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Please make sure you log in with your Username you setup with the website and not your email. Here I offer automotive diagnostic training with an emphasis on engine performance, computer controls and electrical systems troubleshooting. My specialty is engine performance diagnostics, and I have written a text book that I use for my students. It is meant to be a field manual, one that they will actually take with them when they finish school. It is full of diagnostic strategies and testing procedures. This book is available to the public as an eBook or paper book at In addition, I also offer a library of video resources, showing how to perform the diagnostic techniques taught both in my book and in my class. Both my free channel ScannerDanner on YouTube , and my paid subscription channel ScannerDanner Premium have coordinated playlists that match the chapters in my book and the flow of my class. Buy The Book! Log in Register. Remember me. Welcome to ScannerDanner. Buy the Book! You are now being logged in using your Facebook credentials. General information:. For many years the automotive mechanic s have been using the relative compression test which is proven in the practice as a good and quick indicator that the engine is operating evenly on all cylinders and therefore, components such as the pistons, cylinder bores, rings, valves etc. More detailed information is available here:. Disable the fuel system to prevent the engine from starting. On the modern vehicles this can be done easily just by removing the fuel pump relay or the injectors fuse. Relative compression tester is powered from the vehicle battery and after is powered on is ready for the test. Select the number of cylinders for the engine you are testing. Crank the vehicle's engine for about 5 seconds. The test results will be shown both as a cylinder bars, and cylinder percents together with the measured engine RPM's. This product is in development stage. This test cannot be used on rotary Wankel engines. Menu Home Gallery. This is needed the analysis to be done properly. Notes: 1. See also:. Also you may follow discussions here:. Share this page. Share on Facebook Share on Twitter. Create a website. Everybody can create a website, it's easy. Try it for FREE now. This website was created with SimpleSite. Click here! The interactive web site for locksmiths. Main site for We also have a mirror site at Codes On Line An interactive web-based code retrieval program containing a wide range of automotive, shop, and padlock codes. Available by subscription. These codes can be accessed through your web browser or through a smartphone. You will need a user name and password for this section. To obtain them you can subscribe here. Demo Here's a demo of Codes On Line. Try it out! No password needed. A second version of KBX lets you add your own label to any group of blanks. To subscribe to either version, sign up here. Pin It Now! Just enter the change, master, and control keys as applicable , and this will give you the pin chart. This pinning calculator also handles cross-keying and cylinders which require more than one control key. This is what you use when you know some of the cuts for a key but need to find the rest. Tell it the cuts you know and it will give you a progression chart that you can use to determine the correct key. Available for both your browser and your web-enabled cell phone. Subscribe here. Lock Name Listing A list of lock names that you can search to find what keys might be used with them. Please contribute more entries to this listing. Combination Counter How many combinations are available for a given kind of cylinder? Use this to find out! The 3XX crankshaft position crank sensor, on the GM 3. With this article, I'll walk you thru' the entire crankshaft position sensor testing process in a step-by-step manner. In case you're wondering if you can test the crankshaft position sensor with a simple resistance test ohms , let me tell you that it's not possible. Well, because the 3X, 18X crankshaft position sensor is a Hall-Effect Type sensor and this type of sensor does not allow for a resistance test. A Hall Effect sensor has to be tested in action. The crankshaft position sensor test I'm gonna' show you here is one of the most effective and sure ways to troubleshoot the sensor using just a multimeter in Volts DC mode. If you need to know if this 3X 18X crankshaft position sensor test applies to your specific 3. The most obvious symptom of a bad crankshaft position sensor is your vehicle's engine not starting. Below is a simple list of more specific symptoms that accompany a bad crankshaft position sensor:. Taking all of the above into account, the most important thing to remember is that if you get spark from any spark plug wire, the the crankshaft position sensor is working and the test in this article won't help you. You can find the crankshaft position sensor just about in anywhere. The best place to buy it and the harmonic balancer if the crankshaft position sensor blades are bent or damaged and save a few dollars is online. The following links will help you comparison shop for the original AC Delco and aftermarket crankshaft position sensor and the crankshaft pulley harmonic balancer :. The 3X 18X crankshaft position sensor is two crankshaft position sensors in one assembly and is a Hall-Effect type sensor that needs an external power and Ground source to create its crank CKP signal. The most important thing to know about the 3X 18X crankshaft position sensor is that if it goes bad, your 3. As an Amazon Associate, I may earn a small commission from qualifying purchases from the Amazon product links from this website. Your purchase helps support my

work in bringing you real diagnostic testing information to help you solve the problem! How To Test The 3. Page 1 Page 2 Page 3 Page 4. Contents of this tutorial:. Tools You'll Need: Multimeter. All Articles: 3. Applies To:. Buick Vehicles:. Do NOT follow this link or you will be banned from the site! Forums New posts. What's new New posts Latest activity. Log in Register. What's new. New posts. Log in. Install the app. SimplyDiag Network Partner:. JavaScript is disabled. For a better experience, please enable JavaScript in your browser before proceeding. You are using an out of date browser. It may not display this or other websites correctly. You should upgrade or use an alternative browser. Training and online learning. Threads 27 Messages Interview on Garage Wire. Filters Show only: Loading Sticky A Few words from Paul. Steve SDN Jan 17, Replies 5 Views Jan 23, arneD. Trainig books. Kelvin Tuttle Yesterday at PM. Replies 9 Views Today at PM Kelvin Tuttle. Technical Topics Dec 3, Replies 16 Views Wednesday at PM Tommy. Steve SDN Feb 4, Replies 1 Views Feb 4, HR Vitals. WTS Feb 3, Replies 0 Views Feb 3, WTS. Pico Training in the North of England. Replies 7 Views Feb 1, Seant. Autodata training. Phillbrown13 Jan 10, Replies 15 Views Jan 26, TDM 4x4. Duraid Dec 13, Replies 3 Views Dec 17, Duraid. Diagnostic Assistance Renewal. Steve SDN Jan 26, 2. Replies 29 Views Dec 3, Technical Topics. MOT courses. Jamie Housham Sep 29, 2. Replies 25 Views Nov 30, Tigger. Christmas Textbook anyone? Nov 30, tomd. Our virtual academy. Nov 28, TDM 4x4. Replies 21 Views Nov 27, TomTom. GaryM Nov 10, Nov 10, Steve SDN. PICO Training. GaryM Nov 4, Replies 4 Views Nov 4, GaryM. Looking for some Secondary Ignition training material in hard copy?? JamesL Nov 1, Nov 2, JamesL. Tech topics. Tom Bracken Jul 15, 2 3. Replies 41 Views Oct 26, Soran ghafour. Air bag testing. Stephen Kasapis Oct 22, Oct 22, John Taylor. NEW 5th Edition: Special offer available for pre-order. Oct 9, tomd. DPF Training courses. GaryM Aug 31, Replies 2 Views Sep 1, Darren Darling. Cuba Aug 21, Aug 21, Cuba. You must log in or register to post here. Add New Comment. Do you have the same question? Follow this Question. Absolutely my friend. My students are all newbies but at the same time even an experienced tech will learn from my material. I do not dumb it down. These procedures and concepts i teach are what i use everyday in the field. You said a key word "confidence". This is exactly what is going to happen with your diagnostic skills. Thanks again! Automotive Diagnostic Tools for professional technicians, shop owners, and educators! Sales Manufacturing Consulting. Ask a Question. Regarding purchasing the Ebook, I saw you have a ebook version. I noticed this is a second edition. With the ebook is it good forever once you pay the 49 dollars and recieve a code key to log in. What I am getting at, in a year or two you may have a third edition which would nessisitate purchase of another book. I imagine the updates would occur in the ebook, thus making it a better value. Am I correct in saying this? That is the ebook a one time purchase. Comments 0 New Comment. Voted Best Answer. Dec 23, - PM The ebook and paper book are identical and yes the eBook is a one time purchase. In the future, if I write another book, it would be a separate purchase regardless if it was the eBook or paper book. The current version of the paper book is identical to the last in content. It is only the format that has been changed. We did this to improve shipping and production costs which have been passed down to our customers. Paul Danner. Dec 23, - PM Dan, One last question regarding the book and your premium channel. Does the start of both the book and the premium channel proceed from the position that a newbie who does not have the funds for tuition to Rosedale College could progress from chapter one in the book and video week 1 lession 1 and proceed onward and learn with confidence. I realize the drawback of not being able to have shoptime at the school which might nessessitate problems without that learning criteria. I take it you provide some shop time on the videos to back up what was taught in the class. Please confirm or advise. Thanks again. View More Product Details. Engine Performance Diagnostics by ScannerDanner. Other Questions Needing Answers. Related Product. Browse by Product No matches to display. Recently Active Members. Tools Help. Share This Page. Please wait This is a ScannerDanner Premium video from and is being uploaded here to help out a subscriber. It is amazing that the principles we followed on this Ford are the same ones we can follow on a model from any manufacturer. As well as determining if we can view coil trigger signals with a test light. Then finally we switch to a GMC with a misfire that just had a new coil installed, without a fix. This p. Let him know what's up. I've reported him to FB but they say there is no problem. Proud of my brother. I got him this job at Auto Perfection back in 94, now he owns the shop! Its come full circle and now i get to film my case studies there with my son Caleb tagging along Just feeling grateful and blessed and wanted to share. The live training event, that was to be held at Rosedale Tech for this spring has been cancelled. It was changed on two different occasions due to covid, and rather than change the date for the third time, we decided to cancel. To receive a refund please contact: Anthony Sharro anthony. Founded by Rosedale Tech instructor and YouTube sensation Paul Danner, The ScannerDanner Fund was established to provide supplemental funding for students who display the need for financial assistance

while attending school. This grant is intended to assist with things like a student meal plan, daycare expenses, transportation expenses bus pass, gas , utility payment, etc. Award amounts may vary based on overall financial need. Those interested in learning more information or to register should visit rosedaletech. Getting some love all the way from Norway! Having a little technical difficulty with my eBook this morning. Rest easy my friends. I am on it!! New purchases as of yesterday and today, I'm still working on. Some good network diagnostics in this one. Thanks so much! Looking forward to your comments and questions. Just a few outtakes from our newest SD Premium video. This will be a 2 part series on a Cadillac CTS with an intermittent severe hesitation, 2nd gear lockout, limp mode, reduced power condition. Along with CAN system faults. Register at the link below! I hope to see you there. We were going to eat the cost of it for this poor guy, then it showed up. The longest prior to that one, was a country in Africa I forget which one where it took 5 months. Most other places in the world, we are talking weeks, not months. For some of you guys, the eBook is definitely the way to go! Thanks for the support my friends! You have my word, if you are my customer, I will make it right! God bless you all and have a great day! Are you a female interested in a career opportunity in the trades? For more information and to register, please visit rosedaletech. Handling intermittent problems as a technician and when to say no. This is a clip from an upcoming ScannerDanner Premium video. Sale starts tomorrow and runs through the weekend. Proceeds for my merchandise sales will be donated to the SD grant at rosedaletechnicalcollege Thank you! Check out our grant page! Thanks to you guys, SD has a grant listed here too. God bless you all for helping me make this possible. Grants are similar to scholarships because this is money that does not have to be paid back, unlike a student loan. Here's a video of the autool hts walnut blaster. Honestly, i LIKE it, and am impressed with it. I really like that it recirculates the media until you decide to swap it out. Jump to. Sections of this page. Accessibility help. Email or phone Password Forgotten account? Offering on-line diagnostics training on automotive electrical and electronic systems. See more of ScannerDanner on Facebook. Log In. Forgotten account? Not Now. Visitor Posts. Jason Merrell. I have a good understanding of electronics and circuitry. What your videos do is reassure a semi-confident individual that with good thought process and systematic diagnostic work you can figure it out. I appreciate the following about your videos. Your insistence that if you have good wiring diagrams, it will lead you to the answer if you know how to read it, and you systematically check each component. Most of the time your sleuthing involves a simple multimeter or test light. Bad grounds. They looked fine, alas not. No ground to the module, no power, therefore no talking, therefore P and a no start condition. Just wanted you to know your videos are empowering. Keep it up. Each one is like an automotive mystery novel. See more. ScannerDanner is at Rosedale Technical College. Learn More. Hey look, his name is changed and the material has been taken down. Nice job my friends! Scan Cars. Tunis, Tunisia. Rosedale Technical College 17 February at Hey there peopleIn this video,i just wanted to show you my new rs boost hoses. Mario Rojas 13 February at ScannerDanner is feeling positive. Brandon Steckler is with G Jerry Trujila. Learning to leverage a Logical Diagnostic Approach in your diagnostic approach can yield efficiency and solve the problem. Rosedale Technical College 3 February at New SDP video is up! Visit Rosedale Technical College 27 January at Take the time to invest in yourself. Your future depends on it. If you guys haven't seen my friend Mario's channel yet, you're missing out! Super-Mario Diagnostics 26 January at Welcome guest, Login. Proposition 65 requires businesses to notify Californians about significant amounts of chemicals in the products they purchase. Proposition 65 entitles California consumers to warnings for products that contain chemicals known to California to cause cancer and birth defects or other reproductive harm if those products expose consumers to such chemicals above certain threshold levels. Additionally, for certain products sold on AESwave, we also provide the following warnings based upon California law:. WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Some examples of these chemicals are:. Your risk from exposure to these chemicals varies, depending on how often you do this type of work. To reduce your exposure, work in a well-ventilated area and with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles. These are step-by-step procedures that some pencil pusher thinks is the best way to troubleshoot They are never written with speed in mind. How could they be when half of them start off with disconnecting the computer and the sensor and checking the wire for opens and shorts? Do they realize that step one could take more than a half hour to just get to the computer? This is ridiculous! This includes, but is not limited to, transmission controls, body controls, anti-lock brake systems, and climate controls. Do I still use engineer written flow charts? Of course, but only as a guide and almost never literally. Maybe someday engineers will wake up and figure out that some of us can handle more

information than what they are providing. Until then, you must develop a more complete understanding of sensors and circuit designs. My book will help you do that. Once you understand these fundamentals explained in my book you will be able to troubleshoot ANY computer controlled system, not just a fuel injection computer. I even fixed my furnace at home using these same principles! Additionally, links to over 50 Scanne

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rDanner videos are included which explore the content of the book in more detail. This book is the printed version of ScannerDanner's ebook. Automotive Diagnostic Tools for professional technicians, shop owners, and educators! Sales Manufacturing Consulting. Shopping Cart. My Account. Call Us Now! M-F 8am-5pm Pacific time. Shop by Price. Featured Products. View All Featured. Join our Newsletter. Recent Posts. Your Savings:. Email us for a Quote. Add to Wish List. Print Page. ScannerDanner aka Paul Danner says: I hate engineer written flow charts! There has to be a better way! Well, I have found a better way and I want to share it with you. ScannerDanner Premium includes videos that go through the book page-by-page. Thermistor-Potentiometer comparison and the 5v reference circuit. Supporting our community. Related Products. Engine Performance Diagnostics by ScannerDanner. Power Probe IV. ShopBook: Fundamental Electrical Troubleshooting. All Rights Reserved. Oxygen Sensors and Fuel Trim.