



ZEUS[®]

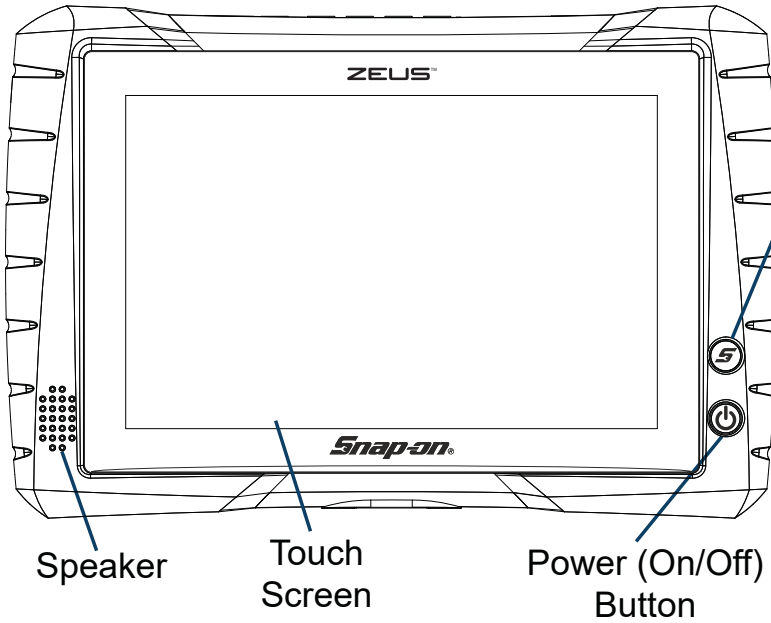
GETTING STARTED PACK

BC


diagnostics.snapon.com/zeus



Snap-on

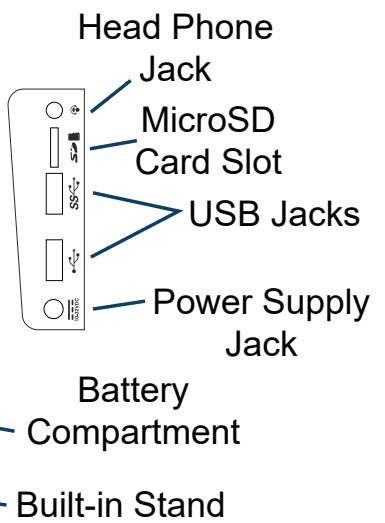
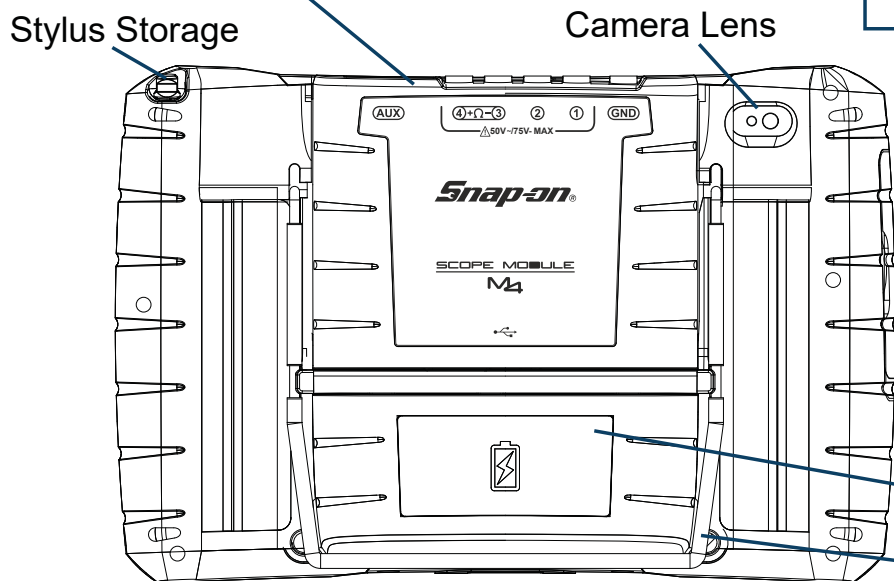
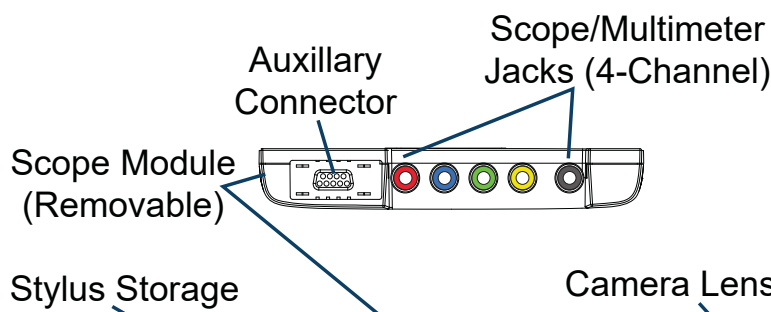
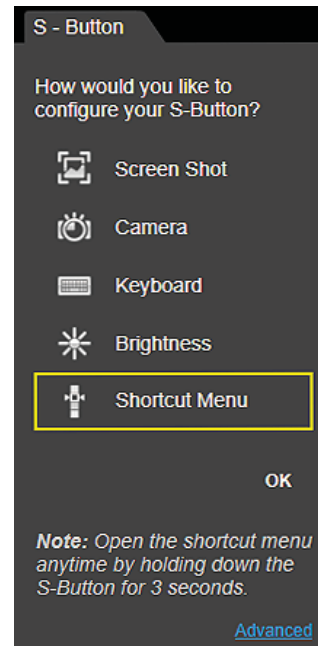
Features and Button



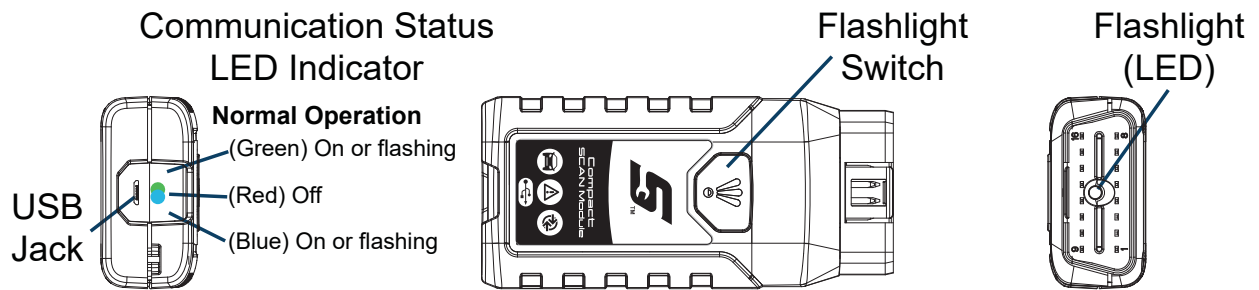
Shortcut Button

Press the  button for 3 seconds to open the Shortcut menu.

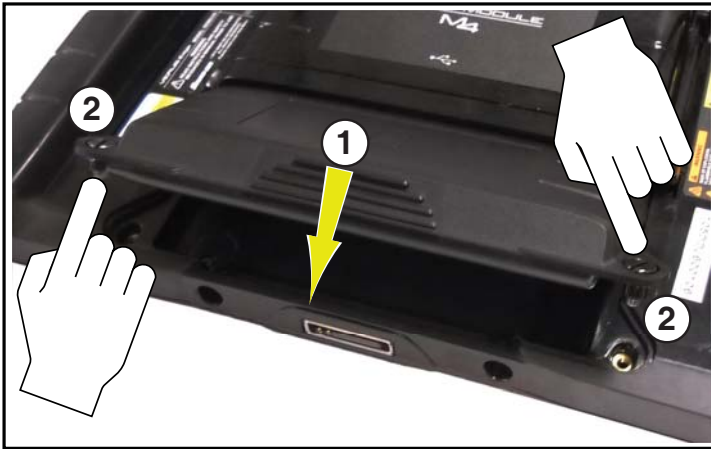
The  button menu allows you to set the  button to automatically perform routine functions, like capturing a screenshot, or opening the virtual keyboard.



Compact Scan Module (CSM)



Getting Started



1. Align the tabs on the battery pack with the slots in the battery compartment, then pivot the battery pack down into position, until seated.

2. Tighten the screws.

Note - Do not overtighten the screws.




3. Connect the AC power supply, to charge the battery.

The power supply jack is located in the left hand grip under the protective cover.

4. Press the Power  button.



*****IMPORTANT*****
Turn Wi-Fi on to use Intelligent Diagnostics, Quick Lookups and SureTrack.

Select the wireless connection  icon from the Windows® taskbar notification area and connect to a wireless network from the list, or select **Open Network and Sharing Center** to setup a new connection.

5. Select a function (e.g. Scanner, Guided Component Tests, Quick Lookups, SureTrack).

Use the stylus or your finger to navigate menus on the touch screen.



6. To scan a vehicle, connect the Compact Scan Module (CSM) to the vehicle's Data Link Connector (DLC).

Note - When you connect the CSM to an OBD-II vehicle, the CSM is powered by the vehicle.



Scanner

Scanner makes vehicle communication easy, by providing full scanning functionality including these features and more!


Intelligent Diagnostics -  Quickly find code-specific diagnostic information

Data Graphing - View up to 16 graphs at once for data comparison analysis

Code Scan - Scan multiple systems and check readiness monitors in a single touch

Tests/Resets - Perform functional component tests, and adaptive relearns

Scanner Basics

1. Select **Scanner** , from the Home screen.
2. Connect the Compact Scan Module (CSM) to the vehicle.
3. Select the vehicle make, then as prompted identify the vehicle.
4. Select a system (e.g. Code Scan, Engine, Transmission, Body, etc.).
5. Select a function/test (e.g. Codes Menu, Data Display, Functional Tests, etc.).




Wi-Fi is required to use Intelligent Diagnostics.
Not required for Demo.



Scanner Demo / Intro to Intelligent Diagnostics

Explore Scanner and Intelligent Diagnostics without actually connecting to a vehicle. The built-in demonstration gets you up-to-speed by allowing you to navigate hands-on through simulated Scanner operations, including vehicle identification, code scan, displaying PID graphs, Intelligent Diagnostics and more!

1. Select **Scanner** , from the Home screen, then select **Continue** at the “Connect your Scanner Module..” prompt.
2. Select **Demonstration** from the vehicle make menu.
3. Select **2016 Chevrolet Tahoe North American Demo**, then **OK** to confirm.
4. Select **Continue** (*demo mode confirmation message*).
5. Select **Engine** > **Codes Menu** > **Display Codes** > **DTC Display**, then follow along with the Intelligent Diagnostics demo screens to get familiar with all the code-specific features.

Important

***Secured Gateway Equipped Vehicles** (*See * in Snap-on Cloud section.*)

To communicate with vehicles equipped with secured gateways, OEM authorization is required in addition to having a Snap-on Cloud account.

To learn more about obtaining authorization:

From the Home screen select **System Settings** > **Get Connected**

or

Visit **Snapon.com/gateway**

Intelligent Diagnostics Interactive Demonstration

Intelligent Diagnostics gives you the latest Top Repair information, TSB's, **code-specific data (Smart Data)**, tests, and more all obtained from actual shop repair orders and industry professionals.

Example - Intelligent Diagnostics Demo Main Menu

Nice! You're connected to Intelligent Diagnostics
Scroll down to learn more....

Results for: Engine - P0300, Engine Misfire Detected (Symptom Code)

Code Switcher Button

Click the **Smart Data** card for a code specific Custom Data List that's set up for you automatically and highlights unexpected PID values

Smart Data

Code Specific Scanner Data
View a code related custom PID list where anomaly PID values are highlighted

Real world data shows the **Top Repairs** for the vehicle when this code is present

- replaced spark plug (521)
- replaced spark plug wire (256)
- replaced ignition coil (51)
- replaced fuel injector (33)
- cleaned throttle body (28)
- cleaned engine fuel system (17)

Functional Tests and Reset Procedures

Code Specific Functional Tests and Reset Procedures
Command Functional Tests directly from your Scanner and perform Resets

Use bi-directional vehicle controls including **Functional Tests & after repair Resets**

Guided Component Test Meter

Code Specific Guided Component Tests
Test components quickly and accurately with Guided Component Tests that include component information

Test sensors and other components at the source... **Guided Component Tests** will show you how to test, where to connect and what results to look for!

Real Fix - P0300, Replaced Spark Plugs
A quick look at the highest count 'Real Fix' shows what technicians in the field have determined to be the cause and what they did to correct it

Complaint
The customer states the engine runs rough. The customer also states the check engine light is on.

Cause
Confirmed the customer's complaint and found the engine ran rough. Connected a scan tool and found code P0300 - Random/Multiple Cylinder Misfire Detected. At idle, used the scan tool to view live data and found a high number of misfire counts on all cylinders. Connected a smoke machine, induced smoke into the air intake system to check for leaks, and found no faults. Removed the spark plugs, used a spark plug gap tester to measure the plugs and found the measured gap was not within the specified range. Connected a spark tester to each cylinder, to test the ignition system and found spark was present. The results of these tests verified that the spark plugs were faulty.

Correction
Replaced the spark plugs, cleared codes and verified the vehicle operated properly. The customer's concern did not return.

Plus more Real Fixes, Troubleshooter tips, and Repair Information

Real Fixes
Related Real Fixes

Troubleshooter
Industry Expert Information

Repair Information
OEM Repair Information



All the diagnostic tools related to your code are right here, **saving you hundreds of steps....**


GIVE IT A TRY

Intelligent Diagnostics Smart Data

Smart Data will help you focus on troubleshooting the code, by displaying a custom list of code-specific PIDs that are automatically preconfigured (upper/lower limits set) and armed. PIDs that exceed these limits display a “red flag” to let you see potential issues at a glance.

ATTENTION: Smart Data is intended to be used while the vehicle is at idle and at normal operating conditions.

▼	ST Trim-1	8	⋮
▼	 LT Trim-1	24	⋮
▼	MAF(Hz)	2300	⋮
▼	 ENGINE LOAD	27	⋮



Common Toolbar Icons

Icons are always available from the lower toolbar.



Home

Display the Home screen.



Desktop

Hide / Display the Windows taskbar.



Menu

Access various settings, information and basic operations for the active application.



Technical Service Bulletins

View Technical Service Bulletin information for the active vehicle.



Change Vehicle

Clear the active vehicle, allowing a new vehicle to be identified.



Vehicle History Record

View the vehicle record for the active vehicle.



Training and Support



Training and Support provides direct access to ZEUS training videos, product manuals, knowledge base topics, support contact information and more via: snaon.com/diagnostics



Quick Lookups



Quick Lookups makes finding valuable OEM service information easy!

Quick Lookups provides access to OEM:

- **Technical Service Bulletins (TSBs)**
- **Engine Oil Specifications and Capacities**
- **Tire and Wheel Service**



Guided Component Tests

Perform vehicle specific component tests, using guided instructions to help you verify component integrity and validate repairs. Vehicle information may include:

- **Component testing instructions and locations**
- **Waveform examples**
- **Illustrated connectors with pinouts**
- **Diagnostic references**

CKP Sensor Signal Test (Example)

1. Select **Guided Component Tests** from the Home screen.
2. Select **US Domestic > Chevrolet > 2010 > Camaro > 3.6L VIN V**
3. Select **OK**, then **Fuel Injection > CKP Sensor > Signature Test**
A pre-configured test screen appears with test lead connection instructions, and an example of a known good waveform.
4. Select **View Meter** to open the meter display.
5. Select the **Meter** icon(s) to toggle between three meter display modes (split screen, full screen, new window).



Extras



To access Guided Component Test Extras, select  > **Top Level Menus**.

How To Guide - Find information from theory to troubleshooting, and testing

Power User Tests - Quickly access pre-configured tests

Features and Benefits - Lists diagnostic tool features, functions, and accessories



SureTrack & Repair Information



SureTrack provides direct access to the following features within **ShopKey® Pro**:

- **1Search™ Limited** - Includes Real Fixes and TroubleshooterTips, Top Repairs Graph, Pro View, Component Tests, OEM Technical Service Bulletins, Safety Recalls and Campaigns!
- **SureTrack Community** - Connects you with a community of other professional technicians to find and share information, ask questions, and provide your own tips. *Detailed SureTrack activation instructions are available at: diagnostics.snapon.com/usermanuals*

Activating / Accessing SureTrack

1. From your browser visit: shopkeypro.com
2. Select **Login**
 - If you already have a SureTrack account, use your credentials to login.
 - If you are a new user, select **Create Individual Account**, and follow the prompts to create an account.
3. Enter the SureTrack Authorization Code from your sales receipt when prompted.



Snap-on Cloud



Snap-on Cloud allows you to access, organize and share pre/post code scan reports, screenshots and camera photos that are automatically uploaded from your ZEUS to the Snap-on Cloud.

*Create a New Account

1. From the Home screen select **System Settings > Get Connected**, and record the device Serial Number, PIN and Code displayed.
2. From the Home screen select **Snap-on Cloud**.
3. Select **Create Individual Account**, and follow the prompts to create a Snap-on Cloud profile and add your ZEUS to the account (Device Management tab).

*Already Have an Account?

If you already have a ShopKey® Pro or SureTrack® account, you can use your credentials to log in and add your ZEUS to your account.

1. From the Home screen select **Snap-on Cloud**.
2. Select **Login** and enter your username and password.
3. Change your profile to add your ZEUS to the account (Device Management tab).

** You only need a single Snap-on Cloud account (profile) to access and share files automatically uploaded from your ZEUS to the Cloud, and to setup/communicate with secured gateway vehicles.*

Customer Support

Phone: (800) 424-7226

Email: diagnostics_support@snapon.com

Website: diagnostics.snapon.com/faq



Safety Information / User Manual

Before using this diagnostic tool, read and understand the *Important Safety Information* (included), and the User Manual (available online). Both documents are available at: diagnostics.snapon.com/usermanuals

Warranty Activation and Extension

To activate your warranty, and ensure you have access to the latest software upgrades, register your diagnostic tool today.

U.S. Customers: <https://registration.snapon.com/products/us>

Canadian Customers: <https://registration.snapon.com/products/ca>

Extended warranty protection is available for an additional 12, 24 or 36 months. Contact your local Snap-on representative for information.

Software Subscription Program

Snap-on is continually enhancing our diagnostic software to provide our customers with the latest information available, not only for new vehicles but for older vehicles as well. When new coverage and features become available, we offer a new software release. To ensure you have the latest code, data, and testing coverage for thousands of vehicle systems, Snap-on offers upgrade options to meet your needs. To find out more, contact your Snap-on sales representative, or visit: diagnostics.snapon.com/theprogram

End User License Agreement / Patent Information

Use of the device acknowledges your acceptance of the End User License Agreement. The Snap-on Incorporated Software End User License Agreement is available at: <https://eula.snapon.com/diagnostics>

For a listing of Snap-on products that are protected by patents in the United States and elsewhere, visit: <https://patents.snapon.com>

Important Information

Before using this diagnostic tool, read and understand:

- The *Important Safety Information* - included in this kit
- The ZEUS[®] *User Manual* - available online at:
diagnostics.snapon.com/usermanuals

Get the most from your new diagnostic tool.

The latest software upgrades are as close as your Snap-on Representative's van, or for more information visit: diagnostics.snapon.com/software

Training Solutions[®]

To maximize your productivity, Snap-on Training Solutions offers in-depth, multi-level training at no charge, available 24/7 at: diagnostics.snapon.com/trainingsolutions

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The Snap-on logo is located in the bottom right corner of the page. It features the word "Snap-on" in a stylized, italicized font with a metallic, 3D effect. The logo is enclosed within a thin white rectangular border.