

New 982 service kit coding rule for cooking board

SidekickPC Team Support: last update August 04, 2014

To solve the pending issues on the data flow for Spare Operations concerning cooking electronic boards, a new Service Kit coding scheme for the Food Preparation product line is been approved.

The Service Kit Code (SKC) identifies the code of the kit for a configured electronic board, for direct replacement on a specific appliance model (PNC/ELC).

At the moment the new rule is applied only for new kit codes for Food Preparation product line.

The Spares Documentation team has started using the new service kit codes since 19th May 2014.

All cooking boards coded before 19th May 2014 use the old 973-982 rule (this rule is still valid also for all others product lines)

New 982 kit

The new 982 service kit code is a 13-digit code. It is defined according to the following convention:

Prefix	ANC	TDS check digit
982	561 21 65-41	6

- **982 prefix:** it is a fixed prefix (3 digit)
- **ANC:** it is the Article Number Code that identifies the variant software of the board (9 digit)
- **TDS check digit:** It consists of a single digit computed automatically by an algorithm from the other digits in the sequence input. It is used for error detection. (1 digit)

See example

PNC: 949596300 ELC 00 – split user interface induction boards

Board w. E.Taffel	ANC	Seniority	Resulting kit
UI left	561 21 65-41	do not care	982 561 21 65-41 / 6
UI middle	561 21 65-34	do not care	982 561 21 65-34 / 1
UI right	561 21 65-26	do not care	982 561 21 65-26 / 7

The benefits from new 982 coding are:

1. Significant reduction in the number of service kit code; a 982 service kit code can be used for different appliance;
2. The service kit prefix is fixed - no dependencies on ANC seniority. It is possible to update the list of spare boards at a later time;
3. Significant reduction of IT architecture complexity to populate the central database: since the kit code embeds the original factory ANC code, it is no longer necessary the automatic software procedure that exports all information about electronic boards from factory bill of material system (COPICS). This means that the central database can be updated only with a lookup in the Technical Documentation System database (TDS).

97X kit

The 97X kit is always a 15-digit code.

Prefix	PNC	ELC	check digit
973 to 982	XXXXXXXXX	XX	X

- **973 to 982:** reserved prefixes in TDS are from 973 to 982. This means that each PNC/ELC can define up to 10 different configured boards.
- **PNC:** the Product Number Code that identifies the appliance model
- **ELC:** the Engineering Level Code that identifies the appliance model
- **Check digit:** It consists of a single digit computed automatically by an algorithm from the other digits in the sequence input. It is used for error detection.

The actual value of the prefix within the same PNC/ELC depends on the numeric value of the ANC of the board used in production. The SKC prefix is assigned in ascending order with respect to the ascending order of the ANC.

In other words, the lowest prefix (973) is assigned to the board with the lowest ANC.

See example

PNC: 94959 60 88 ELC 01 – split user interface induction boards

Board w. E.Taffel	ANC	Seniority	Resulting kit
UI right	561 21 65-34	1	973 94959 60 88-01 / 4
UI left	561 21 65-35	2	974 94959 60 88-01 / 3

