HJS Service Display Module
NON-ROAD
User's Manual

HJS

HJS
System

HJS
Emission Technology

HJS

HJS Service Display Module

Indicator lamp signals

The HJS Service Display Module displays information about the DEF (diesel exhaust fluid) tank level as well as error messages. The table below provides an overview of the displays possible:

Indicator lamp lit constantly

Indicator lamp flashes

Indicator lamps/LCD:	Meaning
HJS System	System is operating trouble-free. Sufficient DEF in tank.
(blue lamp lit)	On reserve – top up DEF!
(blue lamp flashing)	DEF tank empty! SCR not operating! Top up DEF! DEF tank frozen! SCR not operating!
(yellow lamp flashing)	Serious error with the SCR system. Visit a workshop!
(red lamp lit)	Error with the diesel particulate filter. Filter service!
(red lamp flashing)	Serious error with the diesel particulate filter. Immediately visit a workshop!

HJS Service Display Module

General information

The HJS Service Display Module displays all system-relevant information. Current values, potential errors and other display functions are indicated by means of the two warning indicator lamps Blue **1**, Red **2**, Yellow **3** and the LCD **4**. The three navigation buttons **5**, **6** and **7** can be used to switch between different display functions and options.

Version display

When the ignition is switched on, the version number of the current system configuration is displayed. Always state the configuration number whenever you contact us with any questions about the display.

Default display

The default display on the LCD reads "HJS System". The indicator lamps are off.

Language selection

Press the left navigation button to switch from the default display to language selection mode. You can choose between German and English.

Error messages

IYou switch from the default display to the error menu by pressing the middle navigation button once and then pressing the right navigation button twice.

Press the middle navigation button again to open the error menu (error DM1). This menu contains up to 6 error messages. The first line indicates the respective number of the error. The second line displays the corresponding SPN (Suspect Parameter Number) and indicates the suspected source of the error by means of a number. When the system is operating trouble-free, the SPN reads 000000.

You can scroll through the various errors code numbers displayed in the SPN display level by pressing the right and left navigation buttons.

In addition to the SPN, the FMI (Failure Mode Identifier) is used to specify the cause of the error in more detail.
To view the FMI, please wait 5 seconds while in the SPN display of the error selected. The LCD will then display the corresponding FMI. The OC (Occurrence Counter) is also displayed in this view. Provided the ServiceCheck system has not identified an error, the FMI and OC will both indicate zero.

It is also possible to display a corresponding error text (plain text) for the combination of SPN and FMI. To do this, press the middle navigation button while in the SPN display of the error selected. The corresponding error text is displayed as scrolling text. "No error" is displayed when the system is operating trouble-free.

HJS Service display

Example: Error message display

The following describes an error case and the corresponding error messages.

One error is present: the SPN of the error is 3031, the FMI is 12 and the error has occurred once. The corresponding error text is "Urea dosing system - temperature signal: internal error".

Whenever you contact us due to an error, please always state the SPN and corresponding FMI.

Notes

Put your trust in HJS's SCR® and SCRT® systems and benefit from our many years of experience in the business.

✔ Minimal downtimes

✔ Extremely low-maintenance

✔ Low servicing costs

✔ Active protection of health and the environment

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