

TECHNICAL INFORMATION



A compact standalone unit used to extend the ISO 11992 CAN Bus.

Benefits

- › Easy, logical vehicle installation
- › Auto configuration installation
- › Uses available EBS cables

EB+ CAN Hub

EB+ CAN Hub

The EB+ CAN HUB is an ISO 11992 repeater / router for 12 / 24V EB+ EBS. It has three EB+ Power A (ISO 7638) connectors, sharing power and lamp connections but with each having a separate ISO 11992 node. There is also one input to connect an external pressure sensor for a commercial vehicle not equipped with ISO 11992 (i.e. Truck with ABS system only).



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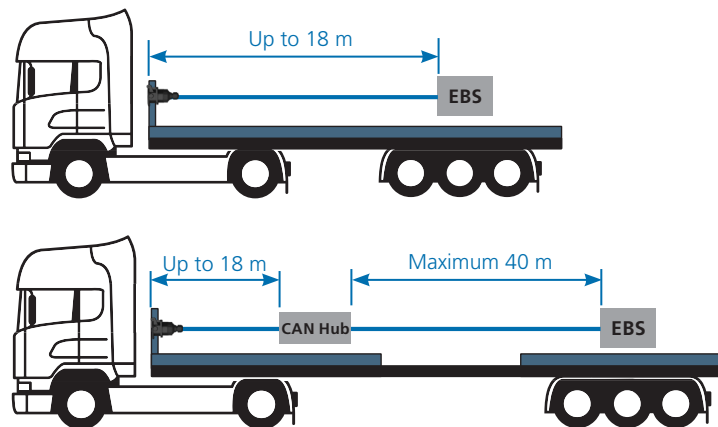
Design and Function

Installation: refer to customer drawing 815 057 000 2

Repeater mode

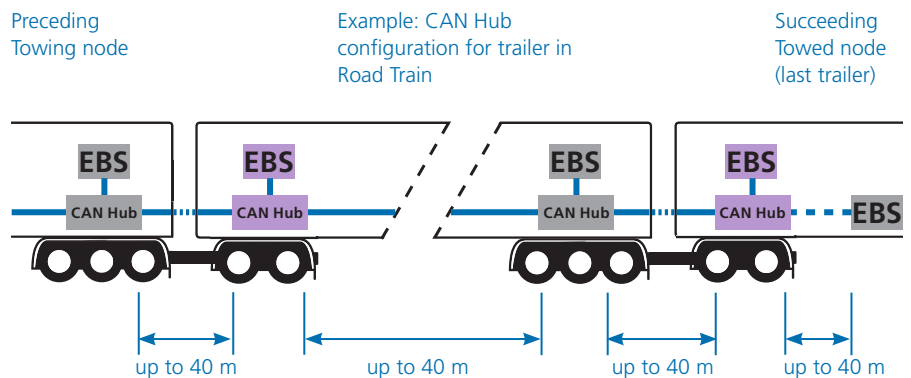
The EB+ CAN Hub in repeater mode is used to extend the ISO 11992 CAN Bus which is limited to 40 meters, where 22 meters is allocated for the truck (towing vehicle + Suzie connection) and a maximum of 18 meters for the trailer (towed vehicle).

EB+ CAN Hub usage on an overlength trailer example:



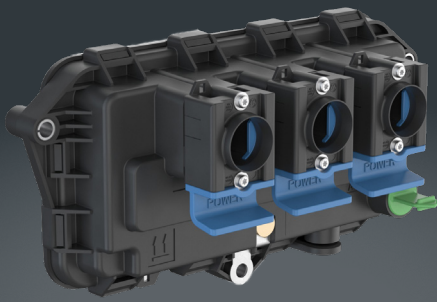
Router mode

The EB+ CAN hub in router mode controls the transmission of the signals between the EB+ EBS of the preceding and succeeding vehicles within the road train.



Key:

- EBS** EBS fitted on a trailer
- CAN Hub** CAN Hub fitted on a trailer
- EBS** EBS fitted on a Dolly / Centre axle trailer
- CAN Hub** CAN Hub fitted on a Dolly / Centre axle trailer



EB+ CAN Hub

Software

The EB+ CAN Hub will only work with EB+ Gen3 that has E741 software level and onwards installed.

The EB+ CAN Hub is configured using DIAG+ V6.20 onwards software. The DIAG+ software can be downloaded from the Trailer Application Guide section of the Haldex website. The DIAG+ Operators Guide (006 300 019) can be downloaded from the Findex section of the Haldex website.

Part numbers

EB+ CAN Hub	815 057 001
Pressure switch	815 022 001
Cables:	
ISO 7638 Socket	814 003 1xx
ISO 7638 Plug	814 004 1xx
Pwr A to Pwr A	814 042 0xx
Pressure switch	814 001 5xx

Refer to the EB+ CAN Hub installation guide 006 300 049 for a full list of part numbers. This guide can be downloaded from the Findex section of the Haldex website www.haldex.com

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