



Regen Fails to Start/Initiate Or Starts And Immediately Stops - US10 And US10+OBD13 Emissions



> Internal Content

US10+6 units have the newer style AHI module and aftertreatment fuel injector rather than the older style injector and strict shut-off valve. If a regen will not start or starts and immediately stops, please see [HERE](#) for values that should be verified through the sensor monitoring operation in Tech Tool. If these values are exceeded, the regen will not complete properly.



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US10+6(Including OBD2013) HDE11 Normal Regen Sensor Values

We are frequently asked to help with conditions that could be blocking catalyzed DPF systems from doing a proper Regeneration. The following values may help in determining a possible root cause.

First, the software level must be current. If Regenerations continue to fail with current software, look at the Sensor readings for clues during the first 15 minutes of an initiated Regeneration.

Torque values exceeds 369 lbs./ft. (500 Nm)

VGT opens beyond 13%

Boost exceeds 12 PSIG

Engine speed varies beyond +/- 10 rpm

Engine load over 20%

If the above readings are met, the turbo has the highest probability of being at fault