

SERVICE MANUAL

RBM20N2
RBM25N2

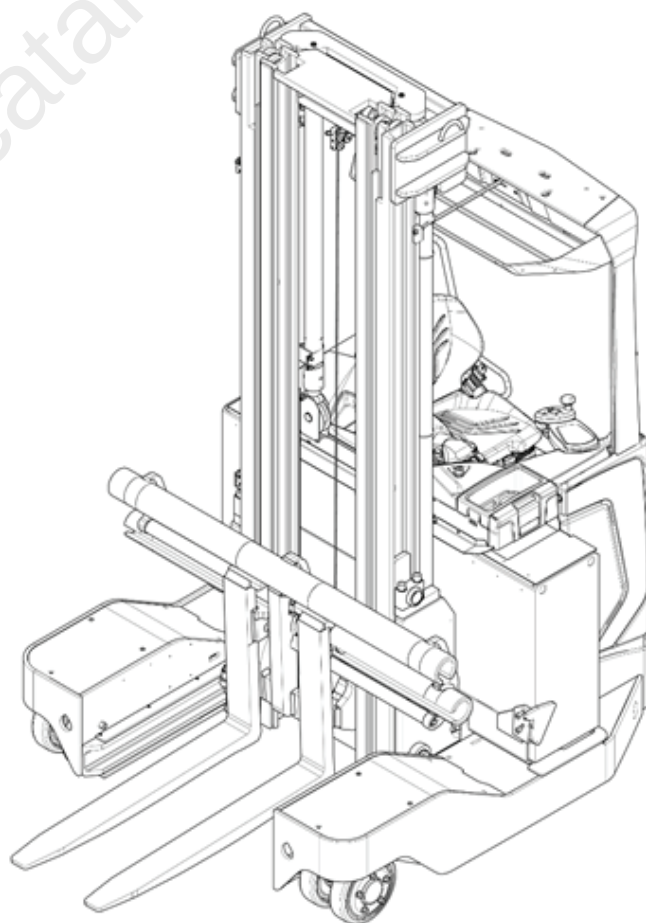


Table 5 below explains the different identifiers used in the schematic diagram. # stands for a number.

Table 5. Schematic diagram identifiers

IDENTIFIER	DESCRIPTION
S#	Switches and other state changing devices (for example, most sensors).
#F#	Fuse
J#	Reference. All references marked with an even "J" (for example J2) are positive (+). All references marked with an odd "J" (for example J3) are negative (-).
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 96 shows the reference to which Figure 95 referred.



Figure 96. Page 8, zone 16, wiring reference J14

11.1 Location of the service socket

The location of the service socket for connecting TruckTool to the truck.

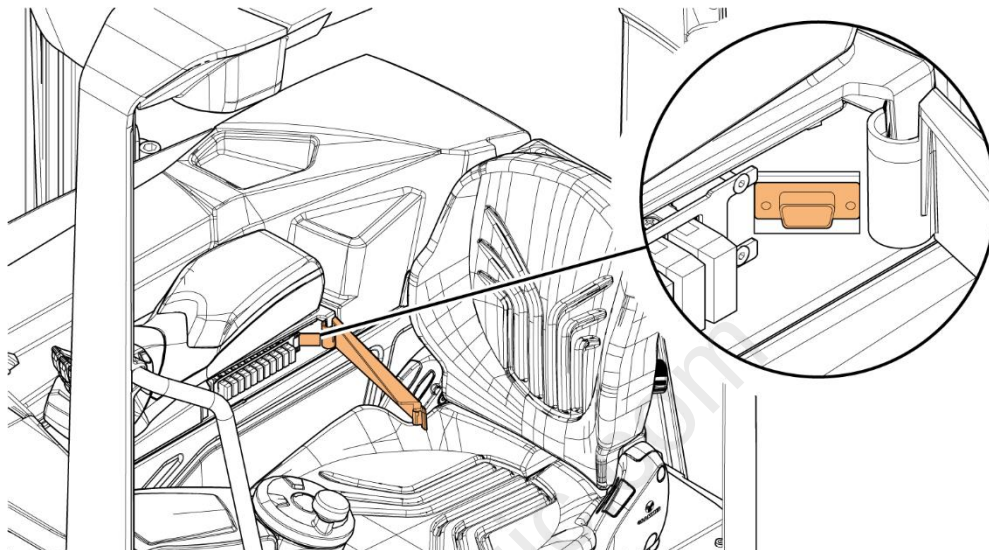
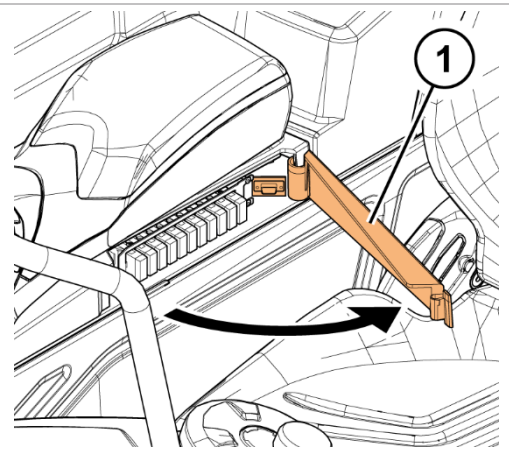


Figure 147. Location of the service socket

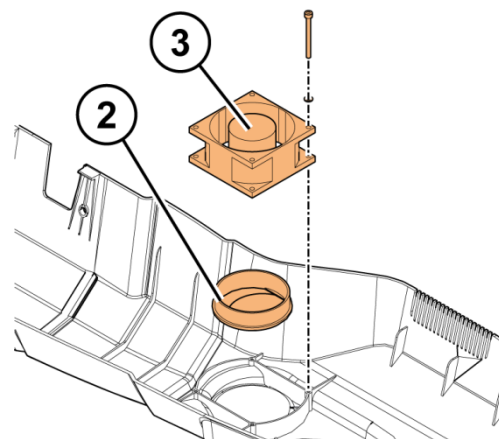
11.1.1 Connect TruckTool to the service socket

The service socket is behind the fuse cover. You must open the cover before you can connect TruckTool to it.

1. Open the fuse cover.



2. Install the fan cover to the plastic cover with screws.
3. Install the operator compartment fan to the plastic cover with screws.



4. Install the plastic cover back under the overhead guard.

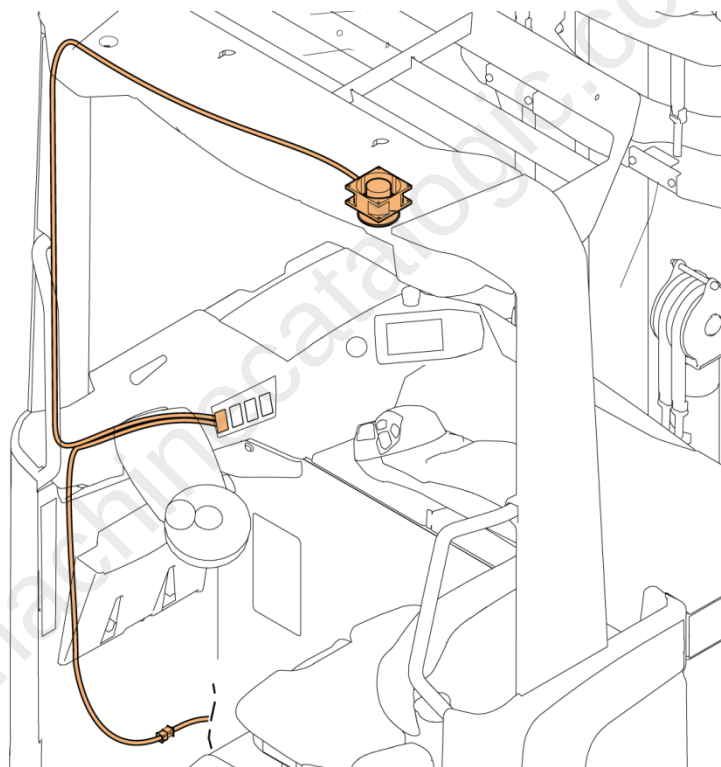


Figure 166. Operator compartment fan wiring overview

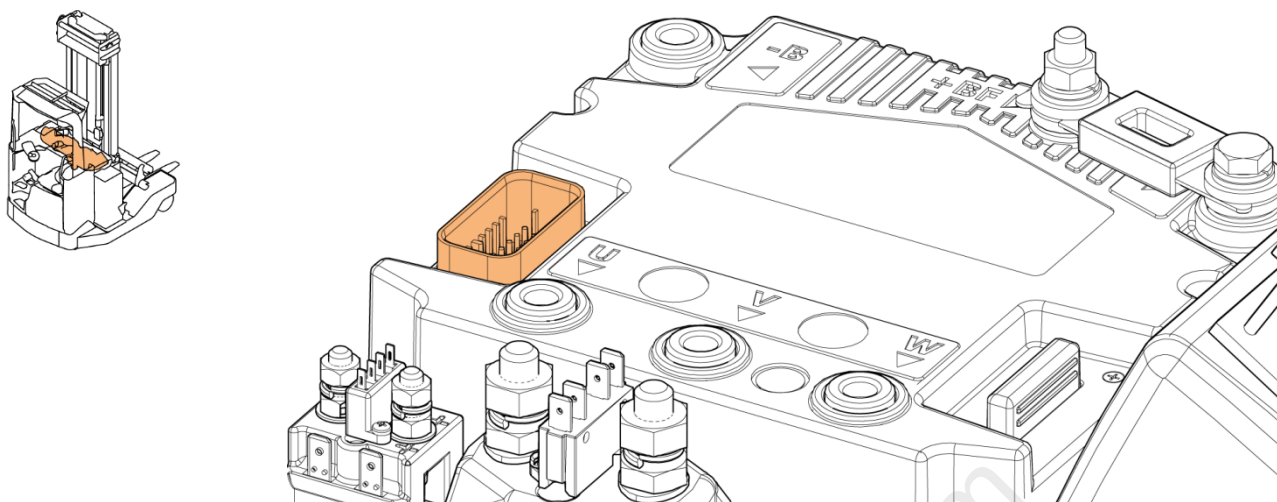


Figure 115. Pump controller CNA external connector

The pump controller uses one connector:

- CNA 23 poles connector

Contact 0.5–1.25 mm² for the CNA connector.

8.3.7.1 CNA external connector

CONNECTION	DESCRIPTION
A1 KEY (XA2A/1) (Keyline input)	Connected to the battery positive through a 10 A fuse.
A3 CPOT (XA2A/3) (EMCY state X12/5)	Emergency state input.
A4 DI1 (XA2A/4) (Battery lock XS35/2)	Battery lock state.
A5 DI1 (XA2A/5) (Seat belt XS21/2)	Seat belt state.
A7 ENCA (XA2A/7) (Motor encoder channel A XM2/3)	Pump motor encoder channel A.
A8 PENC (XA2A/8) (Motor encoder supply XM2/1)	Positive supply of +12 V for the pump motor encoder.
A9 -BATT (XA2A/9) (GND XA2A/11)	Ground connection.
A10 CPOTBR (XA2A/10) (Eco mode X12/6)	Eco mode switch.
A11 SAFETY IN (XA2A/11) (Safety chain in XA2A/9)	Safety chain input.
A14 ENCB (XA2A/14) (Motor encoder channel B XM2/2)	Pump motor encoder channel B.
A15 ENC GND (XA2A/15)	Pump motor encoder ground.

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