



Mack Chassis - DTC P1000 - 00 Active On Diagnostic Trouble Code (DTC) Readout/Report, No Description or Diagnostic Information



> Internal Content

This is a nuisance code. In Tech Tool, open operation 2589-08-03-05 and run the dosing test to exit inducement. After the operation concludes, verify P1000-00 has cleared. It may be necessary to run the operation multiple times.



Tags

[p100000](#)

[us14](#)

[k51117312](#)

[p1000-00](#)

[mack](#)

Related links and attachments

No links or attachments available



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SCR System, Test

The purpose of this operation is to check the status of inputs and outputs that are related to the selective catalytic reduction (SCR) system.

The SCR system is an exhaust emissions reduction system that further processes exhaust gases after they leave the diesel particulate filter (DPF). The SCR system uses diesel exhaust fluid (DEF) and a catalyst in order to reduce the amount of nitrogen oxides (NOx) in the exhaust.

Dosing System Signals

- ☐ % - DEF Pump Drive Percentage
- ☐ % - DEF Dosing Valve Percentage
- ☐ psi - DEF Dosing Pressure
- ☐ °F - DEF Tank Temperature
- ☐ inch - DEF Tank Level
- ☒ DEF Tank Heating Valve Status
- ☒ DEF Return Valve Status

SCR Dosing Test 3
(1130 seconds: 240m)SCR Dosing Test (For
Dosing Detail)

Conditions

- ☒ Parking Brake Status
- ☒ Warm-Hold Status
- ☒ PTO Status
- ☐ °F - Ambient Air Temperature
- ☐ °F - DPF Outlet Temperature
- ☐ °F - Engine Coolant Temperature

SCR Dosing Test 1 (2
seconds: 0.00m)SCR Dosing Test 2
(130 seconds: 0.00m)ACM Learned Data
Data

Data

SCR System Status

- ☐ DEF Line Heater State
- ☐ % - Line Heater 1 (Output 1)
- ☐ % - Line Heater 1 (Output 2)
- ☐ % - Line Heater 3

Frozen Cycle Counter

DEF Lines, Electrical

DEF Lines, Electrical

DEF Lines, Electrical

DEF Lines, Electrical

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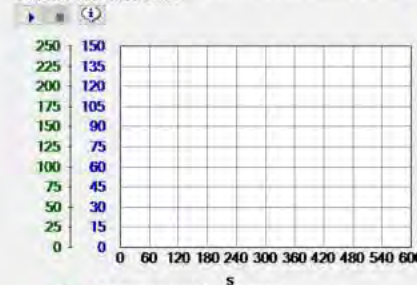
DEF Lines, Electrical

DEF Lines, Electrical

DEF Lines, Electrical

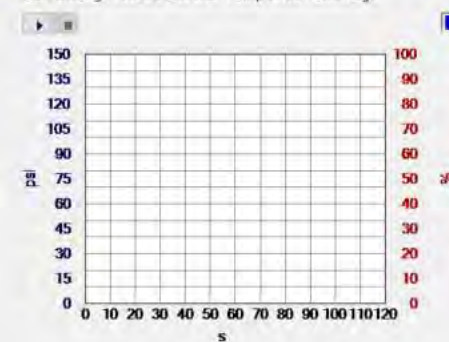
DEF Lines, Electrical

DEF Lines, Electrical

Engine Coolant Temperature, DEF Tank Temperature and DEF
Tank Heating Valve Status

- ☒ Engine Coolant Temperature (°F)
- ☒ DEF Tank Temperature (°F)
- ☒ DEF Tank Heating Valve Status

DEF Dosing Pressure and DEF Pump Drive Percentage



Simulator

Exit