

Starter System Troubleshooting (Model 2815/2815N)

AT2815 Troubleshooting Exercise "Starter Circuit" |> 12.60 Return Quit

To use the Ohmmeter you must disconnect power from the circuit: click on the positive battery post. To close/open an individual connector, click the connector on screen.

LOAD TESTER
Test Battery
AMPS VOLTS

SHOP MANUAL SPECS
APPROX. COIL RESISTANCE
75 Ω
20 Ω

FUSE

Hot at All times

Hot in ON and START

Start
On
Off

STARTER RELAY CONTROL

PCM

CHASSIS SYSTEM GROUND

A fault has been inserted into the Starter circuit. Using the meter to troubleshoot the circuit, find and identify the fault.
Click on the 'OK' button after selecting type of fault and fault location.

SELECT TYPE OF FAULT :
 OPEN OR LOW BATTERY
 HIGH RESISTANCE
 SHORT TO GROUND
 SHORT TO VOLTAGE
 SHORTED OR BAD BATTERY

SELECT LOCATION OF FAULT :

OK

FLUKE 97
12.60

The Starter System Troubleshooting Trainer is a software program based on a Starting System and deals with the basic concepts of troubleshooting those automotive components. This program can operate in Random Mode, where the faults are selected randomly for each circuit chosen, or the instructor can select faults from various circuits to be activated as each student runs the program.

Features:

- Realistic operation of starter system.
- Built-in DVOM and Load Tester.
- Student performance is stored in Central Records or on a student USB drive as the student proceeds through the program.
- Instructor uses Instructor Management Program (IMP) to create student record, and assigns ID number and password for student login.
- Visual reinforcement of circuit behavior.
- Network Version Available - model 2815N

Activities Include:

- Troubleshooting section that can insert 47 possible faults into starting circuits for diagnosis in Training or Advance Mode.


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