



Solution

Title (customer effect) ** Tech Tip ** TT - 007 - 2015 - Diagnosing The Aftertreatment Control Module DTCs P202D, P208E, P20E8 - **OBD13 (Commonly Model Year 2014); Newer Chassis AFTER Reviewing Other Solutions**

Cause Chassis is logging the following fault codes intermittently with a potential No Fault Found using Guided Diagnostics (GD). These may cause illumination of the MIL lamp. P208E and P20E8 may be accompanied by Inducement / P1000. One or more of these faults may be logged together. The causes not covered in GD are bad electrical connections (FCUT) reporting low DEF pressure, or contamination in the system causing actual low pressure.

Solution **This solution should only be used for initial checks for OBD13 chassis. For all newer chassis, this solution should not be followed unless the other solutions pertaining to the correct emission level have been followed first with no fault found.**

For more information refer to ** Tech Tip ** TT - 007 - 2015 - Diagnosing The Aftertreatment Control Module DTCs P202D, P208E, P20E8 - found in the Trucks Dealer Portal under the Service Tab - Tech Support - Tech Support Tips or click [here](#).

Solution visibility **Dealer distribution**

Function(s)/component(s) affected

Function affected Documentation , TT , exhaust , DEF Dosing , DPF , SCR , 1 1 0 EMS , 2 1 0 ACM , Urea control unit , Diagnostic tool

Function Group

Function Group 254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment

Customer effect

Main customer effect diagnostics/methodology , efficiency/abnormal behavior , fault code/display

Fluid problem contamination

Fluid implicated AdBlue

Fault code(s)

OBD 2013 Diagnostic Trouble Codes P1000 , P208E , P20E8

Conditions

Vehicle operating mode when driving , when stationary

Frequency of occurrence of problem always

Administration

Author	A241298
Last modified by	RU4469V
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NA_MACK_Vehicle_Range

NA_MACK_Vehicle_Range Cabover , LR , LEU , MRU , Conventional , CHU , CXU , GU , TD

NA_VOLVO_Vehicle_Range

NA_VOLVO_Vehicle_Range VNX , VNL , VNM , VHD , VAH

Engine family

Engine family 11L Engine , 13L Engine , 16L Engine , MP7 , MP8 , MP10

Emission Standard

Emission Standard US17 GHG , US14 CNG , US16 , US15 , US13 OBD , US14 GHG
