

TRAILER EBS E (TEBS E) MODULATOR MOUNTING



To ensure the correct operation of a TEBS E system that is being fitted to a trailer you must make sure that the modulator is fitted / mounted correctly. The incorrect mounting of the modulator could reduce the reliability of the system, incorrectly mounting a modulator could both seriously effect the operation, & decrease the life span of the system.

A SAMPLE OF THE MOUNTING DETAILS ARE AS FOLLOWS:

Mount the modulator on a sufficiently sized U-section, angle section, or a suitable reinforced member that is at least 4 mm thick (applies to steel sections).

The height of the mount must be greater than the flange-surface of the modulator so that the flange makes full contact with the mount.

Washers or spring lock washers are only permitted directly under the nut. The tightening torque of the nuts is 85 Nm.

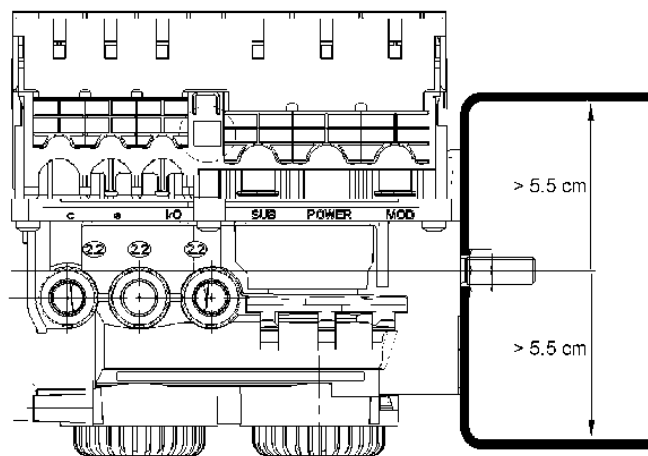
All the details of the systems capabilities and the fitting / installation instructions etc can be found in the [TEBS E Versions E0 To E4 System Description](#) manual, this extract above can be found on Page 146 & Page 147.

The [System Description for TEBS E](#) can be downloaded from the WABCO website under publication number 815 010 093 3 in the product number search box , the web address is as follows:

<http://inform.wabco-auto.com/intl/en/index.html>

Alternatively you can access the [System Description](#) from the [WABCO TEBS E software](#), this is done by clicking on 'Help' at the top of the [TEBS E software](#), followed by 'System Help'

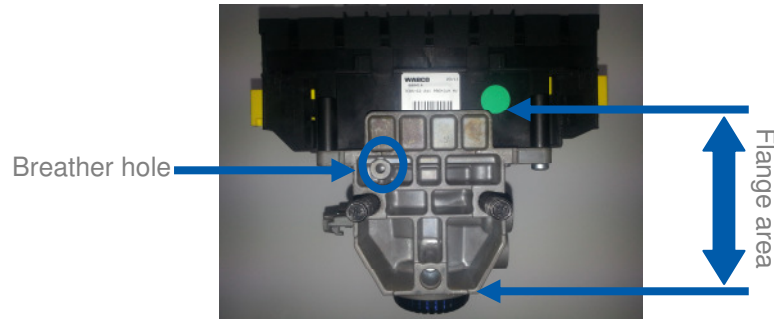
Fastening on cross member image



TRAILER EBS E (TEBS E) MODULATOR MOUNTING (CONT)



Image of modulator flange surface with breather hole identified



It is critical that the full flange surface of the modulator is covered (drawing on bottom of page 1), as per the mounting instructions to ensure that the breather hole is protected.

AVOID ELECTROSTATIC CHARGE AND UNCONTROLLED DISCHARGE

It is possible for a TEBS modulator to be damaged through electrostatic charge and uncontrolled discharge (ESD) when being fitted to a trailer.

To help avoid ESD damage you must make sure that the resistance between metallic parts of the components / modulator to the vehicle frame is lower than 10 Ohms.

Further details with regard to ESD can be found in the [TEBS E Versions E0 To E4 System Description](#) manual on pages 10 & 11.

Also included on pages 10 & 11 is information / instructions to be followed during repair and welding work on the vehicle as well as a special note about using prefabricated TEBS modulator supports / mountings.

