

Eminox - Electronic Service Indicator

For Eminox Filter Systems



Eminox CRT® and SCRT® emissions systems rely on diesel particulate filters to maintain their particulate matter reducing capability. These filters need to be cleaned periodically to remove any build up of ash and particulate matter.

The Eminox Electronic Service Indicator (ESI) allows customers to monitor the performance of their system to avoid expensive filter damage. By measuring and recording changes in back pressure, the ESI alerts a vehicle operator when their filter needs cleaning.

The two key elements of the ESI are a back pressure sensor and a microprocessor. Both sensor and microprocessor are housed in durable, automotive-standard plastic casings and are designed to be mounted in the engine bay. The compact sensor connects via a heat-resistant flexible tube to the system's inlet.

The sensor measures and sends back pressure readings to the processor which incorporates a series of three warning lights and a digital display.

Green Light 	Registers that the unit is on and back pressure levels are normal
Amber Light 	The back pressure has risen to a level above normal
Red Light 	The back pressure has reached a level where the system's filter requires immediate servicing

The ESI, combined with the unique Xpurge® filter cleaning technology we use, is a cost-effective and efficient way for operators to safeguard their investment and ensure they meet their environmental targets. Monitoring a system's performance and filter condition using ESI is quicker, cheaper and less disruptive than comparable systems and can be carried out as part of a driver's daily checks.



We recommend that an ESI is fitted with all CRT and SCRT systems. Systems fitted without an ESI can be upgraded to add this valuable system protection.



Checking and acting on ESI warnings is a convenient way to protect the valuable filter component of your emission system. Failure to service the filter can lead to permanent filter damage.

Features and Benefits

- ESI continually monitors the system to detect increases in back pressure
- Traffic light system and digital display alerts when the filter needs cleaning
- Efficient and cost effective way to safeguard filter system investment
- Robust with key elements housed in durable automotive-standard plastic casings
- A data logging facility enables users to download back pressure information to identify trends in their vehicles' performance

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002.08.13
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