

## MANUAL STEERING

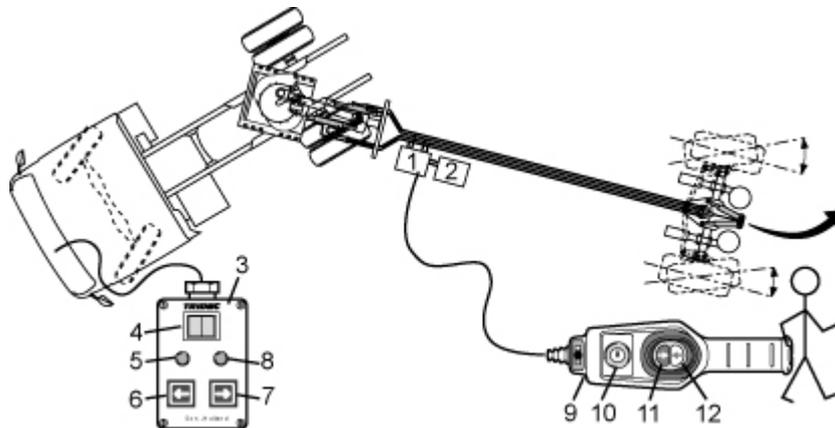
### Driving with a steered trailer

When driving on the road, the steering system of the trailer is operated by the movements of the fifth wheel on the truck. Remember that during cornering the behaviour of a steered trailer differs from that of a non-steered trailer.

### Manual steering (during shunting)



**When the vehicle is stationary, the manual steering may not be used while the brake is applied and/or the vehicle is loaded!**



1 Control box

2 Power pack

3 Remote control in cab

4 On/off switch

5 Indicator lamp: truck straight ahead

6 Wheels to the left \*)

7 Wheels to the right \*)

8 Indicator lamp: axles straight ahead

9 Remote control assistant

10 Key switch, on/off

11 Wheels to the left \*)

12 Wheels to the right \*)

\*) Turning left/right is dependant on the connection to the changeover valve.



**To operate the manual steering, the truck must supply sufficient electrical voltage (by means of a power cable with a diameter of 70 mm<sup>2</sup> and a FENWICK-type plug).**

To operate the manual steering via the remote control (3) from the cab:

- Set the on/off switch (4) to the on position.
- Use push buttons (6) and (7) to perform manual steering.
- Indicator lamp (5) lights up as soon as the truck is directly in front of the trailer.
- Indicator lamp (8) lights up as soon as the axle line is in the straight-ahead position.
- Indicator lamps (5) and (8) go out as soon as the vehicle speed increases above 20 km/h (dependant on the setting of the ABS, EBS).

If desired, an assistant (9) can operate the remote control. The remote control is located in the control box (1). Use the key switch (10) to switch on the remote control. The wheels can be steered manually, as required, with buttons (11) and (12).

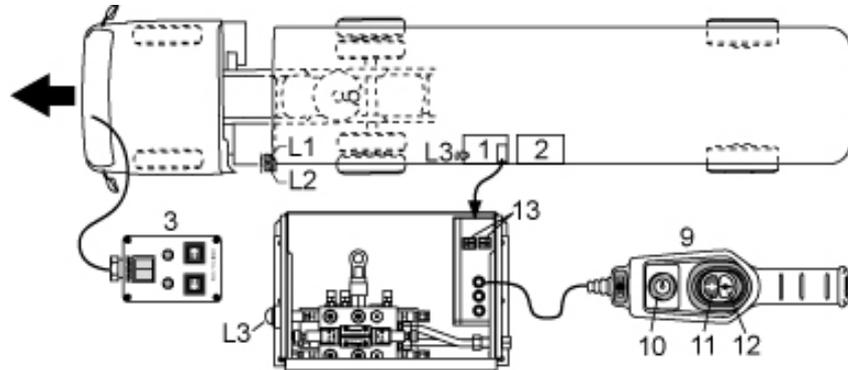


**During shunting, do not ride over the cable for the remote control (9)!**

## Steering the wheels of the trailer to the straight-ahead position



Steer the trailer wheels to the straight-ahead position before driving on public roads

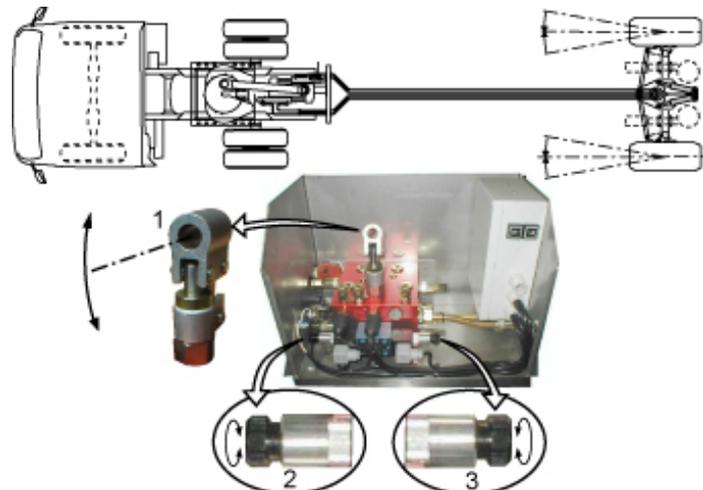


Place the truck in the straight-ahead position in front of the trailer. Indicator lamp (L2) goes on. Continue driving forward slowly and turn the wheels of the trailer using the buttons on the remote control (3), (13) or (9) so that the wheels return to the straight-ahead position. Once the bogie with the wheels is in the straight-ahead position, indicator lamp (L1) will go on. When driving straight-ahead, indicator lamps (L1) and (L2) should be lit.



Switch the voltage off before driving on public roads.

## EMERGENCY CONTROL



If the electronic system should fail, it is still possible to return the wheels of the trailer to the straight-ahead position. Follow these steps:

- Drive the truck directly in front of the trailer.
- Turn the knurled knob (3) of the changeover valve in until it is seated (DO NOT TIGHTEN).
- Insert the pump rod into the eye of the pump (1) and begin to pump. Steer the wheels.
- If the wheels begin to turn in the wrong direction, the knurled knob (3) must first be turned out until it reaches the stop and knurled knob (2) must be turned in until it is seated.
- Continue to pump until the wheels are in the desired driving position.
- Turn knurled knob (2) out until it reaches the stop again, and place the cover on the control box.