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Subject: Level Sensor Float Switch – For Satacen 3[®] tanks

With all Eminox FBC after treatment devices you will have a Satacen 3[®] additive tank which is fitted with a **Level Sensor Float Switch**. This is connected to the ECU (Electronic Control Unit) and is then connected to the dash light/indicator.

The dash indicator reports the system status to the driver/operator of the vehicle. At ignition ON the lamp shows a one second lamp test. If any alarm is sensed the lamp will stay on. The controller then identifies the alarm type by a sequence of blinks (LED turned off momentarily) cycling every eight seconds around each tripped alarm should there be more than one. Fault codes are as follows –

Dash lamp signal	Fault description	Action
Ignition ON Lamp ON for 1 second	System check OK	None - This is normal
Ignition ON Lamp fails to blink	System check error	**Consult fault finding chart in FBC manual**
Lamp ON followed by any of the following sequences		
5 Blinks	High back pressure alarm	**Consult fault finding chart in FBC manual**
4 Blinks	Low additive level alarm	Top up with Satacan 3 [®] only
3 Blinks	Pump circuit failure	**Consult fault finding chart in FBC manual**
2 Blinks	No pressure alarm	Check integrity of the BP hose and clean
1 Blink	Ash alarm	Filter requires cleaning - Call for service

When the additive is allowed to run low the dash light/indicator will flicker until the level sensor float switch is fully open. To avoid this check level of additive as part of the daily vehicle checks and top additive up as required. To find "Fault Finding Chart" click this link below –

<http://www.eminox.com/downloads/Eminox%20FBC%20Manual.pdf>

Reference – 11.1 page 16