

Black smoke limitation package

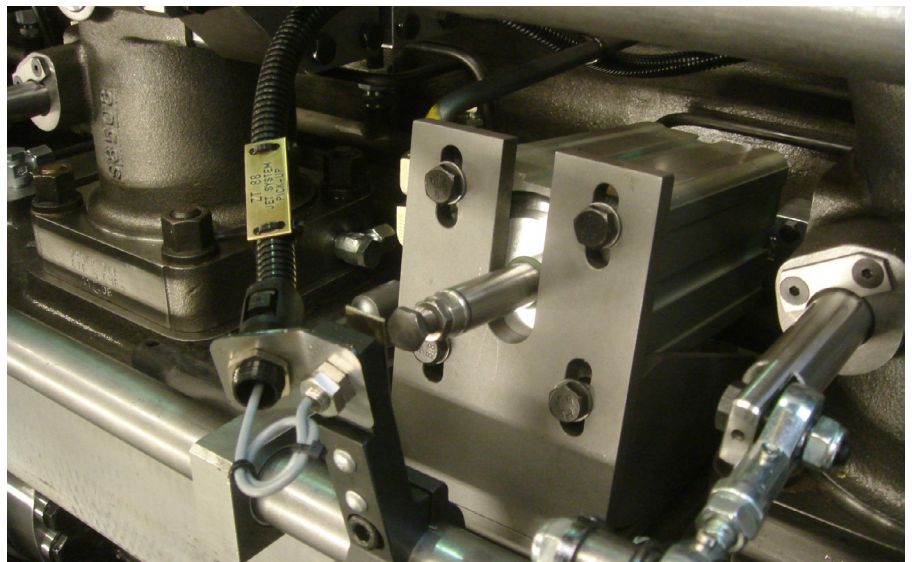
MAN PrimeServ

For engines with a mechanical governor configuration, MAN Energy Solutions has developed a solution for fuel index limitation to reduce black smoke. The solution will limit the fuel index during start-up and sudden load changes, thereby ensuring a balanced combustion and limiting the creation of black smoke.

The Black smoke limitation package consists of a fuel index limiter, a Lambda controller, and pipes and valves for the Jet-Assist. The charge air controls the Lambda controller, and as long as the charge air pressure is relatively low, the Lambda controller will decrease the fuel rack index and activate the Jet-Assist system.

The Jet-Assist system will apply compressed air to the compressor side of the turbocharger, and hereby accelerate the rotor and charge air pressure within a very short period.

A MAN Energy Solutions superintendent with expert knowledge is needed to install the Black smoke limitation package. If you have any maintenance planned in the near future, it would be beneficial to order the Black smoke limitation package and have the superintendent install it while already on board.



Black smoke limitation package

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Key benefits

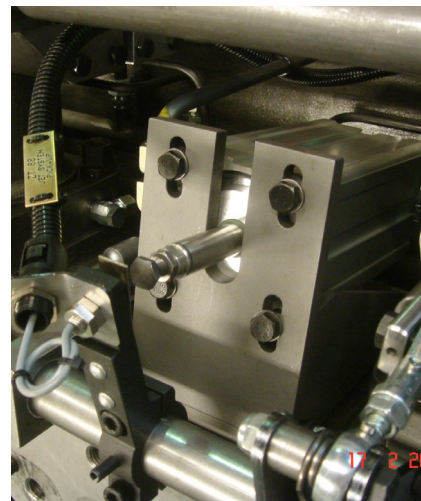
- Order now, install when convenient
- Reduction of visible smoke during starting procedure
- Reduction of visible smoke in case of sudden load changes
- Less fouling of engine and exhaust gas system

Scope of supply

- Fitting of Lambda controller
- Fitting of start fuel limiter
- Fitting of parts required for Jet-Assist system
- Installation of electrical connection
- Adjustment of Lambda controller

Applicability

- Applicable for the MAN L21/31 and L27/38 engine types equipped with mechanical governors



Retrofit & Upgrades

PrimeServ Retrofit, Denmark
RetrofitDK@man-es.com

More information

Would you like to know more about the product, and how the upgrade can improve your specific engine? Then do not hesitate to contact your local MAN PrimeServ office to receive more information about the upgrade!

MAN Energy Solutions

MAN PrimeServ Niels Juels Vej 15
9900 Frederikshavn, Denmark
P + 45 96 20 41 00
RetrofitDK@man-es.com
www.man-es.com/primerserv

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