

NEW PRODUCT HIGHLIGHT | NOV2024



febi 194646

To Fit:
Scania P-, G-, R-, T- Series



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AdBlue® Level Sensor

Function

This AdBlue® level sensor unit is installed in the vehicle's AdBlue® tank and provides information about the current fill level to the engine control unit.

To provide the necessary data to the engine control unit a magnetic float triggers a series of reed switches within a sealed vertical tube, generating a resistance with an ohmic value that increases or decreases with the fill level and the resulting position of the magnetic float.

The engine control unit records this resistance as a signal and processes it to, for example, indicate the correct amount of AdBlue® to the driver or to calculate the remaining range of the vehicle.

Cause of failure

Problems with the electrical connection, damaged wiring, or defective electronic components such as the reed switches can all be reasons for the unit becoming defective. Any of these issues can result in the sensor sending an inaccurate signal - or no signal at all - to the engine control unit which in turn will cause a warning message to appear.

In this case the engine will switch to 'Emergency Program' mode resulting in significant loss of engine power. The fault must be repaired or the faulty AdBlue® tank sensor must be replaced to be able to continue driving.

For more technical information please visit: partsfinder.bilsteingroup.com