

2010 sterling with code 3719/0



[Dennis Reppi](#) 10 posts since Dec 21, 2017

2010 sterling with code 3719/0 Jan 22, 2021 4:31 PM

the vin to the truck is 2FWJA3CK9AAAN4339 and it is a EPA07 series 60. Truck came in the shop with check engine, stop engine and the regen light flashing. Hooked up the laptop and the only code is 3719/0. put the truck outside for a regen and after 20 minutes the regen stopped. made a log file and sent it to freightliner. they told me to check the doc and the dpf filters for face plugging and damage. doc was face plugged and the outlet side of the dpf filter was cracked. replaced both filters and all so replaced the doc inlet and outlet temp sensor. reset the mileage back down to zero. put the truck outside for a regen. regen started good throttle valve was at 88 present closed and the doc inlet was heating up. once the doc inlet got to 500 the throttle valve opened and the doc and the dpf only got to 300. the regen stopped after 20 minutes. to start the regen the water temp had to be above 140. I got the water temp to 150 but the fan runs the whole time of the regen. is that normal?



[Chris Vanboom](#) 185 posts since Nov 21, 2014

Re: 2010 sterling with code 3719/0 Jan 22, 2021 7:42 PM

EPA07 software keeps engine fan on for the duration of the regen. This leads to overcooling in some cases and causes the coolant temp to drop too low and cancel the regen. If the thermostats are sealing well this doesn't usually happen, you may want to check the thermostats for proper operation.



[Scott Trippel](#) 4,057 posts since Dec 13, 2014

Re: 2010 sterling with code 3719/0 Jan 22, 2021 8:47 PM

I will agree with [Chris Vanboom](#)



[Josh Slater](#) 13 posts since Jul 4, 2020

Re: 2010 sterling with code 3719/0 Jan 23, 2021 3:16 PM

Food for thought: Have also seen bad injectors cause regens not to get to temp. Hard to pick up on it, cylinder cut outs and monitor torque. Can cut them out in pairs, 1-6. 3-5, 2-4 and then 1,2,3 and then 4,5,6. comparing torque readings and the odd one out will show you which hole. Normally best to do a 6 pack at that point.

Just food for thought on some issues Ive seen before on a 60.



[Dennis Reppi](#) 10 posts since Dec 21, 2017

Re: 2010 sterling with code 3719/0 Jan 25, 2021 4:44 PM

went through the ATD check list and did not find anything wrong. installed a new ITV and put the truck outside for a regen and same story. I did notice that every time the water temp gets below 136 the ITV opens and kills the regen. maybe there is something wrong with the thermostats.

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[Steve Reppard](#) 155 posts since Jun 29, 2020

Re: 2010 sterling with code 3719/0 Jan 25, 2021 7:21 PM

We have had to pull cac hose off intake to get it to build doc inlet temps due to fan being on all the time in cold ambient temps.



[Dennis Reppi](#) 10 posts since Dec 21, 2017

Re: 2010 sterling with code 3719/0 Jan 26, 2021 1:48 PM

Got it figured out. Had to block off the front of the hood with some cardboard so the water temp would stay above 136. Once I did this the water temp stayed at 160 for the whole regen and the DOC inlet temp got to 530 and was able to start dosing fuel. The truck went through the regen with no issues and the check engine light went out.