TrueLink™ Technology

Every Actron scan tool and code reader incorporates CAN and the patented TrueLink Technology which guarantees the tool will link to and communicate with every OBD II compliant (1996 and newer) vehicle assuring the user of fast and accurate diagnostic output - the key ingredient to an effective repair.

actron®

U-Scan™

CP9599 OBD II and CAN Smartphone Interface.

Vehicle diagnostics with your smartphone

VEHICLE DIAGNOSTICS MADE EASY

U-Scan™ provides do-it-yourselfers with access to their vehicle diagnostics using their smartphone.

Get the answers to the cause of the check engine light. Simply plug the adapter into your vehicle and, using your Android or Apple smartphone, read the definitions for the DTCs that caused the check engine light to illuminate.

FREE APP INCLUDED

Save repair time and money. Perform a QuickCheck™ to diagnose and reset your check engine light, view emissions status, read code definitions and more.

HOW IT WORKS
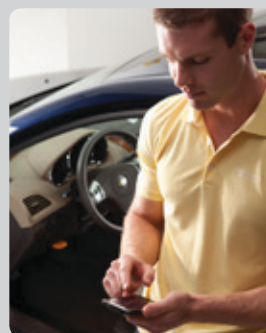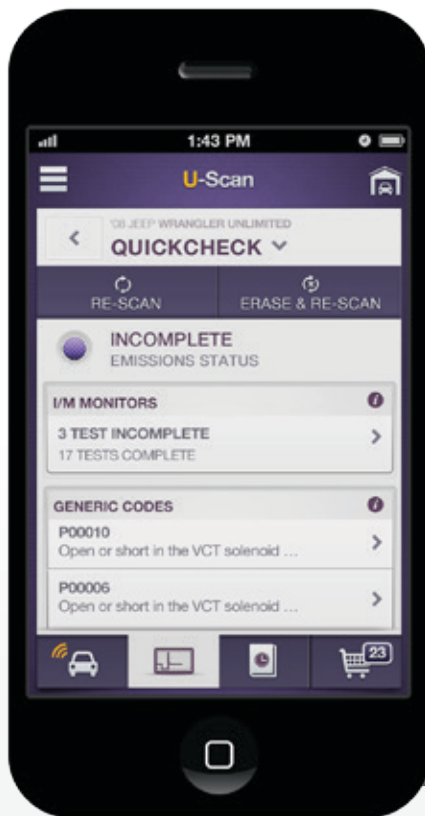

1. Download free U-Scan™ app.

2. Plug U-Scan™ into vehicle port usually found underneath steering column.

3. Instantly connect your smartphone to your vehicle.

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9599 Case Pack	4	2 lbs	6.8"H x 4.2"W x 8.5"D	20021467854122
CP9599 Unit	1	0.5 lbs	6.3"H x 4"W x 2"D	021467854128

U-SCAN™ APP FEATURES

- **QuickCheck™** Summary of vehicle emissions, DTCs and code definitions
- **AutoID™** Automatically identify most 2000 and newer vehicles
- **TrueLink™** Guaranteed to link to all 1996 and newer vehicles
- **Vehicle Activity Log** History of vehicle tests and procedures
- **MyGarage™** Manage vehicles for easy access

QUICKCHECK™ FEATURES

- Read DTCs and code definitions.
- Erase DTCs and turn off the Check Engine light.
- I/M Monitors (Emissions).

Works with all cars and light trucks
1996 and newer (OBD II & CAN)

Made for
iPod iPhone

U-Scan™
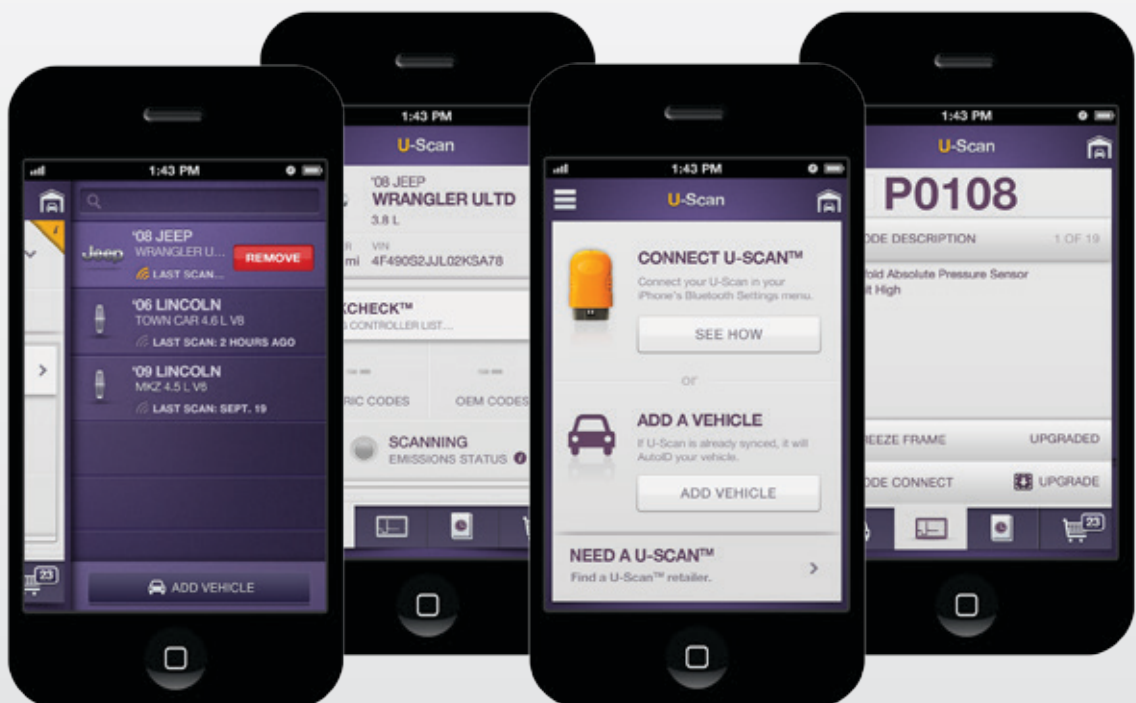
CP9599 OBD II and CAN Smartphone Interface.

Want to know more than the basics?

GET ADVANCED APP FEATURES

POWERTRAIN ENHANCED DATA

- Get access to Powertrain DTCs and definitions related to the check engine light for most 1996 and newer GM, Ford, Chrysler, Honda, Hyundai, Nissan and Toyota vehicles via the manufacturer specific diagnostic command.
- Manufacturer specific code definitions for GM, Ford, Chrysler, Toyota, Honda, Nissan, Hyundai, Audi, BMW, Daewoo, Isuzu, Jaguar, Kia, Land Rover, Mazda, Mercedes Benz, Mitsubishi, Porsche, Saab, Subaru, Suzuki, Volkswagen, and Volvo.
- Freeze Frame data - Details the conditions of the vehicle at the time the DTC was set.
- View and Graph LIVE Data - View RPMs, coolant temperature, oxygen sensor readings and more for a faster diagnosis. Over 300 sensor and data items are available as supported by vehicle.
- Unlock CodeConnect™ and access the most likely cause of the check engine light. Get manufacturer specific powertrain DTC fixes. (If CodeConnect™ is owned.)
- Enable manufacturer specific diagnostic command for Erase DTCs.

Includes Over 4.3 Million Top Reported Fixes
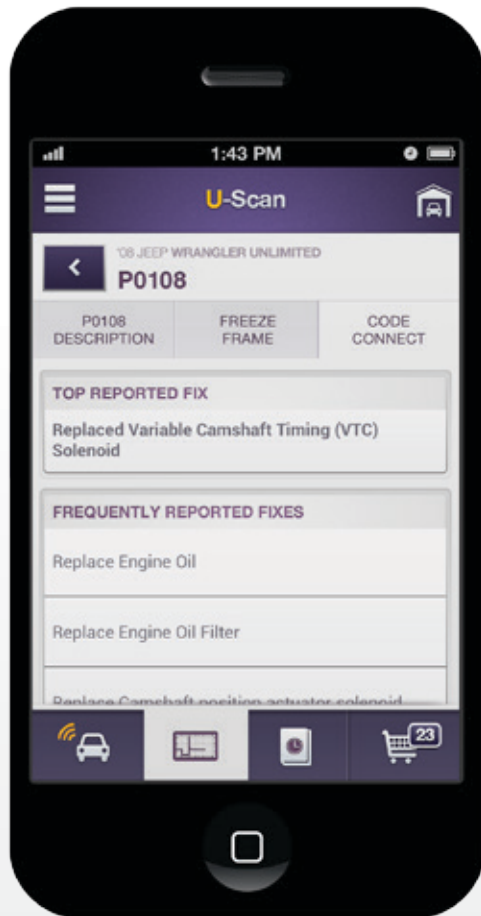
CODECONNECT®

Get the next step in diagnosing your vehicle. CodeConnect™ is a comprehensive database of over 4.3 million verified fixes for the DTCs that cause the check engine and ABS warning lights to illuminate. These actual vehicle fixes have been reported and then verified by our team of ASE certified technicians.

ABS DTCS AND DEFINITIONS
- Get access to the ABS brake DTCs and definitions related to the ABS warning light for most 1996 and newer GM, Ford, Chrysler, Honda, Hyundai, Nissan and Toyota vehicles.
- Unlock CodeConnect™ ABS fixes and access the most likely cause of the ABS warning light (If CodeConnect™ is owned.)
- Enable manufacturer specific diagnostic command for Erase DTCs.

AIRBAG DTCS AND DEFINITIONS
- Get access to the airbag DTCs and definitions related to the airbag warning light for most 1996 and newer GM, Ford, Chrysler, Honda, Hyundai, Nissan and Toyota vehicles.
- Unlock CodeConnect™ airbag fixes and access the most likely cause of the airbag warning light (If CodeConnect™ is owned.)
- Enable manufacturer specific diagnostic command for Erase DTCs.

Note: You must purchase Powertrain Enhanced Data and/or ABS DTCs and Definitions, and/or Airbag DTCs and Definitions to access respective CodeConnect coverage for manufacture specific Powertrain, ABS warning lights, and Airbag warning lights

OBD II AUTOSCANNER® PLUS

CP9580A Trilingual* OBD II, CAN and ABS Scan Tool

Now with expanded Asian and ABS coverage and over 4.3 million verified fixes that tell you what is wrong with your car!

THE TOP REPORTED FIX IS THE MOST PROBABLE SOLUTION TO THE VEHICLE PROBLEM AND IS A SHORTCUT FOR TROUBLESHOOTING EFFORTS.

The new CP9580A AutoScanner Plus with CodeConnect™ and ABS displays not just the DTC, but also helps prioritize troubleshooting with the Top Reported Fixes specific to the vehicle's make, model, year and engine at the touch of the CodeConnect hot key to "connect" with the most probable solution to the problem.

CodeConnect is a comprehensive database of over 4.3 million verified fixes for the DTCs that cause the check engine light to illuminate. These actual vehicle fixes have been reported and then verified by our team of ASE certified technicians.

The CodeConnect information takes vehicle repairs to another level for do-it-yourselfers and technicians alike. CodeConnect provides actual fixes to the problem causing the check engine light to illuminate - providing the Top Reported Fix from the CodeConnect database.

*Code Connect data in English only

Patent No. Des. 6,701,233
Patent No. Des. 6,928,349

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9580A Case Pack	4	5 lbs	11.5" H x 8.5"W x 7"D	20021467854078
CP9580A Unit	1	1.25 lbs	10.45"H x 7"W x 1.75"D	021467854074

OBD II AUTOSCANNER® PLUS
CP9580A Trilingual* OBD II, CAN and ABS Scan Tool

NEW FEATURES
- Asian Powertrain and ABS coverage (Honda, Nissan, Toyota and Hyundai 1996-2009 vehicles)
- Enhanced code request for GM, Ford, Chrysler, Toyota, Honda, Nissan and Hyundai vehicles
- AutoID – Automatically retrieves the VIN from the vehicle and decodes it to YMM
- Updated vehicle year DTC coverage – Domestic to 2010, Asian to 2009 European to 2008
- Update to CodeConnect database – Updated from over 3 million fixes to over 4.3 million fixes
- Component Locator – Text based descriptions indicate where on the vehicle a component is located
- New long PID name feature – Full PID name will scroll across the bottom of the screen when the PID is highlighted (Example: CTS - Coolant Temperature Sensor)
- Additional live datastream items (how the engine is performing while the engine is running) with over 300 possible PIDs available

SOFTWARE FEATURES
- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as '94 and '95 OBD II compliant vehicles
- Read and erase DTCs
- Custom data list for LIVE data
- Record and playback LIVE engine data, graph LIVE data
- Displays all modes global OBD II data
- Freeze frame data
- OBD II generic and manufacturer specific DTC definitions
- Drive cycle mode
- Read and display MIL status and I/M monitors
- State OBD check
- DTC lookup library
- Visual indicator when communicating with vehicle
- Trilingual menus and definitions

HARDWARE FEATURES
- Optional battery power
- Trilingual manual (English, Spanish, and French)
- Field updateable via USB port
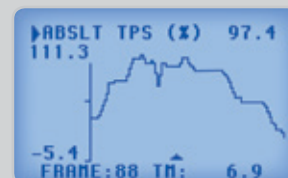- Print data to PC

AutoScanner® Plus indicates on screen which codes have the CodeConnect details. Then it's a simple push of the button to get the CodeConnect information.

Field updateable via USB port

ABS code screen view

**Record, graph and playback LIVE data screen view**

ELITE AUTOSCANNER® PRO
CP9190 Trilingual OBD I, OBD II Enhanced and CAN Scan Tool Kit

Covers more vehicles for the advanced do-it-yourselfer!

CP9190 Trilingual Elite AutoScanner Pro offers advanced do-it-yourselfers the features they asked for in a scan tool. Enhanced features include the ability to read manufacturer specific DTCs, graph engine data, record and playback stored vehicle information, and the ability to print the information through a PC. Compatible with all 1996 and newer vehicles (OBD II), the CP9190 has all the same software features of the CP9185 but also includes OBD I cables for 1984 - 1995 GM, Ford and Chrysler vehicles. Reads LIVE engine data for both OBD II and OBD I vehicles.
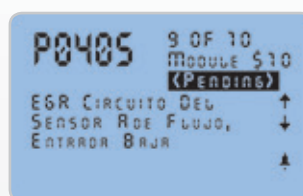
Spanish
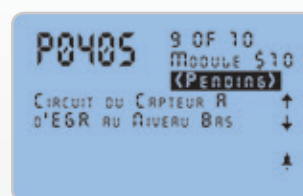
French

FEATURES
- OBD I functionality – cables included for '84-'95 Ford, ' 84-'95 GM and '89-'95 Chrysler vehicles
- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as '94 and '95 OBD II compliant vehicles.
- Graph data – (1996 and newer)
- Trilingual menu and options – English, French, Spanish
- Read, record and play back LIVE sensor data
- Reads, displays and erases generic, enhanced Diagnostic Trouble Codes (DTCs)
- On screen code definitions
- Resets check engine light

Patent No. Des. 6,701,233
Patent No. Des. 6,928,349

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9190 Case Pack	1	8 lbs	5"H x 14"W x 16"D	20021467850476
CP9190 Unit	1	8 lbs	5"H x 14"W x 16"D	021467850472

ELITE AUTOSCANNER® PRO

CP9190 Trilingual OBD I, OBD II Enhanced and CAN Scan Tool Kit
including cables

FEATURES

- USB included for internet updates
- Large, backlit, graphic LCD
- Displays emissions readiness status (I/M Readiness Monitors)
- Displays freeze frame data
- OBD II code library built into tool
- Displays O2 monitor test
- State OBD II check (emissions)
- OBD II drive cycle mode
- Displays MIL status
- Diagnostic monitor test

- Retains the most recently scanned vehicle's data and configuration
- Battery powered for review of vehicle data off vehicle
- Vehicle information (includes VIN and calibration IDs)
- Help screens
- DTC look-up feature
- PC compatible with ability to print
- Cables, adapters, hard case, and manual

CP9190 KIT INCLUDES
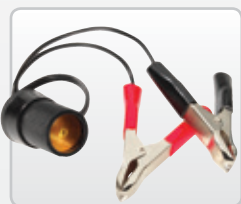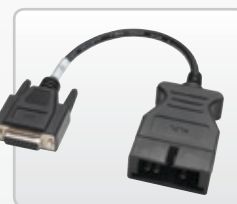
CP9190 includes most of the following:			
CP9190 handset	Ford OBD I MCU/EEC-IV cable	Blow molded hard case	Cigarette lighter adapter
COBD II cable	Chrysler OBD I SCI cable	USB cable	Vehicle battery adapter
GM OBD I ALDL cable	Manual	6-foot extension cable	
Optional cable available: CP9130 Chrysler LH on page 18		*Optional cable available: CP9131 Ford MECS on page 18*	

ELITE AUTOSCANNER®

CP9185 Trilingual OBD II Enhanced and CAN with Optional OBD I

If you need all the features of the Elite AutoScanner Pro but not all the cables; this is your tool!

Compatible with all 1996 and newer vehicles (OBD II & CAN), the CP9185 Trilingual Elite AutoScanner includes all the same software features of the CP9190 with the option to upgrade to OBD I LIVE data and code coverage for 1984-1995 GM, Ford and Chrysler vehicles. Enhanced features include the ability to read manufacturer specific DTCs, graph engine data, record and play back stored vehicle information, and the ability to print the information through a PC.
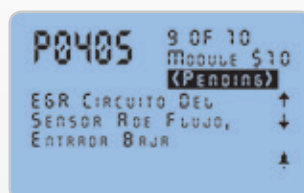
Spanish
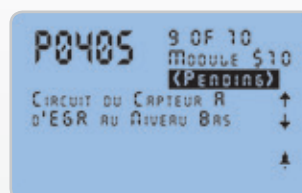
French

Patent No. Des. 6,701,233
Patent No. Des. 6,928,349

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9185 Case Pack	1	4 lbs	5"H x 10"W x 13"D	20021467850773
CP9185 Unit	1	4 lbs	5"H x 10"W x 13"D	021467850779

ELITE AUTOSCANNER®

CP9185 Trilingual OBD II Enhanced and CAN with Optional OBD I

FEATURES

- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as '94 and '95 OBD II compliant vehicles.
- OBD I functionality – optional cables available for '84-'95 Ford, '84-'95 GM and '89-'95 Chrysler vehicles
- Graph data – (1996 and newer)
- Trilingual menu and options – English, French, Spanish
- Read, record and playback LIVE sensor data
- Reads, displays and erases generic, manufacturer specific and enhanced Diagnostic Trouble Codes (DTCs)
- Resets check engine light
- USB included for internet updates
- Large, backlit, graphic LCD
- Displays emissions readiness status (I/M Readiness Monitors)
- Displays freeze frame data
- OBD II code library built into tool
- Displays O2 monitor test
- State OBD II Check (emissions)
- OBD II drive cycle mode
- Displays MIL status
- Diagnostic monitor test
- Retains the most recently scanned vehicle's data and configuration
- Battery powered for review of vehicle data off vehicle
- Vehicle information (includes VIN and calibration IDs)
- Help screens
- DTC look-up feature
- PC compatible with ability to print
- Cables, soft case, and manual

CP9185 KIT INCLUDES

Extension cable **OBD II cable** **USB cable** **Soft case**
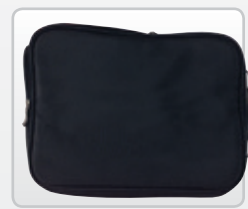
CP9185 includes the following 6 items:	
CP9185 handset	6-foot extension cable
OBD II cable	Soft case and manual
USB cable	

Below are optional cables and case available: pg. 18-19	
CP9127 GM ALDL kit	CP9130 Chrysler LH
CP9128 Ford MCU	CP9131 Ford MECS
CP9129 Chrysler SCI kit	CP9184 Hard carrying case

OBD II AUTOSCANNER®

CP9575 Trilingual OBD II and CAN Scan Tool

Get the power and features of a professional grade scan tool at a code reader price!

NOW, MORE AFFORDABLE THAN EVER AND READS LIVE DATA.

Live Data allows you to view vehicle sensor, switch and relay inputs in real time, while the engine is running. LIVE data information helps pinpoint the problem components for a faster diagnosis.

AutoScanner has the ability to display generic and manufacturer specific DTCs and definitions, 6 modes of OBD II data, permanent DTCs, trilingual, freeze frame, State OBD check (emissions), drive cycle mode and much more.

- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as 1994 and 1995 OBD II compliant vehicles
- Convenient size, operate with one hand
- LIVE real-time data, over 300 possible data PIDs available depending on vehicle
- Over 15,000 generic and manufacturer specific DTC definitions
- Reset MIL and turn off Check Engine light
- Backlit display

Patent No. Des. 6,701,233
Patent No. Des. 6,928,349

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9575 Case Pack	4	4 lbs	11"H x 6.25"W x 5.5"D	20021467853118
CP9575 Unit	1	1 lbs	10"H x 6"W x 1.25"D	021467853114

actron® SCAN TOOLS

OBD II AUTOSCANNER®

CP9575 Trilingual OBD II and CAN Scan Tool

FEATURES

- Read and display LIVE engine data
- Displays OBD II generic and manufacturer specific definitions on screen
- Read and display MIL status
- Read and erase DTCs
- Tool gives visual indication when the trying to communicate and retrieve data from an OBD II vehicle.
- Read and display all available I/M Monitors (emissions)
- Read and display pending DTCs
- Read and display freeze frame data (snapshot of vehicle data at the time of the fault)
- Read and display VIN, CVN and Cal ID
- Display State OBD check
- Display OBD II Drive Cycle Mode
- Field updateable via USB port
- CE certification
- Trilingual menu, manual and definitions (English, Spanish, French)
- System setup menu includes language setup, unit of measure, display test, keypad test, memory test, tool information and program mode

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DISPLAYS DTCS IN THREE LANGUAGES

P0405 9 OF 10 MOD $10 EGR Flow Sensor A Circuit Low Input	P0405 9 OF 10 MOD $10 EGR Circuito Del Sensor A de Flujo, Entrada Baja	P0405 9 OF 10 MOD $10 Circuit du Capteur A d'EGR au Niveau Bas
English	**Spanish**	**French**

ENHANCED P1 DTC FOR A 1999 DODGE DURANGO 4 X 4, 5.2L

P1492 9 OF 10 MOD $10 AMBIENT/BATTERY TEMPERATURE VOLTAGE HIGH	P1492 9 OF 10 MOD $10 SENSOR TEMPERATURA AMBIENTE/BATERIA, VOLTAGE ALTO	P1492 9 OF 10 MOD $10 HAUTE TENSION DE LA TEMPERATURE DE LA BATTERIE/AMBIANTE
English	**Spanish**	**French**

OBD II POCKETSCAN® PLUS

CP9550 OBD II and CAN Code Reader

PocketScan Plus is the most advanced, powerful and compact code reader available.

Diagnostic Trouble Codes (DTC's) and descriptions are just a start of the tasks it can handle. PocketScan Plus also provides freeze frame data, permanent DTCs, VIN info and performs the important task of Inspection Maintenance (I/M) readiness testing by displaying the I/M readiness monitor status.

THE SMALL SIZE MAKES IT PERFECT FOR EASY STORAGE AND USE.

FEATURES
- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as '94 and '95 OBD II compliant vehicles
- Automatically reads DTCs when connected for fast diagnostics
- Displays OBD II generic DTC definitions
- Reads and displays DTCs
- Erases DTCs
- Reads and displays MIL status
- Read and display all available I/M monitors (emissions)
- Reads and displays pending DTCs
- Reads and displays freeze frame data
- Reads and displays VIN
- OBD II cable (attached) manual included
- Diagnose and maintain vehicle
- View vehicle emissions data
- Over 4,000 generic DTC definitions
- Compatible with ALL 1996 and newer vehicles (OBD II & CAN)
- Reset MIL and turn off the Check Engine light
- Backlit display

Patent No. Des. 6,701,233
Patent No. Des. 6,928,349

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9550 Case Pack	4	3 lbs	9"H x 5.5"W x 5.25"D	20021467853248
CP9550 Unit	1	0.75 lbs	8.5"H x 5.375"W x 1.25"D	021467853244

OBD II POCKETSCAN®

CP9125 OBD II and CAN Code Reader

PocketScan code reader, an easy-to-use tool for novice and light-to-moderate do-it-yourself customers, providing industry leading value.

PocketScan code reader enables the user to read OBD II DTCs from the on-board computers of 1996 and newer cars and light trucks. This gives the user the ability to quickly determine the cause of the Check Engine light coming on. Once repairs are made, the PocketScan allows the user to clear the DTCs and turn off the check Engine Light.

FEATURES
- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as '94 and '95 OBD II compliant vehicles
- Reads DTCs
- Erases DTCs
- Displays emissions status
- Displays MIL status
- Indicates number of DTCs pulled
- OBD II cable (attached) and manual included

Patent No. Des. 6,701,233
Patent No. Des. 6,928,349

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9125 Case Pack	4	3.36 lbs	11"H x 8.25"W x 6.63"D	20021467091251
CP9125 Unit	1	0.84 lbs	10"H x 6"W x 1.60"D	021467091257

OBD I Code Scanner® GM

CP9001 High Value Solutions for OBD I

FEATURES
- Retrieves engine and ABS DTCs from the on-board computer
- DTCs flash on dashboard Check Engine light
- Use on 1982-1993 domestic GM and Saturn vehicles

OBD I Code Scanner® Ford

CP9015 High Value Solutions for OBD I

FEATURES
- Retrieves engine DTCs from the on-board computer
- Uses audio and visual indicators for reading DTCs
- Built-in battery eliminates cables
- Accesses Ford's self-test system
- Use on 1984-1995 domestic Ford, Lincoln and Mercury vehicles

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9001 Case Pack	4	4 lbs	12.5"H x 9"W x 12.25"D	20021467090018
CP9001 Unit	1	1 lbs	10"H x 6"W x 2.25"D	021467090014
CP9015 Case Pack	4	4 lbs	12.5"H x 9"W x 12.25"D	20021467090155
CP9015 Unit	1	1 lbs	10"H x 6"W x 2.25"D	021467090151

	CP9001	CP9015	CP9125	CP9550	CP9575	CP9580A	CP9185	CP9190
OBD I (1995 and older) GM	✓						optional	✓
OBD I (1995 and older) Ford		✓					optional	✓
OBD II and CAN (1996 and newer)			✓	✓	✓	✓	✓	✓
Reads DTCs, erases DTCs and turns of CEL			✓	✓	✓	✓	✓	✓
Reads permanent DTCs				✓	✓	✓		
Displays emissions status			✓	✓	✓	✓	✓	✓
Patented TrueLink® technology- guarantees link to OBD II			✓	✓	✓	✓	✓	✓
RepairPath.com - repair information			✓	✓	✓	✓	✓	✓
Patented READ and ERASE hot keys			✓	✓	✓			
On screen DTC definitions				✓	✓	✓	✓	✓
Displays freeze frame data				✓	✓	✓	✓	✓
Vehicle information (mode 9)				VIN	✓	✓	✓	✓
Displays live engine data					✓	✓	✓	✓
Internet updateable					✓	✓	✓	✓
Trilingual menu and DTC definitions					✓	✓	✓	✓
Manufacturer specific DTC definitions					✓	✓	✓	✓
Record and play back data						✓	✓	✓
Graphs data						✓	✓	✓
DTCs retained in memory						✓	✓	✓
Print screen data to PC						✓	✓	✓
Displays all modes global OBD II data						✓	✓	✓
Read & erase ABS DTCs (1996-2010 GM, Ford and Chrysler, 1996-2009 Honda, Hyundai, Nissan and Toyota)							✓	
CodeConnect®							✓	
Component Locator indicates part location on vehicle							✓	
AutoID identifies vehicle being scanned							✓	
OBD I cables GM ALDL, Ford MCU/EEC-IV (1984-1995) Chrysler SCI (1989-1995)							optional	✓
OBD I cables Ford MECS (1984-1995), Chrysler LH (1989-1995)							optional	optional
OBD I LIVE data coverage							optional	✓

DETAILED TOOL COMPARISON

Refer to the table below to determine which scan tool or code reader you need.

HARDWARE FEATURES	CP9125	CP9550	CP9575	CP9580A	CP9185	CP9190
Detachable cable					✓	✓
Back lit display		✓	✓	✓	✓	✓
USB cable included for online update				✓	✓	✓
Soft carrying case					✓	
Blow molded storage case						✓
SOFTWARE FEATURES	**CP9125**	**CP9550**	**CP9575**	**CP9580A**	**CP9185**	**CP9190**
On-screen DTC definitions		✓	✓	✓	✓	✓
Updateable online			✓	✓	✓	✓
Battery low indicator				✓	✓	✓
Review data off vehicle				✓	✓	✓
DTC lookup on tool				✓	✓	✓
Record and playback live sensor data				✓	✓	✓
Print data				✓	✓	✓
Display graphing data				✓	✓	✓
CodeConnect and domestic ABS coverage				✓		
OBD II ENHANCED	**CP9125**	**CP9550**	**CP9575**	**CP9580A**	**CP9185**	**CP9190**
1996 and newer GM, Ford and Chrysler enhanced DTCs			✓	✓	✓	✓
OBD II GENERIC	**CP9125**	**CP9550**	**CP9575**	**CP9580A**	**CP9185**	**CP9190**
Read DTCs, pending DTCs and erase DTCs	✓	✓	✓	✓	✓	✓
Malfunction Indicator Lamp (MIL) status	✓	✓	✓	✓	✓	✓
Inspection/Maintenance (I/M) readiness monitor status (emissions)	✓	✓	✓	✓	✓	✓
View freeze frame data (engine parameters at time of default)			✓	✓	✓	✓
State OBD check			✓	✓	✓	✓
Displays vehicle information (VIN and calibration ID)		VIN	✓	✓	✓	✓
View LIVE engine data parameters (PIDS)			✓	✓	✓	✓
OBD II drive cycle mode			✓	✓	✓	✓
Manufacturer specific DTCs			✓	✓	✓	✓
O2 monitor test				✓	✓	✓
PROTOCOLS	**CP9125**	**CP9550**	**CP9575**	**CP9580A**	**CP9185**	**CP9190**
CAN (all 2008 vehicles are required to use this protocol)	✓	✓	✓	✓	✓	✓
Keyword 2000, ISO-9142-2, J-1850 (VPW & PWM)	✓	✓	✓	✓	✓	✓
OBD I CABLES	**CP9125**	**CP9550**	**CP9575**	**CP9580A**	**CP9185**	**CP9190**
OBD I cables for 1984-1995 GM, Ford & 1989-1995 Chrysler vehicles					optional	✓

DETAILED TOOL COMPARISON

OBD I scan tool features.

GM OBD I	CP9125	CP9550	CP9575	CP9580A	CP9185	CP9190
12 Pin Data Link Connector (DLC)					optional	✓
16 Pin Data Link Connector (DLC)					optional	✓
Field service mode					optional	✓
Transmission DTCs					optional	✓
Diesel 6.2 & 6.5 liter engines					optional	✓
Saturn data List					optional	✓
Read and clear DTCs					optional	✓
View LIVE data					optional	✓

FORD OBD I	CP9125	CP9550	CP9575	CP9580A	CP9185	CP9190
EEC IV system					optional	✓
MECS - available					optional	✓
MCU system					optional	✓
KOEO & KOER DTCs					optional	✓
Continuous memory DTCs					optional	✓
Cylinder balance test					optional	✓
IVSC speed control					optional	✓
ABS					optional	✓
STAR test mode					optional	✓
Output switch test					optional	✓
Erase DTCs					optional	✓
View LIVE data					optional	✓

CHRYSLER OBD I	CP9125	CP9550	CP9575	CP9580A	CP9185	CP9190
SCI protocol					optional	✓
LH cable (Intrepid, Concord New Yorker Vision, LHS)					optional	✓
Sensor test					optional	✓
Switch test					optional	✓
Actuator test					optional	✓
Emissions Maintenance Reminder (EMR) lamp reset					optional	✓
Idle speed test					optional	✓
Read and clear DTCs					optional	✓
View LIVE data					optional	✓
Controller ID					optional	✓

SCAN TOOL ACCESSORIES

CP9127 GM ALDL Cable Kit
- CP9185 and CP9190
- 1984-1995 GM vehicles with ALDL connector
- Also for older models CP9145 and CP9150
- Includes cigarette lighter adapter

CP9128 Ford MCU/EEC-IV Cable Kit
- CP9185 and CP9190
- 1984-1995 Ford and Lincoln vehicles with MCU/EEC-IV connector
- Also for older models CP9145 and CP9150
- Includes cigarette lighter and vehicle battery adapters

CP9129 Chrysler SCI Cable Kit
- CP9185 and CP9190
- 1989-1995 Chrysler vehicles with SCI connector
- Also for older models CP9145 and CP9150
- Includes cigarette lighter adapter

CP9130 Chrysler LH Cable
- CP9185 and CP9190
- 1989-1995 Chrysler vehicles with LH connector
- Also for older models CP9145 and CP9150
- Includes cigarette lighter adapter

CP9131 Ford MECS Cable
- CP9185 and CP9190
- 1984-1995 Ford and Lincoln vehicles with MECS connector
- Also for older models CP9145 and CP9150
- Includes cigarette lighter and vehicle battery adapters

SCAN TOOL ACCESSORIES

CP9142 OBD II Cable
- CP9185 and CP9190
- Also for older models CP9145 and CP9150

CP9183 USB Update Cable
- For models CP9575, CP9580A, CP9185, CP9190

CP9144 Soft Carrying Case
- CP9185 and CP9190
- Also for older models CP9145 and CP9150

CP9184 Hard Carrying Case
- CP9185 and CP9190

CP9186 OBD II 8' Extender Cable
- For models CP9185 and CP9190

CP9143 OBD II 8' Extender Cable
- For older models CP9145 and CP9150

AUTOTROUBLESHOOTER®
CP7677 Digital Multimeter and Engine Analyzer

This professional level meter performs all standard electrical tests for on-car and bench troubleshooting, including tach, dwell, volts, ohms and diode.

FEATURES INCLUDE A FOLD-OUT STAND AND TEST LEAD HOLDERS AT BACK OF TOOL FOR CONVENIENT LEAD STORAGE.

FEATURES
- Tests starting & charging, ignition and fuel delivery systems
- Locate faulty wiring and components
- Extra-large, easy-to-read digital LCD
- On-screen test leads connection reminder
- Automatic reverse polarity indication
- Automatic zero adjust
- Overload protection on all ranges
- Includes protective boot, detachable color-coded test leads, alligator clips and detailed instructions

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7677 Case Pack	4	5.75 lbs	6.5"H x 8.5"W x 10.5"D	20021467076777
CP7677 Unit	1	1.5 lbs	2"H x 6"W x 10"D	021467076773

AUTOANALYZER®

CP7665 Digital Multimeter

The AutoAnalyzer performs all standard electrical tests for on-car and bench troubleshooting.

FEATURES INCLUDE A FOLD-OUT STAND AND TEST LEAD HOLDERS AT BACK OF TOOL FOR CONVENIENT LEAD STORAGE.

FEATURES
- Measures AC/DC voltage, DC current and resistance
- Tests diodes and batteries
- Tests fuses, switches, solenoids and relays
- Backlit LCD is easy to read day or night
- Hold button retains display data
- Automatic polarity sensing to avoid reversed test lead hook-up
- Automatic zero adjustment for volts, amps and battery tests for accurate measurements
- Low battery indication for user convenience (9V battery not included)

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7665 Case Pack	4	4lbs	6.5"H x 8.5"W x 9.5"D	20021467076654
CP7665 Unit	1	1 lbs	9.25"H x 6"W x 1.8"D	021467076650

METER COMPARISON

FUNCTIONS	CP7677 RANGE	CP7665 RANGE	CP7672 RANGE
DC volts	200mV-1000V	200mV-500V	200mV-1000V
AC volts	2V - 750V	200V-500V	200V - 750V
DC amps	200mA - 10A	200mA - 10A	200mA - 10A
OHMS	200Ω - 20MΩ	200Ω - 20MΩ	200Ω - 2MΩ
Diode check	✓	✓	✓
Dwell	4,6,8 CYL		
Tach	✓		
Continuity	✓		
Battery test		1.5V, 9V, 12V	
Transistor check			✓
FEATURES	**CP7677**	**CP7665**	**CP7672**
Auto reverse polarity	✓	✓	✓
Auto zero adjust	✓	✓	✓
Overload protection	✓	✓	✓
Low battery indicator	✓	✓	✓
10M Input	✓	✓	✓
9-Volt power	✓	✓	
Audible tone	✓		
Auto power off	✓		
ACCESSORIES	**CP7677**	**CP7665**	**CP7672**
Color-coded leads	✓	✓	✓
Detailed manual	✓	✓	✓
Alligator clips	✓	✓	
Holster	✓		

CP7672 Digital Multitester

FEATURES
- Large digital display
- Battery operated (not included)
- Detachable color-coded test leads
- Great value

IDEAL FOR HOME AND SHOP USE.

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7672 Case Pack	4	3 lbs	5.5"H 6"W 9.5"D	20021467076722
CP7672 Unit	1	0.75 lbs	7"H 5"W 1.37"D	021467076728

MULTIMETERS

For precision tasks analog multimeters provide high accuracy and easy-to-read pointers.

CP7849 Analog Multimeter

FEATURES
- Measures AC/DC voltage, DC current, and resistance
- Tests 1.5V and 9V batteries
- 19 Ranges for more accurate measurements
- Zero adjust for maximum accuracy
- Battery operated (1.5V AA battery not included)
- USE signal code

CP7848 Pocket Electrical Tester

FEATURES
- DC volts, AC volts, DC current, Ohms, decibels
- Fuse protection on all functions and ranges
- Easy-to-read analog scale
- Detachable, color-coded leads
- Battery operated (1.5V AA battery not included)
- USE signal code

CP7605 Dwell/Tach/Volt

FEATURES
- Large, easy-to-read analog meter
- Zero adjust for maximum accuracy
- Tests conventional and electronic ignitions
- Tests starting/charging systems
- Ranges: dwell, tach, volts

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7849 Case Pack	6	4.6 lbs	5.5"H x 6"W x 9.5"D	20021467078498
CP7849 Unit	1	1 lbs	7"H x 5"W x 1.37"D	021467078494
CP7848 Case Pack	6	1.5 lbs	4.3"H x 5.3"W x 11.1"D	20021467078481
CP7848 Unit	1	0.25 lbs	8.6"H x 4.75"W x 1.5"D	021467078487
CP7605 Case Pack	4	4.5 lbs	12.5"H x 9"W x 12.25"D	20021467076050
CP7605 Unit	1	1.1 lbs	5.75"H x 7.5"W x 2.9"D	021467076056

TESTERS
CP7876 Infrared Thermometer with Laser Pointer

Infrared thermometers can do everything from verifying your vehicle's or household AC system temperature helping electricians find an overcharge in electrical systems.

FEATURES
- Innovative optical lens – high accuracy measurements over wide temperature ranges
  - 10:1 distance to spot (D:S) ratio
- Automatic data hold
- Backlit LCD displays both Farhenheit or Celcius
- Laser pointer
- Visual low battery indicator; two AAA batteries included
- Includes belt holster

HVAC/R

Electrical

Automotive

Industrial
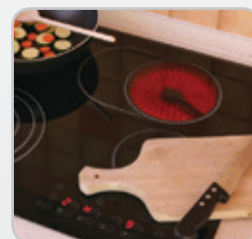
General/Home

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7876 Case Pack	4	2.2 lbs	10.75"H x 6.75"W x 12.25"D	20021467851589
CP7876 Unit	1	0.5 lbs	10.5"H x 6.5"W x 3"D	021467851585

BATTERY TESTERS

CP7614 130 amp Heavy-Duty Battery Load Tester

Applying a powerful 130 amp load, this heavy-duty battery tester delivers the most accurate results.

FEATURES

- 130 amp load
- Large, easy to read display
- Unique clamp design for side and top post batteries
- Side clamp mount for cable storage
- Convenient zero adjust to reset pointer
- Lightweight, comfortable, easy-to-grip
- Multi-mount bracket for easy storage on a garage wall or in a toolbox

CP7612 Battery Load Tester

With full 100 amp load-testing capacity, this reliable tester works on both 6 and 12 volt batteries. The unit performs both a voltage test and 15 second battery load testing.

FEATURES

- Rugged, precise 3" jeweled D'Arsonval meter with zero adjust
- Chrome-plated steel housing with rubber grip handle and side test clamp holders
- Heavy-duty, UL listed, momentary test switch
- Manganese wire resistance element shunt grid
- Extra heavy (10 AWG) 12" leads with strain relief
- Color-coded, insulated, copper plated steel clamps
- Color coded, 0-16 volt scale

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7614 Case Pack	4	1 lbs	8.25"H x 5.4"W x 4.25"D	20021467076142
CP7614 Unit	1	0.20 lbs	8.25"H x 5.4"W x 1"D	021467076148
CP7612 Case Pack	4	6 lbs	12.5"H x 9"W x 12.25"D	20021467076128
CP7612 Unit	1	1.5 lbs	10"H x 6"W x 2.25"D	021467076124

TIMING LIGHTS

CP7529 Digital Timing Light
Advanced features with a bright LED screen and mode indicator lights.

FEATURES
- Microprocessor-controlled circuitry
- LED tachometer display reads 0-9999 RPM advance display indicates to 1/10
- Unique flashlight feature
- 2/4 cycle and RPM/advance lights

CP7528 Advance Timing Light
Allows accurate adjustment of base and advance timing reading.

FEATURES
- Adjustable knob measures centrifugal, vacuum and computer advance

CP7527 Inductive Timing Light
Designed for standard base timing.

FEATURES
- On/off touch control
- The most popular unit in the market place

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7529 Case Pack	4	7 lbs	10.25"H x 12.75"W x 12.5"D	20021467075299
CP7529 Unit	1	1.7 lbs	10"H x 12.5"W x 3"D	021467075295
CP7528 Case Pack	4	7 lbs	10.25"H x 12.75"W x 12.5"D	20021467075282
CP7528 Unit	1	1.7 lbs	10"H x 12.5"W x 3"D	021467075288
CP7527 Case Pack	4	7lbs	10.25"H x 12.75"W x 12.5"D	20021467075275
CP7527 Unit	1	1.7 lbs	10"H x 12.5"W x 3"D	021467075271

TIMING LIGHTS

Actron is the market leader in timing lights, holding an 80% share of retail sales.

FUNCTIONS	CP7527	CP7528	CP7529
Conventional, electronic, computer controlled ignition systems	✓	✓	✓
DIS and 2 cycle systems	✓		✓
On/off touch control	✓	✓	
Adjustable advance		✓	✓
Digital LED readout tach and advance			✓
2 /4 cycle and RPM/advance mode lights			✓
2 to 4 cycle selector button			✓
Flashlight feature button			✓
RPM advance selector button			✓
Up or down scroll buttons			✓
STANDARD FEATURES OF ALL TIMING LIGHTS			
All metal inductive pickup	✓	✓	✓
Super bright Xenon flash	✓	✓	✓
One-touch control	✓	✓	✓
Durable, plated ABS housing	✓	✓	✓
Heat resistant over molding on battery clips	✓	✓	✓
Detailed instruction manual included	✓	✓	✓
One year warranty	✓	✓	✓

TEST AND TUNE

High Visibility Circuit Tester and Coil Cord Test Leads

CP7841 Mini Circuit Tester

Allows accurate adjustment of base and advance timing reading.

FEATURES

- Professional level unit made to last
- Compact design for use in tight areas
- 6 ft. high-visibility, polyurethane (superior memory retention) coil cord
- Bright, high intensity bulb
- Sharp stainless-steel probe
- Threaded tip for add-on alligator clip
- Molded strain relief
- Insulated, heavy-duty clip

CP7847 LED Circuit Tester

Allows accurate adjustment of base and advance timing reading.

FEATURES

- Tests spark plug wires
- 12V car/truck batteries
- 4-13V variable DC voltage
- Household 110/220 AC, DC wire/circuit
- LED lights indicate voltage level
- Piercing probe for in-circuit testing
- Easy-grip design for safe handling

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7841 Case Pack	6	3 lbs	5.5"H x 8.5"W x 12.5"D	20021467078412
CP7841 Unit	1	0.75 lbs	12"H x 5"W x 1.5"D	021467078418
CP7847 Case Pack	6	1.14 lbs	10.25"H x 9"W x 6"D	20021467078474
CP7847 Unit	1	0.19 lbs	8"H x 6"W x .5"D	021467078470

TEST AND TUNE
Starter Switches

CP7854 Heavy-Duty Remote Starter Switch

The push button design allows one person to start or crank the engine from under the hood. Red ready-light glows when the starter switch is connected to a hot circuit.

FEATURES
• Heavy-duty 12 gauge wire
• Hot circuit indicator light
• High current clips open to an extra wide 5/8"
• Soft rubber grip

CP7853 Remote Starter Switch

Allows one person to start or crank the engine from under the hood. Ideal for compression test or bumping engine onto Top Dead Center (TDC) timing marks for valve, distributor or camshaft adjustment.

FEATURES
• Power tool type trigger switch
• Heavy duty neoprene leads
• Clips with insulated boots

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7854 Case Pack	4	4 lbs	5.5"H x 7"W x 7"D	20021467078542
CP7854 Unit	1	1 lbs	5.5"H x 7"W x 1.75"D	021467078548
CP7853 Case Pack	6	3 lbs	12.5"H x 5.25" x W 9"D	20021467078535
CP7853 Unit	1	0.5 lbs	12"H x 5"W x 1.5"D	021467078531

MECHANICAL TESTERS
Compression

Professional compression testers detects worn rings, burnt valves and blown head gaskets.

CP7828A Professional Compression Tester
Allows accurate adjustment of base and advance timing reading.

FEATURES
• Measures cylinder compression to accurately diagnose engine condition
• Compatible with most standard spark plug threads
• Quick disconnect coupler separates hose from gauge for faster, easier connections to the engine
• Push button side release valve allows repeated testing without disconnecting
• Includes adapters for most standard spark plug threads: 10mm, 12mm, 14mm, 4mm long reach, 18mm
• Repair kit includes valves and rubber O-rings
• Easy-to-read, 2-1/2" professional gauge
• Bourdon tube movement for accurate readings
• Heavy-duty rubber boot protects gauge
• Standard and metric scales: 0-300 lbs psi and 0-2100 kPa
• Tool pouch keeps parts organized

CP7827 Compression Tester Kit
Allows accurate adjustment of base and advance timing reading.

FEATURES
• 14mm long reach adapter included, for many late model vehicles
• Quick release hose disconnects from gauge for faster, easier use
• Full 2-1/2" easy-to-read face
• Both U.S. and metric scales
• 17" high pressure flexible oil and grease resistant hose
• 14mm and 18mm ends fit most spark plug openings

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7828A Case Pack	4	6 lbs	12.4"H x 6.1"W x 8.5"D	20021467078283
CP7828A Unit	1	1 lbs	13.25"H x 9"W x 1.75"D	021467078289
CP7827 Case Pack	6	6 lbs	12.5"H x 5.25"W x 9"D	20021467078276
CP7827 Unit	1	1 lbs	12"H x 5"W x 1.5"D	021467078272

MECHANICAL TESTERS
Compression

Actron's value series are the market leader.

CP7826 Compression Tester

FEATURES
- External pressure release valve
- Full 2-1/2" easy-to-read face
- Both U.S. and metric scales
- 14" high pressure flexible oil and grease resistant hose
- 14mm and 18mm ends fit most spark plug openings
- Bourdon tube movement for accurate reading

CP7821 Stem Compression Tester

Allows you to measure pressure within the combustion chamber as the piston comes up on compression stroke.

FEATURES
- Full 2-1/2" easy-to-read face
- 0-300 psi scale
- Push-in compression tester
- Universal rubber adapter fits all spark plug holes
- Bourdon tube movement for accurate readings

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7826 Case Pack	6	6 lbs	12.4"H x 8.5"W x 5.3"D	20021467078269
CP7826 Unit	1	1 lbs	11.8"H x 4.6"W x .9"D	021467078265
CP7821 Case Pack	6	1.5 lbs	12.75"H x 5.5"W x 9"D	20021467078212
CP7821 Unit	1	0.25 lbs	7.5"H x 5"W x 1.5"D	20021467078214

MECHANICAL TESTERS

Fuel pressure for fuel injected engines and carburetor engines

Use to diagnose driveability problems caused by out-of-spec fuel pressure.

CP7838 Professional Fuel Pressure Tester Kit

FEATURES
- Accurately measure fuel pressure on fuel injected and carburetor engines
- Adapters fit majority of domestic and import applications
- 40-inch gauge hose for ease of reaching any test point
- 2 1/2" gauge with 0-100 psi/0-700 kPa scales for accurate measurements
- Pressure relief button and 6-ft hose for safely disposing of gasoline and repeating tests without disconnecting gauge
- Gauge boot to protect gauge and vehicle finish

CP7818 Fuel Pressure Tester Kit

Use on domestic fuel injected vehicles equipped with Schrader valve test port.

FEATURES
- Large, easy-to-read 0-100 psi scale
- Solid brass fittings
- Pressure relief valve for safe, clean testing

CP7817 GM TBI* Fuel Pressure Tester

Tests GM TBI vehicles without a Schrader or fuel access valve test port on the fuel rail.

FEATURES
- Test fuel pump check valve, fuel rail pop-off pressure, fuel rail deterioration, and leaking injectors.
- Large, easy to read 0-60 psi scale
- Adapter fitting for GM TBI systems without a fuel access valve test port
- Pressure relief valve for safe, clean testing
- Solid brass fittings

*Throttle Body Injection

MECHANICAL TESTERS

Fuel pressure for carburetor engines

Test vacuum line, components and low pressure fuel systems.

CP7803 Vacuum & Fuel Pressure Tester Kit

Easy-to-read, CP7803 3-1/2" black face displays 0-30 inches vacuum and 0-10 psi. Complete with hose and adapters.

FEATURES
- Fuel pump pressure
- Mechanical condition of the engine
- Vacuum control system function
- For leaks in the intake manifold, head gaskets, piston rings, valves and vacuum lines
- Pressure relief button and 6-ft hose for safely disposing of gasoline and repeating tests without disconnecting gauge
- Gauge boot to protect gauge and vehicle finish

CP7802 Vacuum & Fuel Pressure Tester Kit

Easy-to-read, CP7802 2-1/2" white face reads 0-30 inches vacuum and 0-15 psi. Complete with hose and adapters.

FEATURES
- Fuel pump pressure
- Mechanical condition of the engine
- Vacuum control system function
- For leaks in the intake manifold, head gaskets, piston rings, valves and vacuum lines

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7838 Case Pack	4	9.2 lbs	12"H x 8.5"W x 8.5"D	20021467078382
CP7838 Unit	1	2.3 lbs	11.4"H x 7.6"W x 2"D	021467078388
CP7818 Case Pack	6	6 lbs	12.75"H x 5.5"W x 9"D	20021467078184
CP7818 Unit	1	1lbs	12"H x 5"W x 1.5"D	021467078180
CP7817 Case Pack	4	6 lbs	12.5"H x 5.75"W x 8.5"D	20021467078177
CP7817 Unit	1	1.5 lbs	8"H x 11.8"W x 1.8"D	021467078173
CP7803 Case Pack	6	4.5 lbs	12.75"H x 5.5"W x 9"D	20021467078030
CP7803 Unit	1	0.75 lbs	12"H x 5"W x 1.5"D	021467078036
CP7802 Case Pack	6	4.5 lbs	12.75"H x 5.5"W x 9"D	20021767078023
CP7802 Unit	1	0.75 lbs	12"H x 5"W x 1.5"D	021467078029

VACUUM AND BRAKE BLEED

Check vacuum operated components on cars and trucks, including distributor advance mechanisms, heater and air conditioning baffles, PCV and EGR valves, headlight cover doors, and transmission modulators.

CP7835 Vacuum Pump Brake Bleed Kit (combination of CP7830 and CP7840)

Allows you to bleed brakes without the mess. Adapters included for all vehicle brake systems.

FEATURES

- Rugged steel handle
- Solid brass cylinder, cylinder head and piston
- 24" hose
- Cushioned handle grips
- Tapered barb adapters
- Use to siphon fluids
- Tapered and 90° adapters
- Air sealing lubricant

VACUUM AND BRAKE BLEED

CP7840 Brake Bleed Kit

Allows you to bleed brakes without the mess.
Use with CP7830 Vacuum Pump.

FEATURES
• Use to siphon fluids
• Tapered and 90° adapters
• Air sealing lubricant
• Adapters included for all vehicle brake systems

CP7830 Hand Vacuum Pump

Check vacuum operated components on cars and trucks, including distributor advance mechanisms, heater and air conditioning baffles, PCV & EGR valves, headlight cover doors, and transmission modulators.

FEATURES
• Rugged steel handle
• Solid brass cylinder, cylinder head and piston
• 24" hose
• Cushioned handle grips
• Tapered barb adapters

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7835 Case Pack	4	7.95 lbs	10"H x 12.75"W x 8"D	20021467078351
CP7835 Unit	1	2 lbs	9.5"H x 12.3"W x 1.7"D	021467078357
CP7840 Case Pack	4	3 lbs	8.5"H x 12"W x 3.75"D	20021467078405
CP7840 Unit	1	0.75 lbs	8"H x 11.6"W x .6"D	021467078401
CP7830 Case Pack	4	6 lbs	12.5"H x 8.5"W x 5.75"D	20021467078306
CP7830 Unit	1	1.5 lbs	12"H x 8"W x 1.5"D	021467078302

Drain Plug Pro™
CP5911 Oil Drain Plug Removal Tool

Remove oil drain plug without touching the plug or hot oil.

HOT OIL IN THE PAN – NOT ON YOUR HAND!

1. Loosen the drain plug with a wrench.
2. Place the DRAIN PLUG PRO™ on the plug so the tool locks onto the plug hex.
3. Rotate handle to remove the plug.
4. Pull plug away from the oil stream.
5. Magnetic DRAIN PLUG PRO™ retains the plug.

FEATURES
• NO touching HOT plug.
• NO dropping of plug in HOT oil.
• NO oil soaked gloves.
• Just magnetically attach DRAIN PLUG PRO™ to pre-loosened drain plug

Strong magnetic end.

Rotate handle to remove plug.

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP5911 Case Pack	12	2.85 lbs	11.6"H x 7.4"W x 6.9"D	20021467854214
CP5911 Unit	1	0.2 lbs	11"H x 3.5"W x 1.25"D	021467854210

actron® SPECIALTY TOOLS

Inspection
CP7669 Video Inspection Scope

The video inspection scope goes beyond vehicle inspection and can be used for applications in and outside of the car. View inside door panel or other limited access and poorly lit areas of your vehicle. Save time by not having to remove tire or engine components to inspect, retrieve, move, and help find items in hard to reach, compact spaces.

FEATURES

- 2.4" color LCD screen
- 8 levels of LCD contrast control
- Power indicator LED
- Low battery indicator LED
- 3 ft. flexible camera tube

- 9mm waterproof camera
  - Camera includes 6 levels of LED brightness control
  - Camera and light all-in-one goes where you need it in dark, tight areas

### INCLUDED ACCESSORIES AND FEATURES:

Magnet
Attach the magnet to the end of camera to find items that may have fallen in the vehicle engine compartment or cylinders. For example, use the magnet to locate and retrieve screws or bolts that fell within the engine compartment and cannot be reached by hand. Locate and retrieve metal particles that may have fallen in the cylinder.

Hook Clip
Attach the hook clip to the end of camera to retrieve non-magnetic or other small items that may have fallen in the vehicle engine compartment. Move hard to reach wires or cables. Camera helps guide the user to the problem area.

Mirror
Attach the mirror to the end of the camera to provide right angle views with 180 degree view change option. For example, use the mirror to inspect all angles within a cylinder.
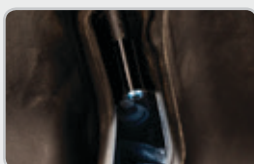
9mm waterproof camera	3ft. flexible camera tube	View brake/engine systems	2.4" color LCD screen

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7669 Case Pack	8	13.2 lbs	24"H x 11.8"W x 15.2"D	20021467854115
CP7669 Unit	1	1.25 lbs	13.7"H x 10.8"W x 2.3"D	021467854111

DIAGNOSTIC GLOSSARY

ABS - anti-lock braking system is a system on motor vehicles which prevents the wheels from locking while braking.

CAN - Controller Area Network: On board diagnostics protocol required on all 2008 and newer US vehicles. All Actron code readers and scan tools are CAN-compliant.

CodeConnect® - Prioritized experience-based database of over 4.3 million fixes for the DTCs that cause the Check Engine light to illuminate. The fixes are specific to the vehicle's make, model year and engine size.

Code Reader - These tools are used to read, display, and erase DTCs and I/M monitors on OBD II & CAN compliant vehicles (CP9125, CP9550). Some code readers provide freeze frame and on screen code definitions (CP9550).

Code Scanner - OBD I tools which identify the DTC through a series of flashes and/or audible tones displayed on the dashboard and/or scanner for pre-1996 vehicles (CP9001, CP9015).

Drive cycle mode - Alerts the driver the moment the vehicle is ready for emissions testing by checking the I/M Monitors in Real-Time.

DTC - Diagnostic trouble code: These codes reference the area of the vehicle that needs repair or replacement. DTCs are stored in the vehicle's computer and help determine the cause of a problem or problems within the vehicle.

Enhanced DTC / Manufacturer specific DTC - DTCs which differ between manufacturers (Ford specific codes, GM specific codes etc.).

Freeze frame data - A snapshot of the vehicle's sensor information at the time an engine fault occurs.

Generic DTC - SAE regulated group of DTCs which are the same for every OBD II vehicle sold in the US.

I/M readiness monitor - Inspection Maintenance Readiness Monitor A vehicle must reach specific driving conditions before it is ready for an emissions test. I/M readiness monitor tells the driver "yes" the vehicle is ready for emissions testing or "no" it is not.

LIVE sensor data - A live view of the vehicle's sensor information while engine is running.

MIL - Malfunction Indicator Lamp, also known as the Check Engine Light. Used to indicate emissions-related issues, and is triggered by DTCs stored in the vehicle's computer.

DIAGNOSTIC GLOSSARY

OBD - On board diagnostics: A system developed by the Society of Automotive Engineers (SAE) to standardize automotive electronic diagnostics.

OBD I - On board diagnostics protocol pertaining to pre-1996 vehicles, usually from model years 1982-1995.

OBD II - On board diagnostics protocol was implemented in some vehicles beginning in 1994 and has been required since 1996 on all new cars and light trucks sold in the U.S.

PIDs - Vehicle sensor parameters displayed by the tool (freeze frame or LIVE sensor data).

Sensors - Sensors help monitor, measure and control the performance of vehicles.

State OBD Check - Summary status of the vehicle's OBD system including MIL status, codes found and I/M Monitors Status.

Vehicle Information - Includes your VIN or vehicle identification number and calibration identification.

Scan Tool - These tools are used to read and erase DTCs display live sensor data, and perform other tests allowed by the vehicle manufacturer. This additional data helps the user determine the faulty component. Depending on the scan tool, they are used on OBD I, OBD II and CAN compliant vehicles. Actron's scan tool line consists of the CP9575, CP9580A, CP9185, CP9190.