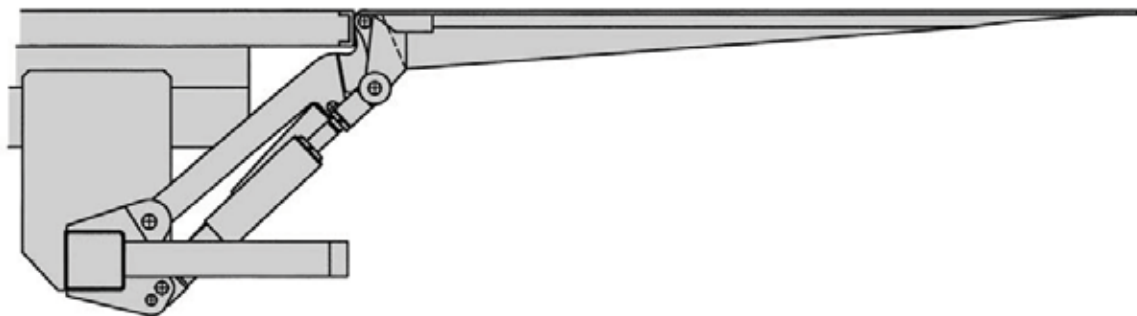
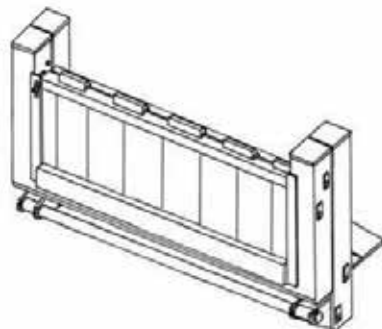


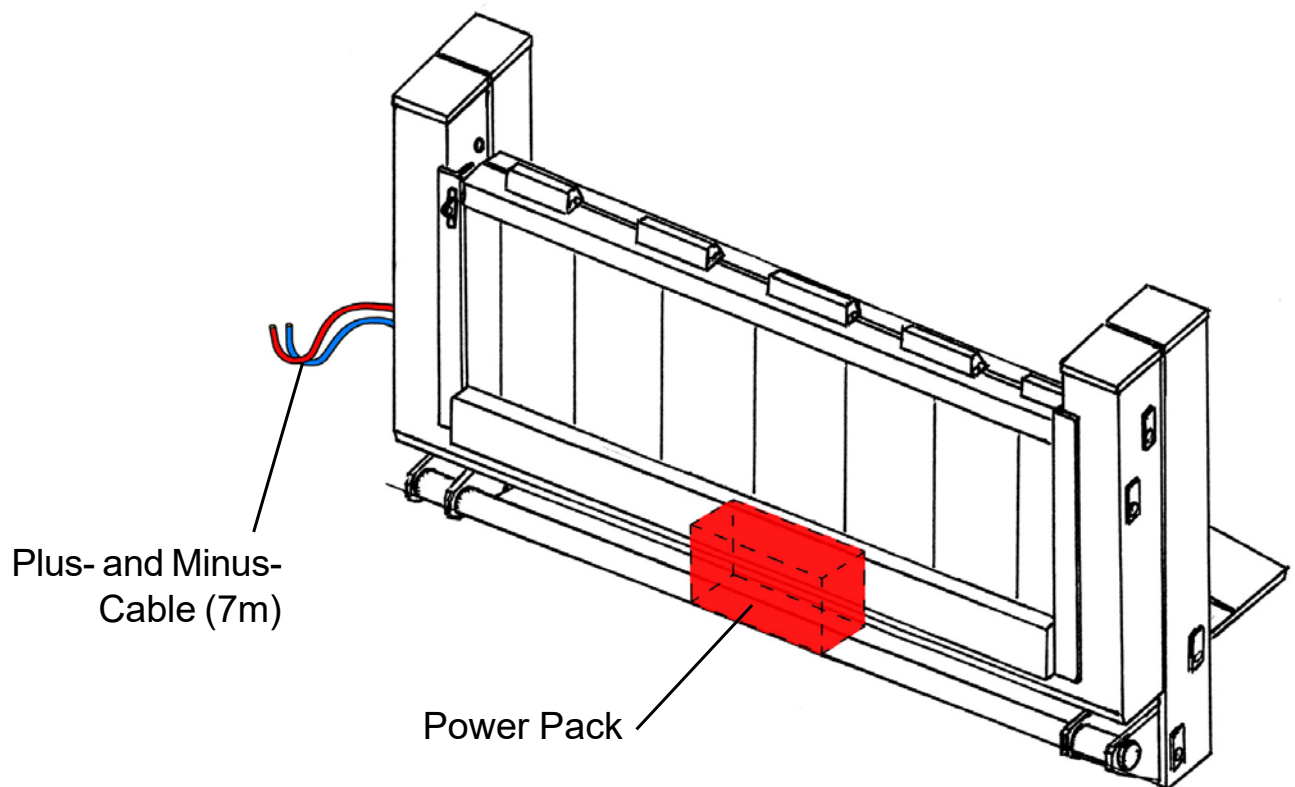
Installation Manual

PKL 300 - UTE Tail Lift



UNPACKING THE TAILGATE LOADER

The tailgate loader is completely assembled and ready for use:



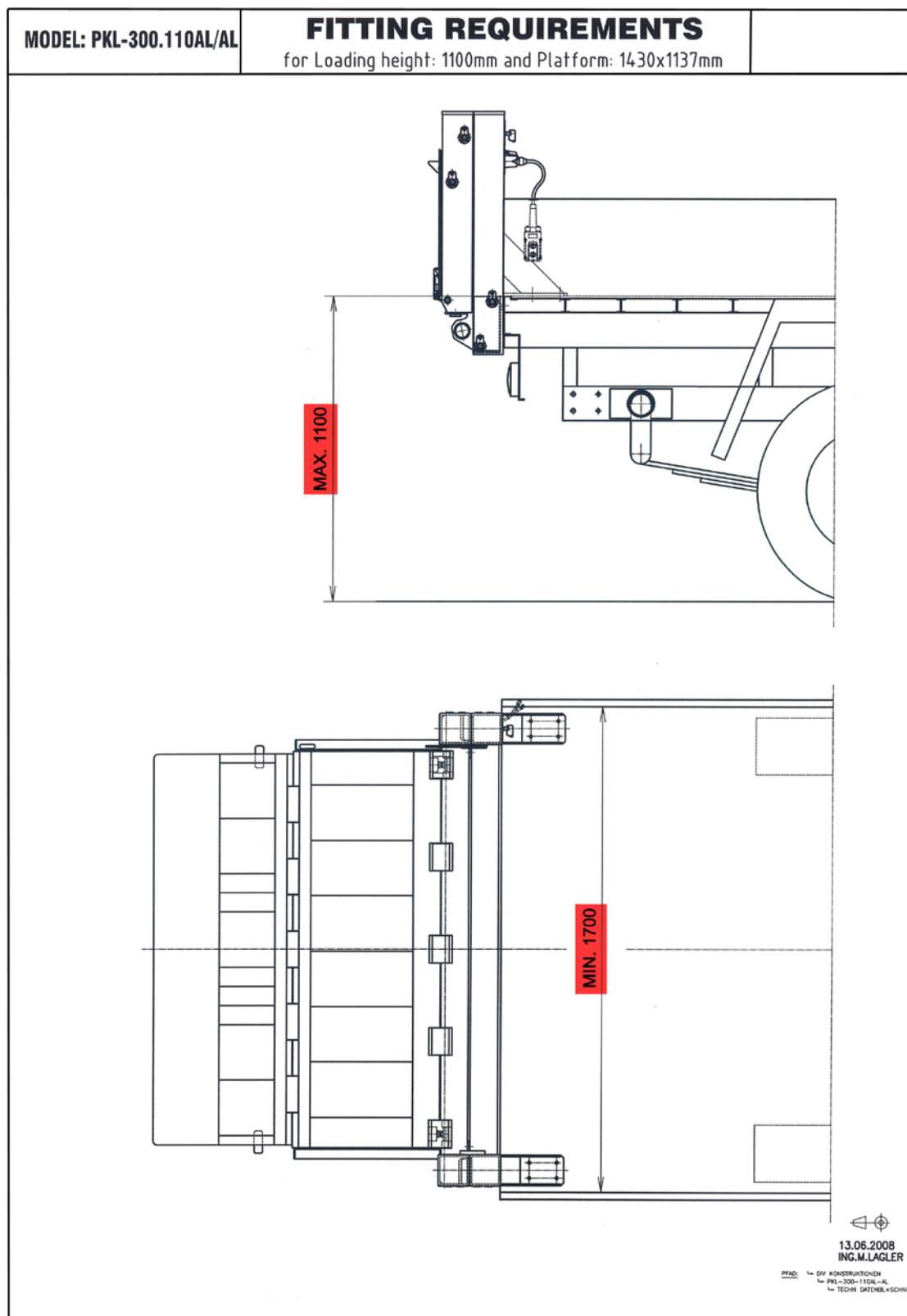
The power pack is in the inside of the main frame and ready for work.
Only the Plus and Minus cable must be connected on the vehicle battery.



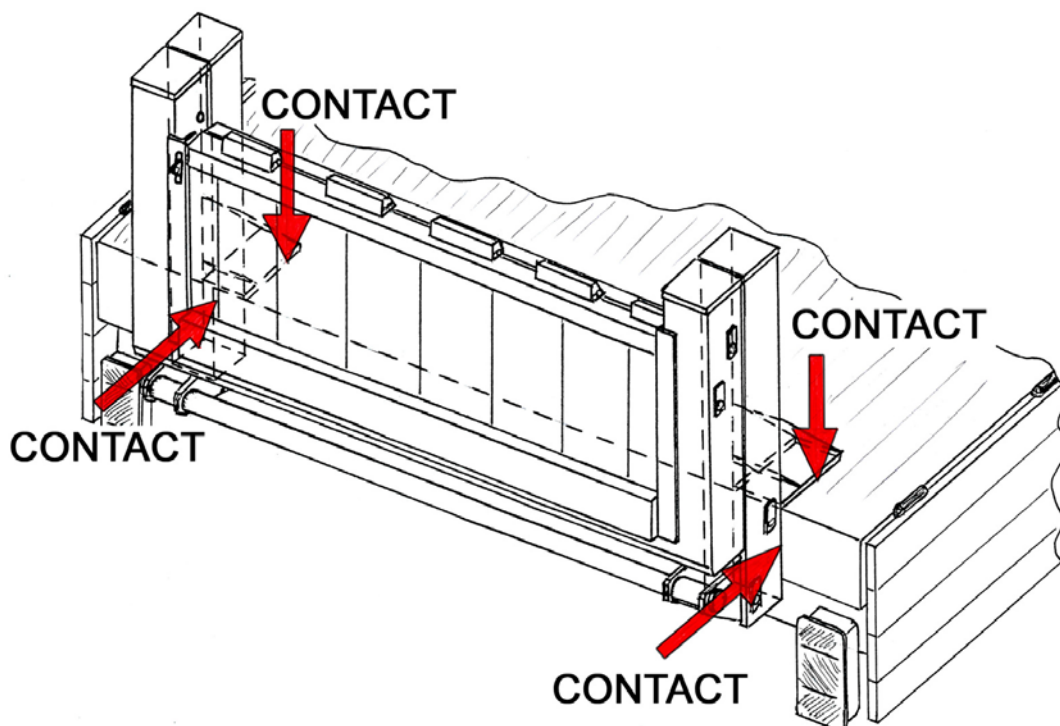
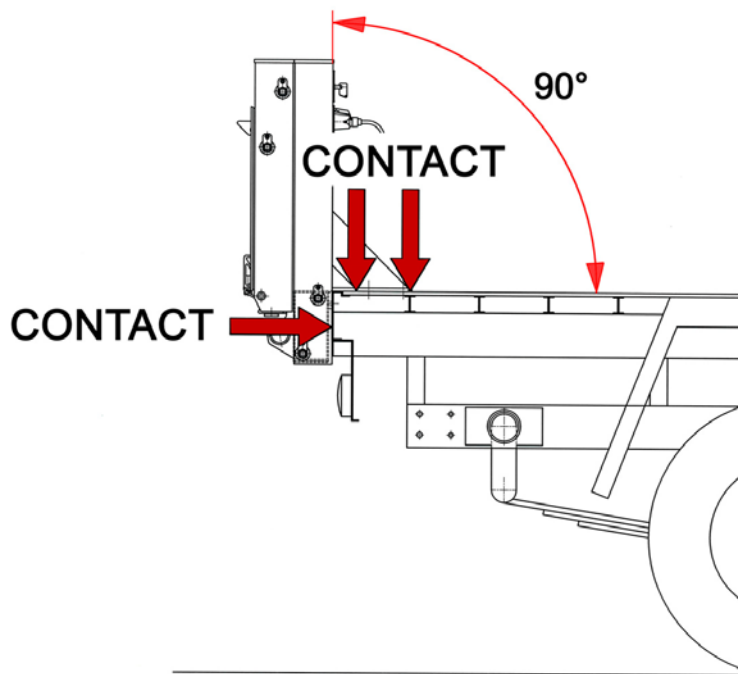
- Position the tailgate loader:

Center the tailgate loader on the end of truck floor.

ATTENTION: Comply the fitting requirements as shown in the picture below.



Attention: The tailgate loader must have a contact on the under side and on the front side with the truck floor. (on both sides)



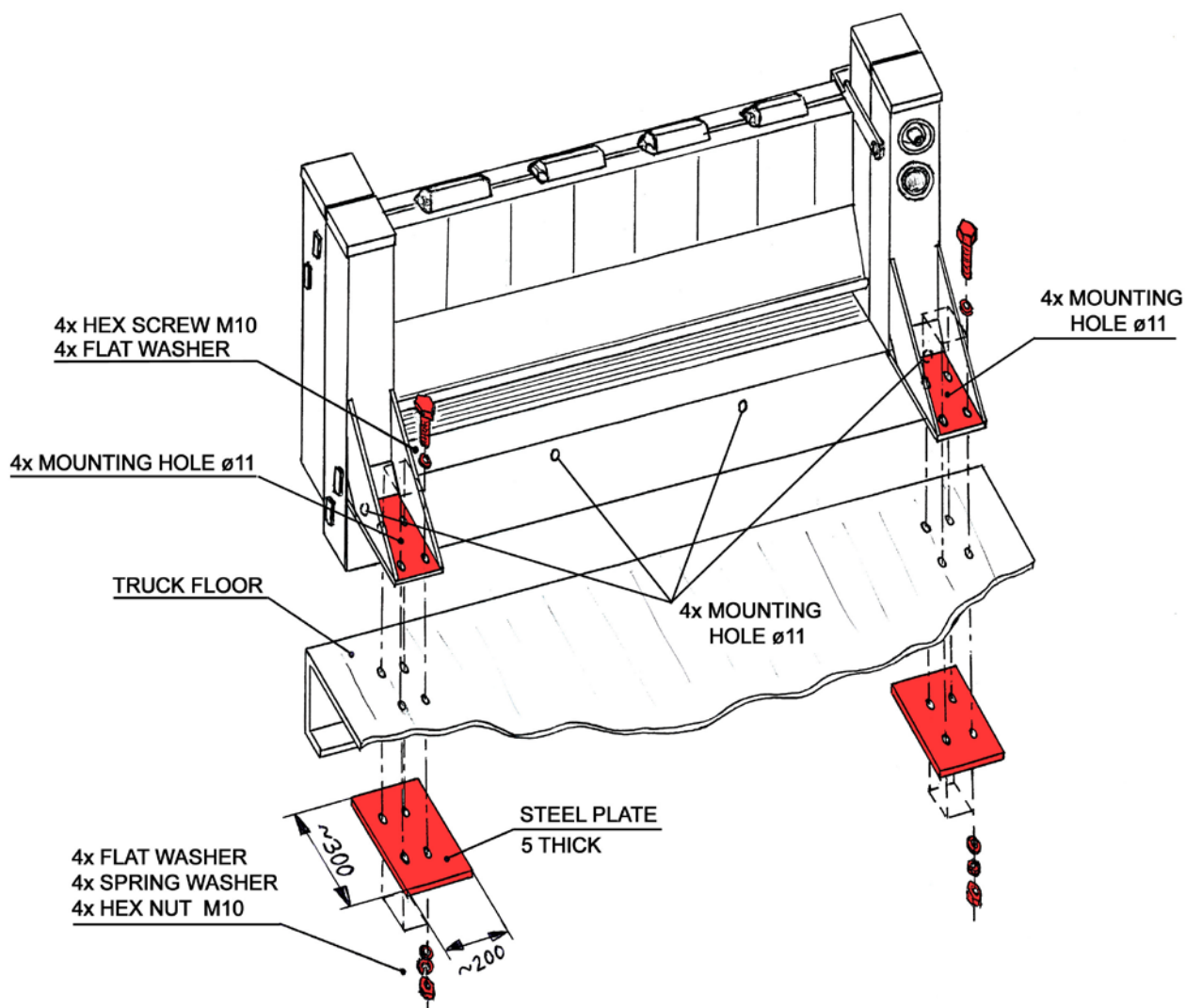
If the tailgate loader is in the correct position, fix it with screw clamps onto the truck.

- Installing the tailgate loader

Drill 4x holes $\varnothing 11\text{mm}$ on each side into the truck floor.

Install 4x hex screws M10 on both sides as shown in the picture below.

ATTENTION: Use a steel plate (approximately. 200x300mm; **not supplied**) 5mm thick on the underside of the truck floor for stiffening the truck floor.



Energise the power pack

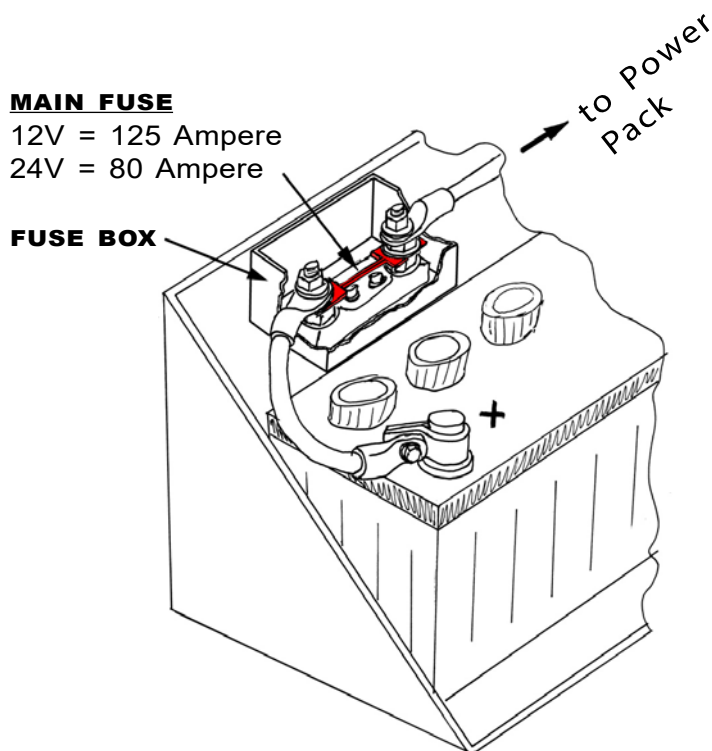
Be sure the vehicle and the tailgate loader are of the same current (12V or 24V).

Fuse is in the power pack. (12V = 25 Amp and 24V = 16 Amp).

Connect the **positive cable, directly from the battery, to the starter solenoid.** (min. 16mm²)

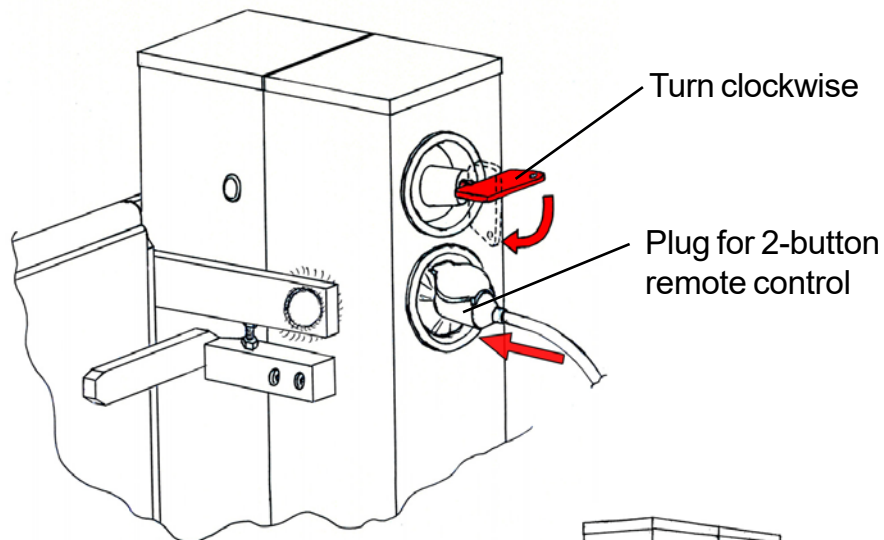
Connect the **negative cable, directly from the battery, to the motor ground.** (min. 16mm²)

- Build in between Battery (+) and (+)-Cable the Main Fuse



Lower the tailgate loader

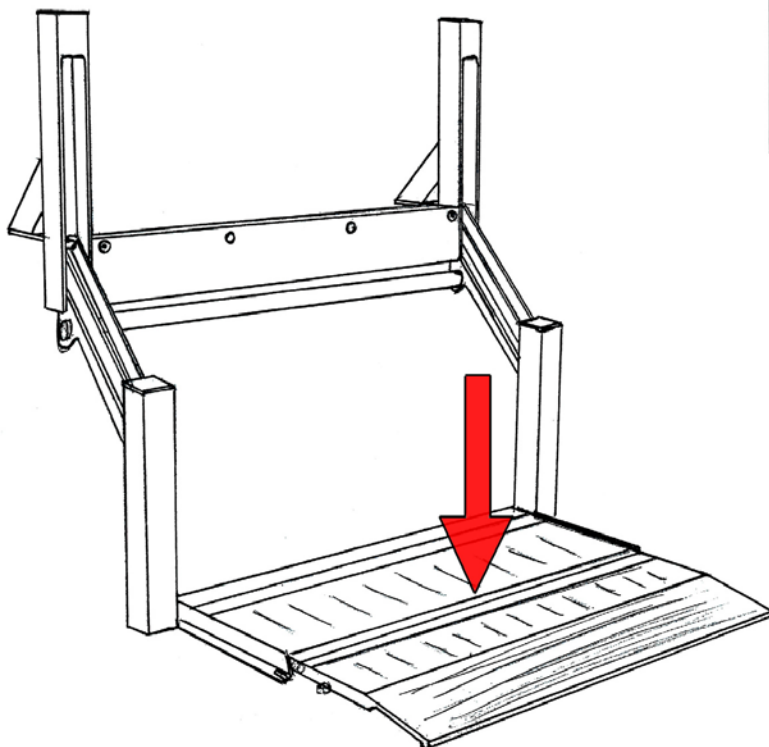
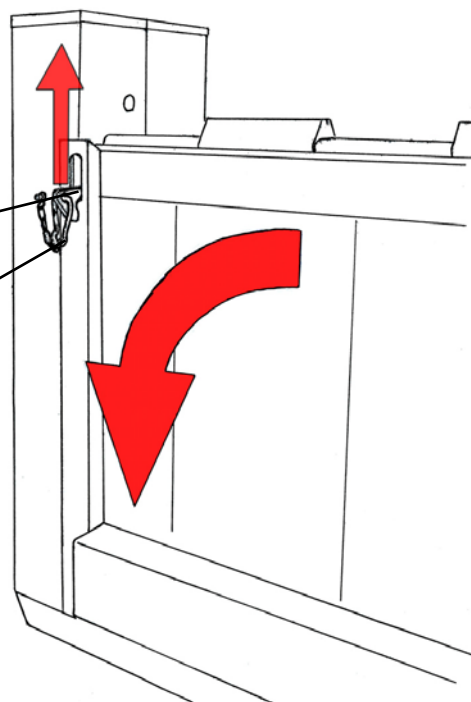
- Turn the red key clockwise to switch on the power pack.
- Plug in the 2-button remote control.



- Remove the carbine from the platform lock.
- Push the platform lock upwards while turning the platform downwards.

Platform lock

Carbine

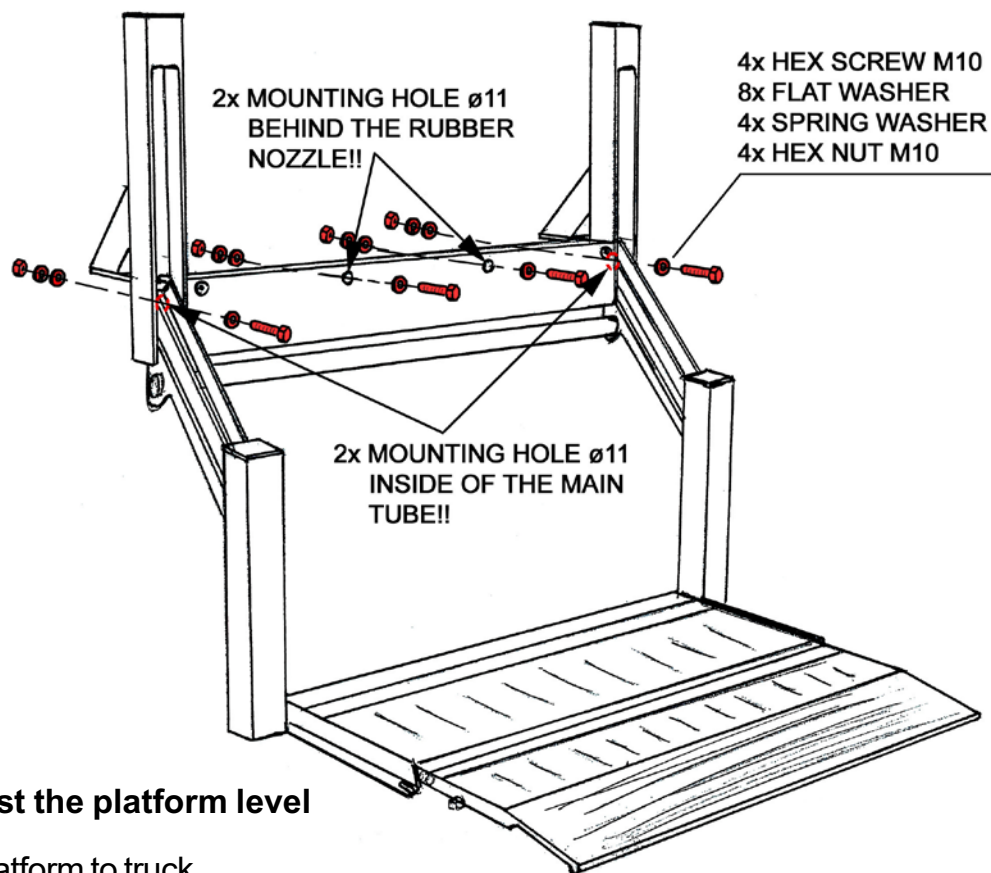


- Press the „LOWER“ button on the 2-button remote control to lower the platform to ground.

- Installing the tailgate loader

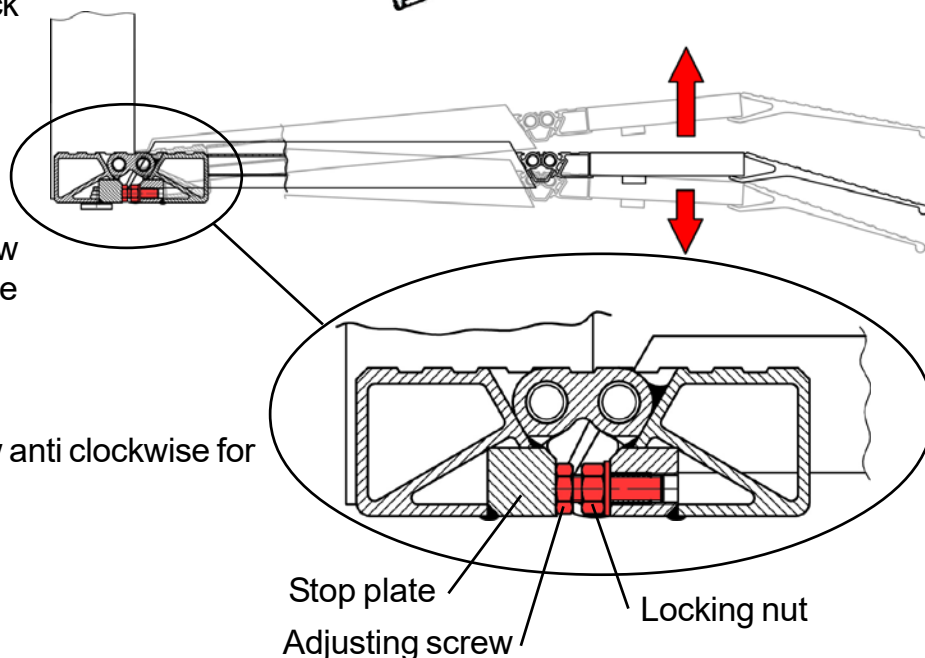
Drill 4x holes $\varnothing 11\text{mm}$ on the rear of the truck floor.

Install 4x hex screws M10 as shown in the picture below.



- How to adjust the platform level

- Raise the platform to truck floor.
- Loosen the locking nut. **(on both sides)**
- Turn the adjusting screw clockwise for lower the platform tip **(on both sides)**
- Turn the adjusting screw anti clockwise for raise the platform tip **(on both sides)**



- Check the correct adjustment of the adjusting screws

!!! ATTENTION: Both adjusting screws must have contact with the stop plate !!!

- If the platform level is correct, fasten the locking nut. **(on both sides)**

MODEL: PKL-300.110AL/AL

LIFT SPECIFICATIONS

for Loading height: 1100mm and Platform: 1430x1137mm

STANDARD SPECIFICATIONS

CAPACITY kg	300kg at 500mm Gravity Center
NOMINAL PLATFORM SIZE mm	1430 Width x 1137 Length x 73 Depth
INSTALLED WEIGHT kg	124
FITTING REQUIREMENTS mm	1100 Max. Height Unloaded 1700 Min. Truck Door intermediate Width
ADDS TO VEHICLE mm	252

OTHER SPECIFICATIONS

WEIGHT	Unit & Cylinder kg	124
	Installation Kit kg	6
PLATFORM	ALUMINIUM EXTRUSION PROFILE	30 mm thick
	Execution	folding in the Middle
	Trolley Stops	No
	Platform Angle	Platform 0° (Platformtip 17°)
LEVER + LIFT ARM	Construction	2x10mm Aluminium Plate Liftarm with Stabilizerpipe
	Lever (+Liftarm) Depth mm	70
	Lever (+Liftarm) Length mm	600
	Lever—Overall width mm	70
	Liftarm—Overall width mm	1661
	Re—Bushable	Yes
SUPPORT FRAME	Construction	U—109x109x5.5; Aluminium; Length: 870
	Overall width mm	1700
SWING FRAME	Construction	U—109x109x5.5; Aluminium; Length: 720
	Overall width mm	1700
PINS	Material	Ø20mm Hard Chrome Plated
	Grease Nipples	Yes
	Pinlock and Screws	Stainless steel
BUSHES		Steel Teflon Coated
HYDRAULIC	Power Pack	M.H.W.
	Weather Proof Alum Enclosure and Sound Proof	Included
	Motor Size	0.8kW; 12 or 24VDC
	Pump Size	0.17ccm/U
	All Aluminum Cylinder: Quantity	Two (2) Lift
	Size	Ø25mm; max. Stroke:300mm
	Quality	Cylindertube Aluminium Piston are Steel chrom plated and Teflon Sealed for Long Life
	Hose Burst Valve	one mechanical hose burst valve on each Cylinder
	Leak Proof Check Valve	Included
	Hoses	Ø6mm (1/4") Thermo Plastic 4pcs. L=750mm
	Flow Control	Pressure Compensating
	Oil Type	Hydraulic Oil 22cSt
OPERATION	Lift Operation	Power up/Gravity down
	Closing Operation	manual Closing and Opening
	Locking Device	Automatic Lock between Support Frame and Platform
CONROLS	Battery Isolation Switch	Integral to Support Frame
	Fixed Control	No
	Removable Remote Push Button	2 Button plugged in Support Frame

13.06.2008
ING.M.LAGLER

PFAD:  DIV KONSTRUKTIONEN
PKL-300-110AL-AL
TECHN DATENB-SCHNEIT

