

Scanner Danner

Test light driver check 6f55f0e3f2 Ignition Coil 6f55f0e3f2 Understanding the dual fuel sending unit circuit 6f55f0e3f2 Voltage drop lesson — 12 volts unplugged, 3 volts plugged in 6f55f0e3f2 Long Term Memory 6f55f0e3f2 This Confuses SO MANY Technicians! - This Confuses SO MANY Technicians! 17 minutes - In this video, my son Beau and I are diagnosing a Volkswagen with a Bank 1 Sensor 1 O2 heater circuit code, but the real lesson ... 6f55f0e3f2 After-repair current-ramp test 6f55f0e3f2 Sensor side vs harness side confusion 6f55f0e3f2 Soap and water finds what smoke could not 6f55f0e3f2 PCV 6f55f0e3f2 Circuit Identification and Integrity Testing Livestream Class (previously recorded) - Circuit Identification and Integrity Testing Livestream Class (previously recorded) 1 hour, 9 minutes - Livestream Class For Christian Brothers Automotive from 9-22-20 This was the first live stream class that I have done. We had a ... 6f55f0e3f2 Wideband vs narrowband O2 sensors 6f55f0e3f2 resistance in a wire with an open output 6f55f0e3f2 Bidirectional EGR Test 6f55f0e3f2 Replacing the fuse and testing brake lights 6f55f0e3f2 Shorted-coil waveform analysis 6f55f0e3f2 Cheese balls for the crows 6f55f0e3f2 Repairing the damaged power feed wire 6f55f0e3f2 Clear Flood Test 6f55f0e3f2 Checking EGR Scan Data 6f55f0e3f2 Searching for the Bad Splice/Wire 6f55f0e3f2 Finding a blown fuse 6f55f0e3f2 Rechecking voltage and current 6f55f0e3f2 Why the fuses blew 6f55f0e3f2 Bidirectional open/close test 6f55f0e3f2 New coil and spark-plug inspection 6f55f0e3f2 2020 Jeep Cherokee - No Com with Active Grill Shutter (U11E9) - 2020 Jeep Cherokee - No Com with Active Grill Shutter (U11E9) 16 minutes - In this quick diagnostic video, we troubleshoot a 2020 Jeep Cherokee 2.4L 4WD with a U11E9 - Lost Communication With Active ... 6f55f0e3f2 Repairs Completed 6f55f0e3f2 Temporary repair and smoke machine retest 6f55f0e3f2 Synchronizing the ignition events 6f55f0e3f2 Scan tool secure gateway causes unexpected problems 6f55f0e3f2 The Tool Every Diagnostic Tech Needs! - The Tool Every Diagnostic Tech Needs! 1 minute, 23 seconds - ScannerDanner, Tools: <https://www.scannerdanner.com/tools.html> <https://www.amazon.com/shop/scannerdanner>, For more ... 6f55f0e3f2 Oxygen Sensor 6f55f0e3f2 Open heater confirmed 6f55f0e3f2 Narrowing down the shorted circuit 6f55f0e3f2 Running the EVAP service bay test 6f55f0e3f2 3.5V bias voltage clue 6f55f0e3f2 Shared LIN bus communication explained 6f55f0e3f2 Sensor side vs harness side confusion 6f55f0e3f2 Good PWM heater control pattern 6f55f0e3f2 Never Forget The Basics (Kia No Start) - Never Forget The Basics (Kia No Start) 5 minutes, 52 seconds - Want to Learn More About Diagnostics? Check out my field manual, Engine Performance Diagnostics, available as both an eBook ... 6f55f0e3f2 Oxygen-sensor and fuel-trim checks 6f55f0e3f2 RPM drop test 6f55f0e3f2 Key Takeaways 6f55f0e3f2 Visual Spark Test 6f55f0e3f2 Customer complaint 6f55f0e3f2 Confirming temperatures return to normal 6f55f0e3f2 Testing the system with the gas cap sealed 6f55f0e3f2 Subtitles and closed captions 6f55f0e3f2 Amp clamp test on heater wire 6f55f0e3f2 Power-Side vs Ground-Side Switching 6f55f0e3f2 Testing purge flow with a vacuum gauge 6f55f0e3f2 Rechecking voltage and current 6f55f0e3f2 why we need two coils in a circuit opening relay on a Toyota 6f55f0e3f2 Reading trouble codes 6f55f0e3f2 We found the culprit 6f55f0e3f2 This Confuses SO MANY Technicians! - This Confuses SO MANY Technicians!

17 minutes - In this video, my son Beau and I are diagnosing a Volkswagen with a Bank 1 Sensor 1 O2 heater circuit code, but the real lesson ... 6f55f0e3f2 This Can Be Deceiving! (Kia Optima EVAP LEAK TESTING) - This Can Be Deceiving! (Kia Optima EVAP LEAK TESTING) 27 minutes - A 2016 Kia Optima came in with an EVAP leak code, but the initial smoke test showed the entire system was sealed. That result ... 6f55f0e3f2 fuel pump must shut off if the car stalls 6f55f0e3f2 ABS Communication Restored 6f55f0e3f2 No-Start Customer Complaint 6f55f0e3f2 A Misleading Test Result 6f55f0e3f2 You Should NEVER Use a Test Light Here... Right? - You Should NEVER Use a Test Light Here... Right? 11 minutes, 39 seconds - My 2009 Silverado has an intermittent A/C problem: the A/C light blinks, the compressor clutch will not engage, and the scan tool ... 6f55f0e3f2 wiring diagram of ignition coil circuit 6f55f0e3f2 Logging back into AutoAuth restores scan tool functions 6f55f0e3f2 Purpose 6f55f0e3f2 A different result from the flow meter 6f55f0e3f2 Voltage drop testing with simulated resistance 6f55f0e3f2 Wideband vs narrowband O2 sensors 6f55f0e3f2 Reading the brake light wiring diagram 6f55f0e3f2 Testing the Fuel-Pump Circuit 6f55f0e3f2 Scope and amp clamp setup 6f55f0e3f2 Final takeaways 6f55f0e3f2 Checking heater voltage 6f55f0e3f2 Final Diagnostic Review 6f55f0e3f2 EVAP vent valve testing tip 6f55f0e3f2 Cell Block Example 6f55f0e3f2 Test Terminal 6f55f0e3f2 What Caused This New Fuel Pump To Fail?? - What Caused This New Fuel Pump To Fail?? 30 minutes - This 2000 Ford Ranger has no fuel pressure and will not start—even though the fuel pump was replaced only three months ago. 6f55f0e3f2 New O2 sensor installed 6f55f0e3f2 Variable voltage drop test 6f55f0e3f2 Understanding What the Waveform Is Telling Us 6f55f0e3f2 How the PCM controls the heater 6f55f0e3f2 Measuring the 5V Reference 6f55f0e3f2 Final Verification and System Explanation 6f55f0e3f2 Wiggle Test and Initial Circuit Checks 6f55f0e3f2 Initial secondary ignition waveform test 6f55f0e3f2 Understanding Power-Side Switching 6f55f0e3f2 Smoke testing from the purge valve 6f55f0e3f2 How the EGR Relearn Actually Works 6f55f0e3f2 Measuring Current Flow 6f55f0e3f2 Clearing network and module codes 6f55f0e3f2 Voltage Output of an Ohmmeter 6f55f0e3f2 Pinching off sections to narrow down the leak 6f55f0e3f2 Bonus Case Study 6f55f0e3f2 Sensor Data 6f55f0e3f2 The Strange 7-Volt Reading 6f55f0e3f2 Companion-cylinder spark test 6f55f0e3f2 ignition coil control testing with a test light 6f55f0e3f2 Blinking A/C Light and P0532 6f55f0e3f2 Intro 6f55f0e3f2 Key takeaways: LIN bus, loaded-circuit testing, and secure gateway 6f55f0e3f2 Active grill shutter operation confirmed 6f55f0e3f2 Scan Data and Locating the Pressure Sensor 6f55f0e3f2 Power feed is good 6f55f0e3f2 Voltage Drop Testing With A Test Light? [Part 2] - Voltage Drop Testing With A Test Light? [Part 2] 21 minutes - Link to part 1 <https://youtu.be/kTW68s5vqlg> 00:00 Intro 00:30 Resistance measurements on circuit 01:25 Checking circuit with a ... 6f55f0e3f2 Why the open-circuit voltage test can be misleading 6f55f0e3f2 Fuel Trim Review 6f55f0e3f2 How the PCM controls the heater 6f55f0e3f2 Fighting my scan tool 6f55f0e3f2 Testing the power feed — only 2.6 volts under load 6f55f0e3f2 test-light control test failed me (or did it?) 6f55f0e3f2 Test Light 6f55f0e3f2 Introduction 6f55f0e3f2 Intro 6f55f0e3f2 Checking fuel level signal voltage 6f55f0e3f2 Testing A Starter Circuit!! [Test Light vs Voltmeter] #uActivate - Testing A Starter Circuit!! [Test Light vs Voltmeter] #uActivate 26 minutes - No crank diagnostic fundamentals. Starter Motor Testing. #uActivate Interested in the ground extension block I used? Reach out to ... 6f55f0e3f2 Finding another blown fuse 6f55f0e3f2 Measurement 6f55f0e3f2 No 5-Volt Reference at the Sensor 6f55f0e3f2 Engine Breathing 6f55f0e3f2 Keyboard shortcuts 6f55f0e3f2 Secondary Ignition 6f55f0e3f2 Open or Shorted Network?

Maybe it's the Module?? - Open or Shorted Network? Maybe it's the Module?? 25 minutes
 - In this video, we're looking at a no-communication problem on a 2002 Lincoln Continental affecting both the PCM and ABS ...
 Open heater confirmed
 Isolating the vent side of the system
 Charging system check
 Found It — Corroded Network Wire
 Welcome to ScannerDanner - Welcome to ScannerDanner 3 minutes, 43 seconds - Our goal in this introduction is to show you what we are all about here on **ScannerDanner**, and what makes this different than most ...
 Spark test using a test light
 MAF Sensor Testing- What REALLY Matters - MAF Sensor Testing- What REALLY Matters 9 minutes, 34 seconds
 - Join us in the classroom for this quick lecture on Mass Airflow Sensors. This is a portion of a full length lecture from my book.
 No Start Basics - What Are We Missing??
 - No Start Basics - What Are We Missing?? 30 minutes - 2010 Hyundai Sonata 2.4 Intermittent no start. If it does start, it idles fine and will die and not restart as soon as you touch the gas ...
 Do Test Lights Belong on Computer-Controlled Cars?
 Investigating additional ABS / low-voltage codes
 Jumper Wire EGR Test
 Narrowing Down the Faulty Circuit
 Active grill shutter fault and initial scan data
 Spherical Videos
 Wrong Coil
 Identifying the heater circuit
 external fuel source worked this time
 Power and Ground Tests at the Tank
 Bias voltage and circuit self-testing
 Power Wagon Bonus Footage
 How to locate an open circuit in a wiring harness - How to locate an open circuit in a wiring harness 50 minutes - This is a 97 Ford Crown Victoria with a 4.6L engine, that does not start. There is no 5 volt reference and no check engine light.
 Verifying the Repair
 New O2 sensor installed
 Intro
 Long Term Memory Example
 Checking for coil control
 How the trailer module controls the lights
 2015 Infiniti QX50 - Unified Meter Failure (Plus Overheat) - 2015 Infiniti QX50 - Unified Meter Failure (Plus Overheat) 37 minutes - In this case study, we take a look at a 2015 Infiniti QX50 with a P0462 fuel level sensor circuit code and an intermittent fuel gauge ...
 Intro
 Every Auto Technician Needs To Learn This! (Misfire Diagnostics) - Every Auto Technician Needs To Learn This! (Misfire Diagnostics) 37 minutes - Have a constant misfire and want to check your ignition system? In this video I show you how to identify the misfiring cylinder ...
 Scope and amp clamp setup
 using the tachometer as a guide
 Comparing Network Signals at the DLC vs PCM
 Finding fuel level voltage in scan data
 Inspecting the bike rack wiring
 Case Study
 Vacuum Leak
 Dinner time
 Testing the EGR Position Sensor
 Diagnosis
 Scan Data and Locating the Pressure Sensor
 Testing the EGR Valve Manually
 Testing the fuse with a test light
 Checking for an open plug wire
 Checking circuit with a voltmeter
 Scan Tool
 Good PWM heater control pattern
 Tracing the brake light circuit
 Secondary ignition waveform retest
 3.5V bias voltage clue
 Power feed is good
 Checking the LIN bus signal with a scope
 Test light brightness confirms control
 Test light brightness confirms control
 fuel pump circuit dissection
 What We Found Inside the Tank
 Welcome
 How to Manually Test a Computer-Controlled EGR Valve! - How to Manually Test a Computer-Controlled EGR Valve! 31 minutes - In this video, we're taking a look at a Linear EGR system fault P0404 and P1404 on a 2002 GMC Yukon, and showing why ...

6f55f0e3f2 Inspecting the fuel pump area under the rear seat 6f55f0e3f2 Verifying the repair 6f55f0e3f2 Brake lights work after unplugging module 6f55f0e3f2 Final diagnosis: shorted trailer harness module 6f55f0e3f2 will I get shocked? 6f55f0e3f2 Verifying proper voltage after the repair 6f55f0e3f2 external fuel source failed 6f55f0e3f2 Oil Burning Issue 6f55f0e3f2 Internal Resistance 6f55f0e3f2 Checking the codes 6f55f0e3f2 Code Scan \u0026 Module Communication Check 6f55f0e3f2 Purge 6f55f0e3f2 Why This Can't Be a Shorted Module 6f55f0e3f2 2016 Kia Optima EVAP leak testing 6f55f0e3f2 You Should NEVER Use a Test Light Here... Right? - You Should NEVER Use a Test Light Here... Right? 11 minutes, 39 seconds - My 2009 Silverado has an intermittent A/C problem: the A/C light blinks, the compressor clutch will not engage, and the scan tool ... 6f55f0e3f2 Identifying the Circuit With a Test Light 6f55f0e3f2 Black Smoke 6f55f0e3f2 Testing the trailer harness wiring 6f55f0e3f2 Intro 6f55f0e3f2 Wiggle Test and Initial Circuit Checks 6f55f0e3f2 Test light driver check 6f55f0e3f2 Sticking EGR Valve Confirmed 6f55f0e3f2 Manually Powering the EGR Valve 6f55f0e3f2 Power Wagon Bonus Footage 6f55f0e3f2 Checking circuit with a test light 6f55f0e3f2 Blinking A/C Light and P0532 6f55f0e3f2 Search filters 6f55f0e3f2 Rethinking how this EVAP system runs its test 6f55f0e3f2 Misfiring Cylinder - Is It Spark, Fuel, or Compression?? - Misfiring Cylinder - Is It Spark, Fuel, or Compression?? 22 minutes - 2008 Chevy Avalanche 5.3L P0300 with constant misfiring on one cylinder. (troubleshooting and repair) Want to Learn More ... 6f55f0e3f2 Playback 6f55f0e3f2 Attempting to verify communication and clear the fault 6f55f0e3f2 Checking circuit with a test light 6f55f0e3f2 Bank 1 Sensor 1 heater circuit code 6f55f0e3f2 Final Thoughts 6f55f0e3f2 Why you shouldn't do checks unplugged 6f55f0e3f2 Join ScannerDanner Premium! 6f55f0e3f2 What makes this channel unique 6f55f0e3f2 Adding coolant and retesting 6f55f0e3f2 Test Light Circuit Integrity Test 6f55f0e3f2 Visual inspection reveals wiring corrosion 6f55f0e3f2 Bias voltage and circuit self-testing 6f55f0e3f2 Why the original smoke test was misleading 6f55f0e3f2 Can you do these checks with a test light? (Final thoughts) 6f55f0e3f2 Checking circuit with a voltmeter 6f55f0e3f2 Final code and oxygen-sensor check 6f55f0e3f2 can the 5v reference be shared between all input sensors? 6f55f0e3f2 Good-coil waveform comparison 6f55f0e3f2 Mapping the SCP Network 6f55f0e3f2 Misfire, Rich Condition, Long Crank Time - Where Do We Start? - Misfire, Rich Condition, Long Crank Time - Where Do We Start? 18 minutes - Cranking cadence and Relative compression testing were key in how to proceed with this one. **ScannerDanner**, Tools: ... 6f55f0e3f2 Behind the scenes 6f55f0e3f2 Final Analysis 6f55f0e3f2 Comparing the replacement Unified Meter \u0026 A/C Amplifier 6f55f0e3f2 Dont be a parts changer 6f55f0e3f2 Open Circuit Fault 6f55f0e3f2 Fuel-System Identification 6f55f0e3f2 Shorted Module or Wiring Problem? 6f55f0e3f2 Short Term vs Long Term 6f55f0e3f2 Intro 6f55f0e3f2 How To Read Wiring Diagrams [an SD Premium Class] - How To Read Wiring Diagrams [an SD Premium Class] 17 minutes - Potentiometers and pressure sensors (what can be shared, what can't be shared). Power and ground side switching. How to ... 6f55f0e3f2 Preliminary 6f55f0e3f2 Final EVAP service bay test 6f55f0e3f2 Plug-wire inspection and testing 6f55f0e3f2 Circuit Integrity 6f55f0e3f2 Quick Checks Without a Scan Tool 6f55f0e3f2 PCM Communication Restored 6f55f0e3f2 fuel injector pulse test 6f55f0e3f2 No heater current found 6f55f0e3f2 Inspecting the Harness 6f55f0e3f2 Spark Plug 6f55f0e3f2 Understanding Short Term and Long Term Fuel Trim (a SD Premium video) - Understanding Short Term and Long Term Fuel Trim (a SD Premium video) 49 minutes - This is a **ScannerDanner**, Premium video recorded during my class at Rosedale Technical College. The rest of this

series on ... 6f55f0e3f2 Intro 6f55f0e3f2 Cheese balls for the crows 6f55f0e3f2 fuel pump cutoff switch 6f55f0e3f2 Intro 6f55f0e3f2 review pots and psi sensors (what can be shared, what can't be shared) power and ground side switching, how to dissect and read a diagram, what can be drawn through what shouldn't be drawn through as you are mapping out a diagram. 6f55f0e3f2 No 5-Volt Reference at the Sensor 6f55f0e3f2 what does a coil of wire need to make a magnetic field? 6f55f0e3f2 fuel pump circuit testing begins (uActivate) 6f55f0e3f2 bidirectional test of ignition coils 6f55f0e3f2 Confirming the engine is overheating 6f55f0e3f2 how to dissect a wiring diagram 6f55f0e3f2 Wiring diagram and LIN bus circuit overview 6f55f0e3f2 Map Sensor 6f55f0e3f2 Isolating each fuel sending unit 6f55f0e3f2 Repairing the Corroded Wire 6f55f0e3f2 EGR Closed-Position Relearn 6f55f0e3f2 Intro / 2015 Infiniti QX50 6f55f0e3f2 Verifying the Repair 6f55f0e3f2 Fuses don't blow for no reason 6f55f0e3f2 Identifying the ignition-system design 6f55f0e3f2 Identifying the heater circuit 6f55f0e3f2 Test Light Circuit Integrity Test 6f55f0e3f2 Long Term Fuel Trim 6f55f0e3f2 Retesting With Bidirectional Controls 6f55f0e3f2 no start introduction 6f55f0e3f2 Which test is better? 6f55f0e3f2 Jumping the 5V Reference 6f55f0e3f2 Inspecting the Harness 6f55f0e3f2 When a Brake Light Diagnosis Goes VERY Wrong - When a Brake Light Diagnosis Goes VERY Wrong 13 minutes, 41 seconds - In this Subaru Forester no brake lights diagnosis, a simple blown fuse test turns into a smoking electrical failure right in the middle ... 6f55f0e3f2 visual inspection and testing at the pump itself 6f55f0e3f2 Closing Thoughts 6f55f0e3f2 Checking heater voltage 6f55f0e3f2 Amp clamp test on heater wire 6f55f0e3f2 They've Been Dealing With This For 2 YEARS... - They've Been Dealing With This For 2 YEARS... 50 minutes - Link to part 2 https://youtu.be/gPT_E84zYNg Want to Learn More About Diagnostics? Check out my field manual, Engine ... 6f55f0e3f2 Testing source voltage at the sending unit 6f55f0e3f2 Fuel Trims 6f55f0e3f2 Bypassing the High-Resistance Circuit 6f55f0e3f2 Tracing the Harness Toward the ABS Module 6f55f0e3f2 Ignition-coil current-ramp test 6f55f0e3f2 Resistance measurements on circuit 6f55f0e3f2 wiring diagram symbols 6f55f0e3f2 Waveform 6f55f0e3f2 Oxygen Sensor 6f55f0e3f2 Checking freeze-frame and coolant temperature data 6f55f0e3f2 Testing the Circuit With a Jumper 6f55f0e3f2 Joe's Auto Electric YouTube channel 6f55f0e3f2 Removing and Cleaning the EGR Valve 6f55f0e3f2 Bank 1 Sensor 1 heater circuit code 6f55f0e3f2 Scan Data 6f55f0e3f2 Rechecking the LIN bus signal 6f55f0e3f2 Confirming the Fault 6f55f0e3f2 Intro 6f55f0e3f2 Verifying cooling fan operation 6f55f0e3f2 Computer Measurement 6f55f0e3f2 Head gasket test 6f55f0e3f2 No heater current found 6f55f0e3f2 Final Diagnostic Review 6f55f0e3f2 After-repair fuel-trim results 6f55f0e3f2 General 6f55f0e3f2 How Do We Charge For This? 6f55f0e3f2 Understanding the Fuel-Pump Monitor Circuit 6f55f0e3f2 Trims 6f55f0e3f2 Final Test Drive 6f55f0e3f2 Searching for a leak too small to see 6f55f0e3f2 Testing EGR Flow With the Engine Running 6f55f0e3f2

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