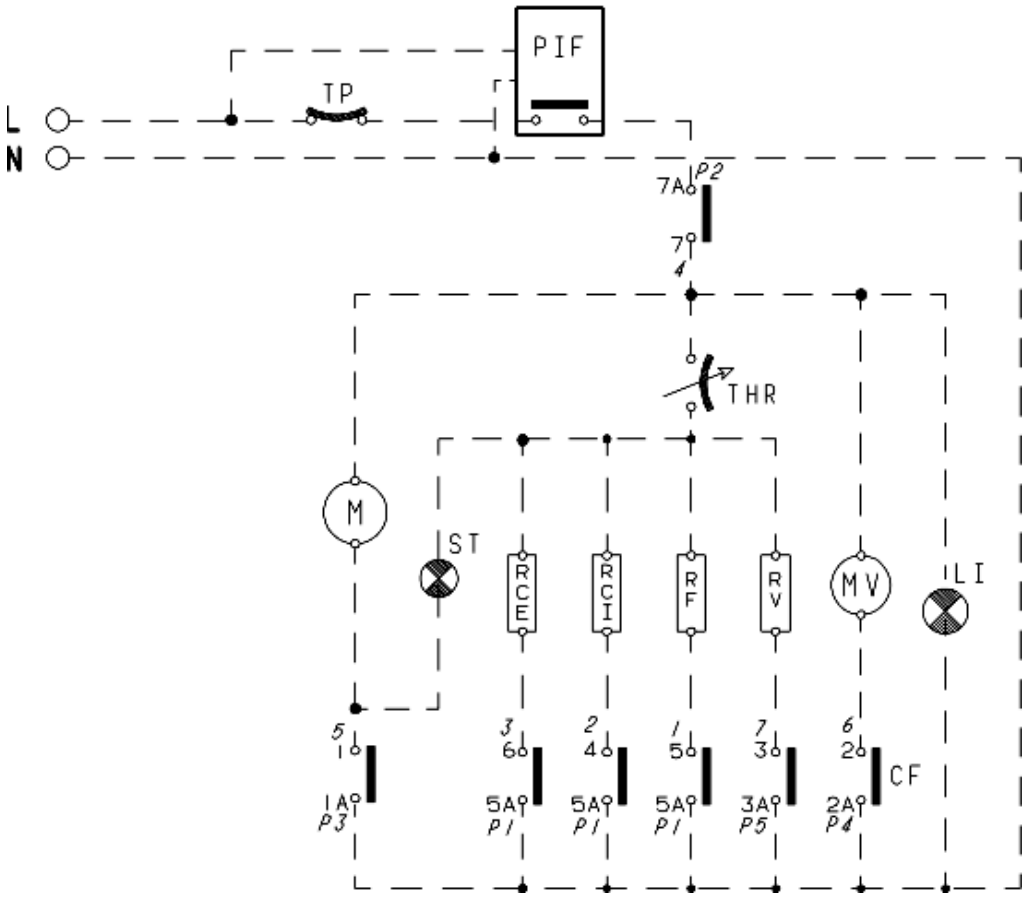
Beginning with serial no. 80715.0001 a new oven fan was introduced, perfectly interchangeable with the pre-modification one, yet different from it in that it does not have a fastening disk.
To assemble, fix the screws into the three holes within the motor structure.
When assembled, the motor will have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

Electric schemes and links

Cod. 417009b



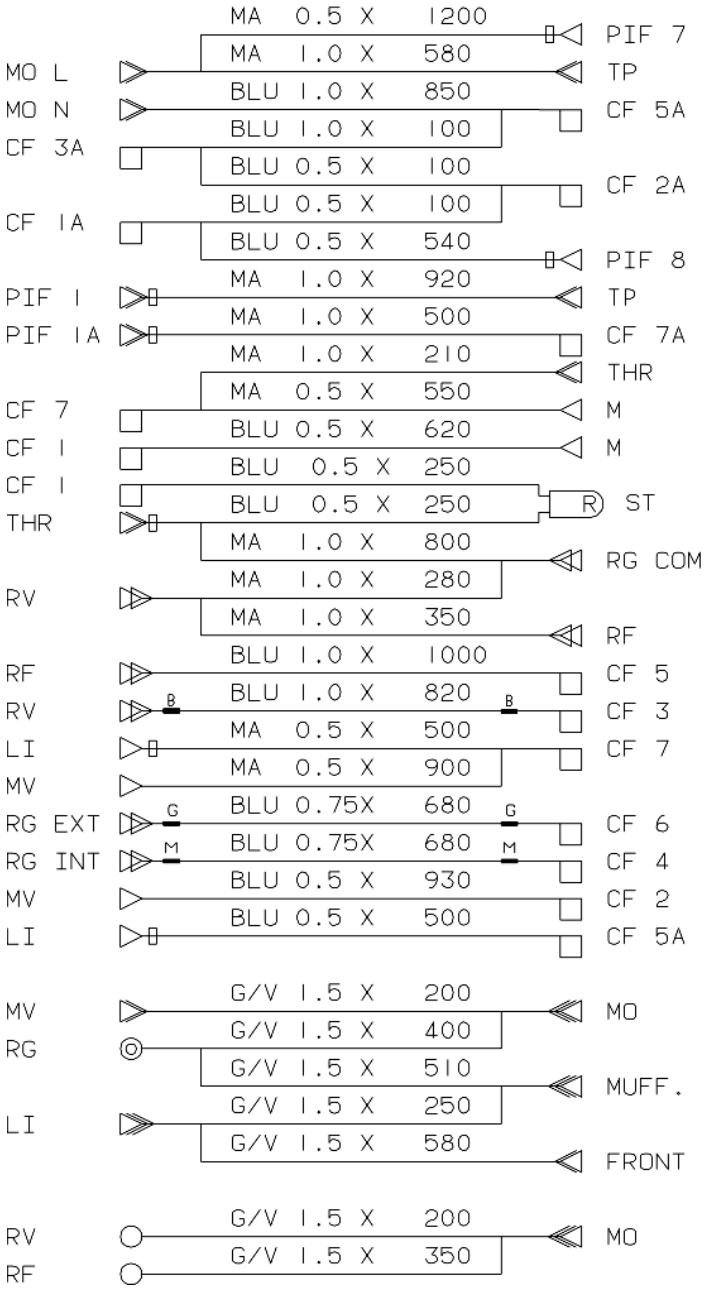
Legend

Legend: 417009b

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. 417009c



Legend

Legend: 417009c

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