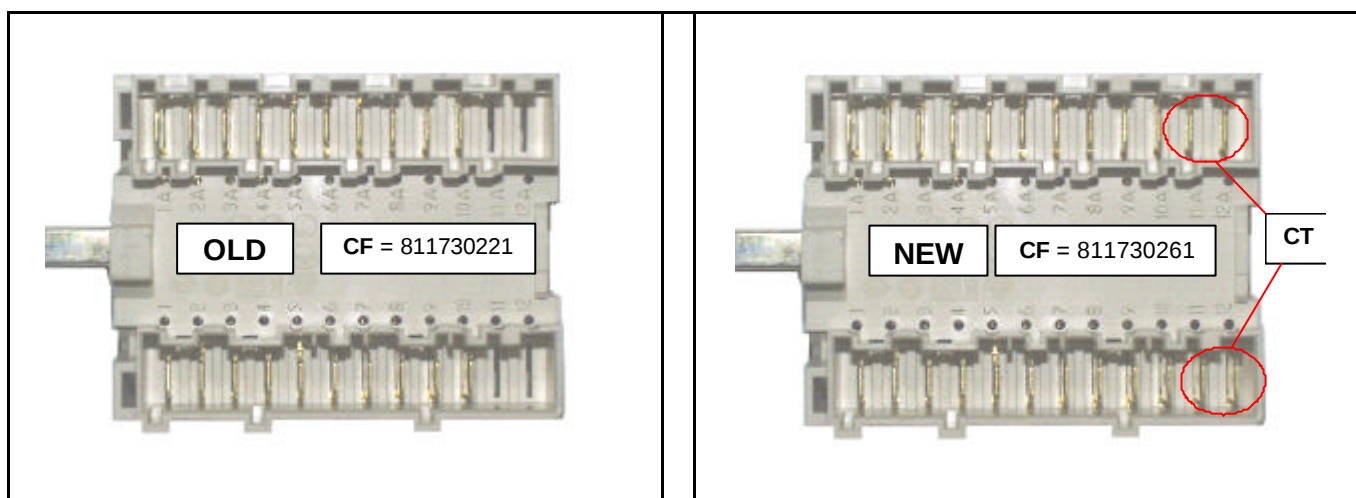


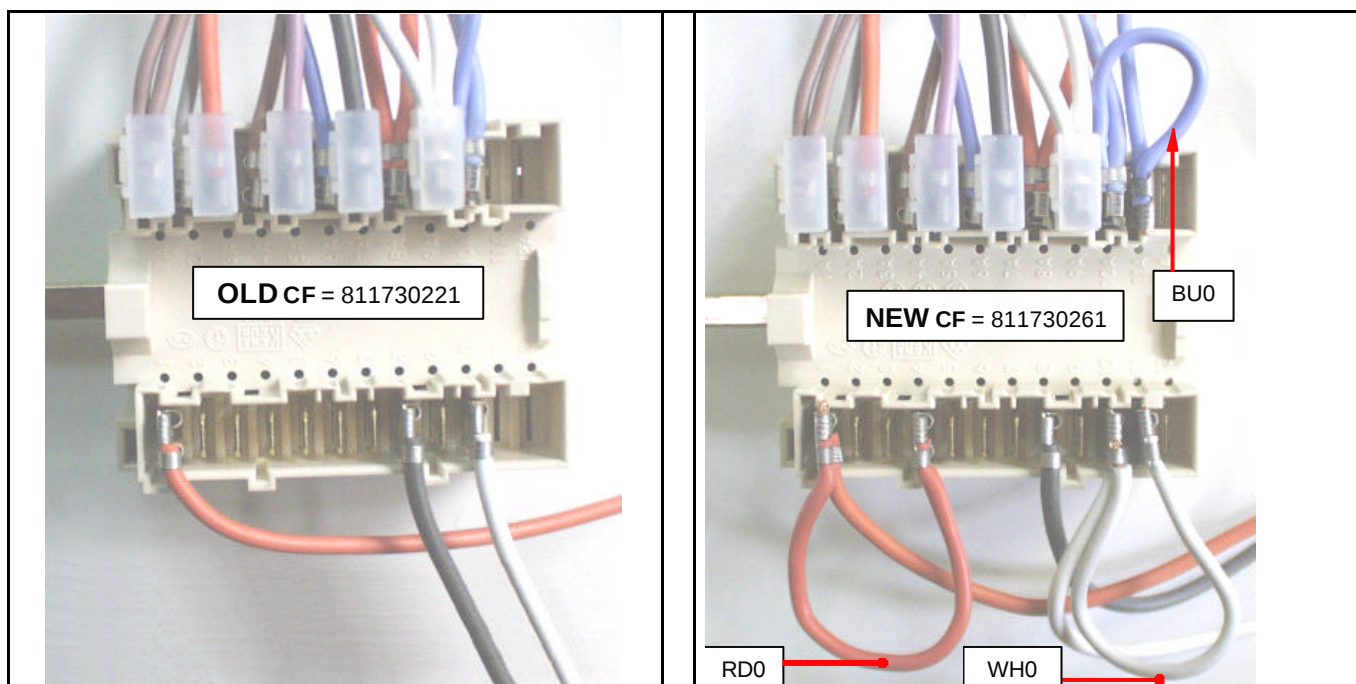
SERVICE BULLETIN

Date	27.03.03
Document n°	FRN-SB2003-01-New commutator oven_70_90
Last Doc. n°	FRN-SB2002-05-New electronic timer for pyrolytic ovens-GB
Brand	SMEG
Models involved	Consult table in this bulletin
Cause	Burning of the commutator's contacts
Description of modification	The new commutators present double contacts on the neutral line. Together with the commutator, we also changed the wiring, the thermostat and introduced a thermostat supporting bracket on the centrifugal ventilator (see picture).
Date of introduction	See table
Interchangeability	Only in the cases that are described in this document

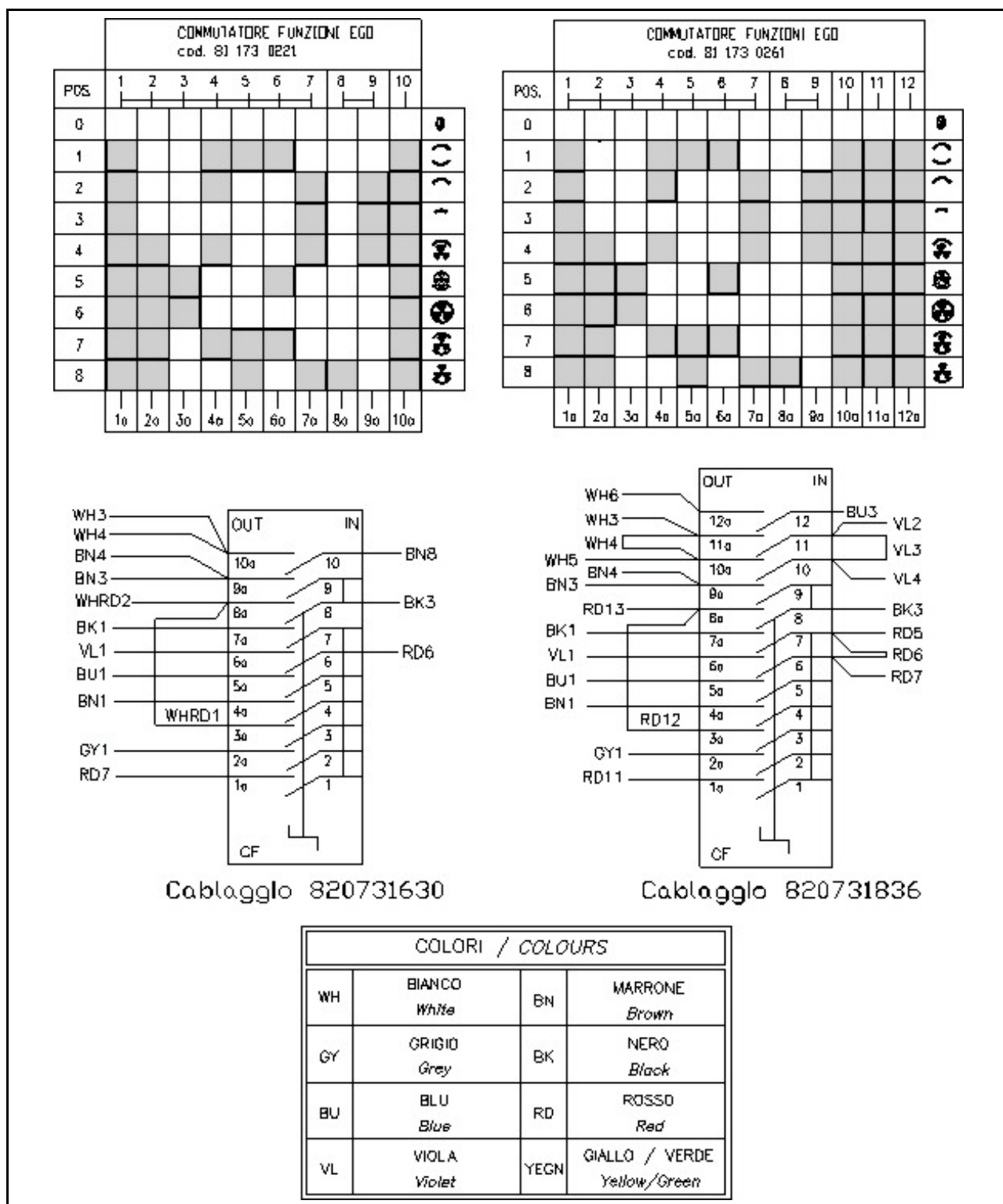
The oven commutator **OLD** is replaced by **NEW** that, with respect to the old one, has 2 more contacts (CT) in the positions 11-11A & 12-12A.



The replacement of the commutator coincides with the modification of its wiring, based on the model. The part number remains the same, only the modification index number is changed. The following photographs show the modification to do in order to replace the commutator. Note the insertion of the blue (BU0), red (RD0) and white (WH0) bridges.



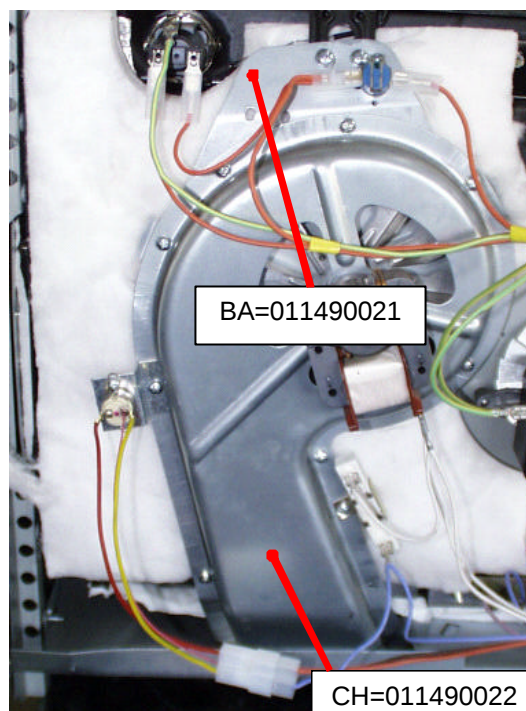
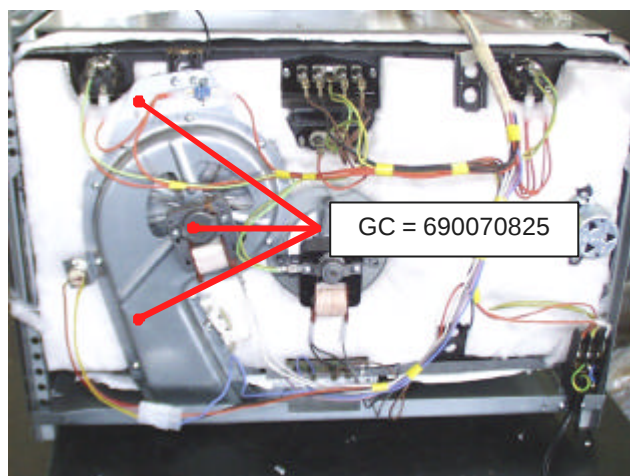
These are the schemes of both commutators



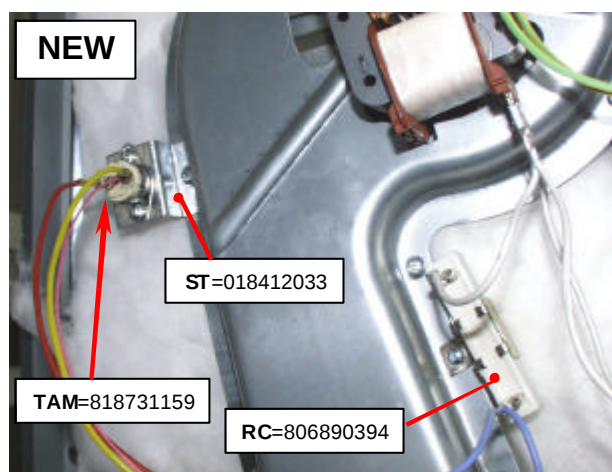
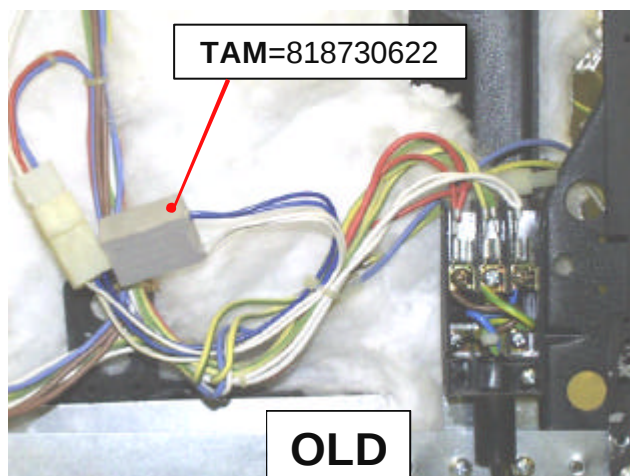
As to the interchangeability, the new commutatore can entirely replace the old one (without the supplementary connexions), whereas the contrary is not possible.

In the same way, we can also replace the old commutator BERNHARDT & SCHULTE, reminding that the numbering 1-2-3-4-5-6-7-8-9-10 of a supplier corresponds to a 1a-2a-3a-4a-5a-6a-7a-8a-9a-10a of the other and vice versa.

Only in the case of 70cm ovens, apart from the commutator, we also replaced the centrifugal vapour aspiration assembly **GC** with a new one (part no 690070825), with different fan support and fan cover.



This modification has also been made to modify the ignition system that formerly used a grey-boxed motor igniting thermostat (TAM). The actual system uses a contact thermostat mounted on a support bracket a ceramic resistance (as shown in the following pictures).



MODIFIED PART NUMBERS

Modelli	OLD			NEW			Op.	Serial Number
	codice	Descrizione	Qtà	codice	Descrizione	Qtà		
S20XMF.1	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	033
S20XMFR.1	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	033
SA22XMF	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	033
SA704X	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	512
	820731630	CABL SE708X	1	820731836	CABL S709X	1	S	512
	690070449	GR CNTRF ASPVAP SE600MF	1	690070825	GR CNTRF ASP VAP SE210X/1	1	S	512
	011490019	CHIOC BASE D'APPG SE600MF	1	011490021	CHIOC BASE APPG SE392X	1	S	512
	011490008	CHIOC EST S4CEB	1	011490022	CHIOC EST S4CEB	1	S	512
	\	\	\	018412033	SUPPORTO TERMO SCU S300	1	A	512
	\	\	\	806890394	RESISTENZA CERAM RS470	1	A	512
	818730622	TERMO T75GR LAVR F65	1	818731159	TERMO ASS CAL 75/50 F170P	1	S	512
SA706EB.1	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	512
	820731630	CABL SE708X	1	820731836	CABL S709X	1	S	512
	690070449	GR CNTRF ASPVAP SE600MF	1	690070825	GR CNTRF ASP VAP SE210X/1	1	S	512
	011490019	CHIOC BASE D'APPG SE600MF	1	011490021	CHIOC BASE APPG SE392X	1	S	512
	011490008	CHIOC EST S4CEB	1	011490022	CHIOC EST S4CEB	1	S	512
	\	\	\	018412033	SUPPORTO TERMO SCU S300	1	A	512
	\	\	\	806890394	RESISTENZA CERAM RS470	1	A	512
	818730622	TERMO T75GR LAVR F65	1	818731159	TERMO ASS CAL 75/50 F170P	1	S	512
SA706X.1	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	512
	820731630	CABL SE708X	1	820731836	CABL S709X	1	S	512
	690070449	GR CNTRF ASPVAP SE600MF	1	690070825	GR CNTRF ASP VAP SE210X/1	1	S	512
	011490019	CHIOC BASE D'APPG SE600MF	1	011490021	CHIOC BASE APPG SE392X	1	S	512
	011490008	CHIOC EST S4CEB	1	011490022	CHIOC EST S4CEB	1	S	512
	\	\	\	018412033	SUPPORTO TERMO SCU S300	1	A	512
	\	\	\	806890394	RESISTENZA CERAM RS470	1	A	512
	818730622	TERMO T75GR LAVR F65	1	818731159	TERMO ASS CAL 75/50 F170P	1	S	512
SA708X	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	512
	820731630	CABL SE708X	1	820731836	CABL S709X	1	S	512
	690070449	GR CNTRF ASPVAP SE600MF	1	690070825	GR CNTRF ASP VAP SE210X/1	1	S	512
	011490019	CHIOC BASE D'APPG SE600MF	1	011490021	CHIOC BASE APPG SE392X	1	S	512
	011490008	CHIOC EST S4CEB	1	011490022	CHIOC EST S4CEB	1	S	512
	\	\	\	018412033	SUPPORTO TERMO SCU S300	1	A	512
	\	\	\	806890394	RESISTENZA CERAM RS470	1	A	512
	818730622	TERMO T75GR LAVR F65	1	818731159	TERMO ASS CAL 75/50 F170P	1	S	512
SA995XR	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	033
SE20XMFR1	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	033
SE708X	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	512
	820731630	CABL SE708X	1	820731836	CABL S709X	1	S	512
	690070449	GR CNTRF ASPVAP SE600MF	1	690070825	GR CNTRF ASP VAP SE210X/1	1	S	512
	011490019	CHIOC BASE D'APPG SE600MF	1	011490021	CHIOC BASE APPG SE392X	1	S	512
	011490008	CHIOC EST S4CEB	1	011490022	CHIOC EST S4CEB	1	S	512
	\	\	\	018412033	SUPPORTO TERMO SCU S300	1	A	512
	\	\	\	806890394	RESISTENZA CERAM RS470	1	A	512
	818730622	TERMO T75GR LAVR F65	1	818731159	TERMO ASS CAL 75/50 F170P	1	S	512
SE708XK	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	512
	820731630	CABL SE708X	1	820731836	CABL S709X	1	S	512
	690070449	GR CNTRF ASPVAP SE600MF	1	690070825	GR CNTRF ASP VAP SE210X/1	1	S	512
	011490019	CHIOC BASE D'APPG SE600MF	1	011490021	CHIOC BASE APPG SE392X	1	S	512
	011490008	CHIOC EST S4CEB	1	011490022	CHIOC EST S4CEB	1	S	512
	\	\	\	018412033	SUPPORTO TERMO SCU S300	1	A	512
	\	\	\	806890394	RESISTENZA CERAM RS470	1	A	512
	818730622	TERMO T75GR LAVR F65	1	818731159	TERMO ASS CAL 75/50 F170P	1	S	512
SNZ708X	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	512
	820731630	CABL SE708X	1	820731836	CABL S709X	1	S	512
	690070449	GR CNTRF ASPVAP SE600MF	1	690070825	GR CNTRF ASP VAP SE210X/1	1	S	512
	011490019	CHIOC BASE D'APPG SE600MF	1	011490021	CHIOC BASE APPG SE392X	1	S	512
	011490008	CHIOC EST S4CEB	1	011490022	CHIOC EST S4CEB	1	S	512
	\	\	\	018412033	SUPPORTO TERMO SCU S300	1	A	512
	\	\	\	806890394	RESISTENZA CERAM RS470	1	A	512
	818730622	TERMO T75GR LAVR F65	1	818731159	TERMO ASS CAL 75/50 F170P	1	S	512
WI708X	811730221	COMM FRN SE20XMFR1	1	811730261	COMM FRN SA995XR	1	S	512
	820731630	CABL SE708X	2	820731836	CABL S709X	2	S	512