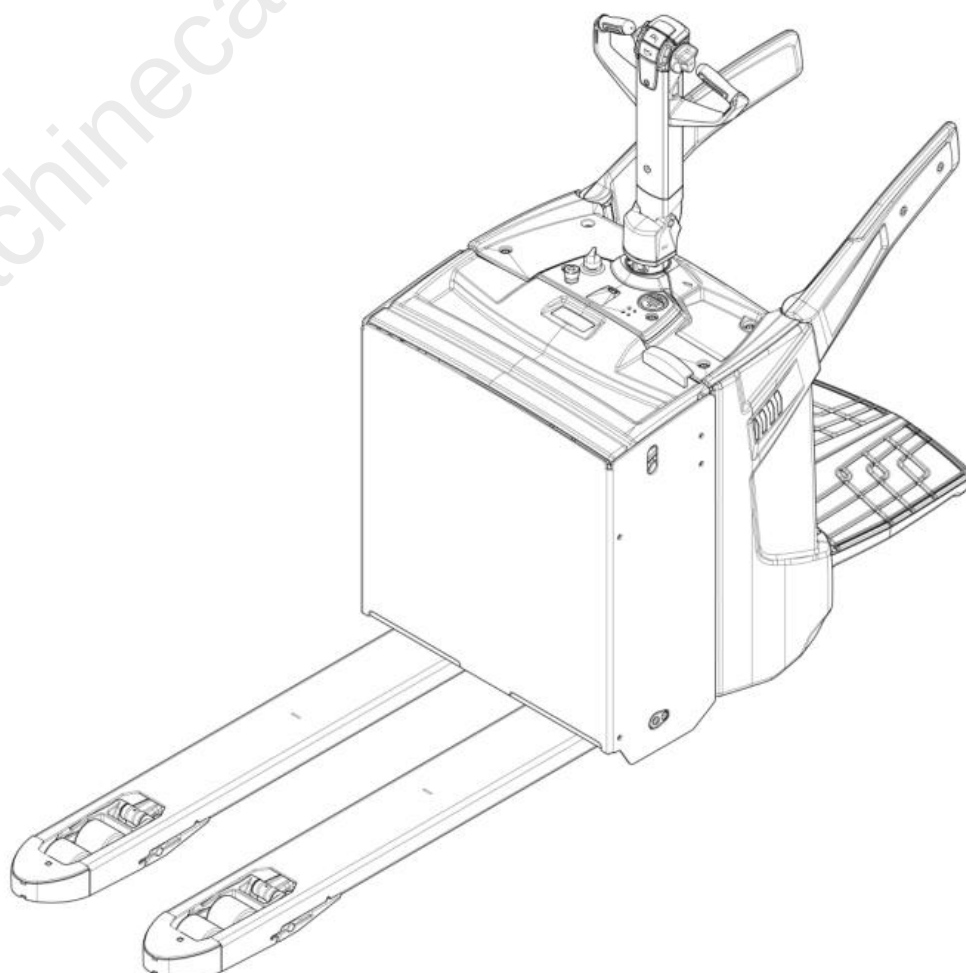




SERVICE MANUAL

PBV20N2

615023-EN C.1



IDENTIFIER	DESCRIPTION
M#	Motor
V#	Diode
A#	Controllers and displays
K#	Contactors and relays
X#	Connector. Contact numbers are marked on individual wires.
XX#	Splice. Multiple wires are connected together at this point.

Figure 46 shows the reference to which Figure 45 referred.

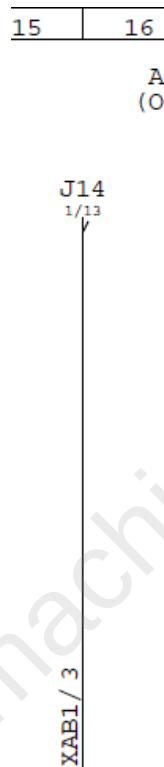


Figure 46. Page 8, zone 16, wiring reference J14

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 45.

INPUTS & OUTPUTS	4 / 9	REV H
	3-7109	

Figure 47. Page numbers (4/9), circuit diagram number (3-7109) and revision letter (H)

11 TruckTool Diagnostics

Software maintenance can be performed with a diagnostics application called TruckTool. This program runs on a laptop PC and connects to the truck's data bus (CAN) via a special adapter and wire harness.

TruckTool can be used to receive, display and modify settings, update (flash) controller firmware, reset settings to hardware defaults, review and clear alarms, perform calibrations, execute a quick truck setup and monitor digital and analogue inputs and outputs.

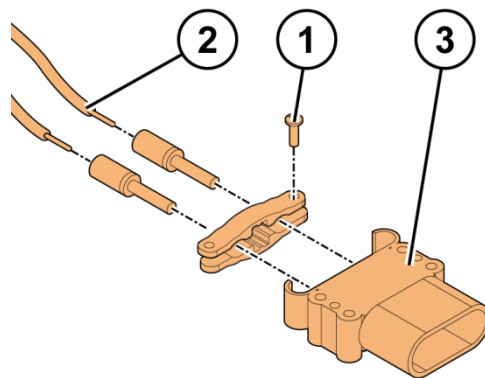
The TruckTool program's usage instructions are available in the application itself. Additional training is required to use the program.



Figure 88. TruckTool Diagnostics

15.9.1 Replacing the charger connector

1. Remove the screws holding the charger connector in place.
2. Remove the wires.
3. Remove the charger connector.



15.10 Quick battery replacement



NOTE: The quick battery replacement option is installed to the truck during manufacturing, so this option needs to be selected prior to purchasing the truck.

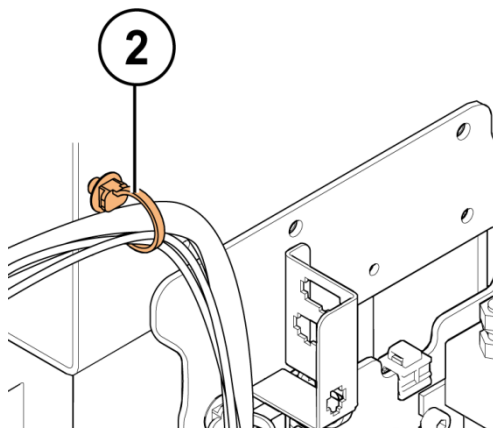
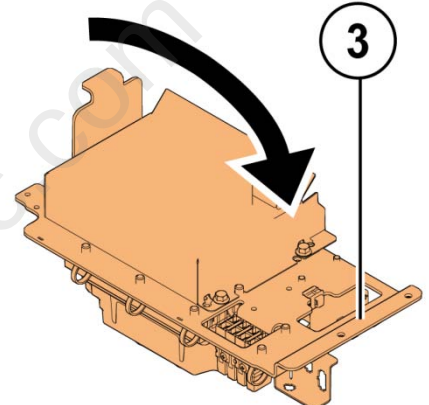
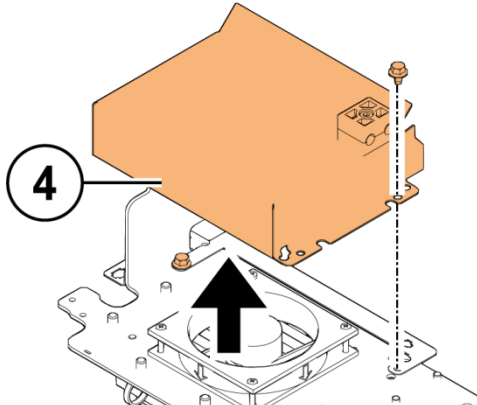
The quick battery replacement device enables changing the battery without the use of a lifting device.

15.10.1 Removing a discharged battery with the battery changing device

CAUTION



To avoid injury, do not place your foot between the rollers of the changing device when pulling the battery onto the battery changing device.

2. Remove the cable tie attaching the wires of the electric panel to the truck frame. Record the places of the connectors and wires you remove.	
3. Turn the electric panel to the side to access the controller fan.	
4. Remove the fan plate.	

Full Version Available

Mitsubishi PBV20N2 Pallet Truck Service Manual (615023-EN-C1)

Mitsubishi PBV20N2 Pallet Truck service manual, covers drive unit, hydraulics, wiring, and fault codes in searchable PDF. Instant PDF download.

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