

UN**TED CONCEPT TRAINERS**TM
Electrical Diagnostic Training Aids

Product Catalog

Corporate Bio

United Concept Trainers is redefining the world of electrical diagnostic training aids. Founded in 2010, United Concept Trainers utilizes decades of experience in automotive instruction, United States military service, business, and most of all, common sense, to develop electrical diagnostic training aids for the instructor (too many trainers have priced themselves out of the market leaving a void in teaching electrical concept theory).

Instructors face three challenges: too little money, too many students, and too little time to accomplish live tasks. United Concept Trainers has developed affordable & customizable electrical diagnostic training aids that are practical & durable. Spending under \$2,500 to get a customized electrical diagnostic training aid, built with your 5 circuits of choice, and your organizations logo front and center will make you look like a hero. Isn't it about time all your efforts get noticed? Help yourself. Help your students. United Concept Trainers is the solution!

Executive Bio

Norm Chapman

Norm wrote the book on Automotive Electronics* and then he wrote it again (2nd edition, 2010). Norm is ASE Master Certified and has taught as an automotive instructor at South Puget Sound Community College (SPSCC) for 25 years. He also served as dean of Applied Sciences at SPSCC for a time, but opted to leave the office to spend more time with the students (and cars). Norm is an active Evaluation Team Lead for the National Automotive Technician Education Foundation (NATEF), and has conducted more than 150 NATEF evaluations.

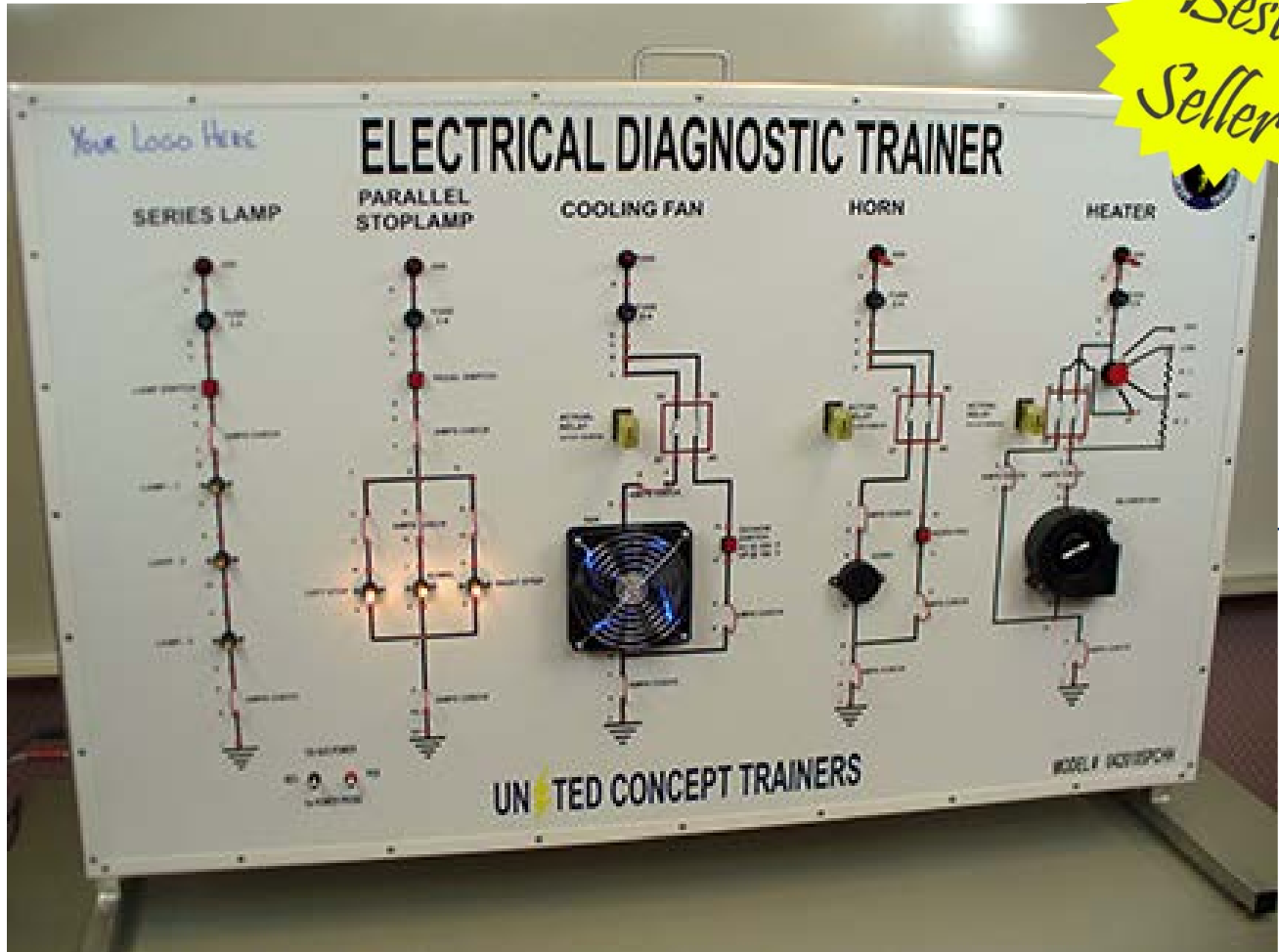
Norm's Textbook: *Principles of Electricity and Electronics for the Automotive Technician (2010) and is available online through Amazon.com or Cengage Learning (Delmar

Bryan Chapman

Bryan serves as President and Chief Operating Officer of United Concept Trainers. He has an MBA with an emphasis in strategy and marketing.

He is married to a perfect wife and together they have three wonderful kids.

Electrical Training Aids
5-Circuit Trainer



5-Circuit Trainer

Circuits	Description	Price	Educational Price
Series Parallel Stoplamp Cooling Fan Horn Heater	Trainer contains five circuits on the face. Aluminum Frame with Aluminum resin-core face. High-quality vinyl diagrams with hundreds of possible instructor generated fault locations. 48" W x 32" H x 6" D	\$2495	\$2195

The Best Selling training aid from United Concept Trainers!

Durable

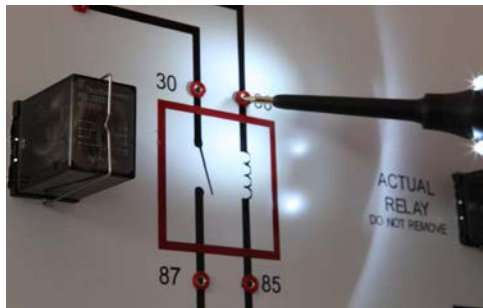


Trainers are made out of strong materials, tested by even the most “challenging” students.

All trainers are constructed of a light-weight, but strong aluminum frame with a commercial-grade aluminum/resin face to ensure years of classroom use under normal circumstances.

Locking rear doors can prevent student access if desired.

Simple



Forget computerized training boards with limited “bugs”, real automobile components, all of which are intimidating to students.

Each training aid from United Concept Trainers is designed to instill confidence in the student.

There are dozens of test points on each circuit. Instructors can easily input “bugs” through the locking “instructor access only”

Affordable

Often times electrical training aids can be overpriced, particularly in teaching basic electrical concepts. United Concept Trainers, LLC. was founded by an automotive instructor just like you, who understands the daily rigors of teaching in the classroom and the pressures you face.

Electrical training aids were designed to fit the budget of any automotive program. Every school also receives an educational discount.

Product Information, 2016

Electrical Training Aids
Single Circuits

Series Circuit

Price: \$595

Educational Price: \$525

Circuit
Series

Description

Basic series circuit consisting of three light bulbs in series with more than twenty test points and dozens of fault combinations.



Parallel Stoplamp Circuit

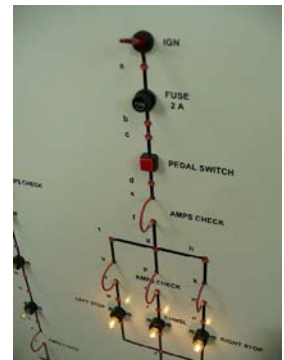
Price: \$595

Educational Price: \$525

Circuit
Parallel Stoplamp

Description

Basic parallel stoplamp circuit consisting of three light bulbs in parallel. This circuit teaches parallel electrical circuits in a simple and effective way using dozens of possible fault combinations.



Horn Circuit

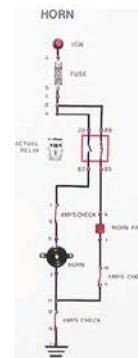
Price: \$595

Educational Price: \$525

Circuit
Horn

Description

Basic horn circuit common in most vehicle applications. Uses a standard 4-pin relay and horn switch. Dozens of fault combinations can teach students the most common faults encountered on real horn circuits.



Product Information, 2016

Electrical Training Aids
Single Circuits

Heater Circuit

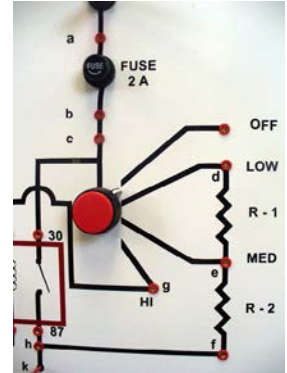
Price: \$595

Educational Price: \$525

Circuit
Heater

Description

This heater circuit is perfect for teaching stepped series resistance. This circuit contains four heater speed positions and dozens of test points for instructor generated faults.



Cooling Fan Circuit

Price: \$595

Educational Price: \$525

Circuit
Cooling Fan

Description

The cooling fan circuit contains an actual 4-pin relay to simulate the cooling fan control circuit. Hundreds of possible fault combinations make this circuit effective at teaching common cooling fault electrical diagnostic concepts.



Rear Defrost Circuit

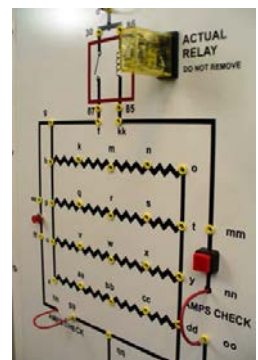
Price: \$595

Educational Price: \$525

Circuit
Rear Defrost

Description

Resistor grid patten simulates the rear window defrost circuit. Complete with more than forty individual test points and a 4-pin control relay, students can gain an in-depth knowledge of electrical troubleshooting steps.



Product Information, 2016

Electrical Training Aids
Single Circuits

NPN Transistor

Price: \$595

Educational Price: \$525

Circuit
NPN Transistor

Description
NEW! NPN Transistor Circuit is the ONLY one on the market that teaches transistor concepts and comes complete with dozens of fault combinations that facilitate teaching NPN electrical transistor concepts.



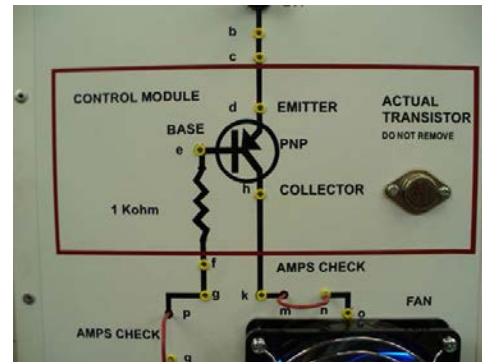
PNP Transistor

Price: \$595

Educational Price: \$525

Circuit
PNP Transistor

Description
NEW! PNP Transistor Circuit is the ONLY one on the market that teaches transistor concepts and comes complete with dozens of fault combinations that facilitate teaching PNP electrical transistor concepts.



Dash Lamp Circuit

Price: \$595

Educational Price: \$525

Circuit
Dash Lamp

Description
NEW! Dash Lamp circuit is perfect for teaching series-parallel circuit concepts using a variable resistance and dozens of potential fault combinations.



Product Information, 2016

Electrical Training Aids
Other Circuits

Voltage Drop Demonstrator

Price: \$425

Circuit

Voltage Drop Demonstrator

Description

NEW! The Voltage Drop Demonstrator provides the hands-on application necessary for students to grasp the concept behind voltage drops on the positive or negative side of a circuit, depending on control switch location.



Ohms Trainer Box

Price: \$79

5-Box Set: \$375

Circuit

Ohms Trainer Box

Description

NEW! Each of the five Ohms Trainer Boxes comes with student worksheet and instructor answer key. This Ohms Trainer Box is the ONLY one like it on the market. Perfect for teaching Ohms connectivity and how to use an Ohm Meter.



How to Order

Ordering is simple:

Step 1: Contact United Concept Trainers to discuss your trainer needs.

Call: 801-360-6149

Email: info@unitedconceptrainers.com

Step 2: Send a Purchase Order.

Email: info@unitedconceptrainers.com

Fax: 888-612-1159

Step 3: Receive Trainer

Generally within three weeks, **NOT** the three to six months when you order from the “other guys”.

Step 4: Remit Payment

Mail payment to: **PO Box 1407, Centralia, WA 98531**

-or-

Call to pay by credit card: 801-360-6149

Don't be the last instructor to say, "I wish I had one of these trainers!"

