2001 gmc sonoma starter

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Purchased on Feb 15, Jun 10, I live in texas and needed a strater for my daugther in Ny and all the others cost over and my daugther didn't have the money. So I told my daugther to let me try on line and i found auto parts and was very happy with the service and the shipping of the part to my daugther. Auto parts was a god sent in a time of need I will be using them agagin and again. Purchased on Jul 14, Helpful Automotive Resources. Electricity then flows from the battery, through the starter relay, and to the starter solenoid. Bad Starter Solenoid Symptoms Although you may have heard of a starter solenoid, you might not know what the part actually does. Basically, the starter solenoid is an electromechanical device that engages the starter motor. Most starter solenoids are mounted directly on top of the starter. The Starting System Because batteries emit hydrogen gas while charging, the battery case cannot be completely sealed. Years ago there was a vent cap for each cell and we had to replenish the cells when the electrolyte evaporated. If your engine cranks normally but does not start, the starter motor is not to blame. Automotive professionals break down no-start situations into two separate categories: crank-no-start and no-crank-no-start. Contact Us. Phone Number Shop with Confidence. All Rights Reserved. Terms of Use. Privacy Policy. California Supply Chain Disclosure. Accessibility Statement. I have followed the positive lead from the battery but it goes into a cover on the top of the engine. Do I need to remove this cover or have I followed the wrong wire? I removed the cover to find that it was not a cover, but an air feed from the fan to the air intake at the top of the engine. I had followed the wrong wire, but was able to follow the correct wire over the engine and down the other side, but the location it leads to is covered and inaccessible for me. Do you. Hello, The starter is located on the lower side of the engine on the right side under the exhaust manifold. Most people can access it from the bottom here is a guide to help you raise the car up. Was this answer. This has lead to it destroying my starter after a number of misfires. The engine is the 2. I have now replaced the ignition control module, both ignition coils, and the crankshaft position sensor. The engine idles smoothly and runs fine under load and is not showing any error codes. The only other thing I can think to replace to fix this would be to get a replacement ECM. Is it likely the ECM that has been causing my truck to continue to destroy starters? Should replacing the ECM fix this misfiring during starting problem? Thanks in advance, Michael. Did you use aftermarket ignition parts. Ive found brand new aftermarket coils to have a varied resistance of what it is supposed to be. Keep us posted what you find, Ill do some research for bulletins tomorrow when I get to work. I know there was a technical bulletin for crank sensors causing this exact problem but I think it was only on v6 and v8. Ill double check. I did use aftermarket ignition parts, I metered the primary and secondary sides on both new coils before installing them, the resistance values were all within the range specified in my Haynes manual. I forgot to mention that I also replaced my battery in addition to the other ignition parts at the same time. Ill get back to you in the am unless somebody else has seen this problem before and clues us both in. My starter is re engaging after the motor has already started and will restart with the key in the on position. I replaced the starter because it re engaged and burned up. And I replaced the ignition switch Was this answer. Sounds like you've got a wire shorted to ground. Start with the ones at the starter and work back Was this answer. Please login or register to post a reply. Easy step by step guide on how to replace a starter and solenoid, though appearances may vary, the process is the similar for most vehicles. Without Completely Thanks, Larry. Sponsored links. Ask a Car Question. It's Free! When I turn the key in ignition all of the lights come on and the fans turn on but I get nothing else. No sound of an engine turning to give me any hope. Any ideas specifically? Do you. Welcome to the forum, use a testlite and check for voltage at the starter relay terminals, underhood fuse box. Terminal 85 goes hot with key in start position. Terminal 30 is hot all the time. Sometimes the wiring diagrams swap 85 and 86, check them both. Any testing at the relay, make sure the tranny is in park or neutral and a functional e-brake is set. Was this answer. If you have the original battery it's probably about done. Have it load tested at a auto parts store. Chances are it's just a weak battery. Any other brand of car I would suggest cleaning the battery terminals but GM has the best battery terminals of a lot of companies. They never get corroded, etc. And pretty much never need maintenance. Please login or register to post a reply. Starter

Removole Starter Removle. Easy to follow guide describing how an automotive engine starter motor works, this information pertains to most vehicles. Please Help Me. Thanks, Larry. Sponsored links. Ask a Car Question. It's Free! Your Account. Support Center. Select Year. Select Make. Select Model. Select Part. Select Fitment. We ship from multiple warehouses across the country, so you get your part as soon as possible. Free, one year or more , unlimited mileage warranty. Covers everything; parts and shipping costs. Experts in auto parts since â€" rated 4. The part you are searching for is not available online. Please contact us for further information. We carry the top Starter brands. Best in class warranty and free shipping available on most parts. Order online at BuyAutoParts. If you are having some trouble finding the right Starter for your specific Gmc Sonoma or have any questions, please give us a call or chat with us online. Our experienced team of auto parts specialists will find what you need and provide you the best price available. We are proud to provide industry leading customer service and warranties. Our customers love working with us and continue to show us their appreciation by leaving us outstanding online reviews. Click here for Mobile version. Home Toggle navigation. Your Account Support Center. We've got your back Free, one year or more , unlimited mileage warranty. Return for any reason within 60 days for a full refund. Your part can be more easily found using the Diff Wizard. Thank You! Secure Shopping. All rights reserved. One of the most important â€" and most forgotten â€" components of any vehicle's ignition system is the starter relay. This electrical part is designed to redirect power from the battery to the starter solenoid, which then activates the starter to spin over the engine. The proper activation of this process allows the ignition switch's circuit to complete, which will permit you to shut the vehicle off when you turn the key off. Although it's unlikely that you'll ever experience a problem with the starter relay, it is prone to mechanical failure and will need to be replaced by a professional mechanic if it wears out. Most of today's modern cars and trucks have an electronic ignition switch that is activated by remote key. This key has an electronic chip embedded that links up with the computer on your vehicle and allows the ignition button to activate. There are times when this type of key will impact the operation of the starter relay and display similar warning signs as if this system is damaged. Listed below are a few of the symptoms of a damaged or worn out starter relay. If you notice these warning signs, make sure you contact a local ASE certified mechanic to completely inspect your vehicle as these symptoms might indicate problems with other components. The most obvious warning sign that a problem with the starter relay exists is when the vehicle won't start when you engage the ignition process. As stated above, electronic keys do not have a manual ignition switch. However, when powered, it should send a signal to the starter relay once the key is turned or the starter button is pressed. If you press this button or if you turn the key on a manual ignition switch and the vehicle does not turn over, it may be caused by a problem with the starter relay. This problem may be attributed to a circuit that has failed, so no matter how many times you turn the key, the vehicle will not start. If the circuit has not yet completely failed, you may hear a clicking noise as you try to turn the key. In either case, you should contact a professional mechanic to inspect the symptom and correctly diagnose the precise cause. When you start your engine and release the key or stop pressing the starter button on a modern vehicle, the circuit is supposed to close, which will discontinue power to the starter motor. If the starter stays on after the engine has ignited, the main contacts in the starter relay have most likely welded together in the closed position. When this occurs, the starter relay will be stuck in the on position and damage will occur to the starter, circuit, relay, and the transmission flywheel if it is not addressed immediately. If the starter relay is working properly, it will send power to the starter every time it is engaged. However, it is possible that the starter relay will become damaged due to excessive heat, dirt, and debris or other issues that might cause sporadic operation of the starter. If you try to start your car and the starter doesn't activate instantly, but you turn the key switch once again and it works, this is most likely due to a problem with the relay. In this case, it's important that you contact a mechanic as soon as possible so they can determine what is causing the intermittent contact. In many cases an intermittent starting problem is linked to a bad wire connection that may become dirty due to exposure under the hood. This symptom is common when your battery is low on amps , but is also an indicator that your starter relay is not sending a full signal. The relay is an all or nothing device, meaning that it either sends the full electrical current or sends nothing to the starter. However, there are some occasions when a damaged starter relay will cause the starter to make a clicking sound when you turn the key. The starter relay is a very durable and reliable mechanical part, however it is possible for damage to occur requiring a mechanic to replace the starter relay. If you notice any of these warning signs, make sure to contact one of the professional mechanics at YourMechanic. The most popular service booked by readers of this article is Starting And Charging Inspection. Our certified mobile mechanics perform over services, including diagnostics, brakes, oil changes, scheduled

mileage maintenances, and will come to you with all necessary parts and tools. Our certified mobile mechanics make house calls in over 2, U. Fast, free online quotes for your car repair. Starting And Charging Inspection Cost. Service Location. Vehicle does not start The most obvious warning sign that a problem with the starter relay exists is when the vehicle won't start when you engage the ignition process. Starter stays on after engine started When you start your engine and release the key or stop pressing the starter button on a modern vehicle, the circuit is supposed to close, which will discontinue power to the starter motor. Intermittent issues starting the vehicle If the starter relay is working properly, it will send power to the starter every time it is engaged. Clicking sound coming from the starter This symptom is common when your battery is low on amps , but is also an indicator that your starter relay is not sending a full signal. Home Articles. The statements expressed above are only for informational purposes and should be independently verified. Please see our terms of service for more details. Excellent Auto Repair Ratings. YourMechanic Auto Repair. Related Articles. How Does a Starter Motor Work? Recent Starting And Charging Inspection reviews. Excellent Rating. Rating Summary. Eugenio 26 years of experience. Request Eugenio. Eugenio arrived on time and provided a great explanation of what's going on with the car. Hope to book him again soon! It was well done job, In order to change the wheel bearing you need to have the right tools and I believe to remove the bearing which is not an easy task, maybe you should provide better tools especially for cars that they are over 10 years old. Torrieanto 12 years of experience. Request Torrieanto. Prompt, professional, and friendly. He knew his stuff and made recommendations. Thanks so much. One of the best mechanics I have ever dealt with. Anderson 27 years of experience. Request Anderson. Anderson was very friendly and professional. Michael 27 years of experience. Request Michael. My interaction with Michael L. I plan on using Michael and Your mechanic again and will highly recommend them to others. Need Help With Your Car? Related articles. The highest tech cars can contain miles of electrical wiring. Wires must be secured and protected from heat and debris in order to work properly. Read more. How to Dispose of Car Batteries Car batteries have chemicals which can damage the environment. Dispose of car batteries at a battery recycling center or a local auto supply store. It all starts with your car battery. Your car's electrical system operates on a closed circuit, with the main power system being the automotive battery. It uses less than Related questions Car won't turn over Hello there, a no-start condition is a very common fault. The most likely causes for this to happen on your Plymouth Breeze would be a battery, starter, battery cable, ignition switch, wiring harness fault, or an open circuit. When engine is warm, it shuts off and won't restart Hello there, thank you for asking about your Dodge Ramcharger. We must determine what is going on when the engine is warm that causes the no start. The proper fuel pressure and ignition signals must be present or it No light dimmer radio Hello. On your dashboard, there should be a three piece button that is located between the speedometer and the radio. One of the three buttons should have a plus and minus symbol on it. There should also be a picture Browse other content. Schedule your Starting And Charging Inspection today! Starting And Charging Inspection Price. How can we help? Read FAQ. Updated: January 31, Climb into your car. Buckle up for safely. Turn the key in the ignition andâ€¦ nothing. Nothing but a click. Could be a dead battery. But since the dash lights and the radio and the headlamps seem to be working, maybe something else is the culprit. Relay vs. When you turn the key to start your car, you are activating the ignition switch. Like most of the switches in your vehicle, the ignition switch controls only a low-powered signal, in this case to start the engine. But the starter itself requires a lot of power. Certainly more than the tiny wires running to the ignition switch can handle. The starter is tasked with the job of getting the internal parts of the engine turning, and that requires a lot of torque, thereby requiring more power. So automakers insert a device that enables a low-power signal to trigger a high-power signal. That way, a big job like starting an engine can be enabled by a small switch. Both a relay and a solenoid are devices that receive a low-power signal as a trigger to close or sometimes open a much larger circuit with more power. Now the terms relay and solenoid are often used interchangeably and there is a lot of confusion about which is which. Hopefully we do not add to the confusion. So, in that manner the terms are often used in place of one another. Because of its construction and manner of operation, a solenoid is usually capable of switching a higher current than a relay. Still, one person might refer to a starter relay and another to a starter solenoid. Further muddying the water, these devices are located in different places on different vehicles. And some manufacturers use both a relay and a solenoid in the ignition system. In that case, the relay will trigger the solenoid. Signs of a bad starter solenoid. Because it is more common to run into problems with the starter solenoid than with a plug-in relay, for our purposes we will focus on symptoms related to the solenoid. Consider these possible signs of a failing or bad starter solenoid when you turn the key:. Nothing happens. If you engage the ignition and it does nothing, there are a number of problems that

could account. One possibility is the solenoid. This could mean that the solenoid is trying to engage but that the internal components are stuck and unable to work properly. But a faulty solenoid that fails to make adequate electrical contact inside can also produce this tell-tale sound. If the starter engages but does not disengage when you let go of the key , the solenoid is likely bad and the starter may suffer significant damage as a result. Intermittent operation can be a sign of a failing starter solenoid. Other issues that present like a bad solenoid. Problems that might cause your car to act like it has a bad starter solenoid can include:. Bad battery - If the battery voltage is low it will be unable to provide enough power to start your engine. Blown fuse - Sometimes the simplest explanation is the best one. A blown fuse in the starter circuit could be the cause of a no-start problem. Broken or corroded wiring - Damaged or dirty wires to the battery or to the starter solenoid or wires that are loose can prevent sufficient power from reaching the starter. It also recharges the battery. If the alternator is bad, the battery may not be capable of starting the engine. Starter - Some solenoids are mounted to the starter, but some are located directly inside the starter housing. When this is the case, it may be necessary to replace the entire starter when the solenoid goes bad. Sometimes the starter itself is the problem. Electrical issues can be annoying and inconvenient. They can also be hazardous and can cause damage. If you run into symptoms of a bad starter relay or solenoid with your car, truck, or SUV, make sure to have a trusted technician to diagnose the specific problem. View All Posts Next Previous. Solenoid When you turn the key to start your car, you are activating the ignition switch. Signs of a bad starter solenoid Because it is more common to run into problems with the starter solenoid than with a plug-in relay, for our purposes we will focus on symptoms related to the solenoid. Other issues that present like a bad solenoid Problems that might cause your car to act like it has a bad starter solenoid can include: Bad battery - If the battery voltage is low it will be unable to provide enough power to start your engine. This article is intended only as a general guidance document and relying on its material is at your sole risk. This reservation of rights is intended to be only as broad and inclusive as is permitted by the laws of your State of residence. Tags: Electrical System. Get Quote. Thank you for your quote request. A representative will get back to you shortly. For immediate assistance please call. Modern cars now use an extensive electrical system so as to improve every car's performance. This system produces, stores, and distributes all the electricity it requires to allow the car to run smoothly and offer the driver with the comfort he expects. All these components are necessary in order for the whole system to function properly and one important component is the starter. The main function of the starter is to crank the engine when the ignition switch is turned to the right position. This can create a suction that will draw a fuel and air mixture into the cylinder where in a spark created by the ignition system will ignite the said mixture. The starter is usually mounted to the rear of the engine or the front of the transmission housing. It consists of an electrical motor that powers a starter drive. A starter drive is a special pinion gear designed to engage with the ring gear of the flywheel or torque converter. The car's starter, just like any other car component, can also get damaged in time. And once your starter becomes defective, you need to have it repaired or you better get replacement starter part for you car. And here, GMC Sonoma starter is a reliable replacement part for you. Just browse through the online car parts site for your starter need and order it online. In order for your new GMC Sonoma starter to have good performance, make sure that you check your battery cables at every oil change. See to it that the cables should be tight and free from corrosion because these can cause slow cranking, arcing at cable connections, and other electrical system problems. You can also clean your battery case and terminals by using a mixture of baking soda and water. But above all these, make sure that you have your car's starter tested as part of a comprehensive starting, charging and battery test every year. We've Made a Site Update. Refresh to the latest version. Retrieve quote. Track order. Sign In or Create Account. Every Purchase Supports. Texas Relief Efforts. Select your vehicle. GMC Sonoma Starter. Select your vehicle year. Refine by:. Starter part. Showing 1 - 15 of 50 results. Display item:. Sort by:. Vehicle

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Info Required to Guarantee Fit. Core Charge. Add to cart. Part Number: MPA Page 1 of 4 Showing 1 - 15 of 50 results. Feb 12, I have not received this part yet. Larry Olson. Purchased on Feb 06, Jul 03, Excellent Experience. Great great great. Will buy all my parts from here from now on. Purchased on Aug 14, Perfect Fit. Perfect product for the GMC Savana compression ratio. Quality fit and buildt just like its name. Purchased on Jan 12, Show More. Helpful Automotive Resources. To understand the clicking noise, you first need to know how a typical, modern starting system works. When you turn the key or push the button to start the engine, a control

module or the ignition switch energizes the starter relay. A typical starting circuit. You might be surprised to find out how many issues can potentially prevent your car from starting. Contact Us. Phone Number Shop with Confidence. All Rights Reserved. Terms of Use. Privacy Policy. California Supply Chain Disclosure. Accessibility Statement.