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2009-07-09	39-1	A

NEW MAIN ELECTRONIC CARD FOR G1 PORTABLE CONTROL UNITS 777 & 888

Customer:
Faber Com s.r.l.

Message:
SCANRECO has updated the main electronic card item no: 4111, this component will replace precursing main electronic card and is fully compatible. Customer can theirfor retain their old respective item-/order number as the update will not result in any compability conflict.

The new main electronic card will retain the SCANRECO item no:4111.

As the new main electronic card serves also other applicational areas it is equipped with additional connectors hence an assembly instruction is necessarry to ensure that spare parts are installed correctly.

An assembly instruction can be found further down in this document.

Item no reference:

Scanreco Item no.	Fabercom Item no.	Description
4111	-	Printcard/Controlunit/EEA43

Affected systems:

Scanreco Item no.	Fabercom Item no.	Description
44883	F7000380031	Remote Control System/Hawe
44966	F7000364041	Remote Control System/PM Hawe
44984	F7900380000	Remote Control/Effer/Faber
44985	F7000380024	Remote Control System/CAN
69026	F7900381000	Remote Control / 8991438
69036	F7000380160	Remote Control/PWM/F A+B/+24V
69039	F7000380240	Systemsats Fabrik Faber Com
69040	F7000380151	Remote Control/PWM/F A+B/+24V
69048	F7000380040	Remote Control/PWM/F A+B/+24V

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Affected Portable Control Units:

Scanreco Item no.	Fabercom Item no.	Description
777	-	All type 777 Portable Control Units
888	-	All type 888 Portable Control Units

Description of transition:
The new main electronic card uses Surface Mounted Technology for its components improving the production quality and assembly time.

Reason to transition:
The new main electronic card has been produced to further improve the reliability and to ensure delivery safety.

Date of transition:
2009-08-17 (YYWW=0934)

All systems and spare parts delivered marked with production code (YYWW) 0934 or later will be delivered with the new main electronic card.

Compability:
The new main electronic card is fully compatible with the old part.

Order-/part numbers:
Customers own earlier part number/order number will still be used and is still valid.

The new main electronic card will retain the SCANRECO item no:4111.

Identification:
Affected portable control units marked with production code (YYWW) equal or higher than 0934 have been produced with the new type of main electronic card.

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Illustration:

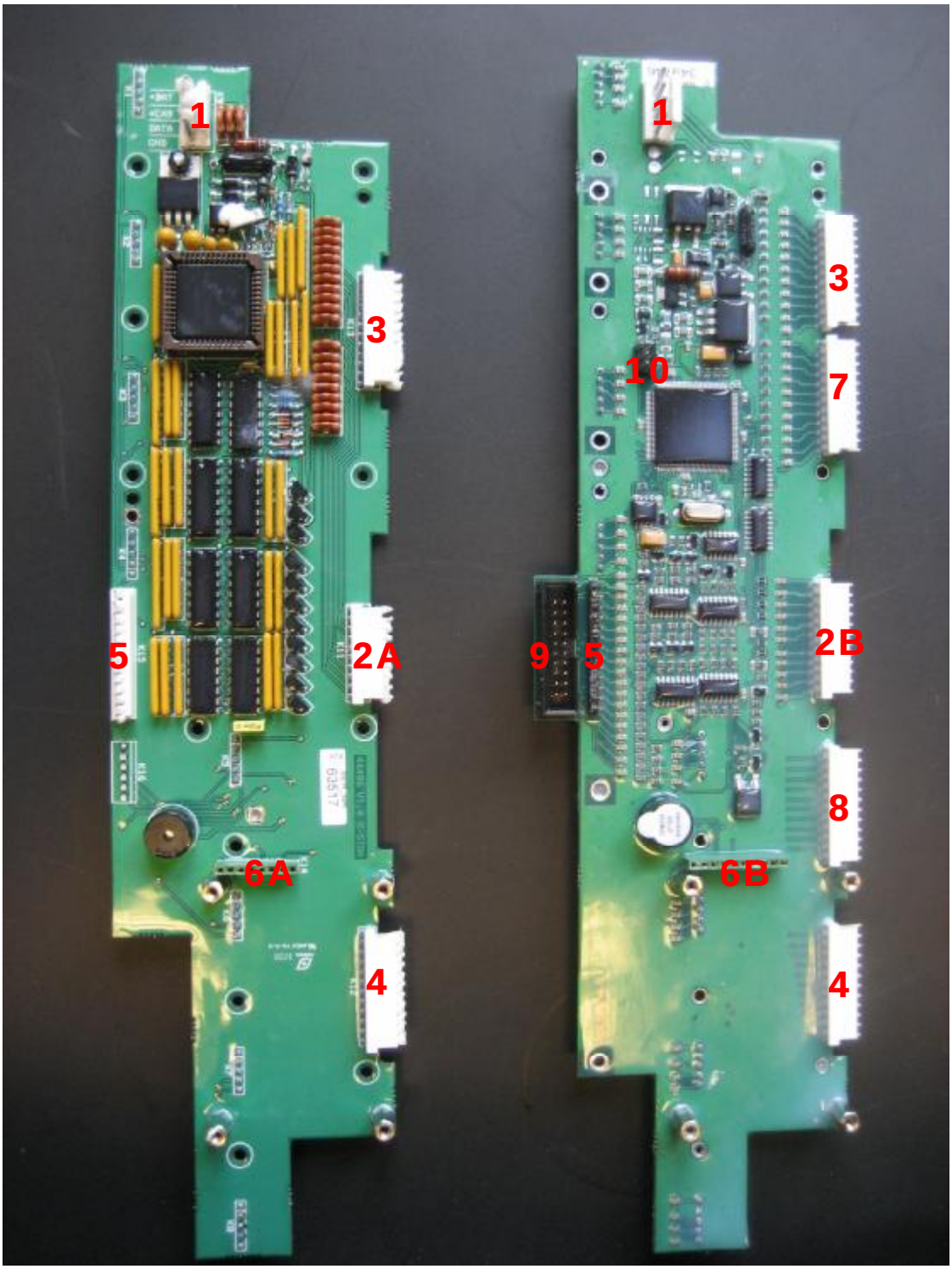

Figure 1: Left hand side shows the old version, right hand side shows the new version.

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LEGEND

No.	Connector	Description
1	4-pole	Battery Supply / Cable Data
2A	10-pole	Control Panel
2B	12-pole	Control Panel
3	12-pole	Digital inputs / Left switch panel
4	12-pole	Digital inputs / Right switch panel
5	13-pole	Display
6A	8-pole	Radio connector
6B	10-pole	Radio connector
7	12-pole	Not in use
8	12-pole	Not in use
9	12-pole	Not in use
10	12-pole	Not in use

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Assembly instruction

Replacing an old type main electronic card type 4111 (productions delivered before 2009-08-17, YYWW=0933 or lower) with the new type main electronic card type 4111 (productions delivered after 2009-08-17, YYWW=0934 or higher) may result in loss of function if these instructions are not carefully followed due to that the newer version has more connectors and different format.

Recommended procedures and hazards when replacing the old type main electronic card with the new type main electronic card is declared below.

1. Supply connection
Identical assembly

2. Control Panel connection
Portable control units 777 & 888 produced before 2007-03-19 (YYWW=0712) uses a 10-pole connector for the control panel, if the new type main electronic card is installed in a portable control unit where a 10-pole connector is in use, the new main electronic card should be connected as shown below:

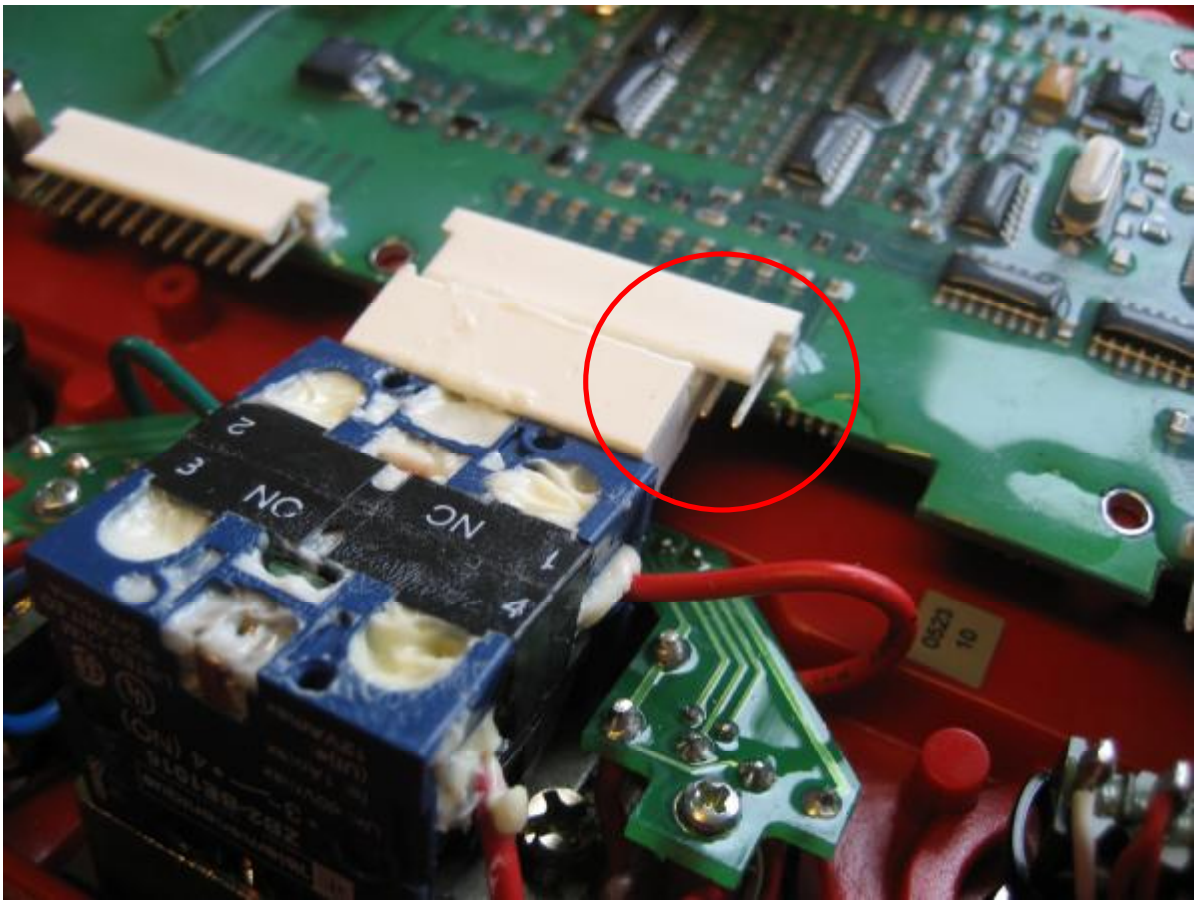

Figure 2: Connect from left leaving the 2 last pins to the right unattached.

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3. Digital inputs / Left switch panel
Identical assembly

4. Digital inputs / Right switch panel
Identical assembly

5. Display
Identical assembly

6. Radio connector
The old type main electronic card uses a 8-pole connector whilst the new main electronic card uses a 10-pole connector, connect new main electronic card as shown below:

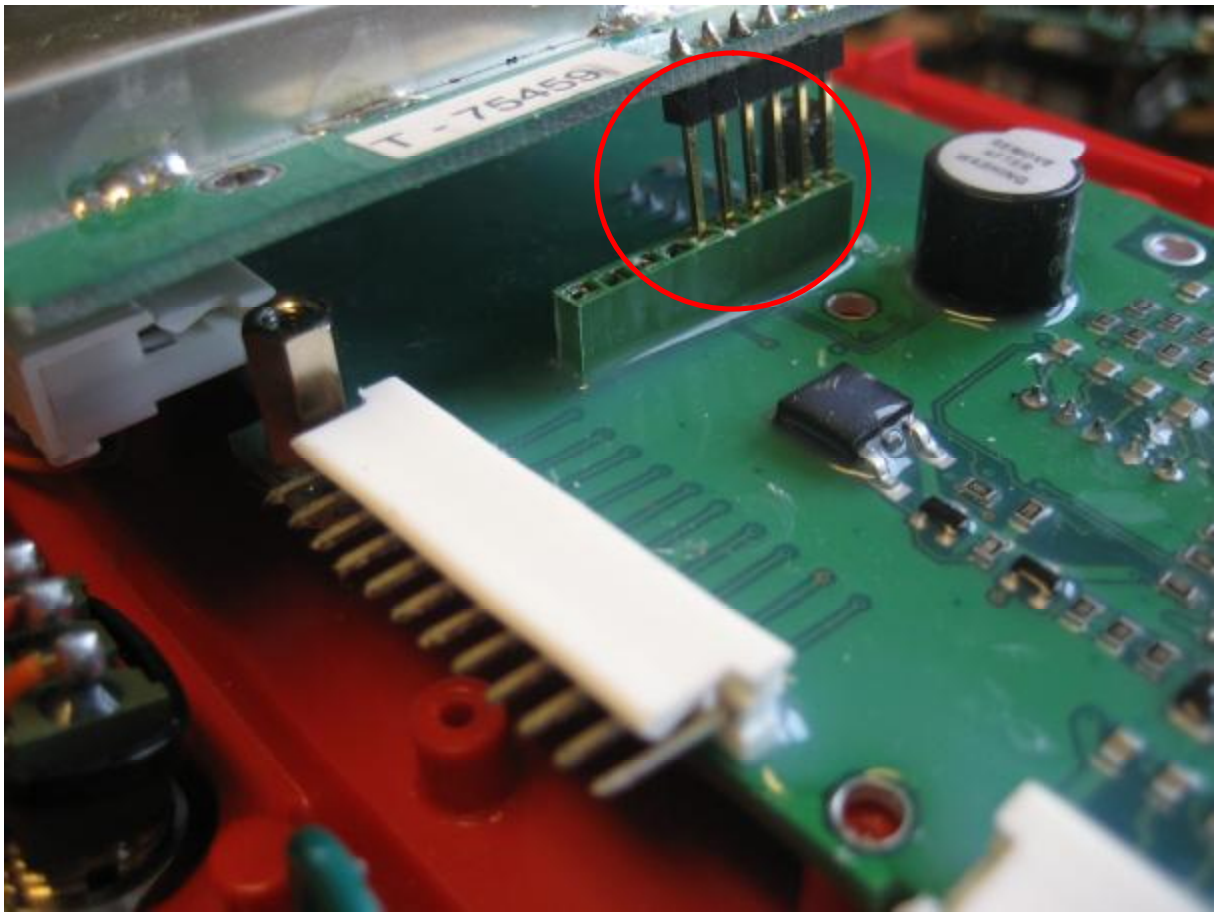

Illustration 3: Connect from top/right leaving the 4* last pins to the bottom/left unattached

*The example refers to a simplex system where the radio card has only 6 pins, if a duplex radio card is used only 2 pins will remain unattached.

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7,8,9 & 10 Not in use:
These connectors should remain unattached, be sure to add water resistant grease suitable for electronic applications in relevant quantities to the areas mentioned.

Hazards:
With the introduction of this new main electronic card equipped with more and different connectors the risk for misplacement during assembly is increased, the following hazards should be known during installation:

Risk for wrongful installation of control panel connector due to that a 10-pole connector may be in use on older portable control units, a wrongful installation would result in that the portable control unit will fail to start.

Risk for wrongful installation of switch panels as identical connectors (no. 7 & 8 on figure 1) are present on the new main electronic card, a wrongful installation would result in loss of function on the related switch panel.

Risk for wrongful installation of radio card as the pins may differ; a wrongful installation would result in loss of radio communication.

Recommendations:
Always inspect that connectors are fitted correctly after assembly.

When assembling; Ensure that all connector pins are applied a water resistant grease suitable for electronic applications to further improve protection against mouisture.

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