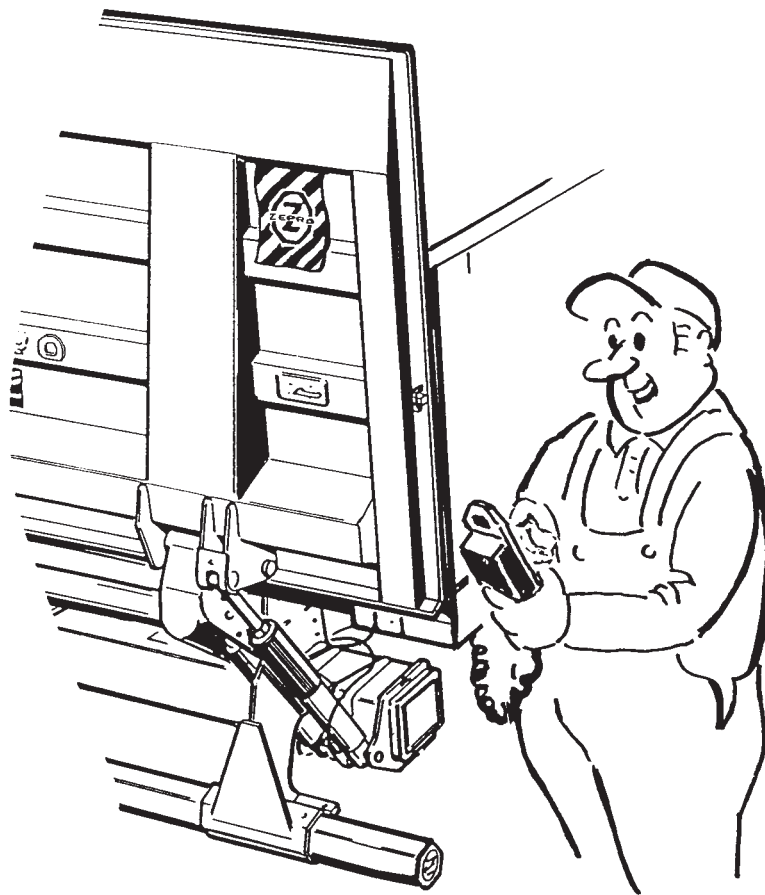


ZEPRO

Z-LYFTEN PRODUKTION AB

IE-0103

Service instruction



Electrical equipment

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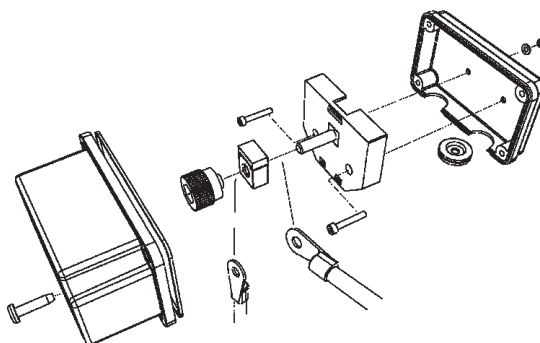
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Electrical equipment

Please read all instructions before you start.

Check all service points cabling and interfaces. Extra care is to control the main power cable all the way to the battery via the fuse box. If any of the wiring harness could be scratched or otherwise deteriorated so badly that it is deemed that they are substandard in terms of safety, they shall be replaced. Zepro recommend wiring replaced at the slightest damage to the protective housing or otherwise damaged to prevent possible short circuits. When replacing the cables, shall the main power be disconnected at the fuse box. (See picture below.)



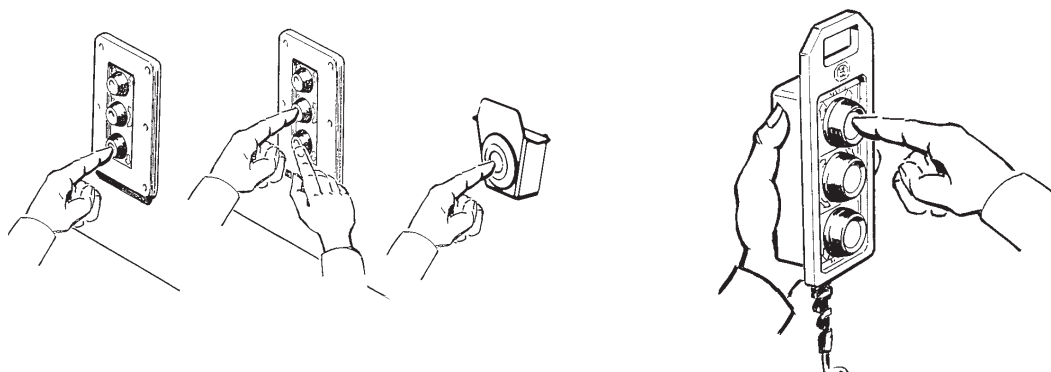
Check the fuse box tightness and cleanliness. Is the box dirty and / or moist on the inside or have corroded interfaces, check seals and box, and replace the parts that can be used to provide the box is not tight for moist. Also check the fuse box has a sheltered location so close to the battery as possible and with the inmate for the cables down to minimize the risk of water flowing in with the cables into the box.

Some lifts are equipped with an 8-pin connector. (See picture below.) Disassemble connector and check that the cable lugs have nice areas and not begun to rust or otherwise have damage that can lead to poor contact. At the risk of poor contact and in particular the ground, there is an instruction (IA-0101) how to bypass the ground and the power cable.



Note! Regarding newer Tail-lifts (starting autumn 2012), with 8-pin connector in combination with control board that is, are grounding and power cable not connected via the 8-pin connector.

All control functions with all control units shall be controlled. At any errors, make a troubleshooting and correct the errors, if necessary, replace defective parts. If the lift is equipped with remote control, should also that be tested.



Check that the rubber buttons are intact and seals properly. Water in the control unit can generate involuntary movement on the tail lift. Is the control units equipped with heating cables shall also they be checked.

Continue to check the connection box for control units. Check the same way as for the fuse box, also check the circuit board contact areas (terminals). Fix possible errors and / or replace parts as necessary.

Check that the lamp in the cabin for alarm for open platform is activated when the platform is not closed against the appropriation / bodywork. Troubleshoot and fix if necessary.

Alarm for open platform

The alarm consists of a warning lamp (placed in the cabin), that shine if the platform is not pressed against the rear pillars.

The device consists of:

- * Pressure switch located on the line to tilt cylinders.
- * Cable up to the dashboard.
- * Hang Fuse.
- * Warning light 12 or 24 Volt

Check the battery voltage when the lift and the vehicle is inactive. Difference in voltage between the battery and the hydraulic unit should not exceed 6%.

Finally, do a functional check of the cabin switch (if the lift is equipped with one). The main stream to the Tail lift shall be cut when the Cabin switch is activated.

