

**TECHNICIAN TRAINING**  
BY DORMAN PRODUCTS

**DORMAN®**

**Training Center  
Presents:**

*“Using A LAUNCH  
Sensor Simulator”*

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**DORMAN®**

**Aftermarket Innovators**

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## *Your Instructor For This Seminar*

**"G" Jerry Truglia**

- National Trainer, ASE World Class, Master Auto, Truck, School Bus, L1, L3, CNG and...
- **ATTP Master Instructor, New York State, CT and New Jersey**
- STS (Service Technician Society) 2003 President
- **TST (Technicians Service Training) Founder and President**
- Author / Co Author/ Technical adviser on 25 plus books including OBD II and Mode 6, and Understanding and Diagnosing Hybrid Vehicles
- **Published articles for multiple newsletters, and magazines**
- Picked as one of the Top Instructors in the country by EPA & SAE
- **Numerous Radio, TV, Internet, and SAE Video appearances**
- PTEN, MotorAge and TST Webcast Instructor
- **Motor Magazine Top 20 award winner**
- Provider of OBD II Training for 14 states, Ontario Canada and the US EPA
- **Guest speaker at SAE Congress, IM Solutions and Clean Air Conference**

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## **LAUNCH X431 Throttle III Scan Tool - Scope - Sensor Simulator And More....**

**This Dorman Lunch and Learn will cover the LAUNCH scan tool using the Simulator to substitute sensor signals and output controls to test actuators. Many times, while working on a vehicle there maybe be a question on a part, sensor or actuator that may not be function properly. If that's the case the use of the LAUNCH Sensor and Actuator Simulator can be very helpful. Rather than replacing parts this is the way to proceed without wasting time and just replacing parts.**

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## LAUNCH X431 Throttle III Scan Tool - Scope - Sensor Simulator And More....

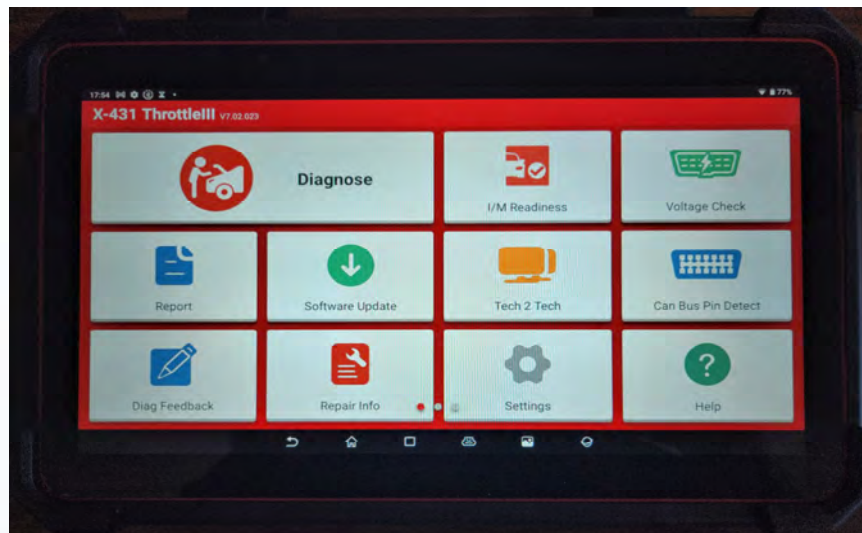


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## Introduction To the LAUNCH X431 Throttle III Tablet

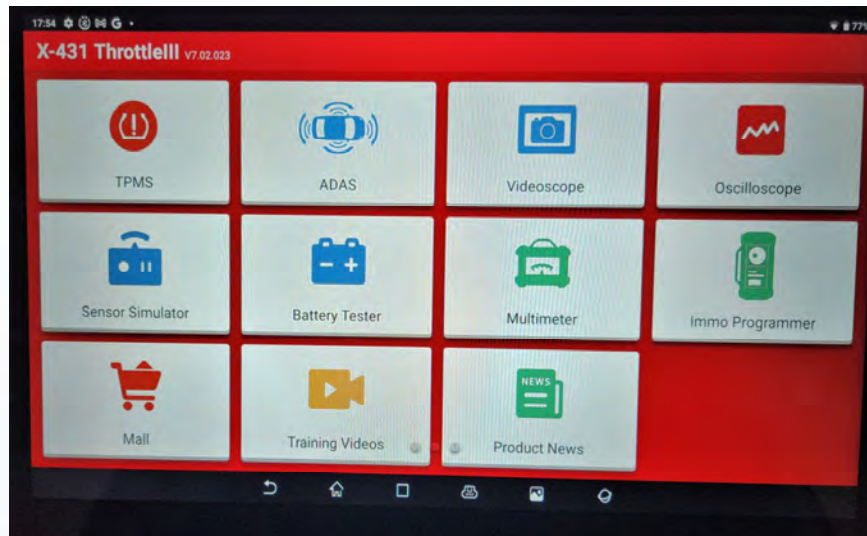


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## Introduction To the LAUNCH X431 Throttle III Tablet

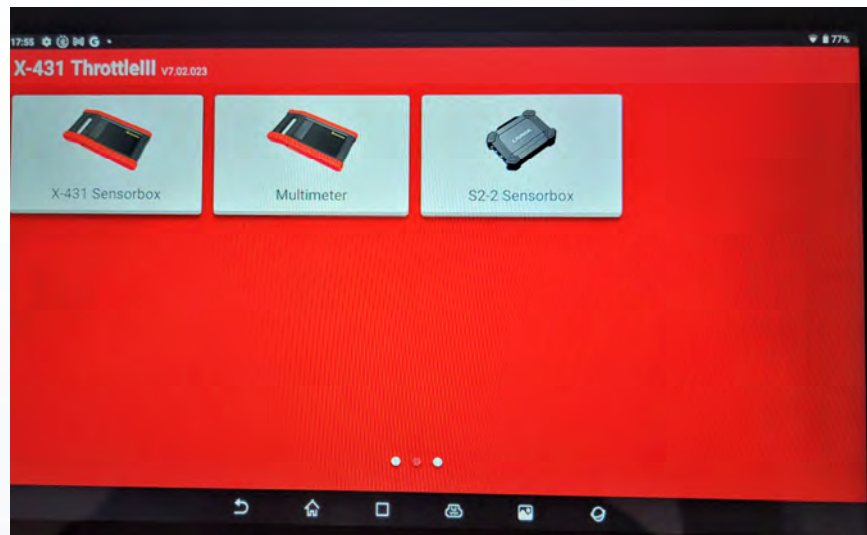


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## LAUNCH X431 Throttle III S2-2 Sensorbox

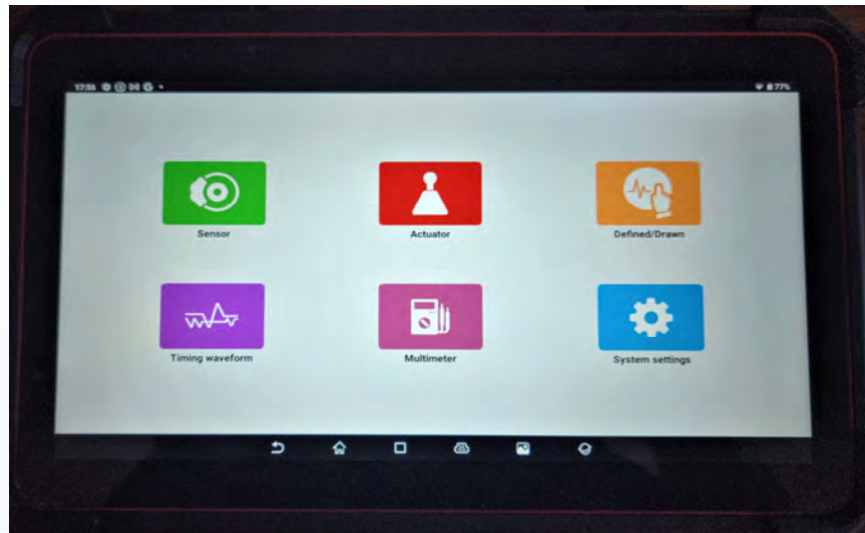


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## LAUNCH X431 Throttle III S2-2 Sensorbox



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## LIVE DEMO - Sensors

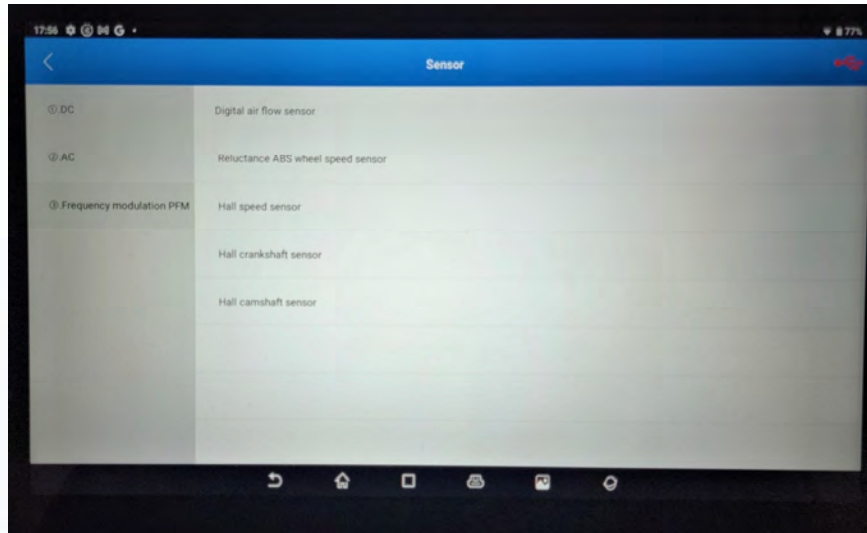
- **AC Voltage**
- **DC Voltage**
- **O2 Sensor**
- **Wheel Speed**
- **Knock Sensor**
- **Digital MAF and more**

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## LAUNCH X431 Throttle III S2-2 Sensorbox - Sensor

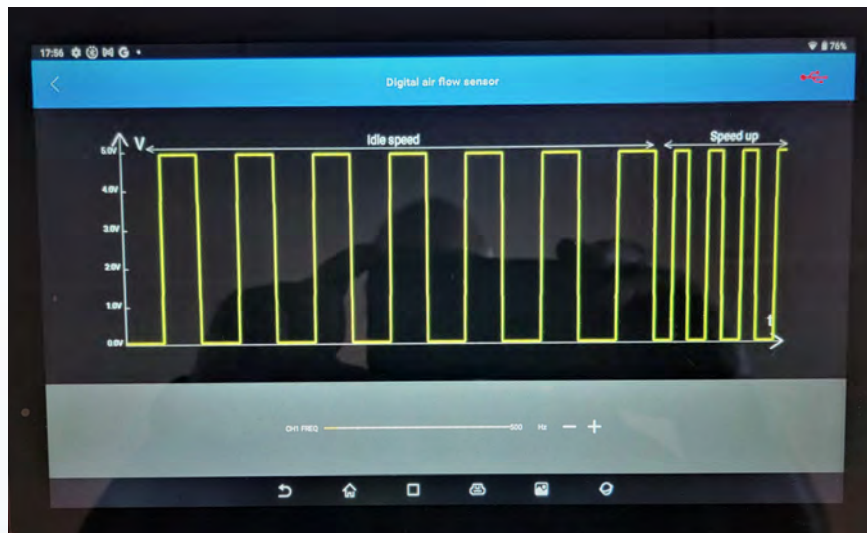


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## LAUNCH X431 Throttle III S2-2 Sensorbox - Sensor Setup

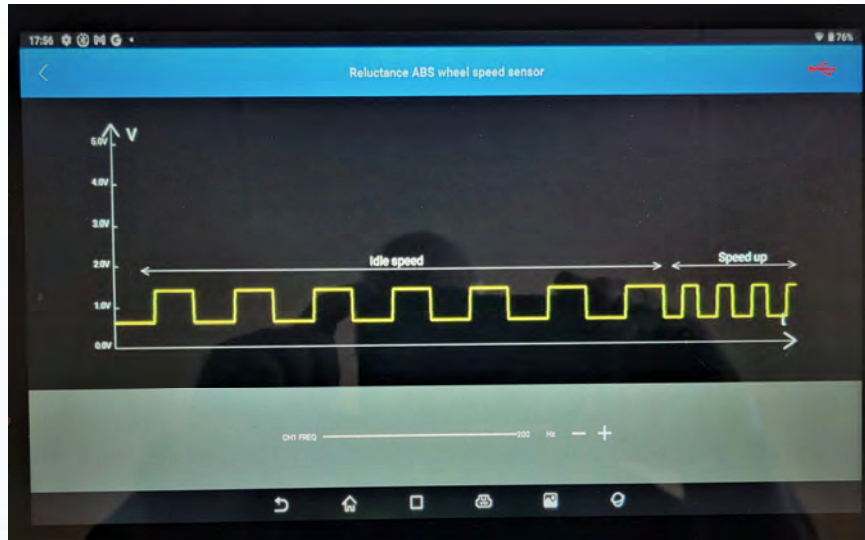


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## LAUNCH X431 Throttle III S2-2 Sensorbox - Sensor Setup

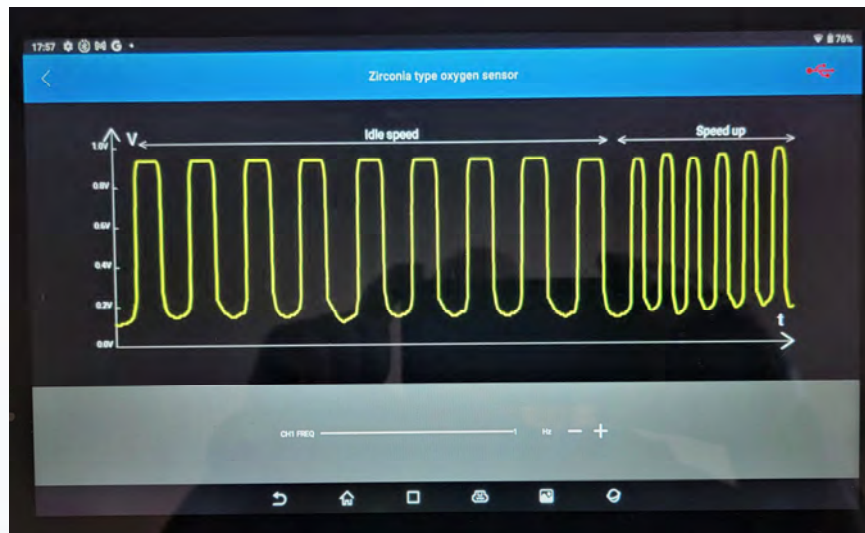


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## LAUNCH X431 Throttle III S2-2 Sensorbox - Sensor Setup

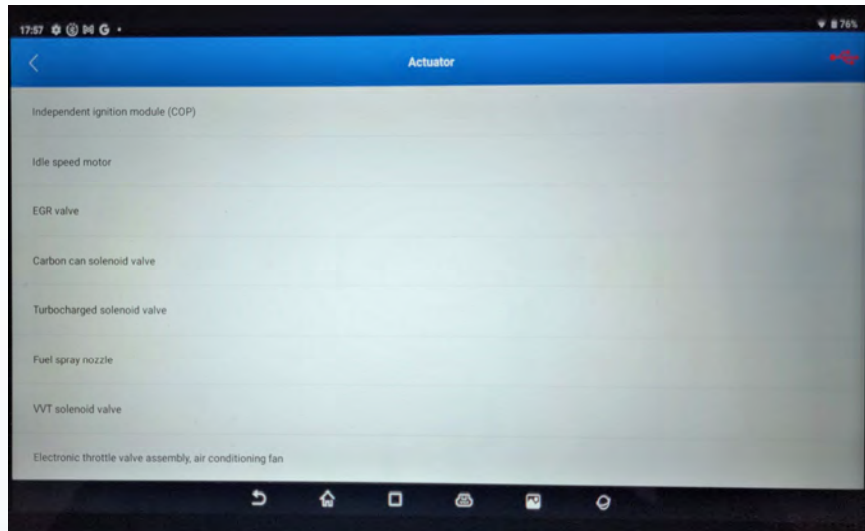


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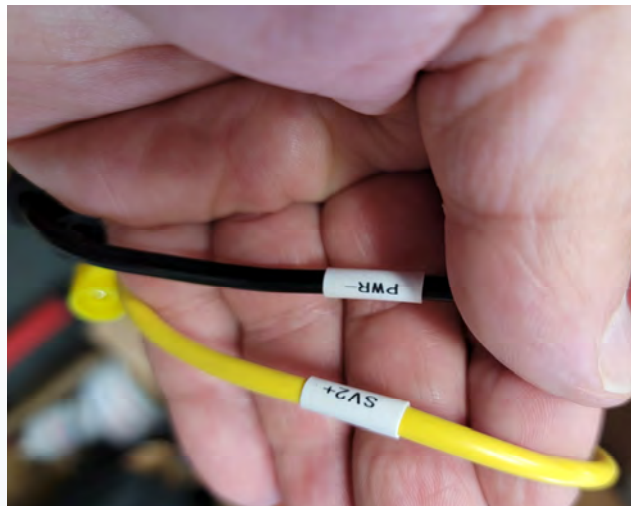
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## LAUNCH X431 Throttle III S2-2 Sensorbox - Actuator Setup



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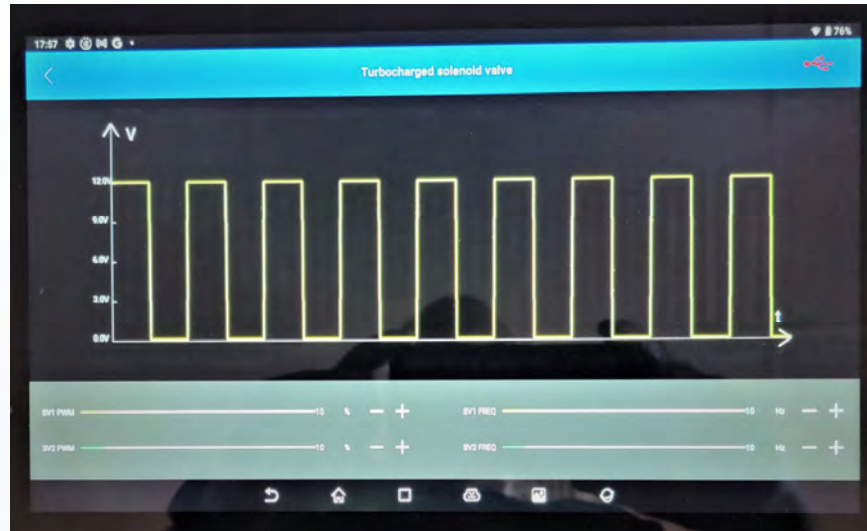
## LAUNCH X431 Throttle III S2-2 Sensorbox - Actuator Wires Setup



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## LAUNCH X431 Throttle III S2-2 Sensorbox - Actuator Setup

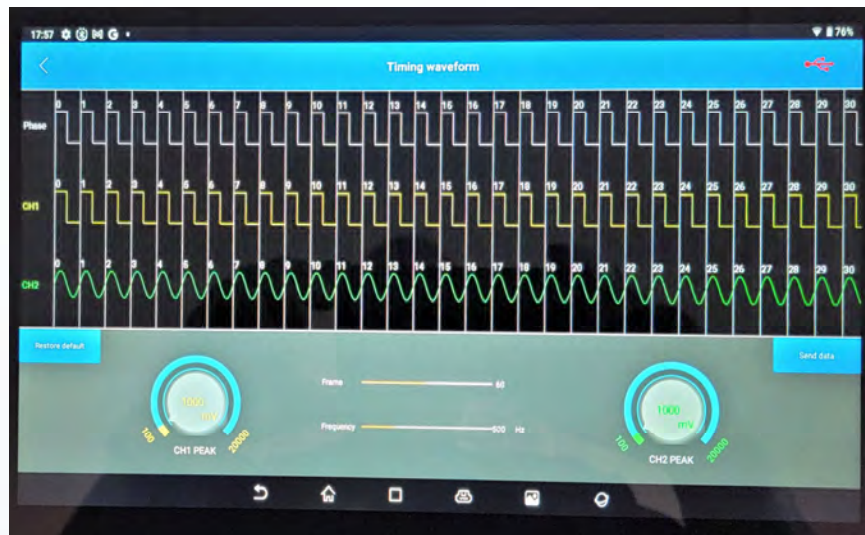


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## LAUNCH X431 Throttle III S2-2 Sensorbox - Timing Setup



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# LIVE DEMO - Actuator

- **EGR**
- **Fuel Pump**
- **EVAP Solenoid**
- **VVT Solenoid**

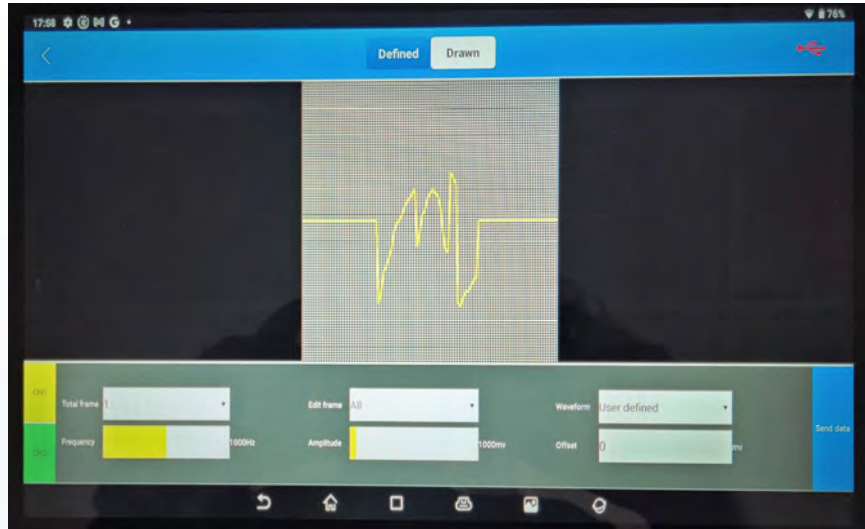
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## LAUNCH X431 Throttle III S2-2 Sensorbox - Meter



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## LAUNCH X431 Throttle III S2-2 Sensorbox - Draw A Waveform

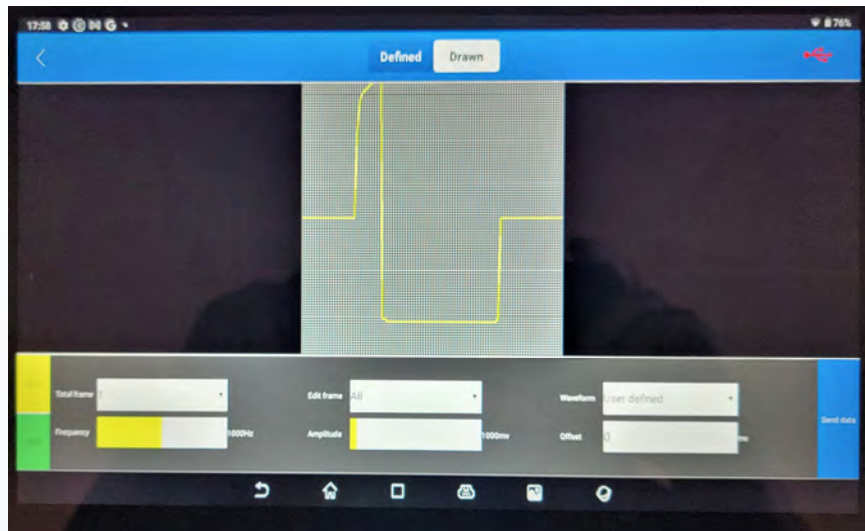


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## LAUNCH X431 Throttle III S2-2 Sensorbox - Draw A Waveform

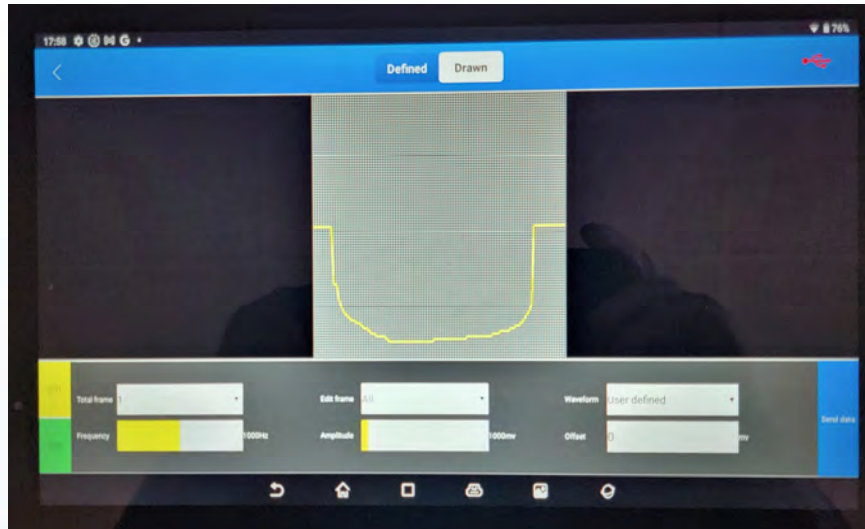


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## LAUNCH X431 Throttle III S2-2 Sensorbox - Draw A Waveform



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## LIVE DEMO - Make A Waveform

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**Dorman "Mastering the Technology" All Day Training Event & Trade Show!**

**Saturday, September 23rd, 2023**  
**8:00am to 6:00pm**  
ATC (Warminster Campus)  
900 Johnsville Blvd, Warminster, PA 18974  
*(Directions)*

**4 Plus Top Instructors!**  
with Dorman's lead trainer  
**"G" Jerry Truglia,**

with **Pete Meier,**  
**Kenneth Zanders,**  
**Two Spanish Classes**

with **Oscar Gomez**  
**Special Key Keynote Speaker:**  
**Carm Capriotto from**  
**"Remarkable Results"**  
for more info. email:  
[drestucci@dormanproducts.com](mailto:drestucci@dormanproducts.com)

**"CAN BUS Communication" 2021 - Instructor Ken Zanders**

This class/seminar explains the working of the control area network and what is needed to know and test. Provided is CAN BUS communication diagnosing and testing using scan tools, meters, BOB (break out box) and Labsopes. and more...

**"Advanced Automotive Labscope" Instructor Pete Meier**

Are you ready to become a Labscope Power User? Learn how to connect, display, and interpret labscope readings on all major brands of labsopes. and more...

**"Advanced Drivability Diagnostics" Instructor "G" Truglia**

This class/seminar utilizes real-world strategies for effective diagnosis and repairs. There will be only ADVANCED procedures taught in this seminar. and more...

**ONLY \$199.00**  
**SIGN UP before Aug. 13**

**get a \$20.00 Discount!**  
**Color Manuals, Lunch Included**

**Spanish Classes:**

**"Electrónica Automotriz: Para los Vehículos de hoy"**

**Instructor Oscar Gomez**

Los temas cubiertos incluyen circuitos y pruebas de circuitos, aperturas, cortocircuitos, caídas de voltaje, pruebas de relés, uso de medidores (DMM), uso de medidores de laboratorio/gráficos, sensores, actuadores. También se cubren el arranque, la batería, el alternador, los sensores, las computadoras y más. Esta capacitación brindará información sobre cómo aprovechar al máximo sus herramientas y equipos, para que pueda encontrar y reparar problemas eléctricos en los vehículos de hoy.

**"Pensamiento Crítico - Estrategias de Diagnóstico 2021" Instructor Oscar Gomez**

Esta popular clase/seminario se actualizó a partir de 2021. El éxito en el diagnóstico de los sistemas de alta tecnología actuales requiere un enfoque de alta tecnología. Esta clase/seminario cubre las herramientas que necesita para hacer frente a estos desafíos. Aprenderá a desarrollar un proceso de diagnóstico y un "Plan de juego" de diagnóstico. Cómo usar las herramientas que le brindan los OEM; Estrategias de ECM, criterios de configuración de códigos, análisis PID y cómo se pueden usar los ajustes de combustible para orientarlo en la dirección correcta. Este seminario también analiza las baterías, incluida la codificación y la reprogramación, el consumo parásito, la caída de voltaje, las pruebas del motor, incluida la compresión relativa, las pruebas de compresión, las fugas de los cilindros, el análisis de gases, las pruebas de flujo de combustible, el ajuste de combustible, el aumento de corriente, las pruebas de PCM, los transductores de presión y la reprogramación. una nueva forma de probar EVAP y mucho más. Esta nueva clase proporcionará las herramientas para el éxito en el diagnóstico de los sistemas de alta tecnología de hoy que requieren un enfoque de alta tecnología. ¡Cubridas están las herramientas que necesita para hacer frente a estos desafíos!

<https://www.dormantraininglive.com/>



We offer greater freedom to fix cars and trucks  
by engineering exclusive, labor-saving  
and cost-effective repair solutions.

***Thank You !***

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