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treatment of engine starting difficulty or failure to start and exhaust pipe emitting a large amount of ash and white smoke the engine is difficult to start and the exhaust pipe discharges a large amount of gray smoke which is 3rd gen troubleshooting guide starting this thread to consolidate as much as possible the information given out to those seeking help this will be a work in progress for a bit what i d like to do is group links to threads where the symptoms were shared debugging occurred and a solution was found not found this guide will take you through engine troubleshooting for a cummins diesel engine and create a proper maintenance schedule what can go wrong with cummins diesel engines all mechanical power sources will experience issues regardless of how well you take care of them 1 not getting fuel pressure to the inlet of the regulator make sure the high pressure gauge is showing fuel pressure and make sure manual shutoff valve is open and the tank valves are open 2 the fuel solenoid is not opening when the key is turned on there should be an audible click from the solenoid valve if the valve is not clicking a the cummins engine diagnostic codes manual is a comprehensive guide that provides detailed information on diagnostic codes and troubleshooting procedures for cummins engines this manual serves as an invaluable resource for technicians operators and enthusiasts seeking in depth knowledge on identifying and resolving engine related issues steps specifications srt code step 1 perform basic troubleshooting procedures step 2 determination of engine symptom step 3 no start troubleshooting procedures step 3g 1 check and adjust speed are the sensor s depth position sensor air gap measurements within specification verify the fuel temperature sensor is within specification 1 check for fuel issues one of the most common reasons for generator failure is a fuel related problem follow these steps to troubleshoot fuel issues check fuel level ensure there is enough fuel in the tank to run the generator inspect fuel quality verify that the fuel is clean and not contaminated with water or debris drove home and the white smoke stopped later i cleared the p20e8 code and drove 6 miles and got the dreaded have def system serviced message and the 150 mile countdown so what do jido tory 2023-08-02 1/5 system test answers next to me p20e8 implies low def fluid pressure and a bad def pump 1 jun 3 2019 hey all my ac died right at the end of the summer last year and i m just getting around to fixing it however i don t know where to start with diagnosis i remember reading a pretty solid step by step diagnostic guide to determine if it s the compressor coil tipm etc but can t find it again find copies of some of our most popular rv generator manuals free and downloadable technical documents on quickserve online access quickserve online to get information specific to your cummins engine including your owner s manual the parts catalog for your engine 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troubleshooting and common maintenance cummins clean tech Sep 22 2023 1 not getting fuel pressure to the inlet of the regulator make sure the high pressure gauge is showing fuel pressure and make sure manual shutoff valve is open and the tank valves are open 2 the fuel solenoid is not opening when the key is turned on there should be an audible click from the solenoid valve if the valve is not clicking a

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specifications srt code step 1 perform basic troubleshooting procedures step 2
determination of engine symptom step 3 no start troubleshooting procedures step
3g 1 check and adjust speed are the sensor s depth position sensor air gap

measurements within specification verify the fuel temperature sensor is within specification

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