VEI
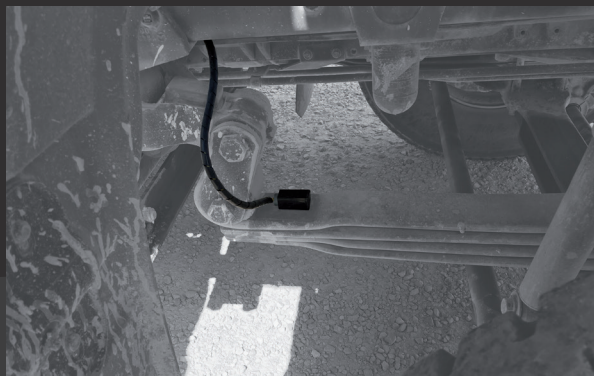
trueload

truck overload prevention

trueload

DEVICE DISPLAYING AXLES WEIGHT INSTALLED ON BOARD

The Trueload truck onboard weighing device is perfectly positioned in the cab in the car radio slot to give you the best view of its display. You will be able to see in real time the weight of each axle, the total transported and the net weight. You will be able to set alarm thresholds, so when the weights reach them you will be warned.

FLEXION MEASUREMENT SENSOR FOR MECHANICAL SUSPENSION

This very small sensor is installed on the mechanical suspension by means of a special glue and allows to convert the suspension flexion, due to the applied load, into weight. Its non-invasive application and without moving parts to add or weld to the vehicle is unique in the industry.
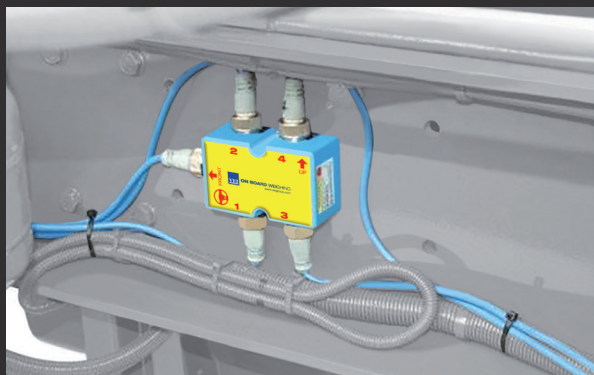

PRESSURE MEASUREMENT SENSOR FOR AIRBAG SUSPENSION

This pressure sensor is installed, through a special fitting, on the pipes that carry the air on each group of suspensions measuring the pressure variations due to the load.
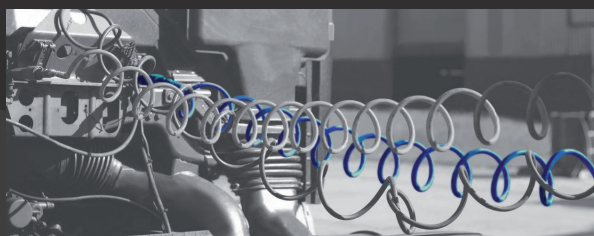

CANBUS LINK BOX FOR SENSORS CONNECTION

The CANBUS LINK box allows the connection of the sensors and their identification. In this way it is possible to hook different trailers to the truck ensuring that the instrument on board recognizes it to display its number of axles and the weight on them.

HEAVY DUTY CONNECTION CABLE BETWEEN TRUCK AND TRAILER

The connection cable between the truck and the trailer is of the extendable spiral type, very robust and with a quick release connector. It ensures a secure connection and at any time for data exchange between the trailer and the on-board weighing instrument without any type of latency, an important factor for the weight in real time.

specifications — trueload

power supply	24Vdc
sensors/junction boxes working temperature	-40÷+80°C / -40÷+120°C
shocks	40G
device/sensors protection	IP54/IP69
size	180x50 DIN radio slot
display	graphic B&W
measurement error	2,5%
legal for trade	no

data management — trueload

net weight	yes
gross weight	yes
tare weight	yes
axles weight	yes
grand total weight	no
weight hold	no
maximum capacity alarm	yes
target weighing	no
cloud connection	no
loading file download (.csv)	no