



Installation Instructions serving electric braking system Full trailer with fixed weight.

Package Contents;

- 1 piece pre-assembled brake control assembly with brake controller and current controller hereafter referred to as BCU (Brake Control Unit).
- 1 piece EBS cable with plug and socket.

Chapter 1; Where to install the BCU

- Find a suitable location on your trailer where you can confirm the BCU.
- Install the BCU in such a place that it is always easily accessible.
- Install the BCU in the correct direction as indicated on the brake controller.
Make sure that the brake controller is always mounted in the direction of travel !

Chapter 2; EBS cable assembly .

- EBS cable with plug and socket make desired length, the part with the power comes directly from the BCU and the outlet is on schedule which can be found in Chapter 2 of this manual is installed.
- EBS cable schedule that belonged to your type of braking system connected to the connector strip in the BCU. You find the right diagrams in Chapter 2 of this manual.

Chapter 1;

- Find a suitable place on the trailer for mounting the BCU, remember that the brake controller that is mounted in the BCU should always be mounted in the direction of travel of the vehicle combination. The accessibility of the system is important, as the braking system must be programmed after installation and there is always a possibility that maintenance should be committed.
- Make sure that in the placement of the brake system, it must be placed between the coupling device and the axles of the trailer, and always in the direction of travel of the vehicle combination.

nearby you can see how a brake system is mounted in the front of the trailer.



Chapter 2;

Assembling the EBS cable.

In order to ensure the functioning of the braking system in combination with the towing vehicle the wiring of the EBS Cable must be connected according following diagrams that are attached.

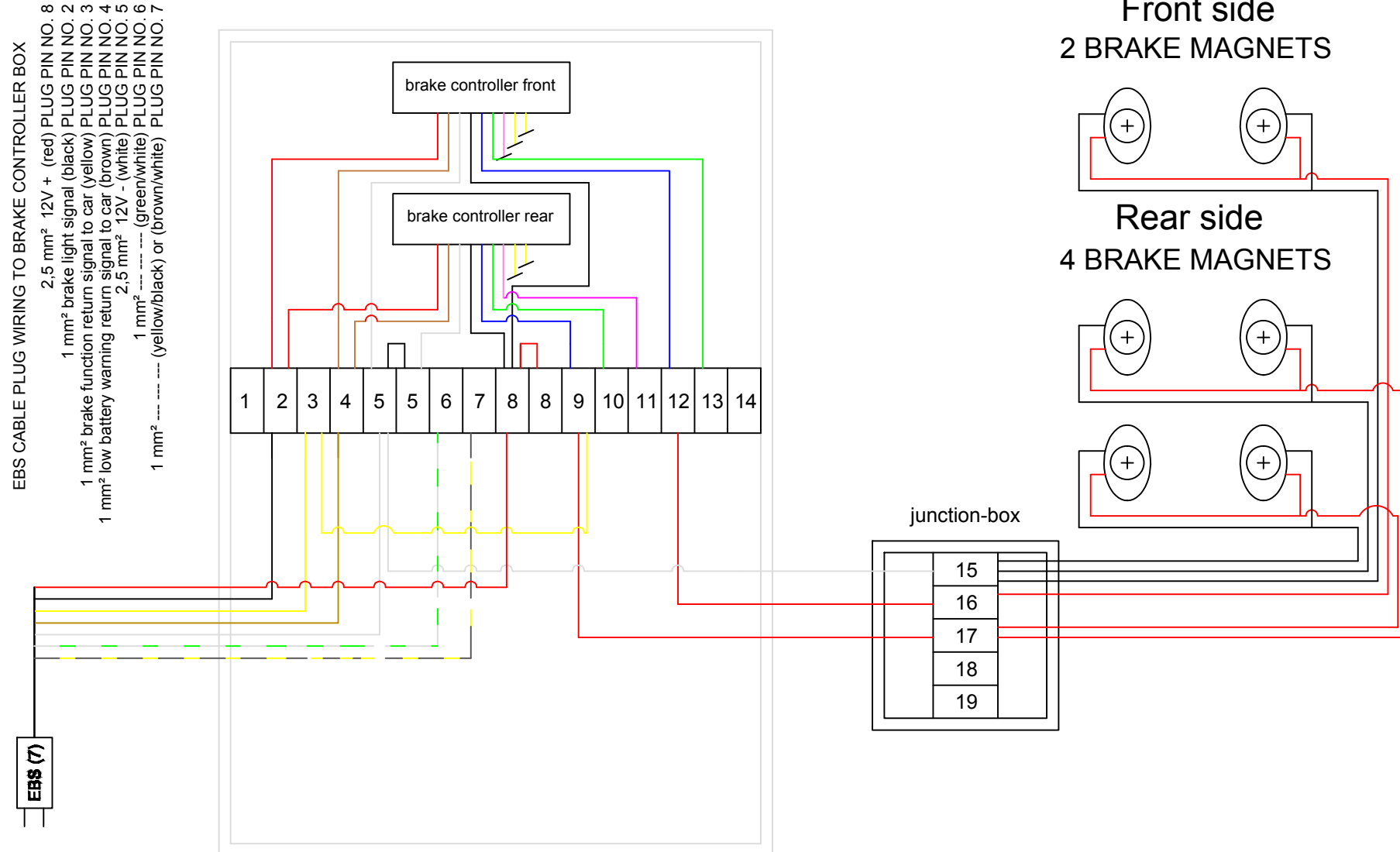
The entire braking system shall be secured with an automatic fuse 40A. It is mounted directly behind the battery of the tractor vehicle.



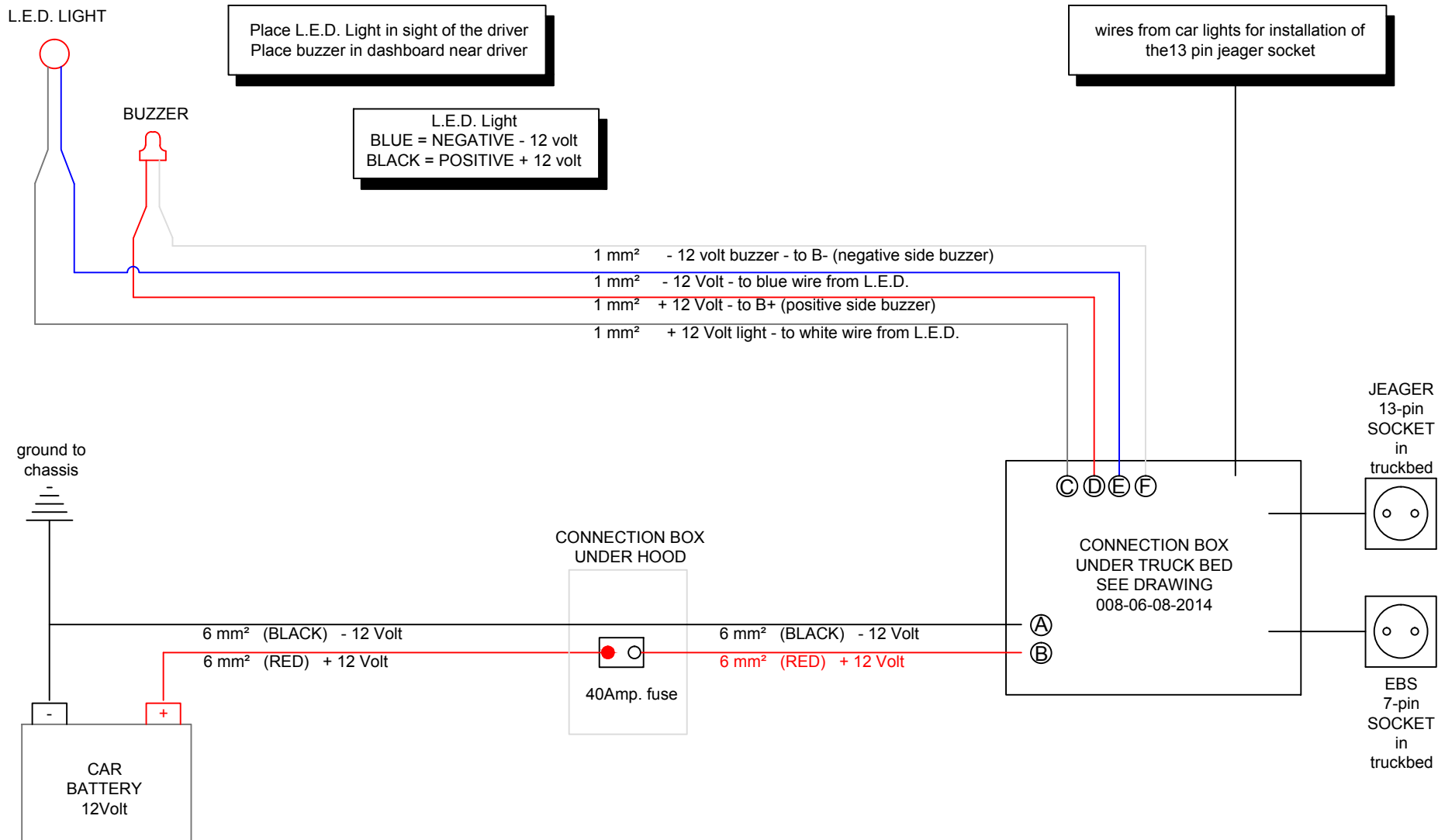
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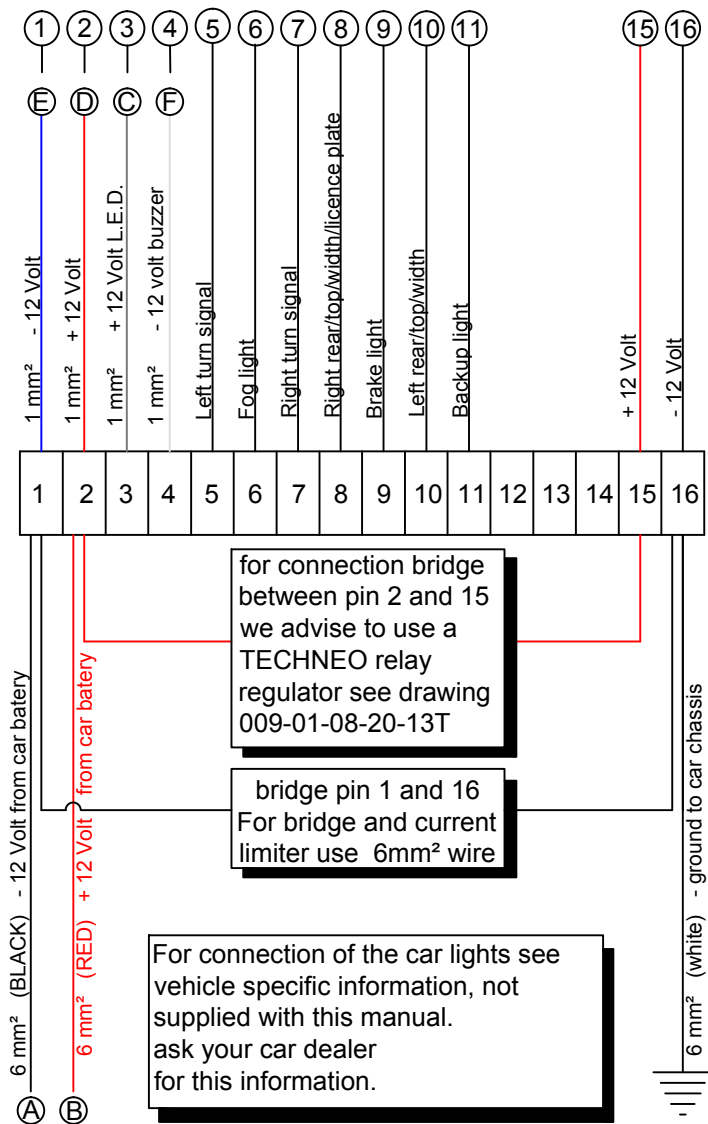
SCHEME ELECTRIC BRAKE SYSTEM FULL TRAILER 3 AXLE WITH ELECTRIC BRAKES WITH FIXED WEIGHT.



ELECTRIC WIRING SCHEME CAR



ELECTRIC WIRING SCHEME CAR CONNECTION BOX 7-PIN EBS SOCKET AND 13-PIN JEAGER no car battery protection



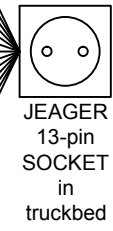
PIN NO. in plug receptable and wire colors

②	NO.1	2,5mm ² 12volt + (from battery)	RED
⑨	NO.2	1 mm ² brakelight signal	BLACK
③	NO.3	1 mm ² brake function return signal	YELLOW
④	NO.4	1 mm ² low battery return signal	BROWN
①	NO.5	2,5mm ² 12volt B- (negative ground)	WHITE
ⓧ	NO.6	1 mm ² not in use	GREEN/WHITE
ⓧ	NO.7	1 mm ² not in use	BROWN/WHITE OR YELLOW/BLACK



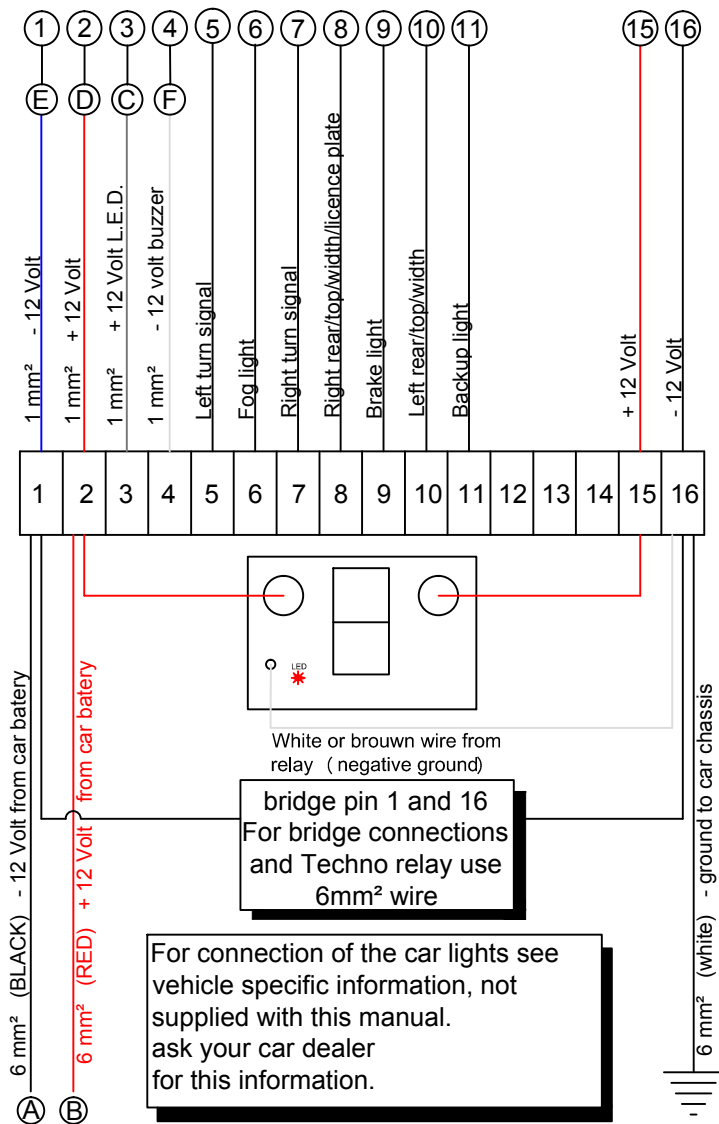
PIN NO. in plug receptable and wire colors

⑤	NO.1	Left turn signal	
⑥	NO.2	Fog light	
⑯	NO.3	B- (negative ground)	
⑦	NO.4	Right turn signal	
⑧	NO.5	Right rear/top/width/licence plate	
⑨	NO.6	Brake light	
⑩	NO.7	Left rear/top/width	
⑪	NO.8	Backup light	
⑮	NO.9	B+ (12 V from car battery)	max. 15 amp.
⑮	NO.10	B+ (12 V from car battery)	max. 15 amp.
⑯	NO.11	B- (negative ground)	
ⓧ	NO.12	not in use	
⑯	NO.13	B- (negative ground)	



For connection of the car lights see vehicle specific information, not supplied with this manual. ask your car dealer for this information.

ELECTRIC WIRING SCHEME CAR CONNECTION BOX 7-PIN EBS SOCKET AND 13-PIN JEAGER with car battery protection (optional)



PIN NO. in plug receptable and wire colors

②	NO.1	2,5mm² 12volt + (from battery)	RED
⑨	NO.2	1 mm² brakelight signal	BLACK
③	NO.3	1 mm² brake function return signal	YELLOW
④	NO.4	1 mm² low battery return signal	BROWN
①	NO.5	2,5mm² 12volt B- (negative ground)	WHITE
ⓧ	NO.6	1 mm² not in use	GREEN/WHITE
ⓧ	NO.7	1 mm² not in use	BROWN/WHITE OR YELLOW/BLACK



PIN NO. in plug receptable and wire colors

⑤	NO.1	Left turn signal	
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