



Bär Cargolift – Lifting Performance.



## Operational safety guaranteed for professional users

The intensive use of a taillift fitted to a trailer or semitrailer requires a reliable power supply. The electronically controlled charging cable SmartCharge guarantees operational safety at any time. As standardized connector towing vehicles and trailers with SmartCharge can be combined in any way you like.

SmartCharge enables a needs-based charging of the batteries. Because well charged batteries are the basis for operational safety when using a taillift at a trailer or semitrailer.



### Charging current limit

The electronically controlled charging cable limits the charging rate to 50 A in short term and permanently to 30 A. This omits a breakdown of the fuse. Thanks to the optimum dimensioning of all components the wearout of electric motor and power activators is reduced.

### Display of errors

Each error of SmartCharge is displayed by a flashing light on the cabin switch and an encoded signal on the electronic modul. It is positioned in a waterproof housing at the tractor.

### Feedback signal

ext to the power transmission SmartCharge also conducts the feedback signal for display in the driver's cabin conform to DIN EN 1756-1 – in case of truck and trailer there is a signal for both platforms.

## Easy connection by qualified body builders



SmartCharge with fuse directly connected to the tractor's battery terminal.



Battery connection at the trailer similar to the tractor. Cargolift's feedback signal is realized by a crimp connection.



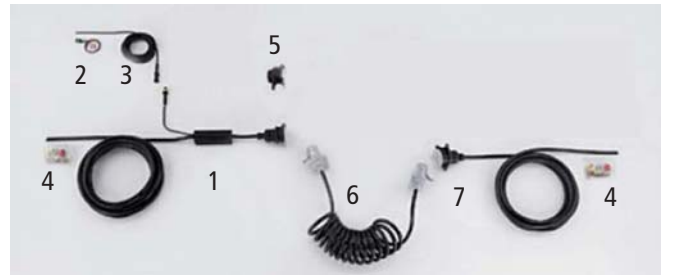
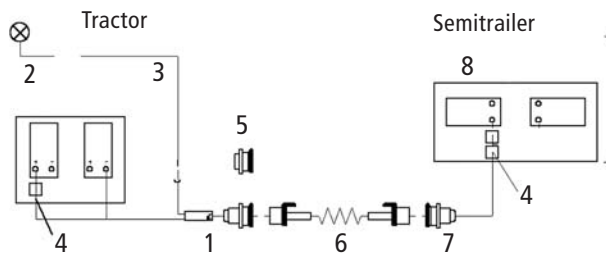
Easy connection at the Cargolift by the electrical interface. There is no further electrical installation at the frame or the driver's cabin.



Trucks with an electrical preparation following VDHH with a prefitted display light in the driver's cabin.

### Electrical preparation following VDHH

Truck manufacturer	Code A
Mercedes-Benz	EV3 (Sprinter)
	E33 (Atego/Axor)
	EH9 (Actros neu)
	EH9/POL (Atego 967)
MAN	320 EC
DAF	SELCO 2597
Scania	03775A
Volvo	PMR 10-3130
Iveco	75182
Volkswagen	554



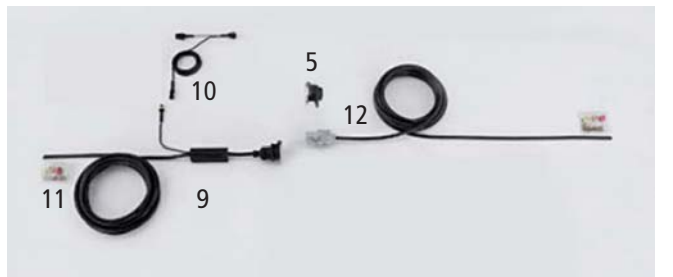
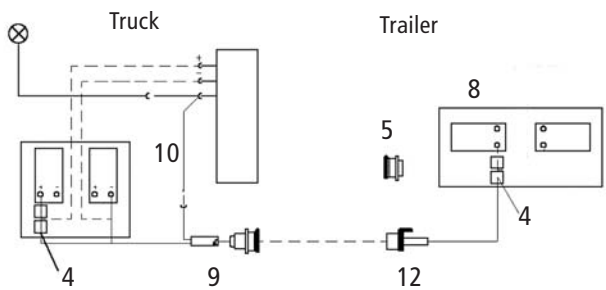
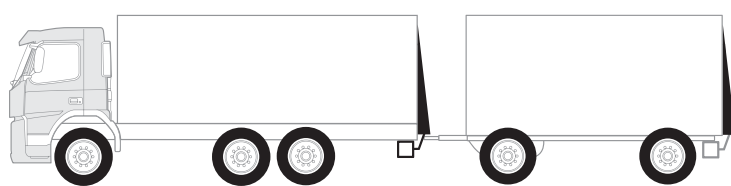
Kit SmartCharge semitrailer (Mat. no. 200001195), including:

- 1 SmartCharge tractor (Mat. no. 200001711)
- 2 Feedback light (Mat. no. 101123009)
- 3 Feedback cable (Mat. no. 101127042)
- 4 Main feed fuse (Mat. no. 101126337)
- 5 Parking socket (Mat. no. 101131522)

In addition you need:

- 6 Spiral cable SmartCharge (Mat. no. 101138254)
- Spiral cable SmartCharge – CEKON (Mat. no. 200003253)
- 7 SmartCharge semitrailer (Mat. no. 101127961, incl. 5)
- 8 BatteryBox (Mat. no. 101130332)

Fitment with truck and trailer



Kit SmartCharge truck (Mat. no. 200002689), including:

- 9 SmartCharge truck (Mat. no. 200001710)
- 10 Feedback cable (Mat. no. 101127036)
- 11 Main feed fuse (Mat. no. 200002648)

In addition you need:

- 12 Kit SmartCharge trailer 12 m (Mat. no. 101127960)
- Kit SmartCharge trailer 15 m (Mat. no. 101132255)
- each incl. 4 main feed fuse and 5 parking socket
- 8 BatteryBox (Mat. no. 101130332)



Bär BatteryBox

Thanks to the compact dimensions and divers fitment possibilities the Bär BatteryBox easily finds a place at the vehicle rear. For maintenance or battery exchange (max. 2 x 225 Ah) it can be pulled out. By this it is easily accessible.

For Cargolifts belonging to the product group Standard S4 a battery case fitted on the underrun bar is also possible.