

TO: Service Locations

FROM: Service Operations

SUBJECT: **HDEP Wastegate Solenoid Air Leaks**

ISSUE

DD13 and GHG14 asymmetrical turbo DD15 turbocharger wastegate solenoids are being replaced unnecessarily due to air leaks.

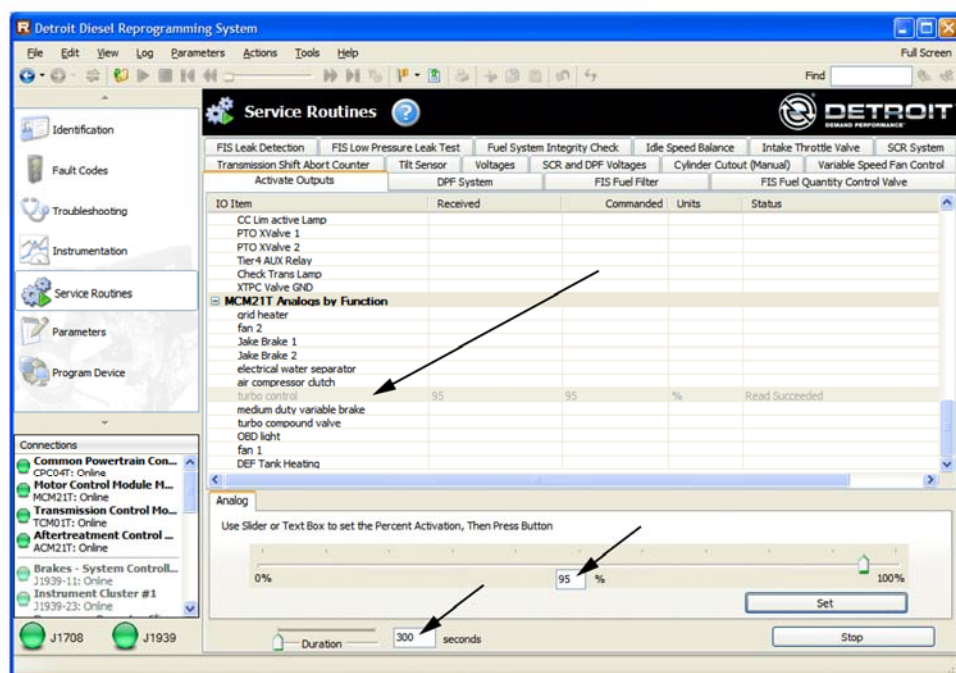
REQUIRED ACTION

The vehicle may have the following complaints:

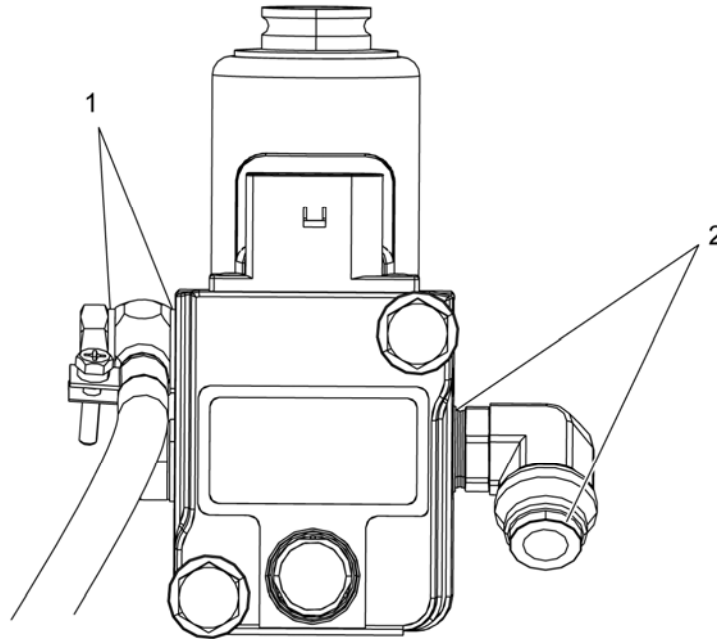
- Check Engine Light (2631/1 Low Air Flow, or 3711/31 Parked Regen Failed – DOC In Temp Preventing Dosing)
- Leaking Air System

Note: The OEM air system must be in proper working order with no air leaks before going any further.

1. If the vehicle has low power or a check engine light ensure the vehicle has adequate air pressure. Connect to DDDL/DDRS and activate the turbo control at 95% for 300 seconds. Do **NOT** exceed 95% or the routine will not work.



2. During the 300 seconds, spray a soapy water mixer on the outlet side (1) of the wastegate solenoid. If there are air leaks, replace the banjo seal washers and re-test.



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3. Spray a soapy water mixer on the air inlet side (2) of the wastegate solenoid. If there is air leaks replace the air inlet elbow and retest.

CONTACT INFORMATION

Please contact the Detroit Diesel Customer Support Center at 800-445-1980 or email csc@daimler.com if you have any questions.