

SERVICE MANUAL

FB14-20A(C)NT
FB16-20A(C)N



15	16
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J14
1/13
XAB1/3

Figure 126: Page 8, zone 16, wiring reference J14

Once again, note the numbers below the wiring reference J14. These numbers (1/13) direct you back to the page (and zone) shown in Figure 125: Page 1/8, zone 13, wiring reference J14.

INPUTS & OUTPUTS	4 / 9	REV H
	3-7109	

Figure 127: Page numbers (4/9), circuit diagram number (3-7109) and revision letter (H)

Page numbers, the circuit diagram number and the revision letter can be found in the bottom right corner of the page.

REV	DATE :	NAME :	CHANGE :
E	2011-09-27	EP	CAN BUS TERMINATION OUTSIDE COMBI-ACX

Figure 128: Page modification history

On the bottom left side of the circuit diagram, you can see the modification history of the page.

6.3 Power source

This truck product family uses wet lead-acid batteries, which consist of 24 cells and supply a nominal voltage of 48 volts. The batteries have the maximum capacity of 750 Ah, depending on the truck model. The batteries reside in a separate compartment and are connected to the system via the X1 battery connector. In the electrical schematic diagram, the battery is presented in zone 11 on page 1.

6.4 Safety circuit (emergency stop button)

If the emergency stop button (S2) is in its normal closed position, B+ continues to flow to the key switch (S1). B+ also flows to the coil of the key switch

12 Parameter descriptions



TRUCKTOOL

Always use the correct parameter list for the specific model you are servicing. See the latest TruckTool version for the latest parameter set.

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APPENDIX B: Truck display languages

The following truck display languages are available:

- Bulgarian – Български
- Croatian – Hrvatski
- Czech – Čeština
- Danish – Dansk
- Dutch – Nederlands
- English
- Estonian – Eesti
- Finnish – Suomi
- French – Français
- German – Deutsch
- Greek – Ελληνικά
- Hungarian – Magyar
- Italian – Italiano
- Latvian – Latviešu
- Lithuanian – Lietuvių
- Norwegian – Norsk
- Polish – Polski
- Portuguese – Português
- Romanian – Română
- Russian – Русский
- Slovak – Slovenčina
- Slovene – Slovenščina
- Spanish – Español
- Swedish – Svenska
- Turkish – Türkçe

1. Release the emergency stop and turn the key switch to the ON position.
2. Connect the test probe to the frame of the truck (for example, to a non-painted bolt or bracket) and the other test probe to the positive terminal of the battery connector.
3. Read the resistance value.
4. Measure and read the negative terminal of the battery connector in the same way.

9.2.3.1 Insulation resistance of the truck

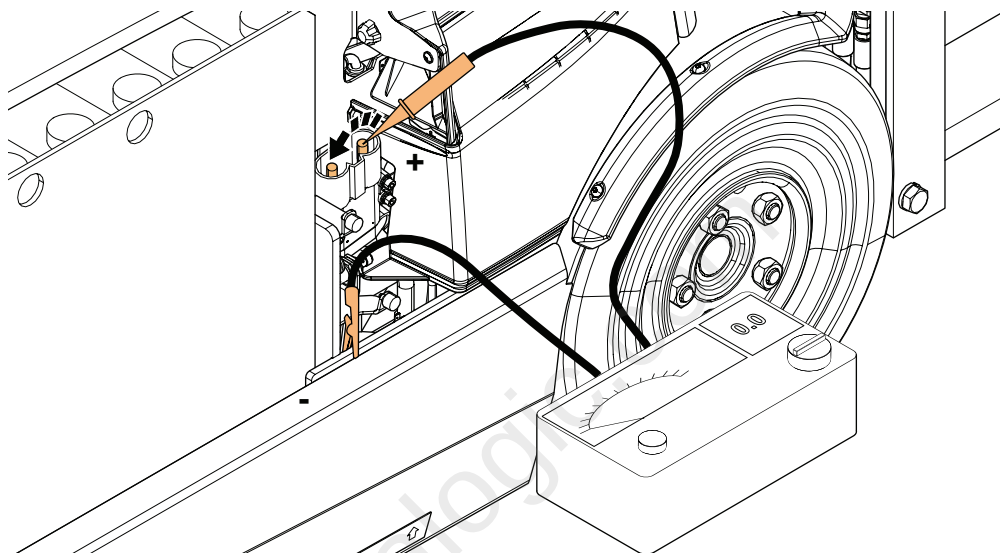


Figure 170: Measure the insulation resistance of the truck

The insulation resistance between the live parts of all the electric components and the frame of the industrial truck with the exception of the battery is at least 1000 Ω multiplied by the nominal voltage of the truck system.

Nominal voltage	Minimum insulation resistance
24 V	24,000 Ω
36 V	36,000 Ω
48 V	48,000 Ω
80 V	80,000 Ω

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Mitsubishi FB18ACN Forklift Service Manual (640902-EN-A1)

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