Bmw eac sensor

Remember Me? Hello, so i needed to replace my radiator due to damage and the n51 was about 8 times more expensive than the regular one so i go that, i took the sensor out of the old radiator and attached it to the new one but now i'm getting a SES light. Based on my research this is because the new radiator is not coated with the magnesium oxide stuff and sensor is throwing a code. Is there anyway to "code" this sensor out of the system or to create a "bypass" or something like that to get rid of the light? What are my choices and can this communication between sensor and ecu be removed or tricked? Appreciate 0. It probably could be tricked, but I am not even aware of what that sensor is for. If somebody knew it's purpose and desired values, then it would be possible to emulate some values and keep everything happy. It can likely be done, it just won't be easy, your going to have to purchase the special radiator to make the SES light go away. The radiator sensor is designed to prevent people like you from replacing it with a standard radiator, next time do some research and don't buy a N51 equipped car if you don't want the headaches. BMW equipped it onto the car to meet its ultra low emissions goals on the N51, the radiator has a coating that cleans ozone as the car is driven and air is passed through it, the sensor does nothing but enforce its installed on the car. In California having the sensor removed will tripped the SES light and will prevent you from passing SMOG check and being able to register your vehicle to drive on public roads. Good luck, you can drive your car as is with the standard N52 radiator installed, there is nothing wrong with it, its just not emissions legal. Enlisted Member. How many miles do you have on your car? My EAC sensor blew out at around 70k miles and I had a dealer replace the entire radiator under warranty. If you have the N51 and bought it in CA, BMW must guarantee your car will pass a state smog test for 15 years or k miles whichever comes first. I'm not sure if the EAC sensor failure would cause a smog fail though. EDIT: Forums are blocking me from uploading the files. Won't be covered, he replaced his because of damage, it didn't fail, not to mention it's already been replaced and the dealer won't touch it now. Im not planning to go to the dealer and i can get my car to pass smog anyway it is. I just wanted to keep my new radiator and get rid of check engine light, although i did buy the correct radiator today i don't want to go through the hassle of taking half my car apart just to change it. Thats why I asked if it can be coded out or tricked someway. Originally Posted by coriolis All times are GMT The time now is PM. User Name. Mark Forums Read. Thread Tools. HELP, trick EAC Sensor in n51 radiator Hello, so i needed to replace my radiator due to damage and the n51 was about 8 times more expensive than the regular one so i go that, i took the sensor out of the old radiator and attached it to the new one but now i'm getting a SES light. Appreciate 0 Tweet. Find More Posts by thomas Find More Posts by index Find More Posts by coriolis Quote: Originally Posted by coriolis14 How many miles do you have on your car? Posting Rules. Remember Me? Brigadier General. Call me a noob or whatever for not searching, but I can't find the search option on my phone. Back to my question, what is this sensor mounted on the passenger side of the radiator on my 09 i? Appreciate 0. Airbag maybe? Second Lieutenant. This is from the Bentley manual and might be what you're talking about. Private First Class. Originally Posted by triger I'm not sure what they are trying to say in the second sentence, but that is how it is written. Originally Posted by jmen I believe it says if you have the wrong radiator installed you get a check engine light. Enlisted Member. Sensor is only in sulev motors. I transfored sensor into a after market radiator in my 08 xi N Because radiator was not manganese oxide coated it would not produce a correct reading and a dtc would set. Just a FYI incase anyone has to change radiators. I got the 2AD8 code today on my N No SES light yet though. If all the sensor is doing is checking if the radiator is coated, does it matter if it malfunctions, since I know I have the right radiator still the original. Can I just clear the code and forget about it? I recently installed the AFE sealed intake. Could that somehow have caused the code? AA tune. Do not touch it or it will cost you! So my plan of ignoring it will not cost me? Does not interfere with how the car runs, but will keep setting codes. On the e46 cars you had to change the radiator to replace the sensor. The radiator coating is part of the total emissions package. As Ozone in the air a prime contributor to smog in the summer passes through the radiator the coating converts it oxygen. Originally Posted by kar All times are GMT The time now is PM. User Name. Mark Forums Read. Thread Tools. What is this sensor mounted on my radiator? Appreciate 0 Tweet. Find More Posts by Spun Crankhub. Find More Posts by mikefl. Quote: N51 engines use a manganese oxide coated radiator that works to reduce ambient air ozone. This radiator uses an EAC Environmental Air Catalyst sensor to check that the special coated radiator if fitted to the car. In the event of failure of the EAC sensor, it can be replaced once. If the EAC sensor fails again, it must always be replaced together with the radiator. The EAC sensor continuously transmits a signal to the engine control module. Find More Posts by triger Quote: Originally Posted by triger This is from the Bentley manual and might be what you're talking about. Find More Posts by jmen Quote: Originally Posted by jmen11 I believe it says if you have the wrong radiator installed you get a

check engine light. Find More Posts by kar Find More Posts by puffer. Find More Posts by David1. Find More Posts by Blackhawk Quote: Originally Posted by kar Sensor is only in sulev motors. Posting Rules. Remember Me? General BMW Discussion. EAC Sensor Malfunction. Results 1 to 15 of Thread Tools Show Printable Version. I have a i. The "Service Engine Soon" light came on. My mechanic told me the issue was the EAC environmental air catalyst sensor on the radiator. As I understand it, the purpose on the sensor is to check that the radiator is a magnesium-coated one, which cuts down ozone emissions. This is the original radiator so the sensor shouldn't be signaling a problem. I want to get my SES light off, but I don't want to replace the entire radiator, which is costly. Any thoughts appreciated, Tony. If you want the light off you have to replace the radiator, no way around it. Thank you, jclausen and Tony; I have learned something new today - never heard of such a thing. I really wish this was a joke -- it sounds like it should be! Can anyone explain to me just how the hell a normal aluminum radiator contributes to ozone emissions, and a magnesium coated one doesn't? Bah, humbug. I need another beer. Wonder if they coated the can in magnesium? Chris Powell Racer and Instructor since, well. Chris, No this isn't a joke. According to the Bentley manual, "N51 engines use a manganese oxide coated radiator that works to reduce ambient air ozone. This radiator uses an EAC Environmental Air Catalyst sensor to check that the special coated radiator if fitted to the car. But I don't think the magnesium coating went bad. I think the sensor just thinks it went bad. I guarantee I would never do anything to degrade my radiator's the magnesium coating. What I'm thinking of now is this: My car was initially purchased in NY. That warranty provides that BMW will replace all "emission-related parts" for 15 years or , miles. I'm planning on trying a second dealer. If that doesn't work, well, let's just day I used to be a lawyer and I have no problem seeking a court's opinion whether and EAC sensor, a device whose only function is to ensure the radiator is not emitting ozone, is an "emission-related part. Go to Hit enter and bookmark the page. Scroll down to radiator to see if the sensor is a separate part. The sensor may be in another section, but try the radiator first. One would have to ask, then, whether the Manganese not magnesium, right? And if so, why doesn't the car in front get the check engine light? If no fault can be found, replace the radiator and code as described below. Attached Images I have an MSV In reality, only switching to the MSV80 DME and whatever other engine differences are present can get rid of the radiator sensor. You can thank CARB for that. I can try to force flash the MSV Oh well, in the name of science. Eh, another thought. It would have to be a X5 3. Any luck with this flash and deleting the function? Originally Posted by Power Join Date Mar Location St. Joseph, Mo. Showed this thread to a customer today that couldn't understand why a car would have a "pollution-reducing" radiator Because California, duh! And then how, 6 weeks later, the failure of the coolant temperature sensor wasn't our fault. On a year-old car with k miles on it. Originally Posted by B4SH. Originally Posted by fcvapor Do you even QT? End of Story. Originally Posted by shadowpuck. Good to know they came thru on the correct warranty info. I researched it pretty thoroughly and came with arguments and paperwork. I was met with skepticism, but they kicked it up a few levels and it was ultimately approved. Replies: 1 Last Post: , AM. Velocity Speed Sensor Malfunction? By clumpymold in forum - M 3 E Replies: 6 Last Post: , PM. Replies: 4 Last Post: , PM. Replies: 1 Last Post: , PM. Replies: 3 Last Post: , AM. Bookmarks Bookmarks Digg del. All times are GMT The time now is PM. All rights reserved. All logos are registered trademarks of their official owners. Digital Point modules: Sphinx-based search. Enter your email address below to be notified when this product is no longer on back order. Your email address will only be used for the notification of this product and deleted afterward. Recover Lost Password. Password must be at least 8 characters. Password must contain a lowercase letter, an uppercase letter, a digit and a special character! Sorry, I don't understand this YouTube link. Video successfully uploaded. Your video will appear once it is approved. Add Another Video. Does NOT Fit. Does Fit. Detects particulates in the air and triggers recirculation as necessary. Often damaged during front end impacts or careless cooling system disassembly. ECS Tuning is not affiliated with any automobile manufacturers. At least one option needs to be selected. There was an error submitting your request, please try again. On Sale. Offered with free shipping. Cancel Submit. Cancel Add. Create Account. Enter your email address below and instructions to reset your password will be emailed to you. Please try again, or Reset Your Password. Email Password Password must be at least 8 characters. Passphrase Zip Code. Add File. YouTube Link Add Video. Air Quality Sensor. Add Document. Air Quality Sensor Located on the radiator shroud. Availability: In Stock. Qty Add To Cart. Add to Wish List. Does this fit my vehicle? All warranties, product application, fitment, and performance are the responsibility of ECS Tuning. For additional information see the terms of use. Mini Fuses [â€¦]. Year of production: Engine compartment fuse box The fuse box is locate in the engine compartment. News Ticker. Electrical Distribution Fuse panel. Serwis wykorzystuje pliki cookies. Ok, rozumiem. AUC sensor up to Front cigar lighter Charging

socket, centre console, rear Luggage compartment socket outlet. Central information display Glove compartment light Luggage compartment light, right. Ignition coil, cylinder 1 Ignition coil, cylinder 2 Ignition coil, cylinder 3 Ignition coil, cylinder 4 Ignition coil, cylinder 5

88gmctruck

ford 350 2008

single dual 2 ohm wiring diagram

Ignition coil, cylinder 6 Interference suppression capacitor for ignition coils. Crankshaft sensor Fuel tank vent valve Oil condition sensor Volume control valve. Crankcase breather heating relay Ignition coil, cylinder 1 Ignition coil, cylinder 2 Ignition coil, cylinder 3 Ignition coil, cylinder 4. Fuel injector, cylinder 1 Fuel injector, cylinder 2 Fuel injector, cylinder 3 Fuel injector, cylinder 4. Oxygen sensor before catalytic converter Oxygen sensor after catalytic converter Oxygen sensor 2 before catalytic converter with 4 oxygen sensor Oxygen sensor 2 after catalytic converter with 4 oxygen sensor. Hot-film air mass meter Fuel tank vent valve Oil level sensor Suction jet pump valve. Boost pressure adjuster 1 Hall-effect sensor, camshaft 1 Rail pressure control valve Volume control valve. Solenoid valve, exhaust gas recirculation Heating, crankcase breather Electric changeover valve, swirl flaps Oxygen sensor before catalytic converter Preheating control unit Oil level sensor.