



*Pocket HD™
Hardware and
Software User
Manual*

Pocket HD™ Hardware and Software User Manual

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The device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This device contains FCC-ID-POOWML-C30XX.



Approved in accordance to R&TTE directive transmitter module marked by “CE product label”, manufactured by MITSUMI Incorporated to OEM product.

Part No. 998080 Revised 05/08/2018

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Chapter 1

Using this Manual



- ▼ *Manual Overview, page 2*
- ▼ *Conventions, page 3*

This chapter provides an overview of this manual's organization and the conventions used throughout.

NOTE:



The screens used in this manual for illustrating the features and functions of the Pocket HD™ may vary from the actual screens you see when running your own application. The screens shown in this manual are for demonstrative purposes only.

Manual Overview

This manual provides basic and detailed information to support you in using the Pocket HD™.

This manual is composed of the following sections:

- *Table of Contents*—helps you to find the information you are looking for quickly and easily.
- *Chapter 1: Using this Manual*—provides an overview of this user's manual.
- *Chapter 2: Registration and Software Activation*—provides detailed instructions for registering Pocket HD™ as a first-time user. It also provides detailed instructions for activating the Pocket HD™ software applications.
- *Chapter 3: Pocket HD™ Hardware and User Interface*—provides an overview of the Pocket iQ™ hardware; also includes an overview of the Pocket HD™ user interface.
- *Chapter 4: Using the Diagnostics Menu*—provides detailed instructions for using the diagnostic features found on the main Diagnostic menu (i.e., Home) when Pocket HD™ is connected to a vehicle.
- *Chapter 5: The Admin Menu*—provides detailed instructions for using the features of the Pocket HD™ Admin Menu. The procedures in this chapter assume that Pocket HD™ is not connected to a vehicle and that a system administrator is performing the procedures in a non-shop setting.

Each chapter begins with an “at-a-glance” list of the chapter contents, along with corresponding page numbers.

Conventions

This section provides descriptions of the conventions used throughout this guide.

Special Messages

Note

NOTE provides an explanation, comment, or tip related to the subject matter that is being discussed.

Example:

NOTE:

Refer to the page number provided for each described component for further details.

Important

IMPORTANT indicates a situation which, if not avoided, may result in damage to the test equipment or vehicle.

Example:

IMPORTANT:

Keep all cables clear of moving or hot engine parts.

Caution

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in moderate or minor injury to the operator or to bystanders.

Example:

CAUTION:

Do not use the unit to perform tests on household or industrial sources.

Warning

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or bystanders.

Example:

WARNING:



Use appropriate hand protection when handling hot engine components.

Troubleshooting

Information intended to help you to address or anticipate potential issues are presented in the following manner:



If the “No ECMs detected” message is displayed, check to make sure that the Pocket HD™ is connected to the vehicle and the key is in the on position.

Specialized Text

The following specially formatted text is used to help you to differentiate certain elements discussed within this manual:

- *Emphasis:* Used to draw your attention to particularly important information.
- **FEATURE:** Used to highlight the name of a specific feature.
Example: “Use **COPY** to save the report to a USB memory stick.”
- **Field/Line:** Used to highlight the name of a field or a line of text from a display.
Example: “A check mark is placed in the check box next to the **Total Fuel Used** parameter.”
- Menu Items: Used to highlight a series of menu selections.
Example: “From the Advanced Tools menu, select **Bus Diagnostics.**”
- Screen titles: Used to highlight the title of a screen displayed.
Example: “The **Manage Reports** screen is displayed.”

Chapter 2

Registration and Software Activation



- ▼ *Registering Pocket HD™, page 6*
 - ▼ *Registering Pocket HD™ with a Dynamic IP Address, page 6*
 - ▼ *Registering Pocket HD™ with a Static IP Address, page 22*
 - ▼ *Entering Proxy Settings, page 22*
 - ▼ *Setting Up a Static IP Address, page 30*
 - ▼ *Registering the Device, page 36*
- ▼ *Activating Your Software Applications, page 44*

This chapter provides detailed instructions for registering Pocket HD™ as a first-time user. It also provides instructions for activating your Pocket HD™ software applications.

Registering Pocket HD™

Before you can start using your Pocket HD™, you need to connect to your local network and register your device. You'll also need to activate the software applications (see *Activating Your Software Applications* on page 44 of this chapter).

To connect to your local network, you first need to decide how you are going to set up the IP address for your Pocket HD™. There are two choices:

- Registering Pocket HD™ with a Dynamic IP Address (pg. 6)
(Pocket HD™ automatically selects an IP address.)
- Registering Pocket HD™ with a Static IP Address (pg. 22)
(You assign an IP address that does not change.)

NOTE:



To setup a static (or “fixed”) IP address, you'll need to gather some information before you start. In most cases you'll want to get together with the designated IT person or network administrator for your location. He or she will have the information you'll need to complete the required steps.

Registering Pocket HD™ with a Dynamic IP Address

NOTE:



The following procedure assumes that you have Internet access and that your local network is *not* configured using a proxy server.

To register the device with Internet access:

- 1 Push the **power button** on the device to power it up.

The **Home** menu is displayed.

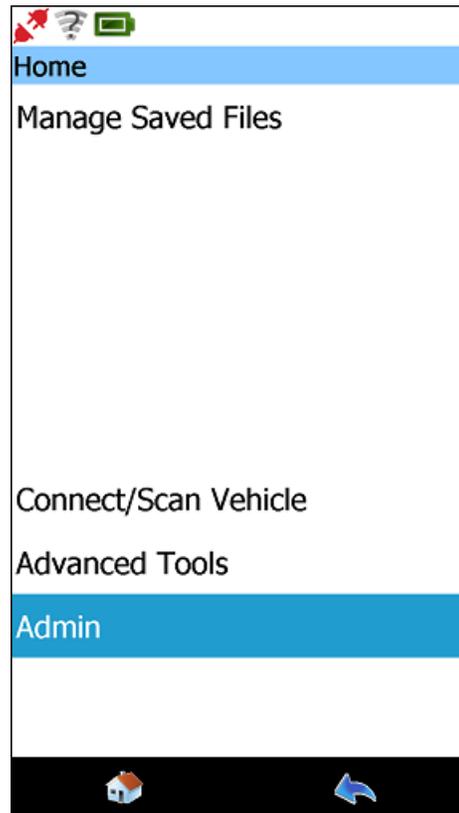


Figure 2.1 Home Menu

- 2 Select **Admin**.

The **Admin** menu is displayed.

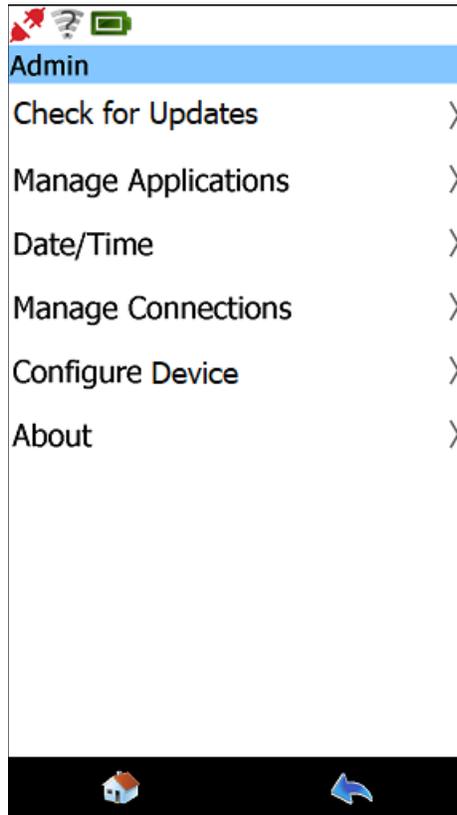


Figure 2.2 Admin Menu

- 3 Select **Manage Connections**.

The **Connections** screen is displayed.

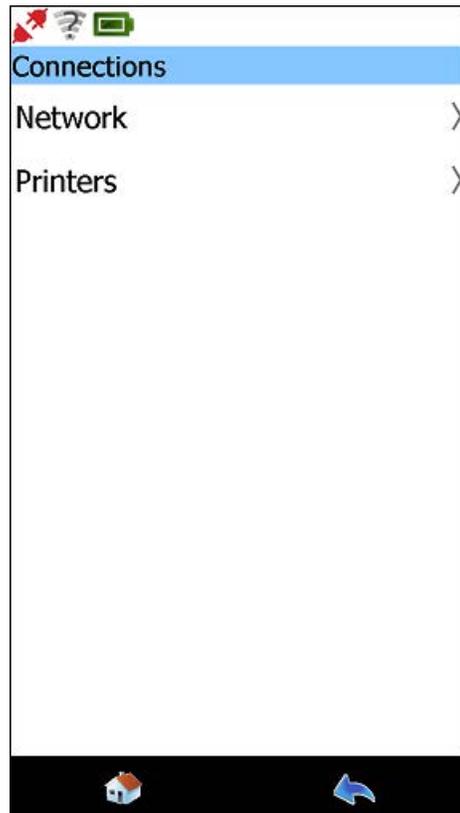


Figure 2.3 *Connections Screen*

- 4 Select **Network**.

The **Networks** screen is displayed.

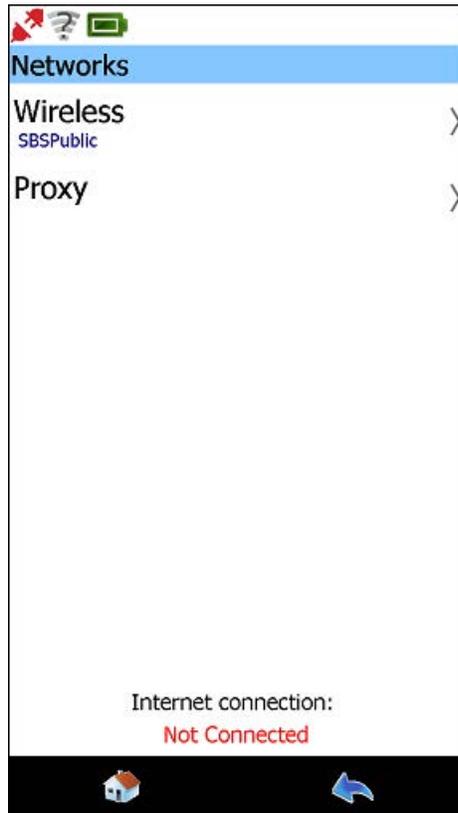


Figure 2.4 Networks Screen

- 5 Select **Wireless**.

The **Wireless** screen is displayed.

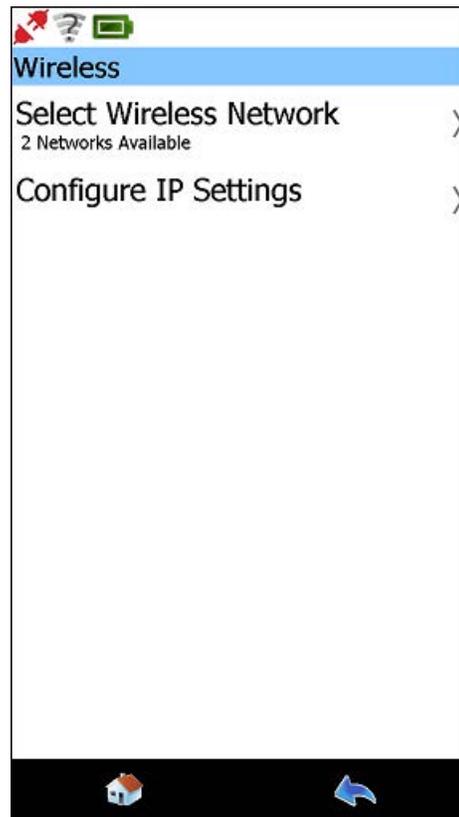


Figure 2.5 *Wireless Screen*

- 6 Choose **Select Wireless Network**.



Figure 2.6 Wireless Screen

- 7 Select the wireless network you want to connect to from the list displayed (e.g., **SBSPublic**).
- 8 Touch the **Connect** button.

A check mark is displayed next to the wireless network you selected.



Figure 2.7 Wireless Screen: Network Selected

9 Touch **Done**.

The **Network Properties** screen is displayed.

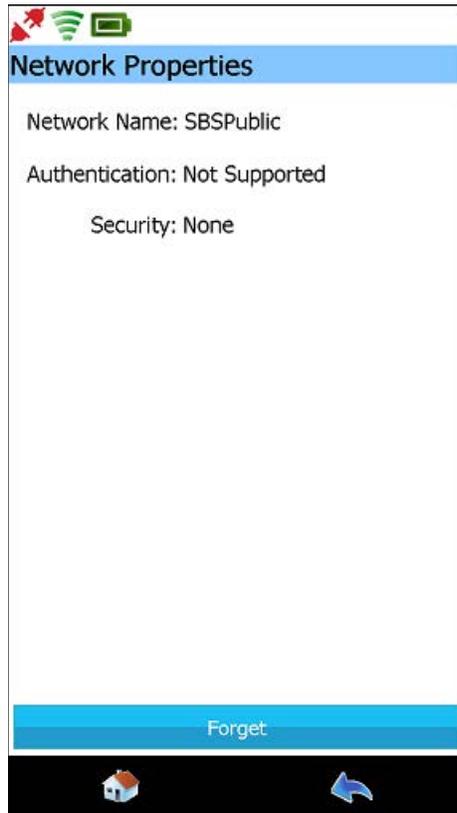


Figure 2.8 *Network Properties Screen*

- 10** Touch the **Home** icon at the bottom of the display.

The **Home** menu is displayed.

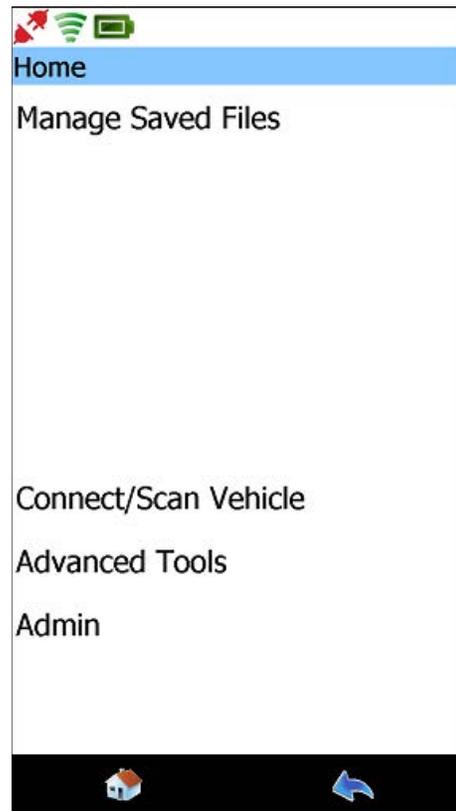


Figure 2.9 Home Menu

- 11** Select **Admin**.

The **Admin** menu is displayed.



Figure 2.10 Admin Menu

12 Select **Configure Pocket HD**.

The **Configure** screen is displayed.

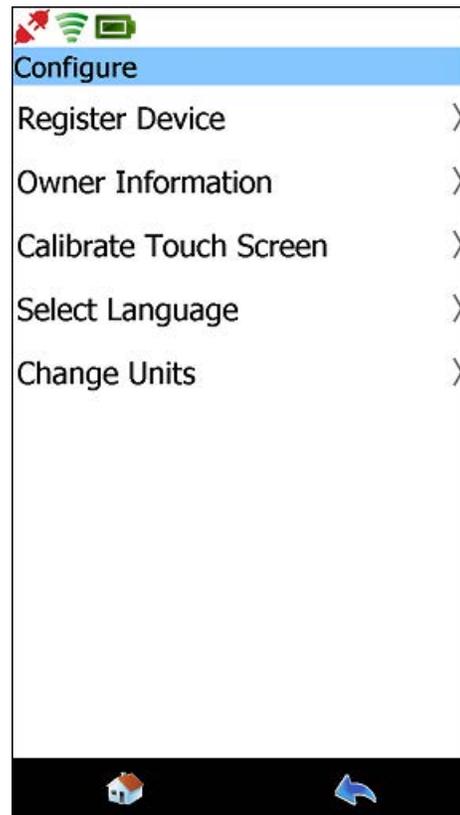


Figure 2.11 *Configure Screen*

13 Select **Register Device**.

The **Login** screen is displayed.



Figure 2.12 Login Screen

NOTE:



If you *do not* have an existing account with a Username and Password, click on the **Create Account** link and following the prompts to create an account.

- 14 Touch within in the first data entry field (i.e., **Username**).

The pop-up keyboard is displayed.

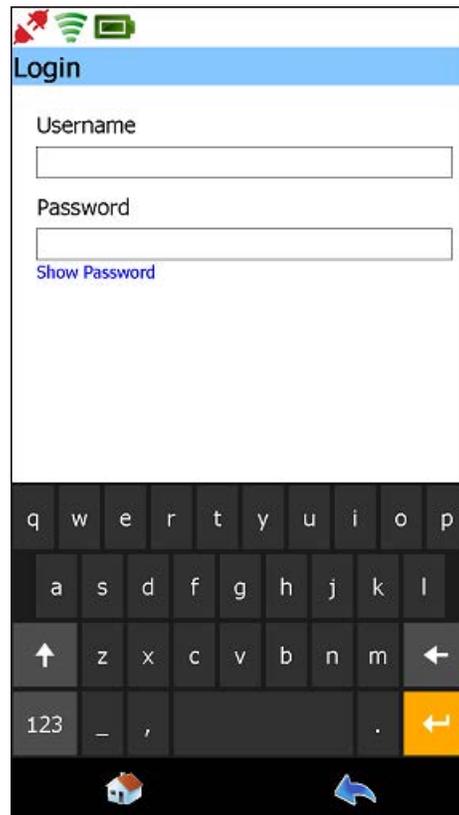


Figure 2.13 *Pop-up Keyboard*

- 15** Use the keyboard to enter your **Username**.
- 16** Touch within the next data entry field.
- 17** Enter the appropriate **Password**.
- 18** Touch the **Submit** button (i.e., the orange back arrow on the keyboard).

A confirmation message is displayed:

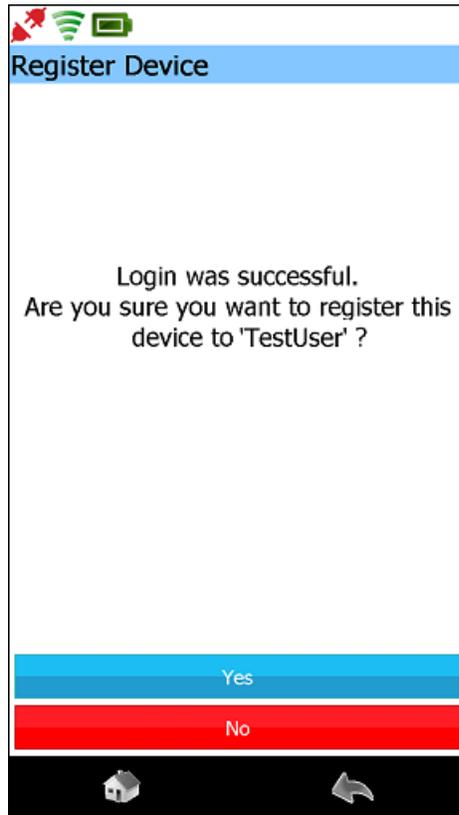


Figure 2.14 Login Successful Message

19 Touch **Yes** to confirm.

The following screen is displayed.

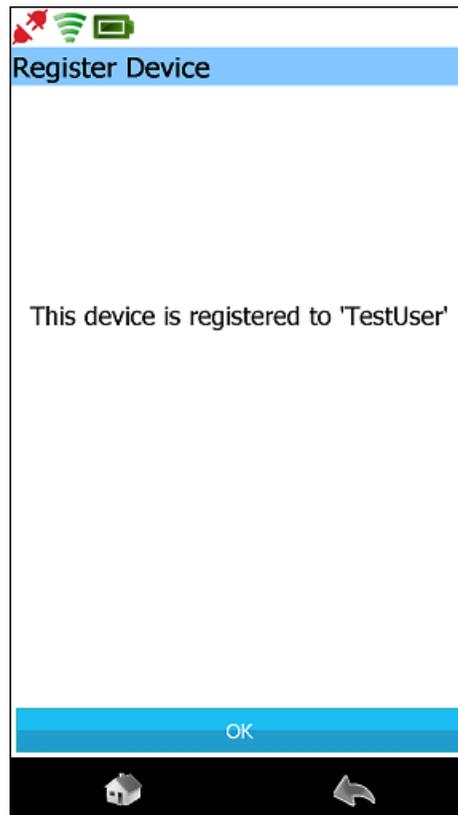


Figure 2.15 *Register Device Screen: Registered*

20 Touch **OK**.

You are returned to the **Configure** screen (Figure 2.11).

21 Touch the **Back** icon at the bottom of the display to return to the Admin menu.

You are now ready to activate your software application suites.

22 Move on to **Activating Your Software Applications** on page 44 of this manual.

Registering Pocket HD™ with a Static IP Address

This section covers the following topics:

- Entering Proxy Settings (pg. 22)
- Setting Up a Static IP Address (pg. 30)
- Registering the Pocket HD™ (pg. 36)

NOTE:



If your network is not configured using a proxy server, you can skip the following section and move on to Setting Up a Static IP Address, page 30.

Entering Proxy Settings

If your local network is configured using a proxy server, you will need to enter information to tell Pocket HD™ how to communicate with it. The following table lists the information required to make these settings.

TABLE 1 Proxy Settings

Proxy Server Settings	Record the Information Here
Server	
Port	
Authentication (yes or no)	
Domain	
User Name	
Password	

NOTE:



It's a good idea to gather the required information *before* you begin. In most cases, you'll want to get together with the designated IT person or network administrator at your location. He or she will have the information you'll need to make the necessary network settings.

To enter proxy settings (if required):

NOTE:

 The following procedure assumes that you have Internet access.

- 1 Push the **power button** on the device to power it up.

The **Home** menu is displayed.

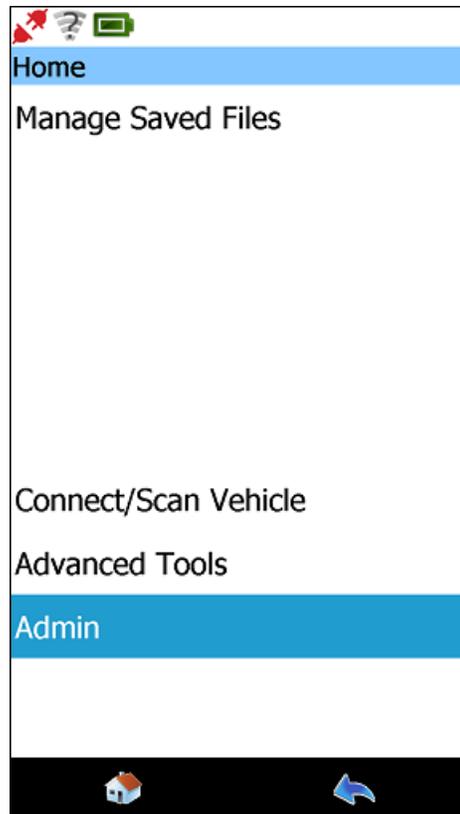


Figure 2.16 Home Menu

- 2 Select **Admin**.

The **Admin** menu is displayed.

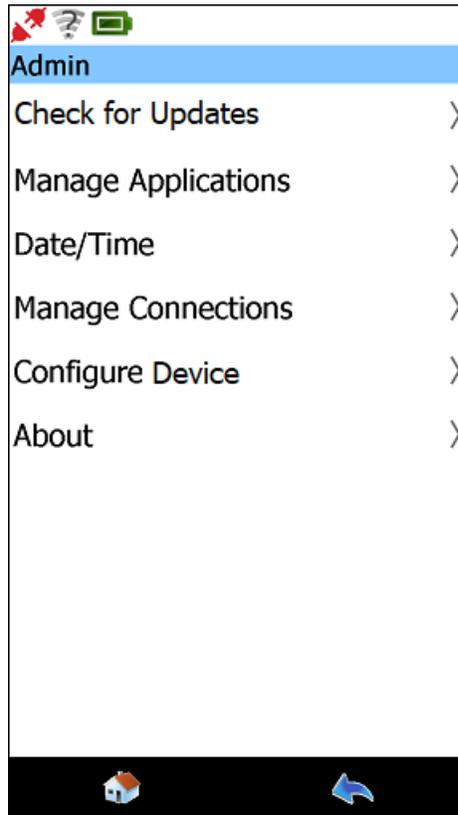


Figure 2.17 Admin Menu

- 3 Select **Manage Connections**.

The **Connections** screen is displayed.

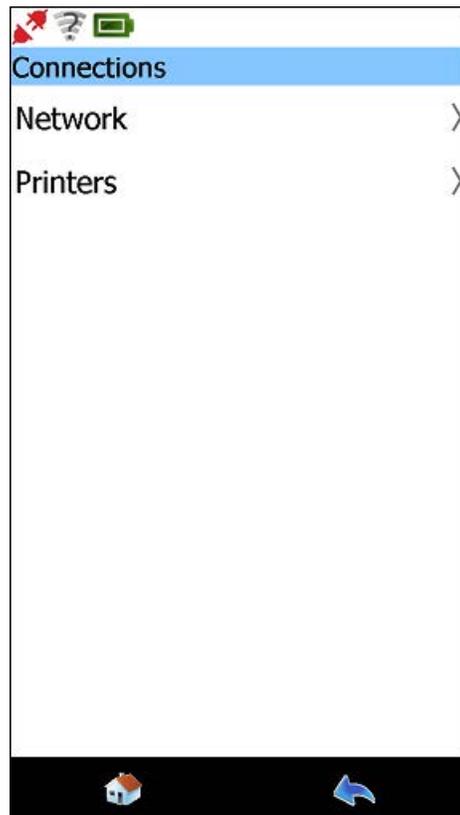


Figure 2.18 *Connections Screen*

- 4 Select **Network**.

The **Networks** screen is displayed.

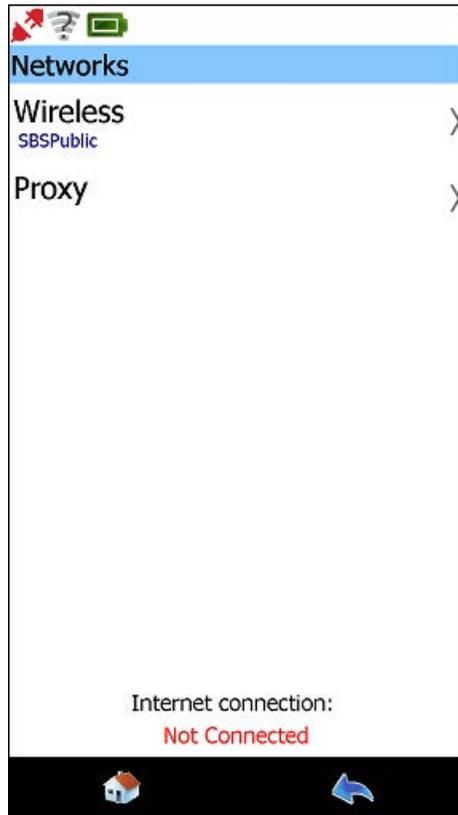


Figure 2.19 Networks Screen

- 5 Select **Proxy**.

The **HTTP Proxy** screen is displayed.

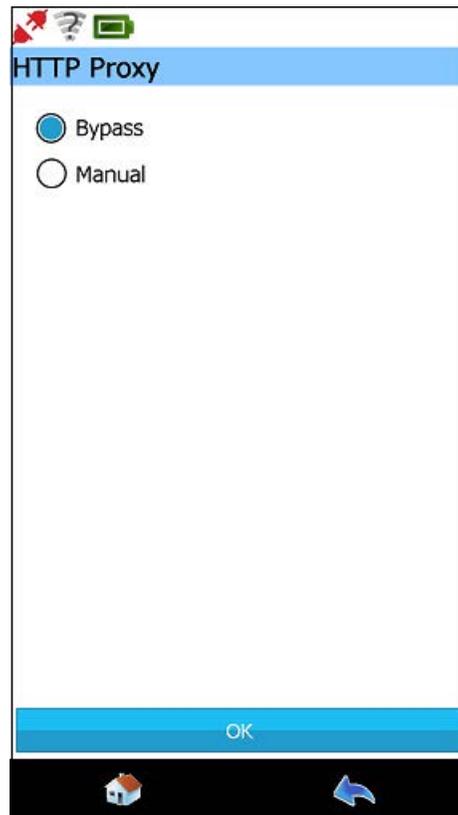


Figure 2.20 HTTP Proxy Screen

6 Select **Manual**.

The **HTTP Proxy** screen is displayed again.

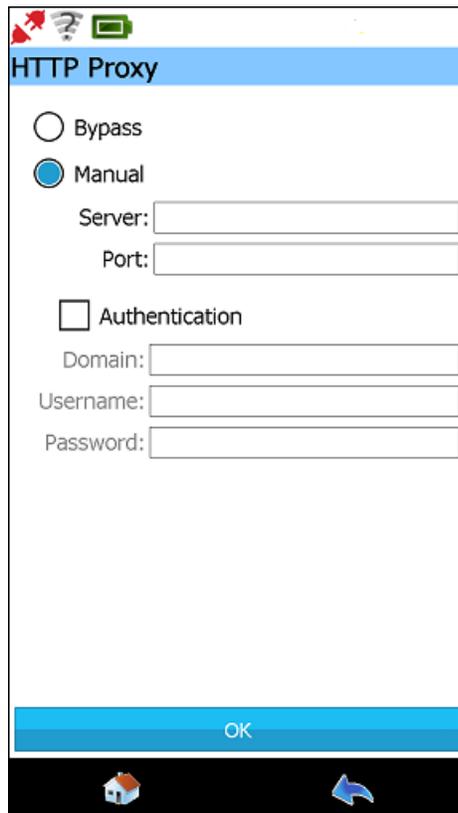


Figure 2.21 HTTP Proxy Screen: Manual Selected

- 7** Touch within the first data entry field (i.e., **Server**).
- 8** Use the keyboard to enter the information.
- 9** Touch within the next data entry field (i.e., **Port**).
- 10** Place a check mark in the **Authentication** box if your proxy server requires a password.
- 11** When you have entered all the information, touch the **Submit** button (i.e., the orange back arrow on the keyboard).
- 12** Touch **OK**.

The **Networks** screen is displayed.

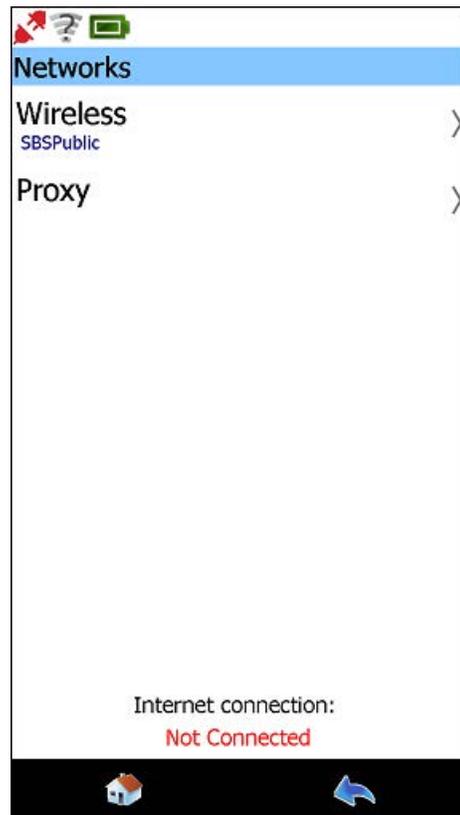


Figure 2.22 Networks Screen

13 Select **Wireless**.

Pocket HD™ updates network information, and displays the **Wireless** screen.

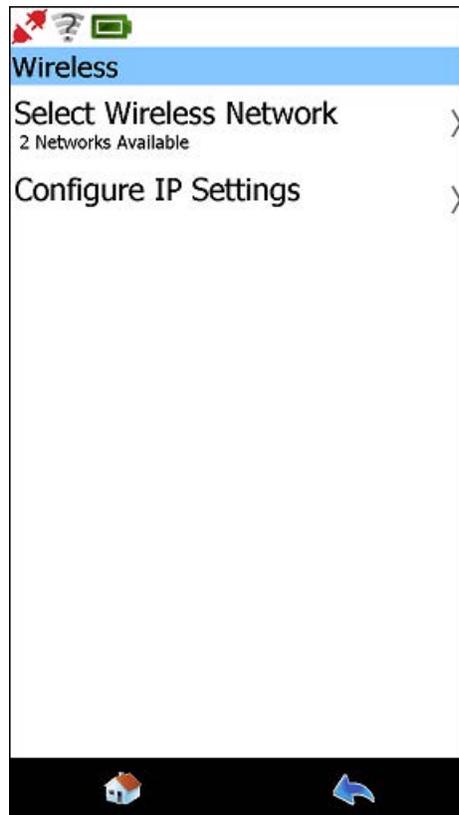


Figure 2.23 *Wireless Screen*

Setting Up a Static IP Address

To set up a static IP address:

- 1 Select **Configure IP Settings** from the Wireless screen (Figure 2.23).

The **IP Settings** screen is displayed.

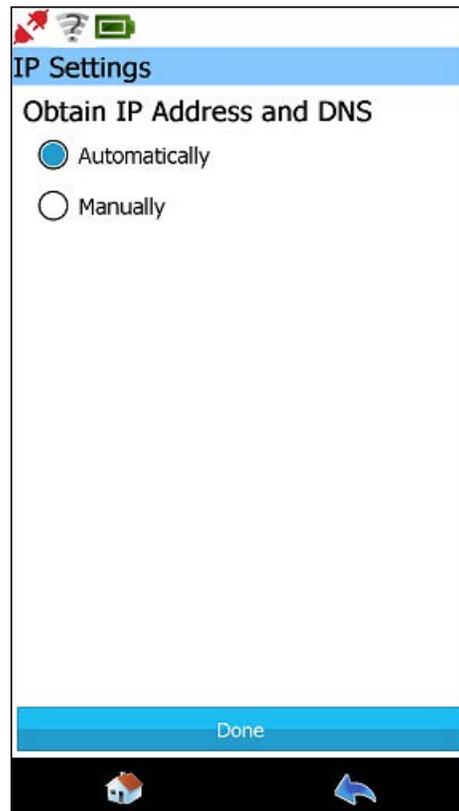


Figure 2.24 IP Settings Screen

- 2 Select **Manually**.

The **IP Settings** screen is displayed again.

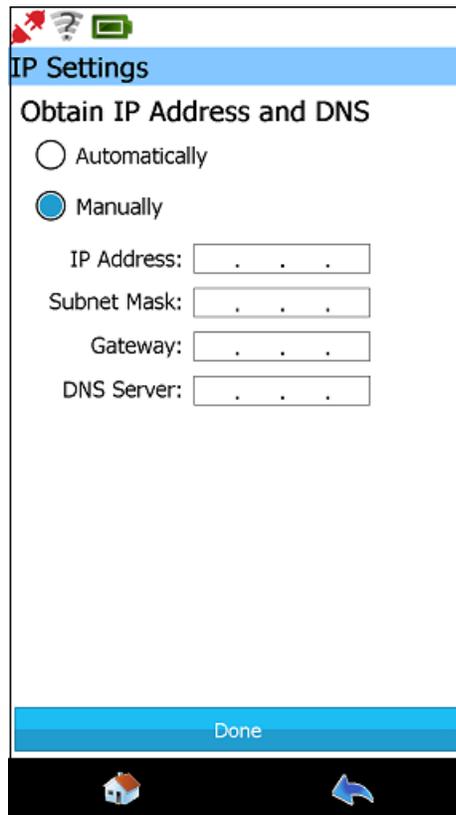


Figure 2.25 *IP Settings with Detail*

- 3** Touch within the first field (i.e., IP Address).
- 4** Enter the **IP Address** using the keyboard.
- 5** Enter the **Subnet Mask**.
- 6** Enter the **Gateway** (if necessary).
- 7** Enter the **DNS Server** (if necessary).
- 8** Touch **Done**.

The **Network** screen is displayed.

- 9** Select **Wireless**.

The **Wireless** screen is displayed.

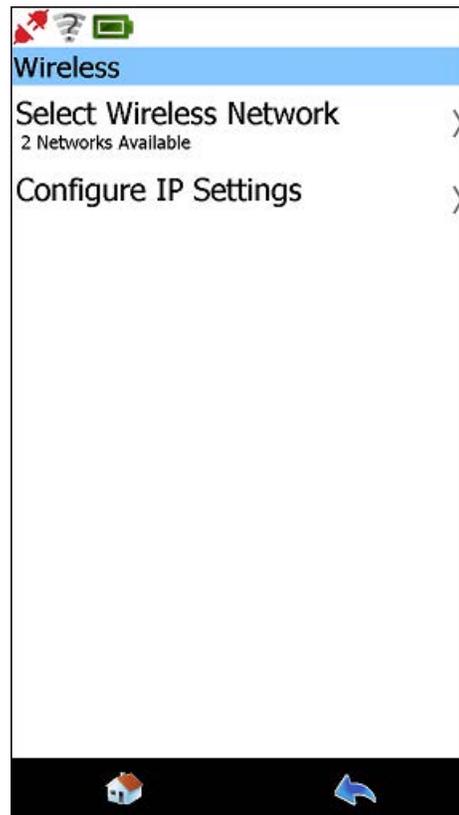


Figure 2.26 *Wireless Screen*

- 10** Choose **Select Wireless Network**.

The **Wireless** screen is displayed with available networks listed.



Figure 2.27 Wireless Screen with Available Networks

- 11 Select the wireless network you want to connect to (e.g., **SBSPublic**).

NOTE:



You can also add a wireless network if the network you want to connect to does not appear in the list. Select **Add Wireless Network** and follow the prompts. It is recommended that you employ the assistance of the designated IT person or network administrator at your location prior to adding a wireless network.

The **Connect to Network** screen is displayed.

- 12 Touch **Connect**.

Pocket HD™ updates the network settings.

The **Wireless** screen is displayed again and a check mark is displayed next to the wireless network you selected.



Figure 2.28 *Wireless Network Selected*

- 13** Touch **Done**.
The **Networks** screen is displayed again.
- 14** Touch the **Home** icon at the bottom of the display.

The **Home** menu is displayed.

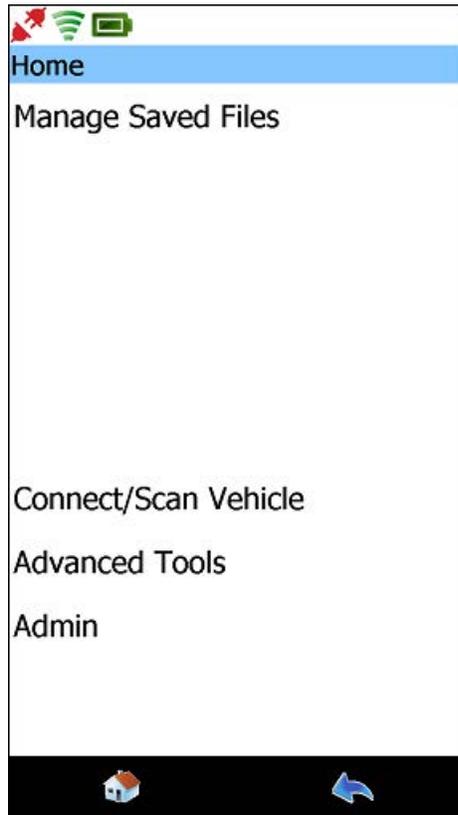


Figure 2.29 Home Menu

Registering the Device

To register the device:

- 1 Select **Admin** from the Home menu (Figure 2.29).

The **Admin** menu is displayed.

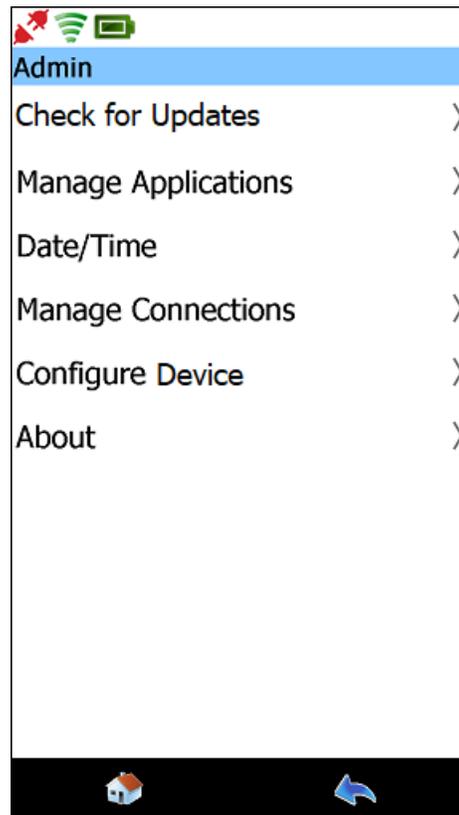


Figure 2.30 Admin Menu

- 2 Select **Configure Pocket HD**.

The **Configure** screen is displayed.

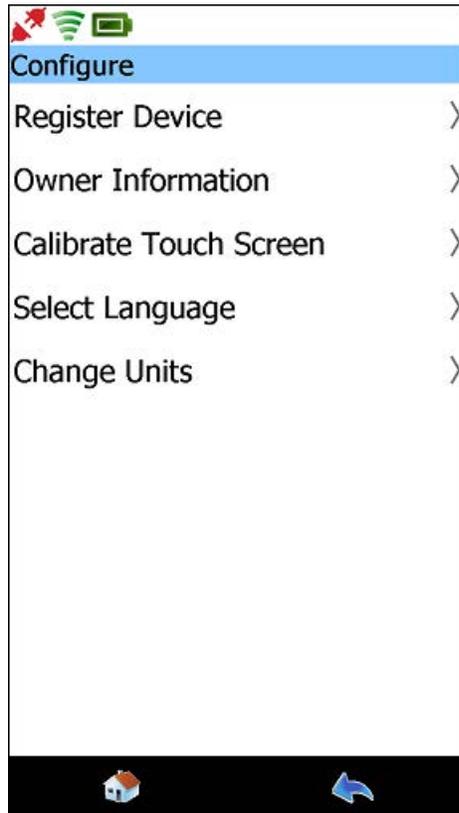


Figure 2.31 *Configure Screen*

- 3 Select **Register Device**.

The **Login** screen is displayed.

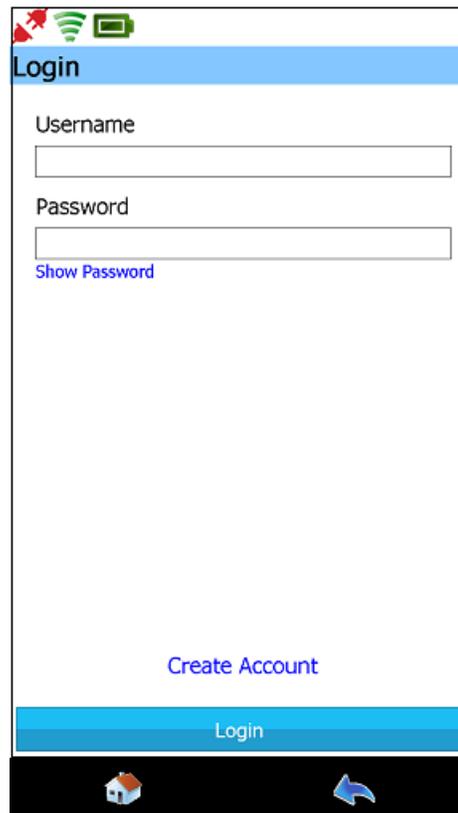


Figure 2.32 Login Screen

NOTE:



If you *do not* have an existing account with a Username and Password, click on the **Create Account** link and following the prompts to create an account.

- 4 Touch within in the first data entry field (i.e., **Username**).

The pop-up keyboard is displayed.



Figure 2.33 Pop-up Keyboard

- 5 Use the keyboard to enter your **Username**.
- 6 Touch within the next data entry field.
- 7 Enter the appropriate **Password**.
- 8 Touch the **Submit** button (i.e., the orange back arrow on the keyboard).

A confirmation message is displayed.

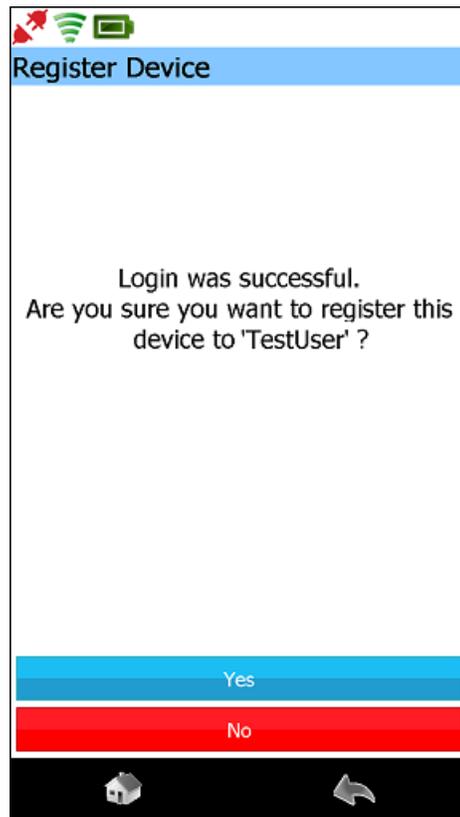


Figure 2.34 *Login Successful Message*

- 9 Touch **Yes** to confirm.

The following screen is displayed.



Figure 2.35 Register Device Screen: Registered

10 Touch **OK**.

You are returned to the **Configure** screen (Figure 2.11).

11 Touch the **Back** icon at the bottom of the display to return to the Admin menu.

The **Admin** menu is displayed.

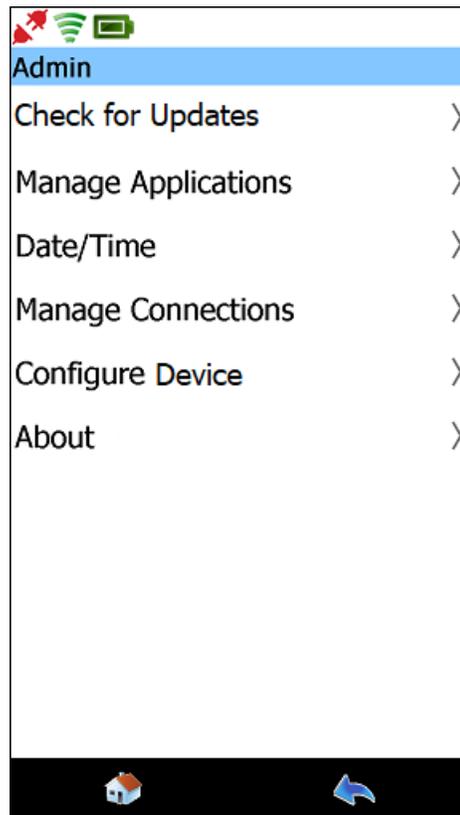


Figure 2.36 Admin Menu

You are now ready to activate your software applications.

- 12** Move on to **Activating Your Software Applications** on page 44 of this manual.

Activating Your Software Applications

Before you can activate an application, you need to obtain an Activation Code. You use the **Activate Applications** feature to activate software applications for use on the Pocket HD™.

NOTE:



You will need your Software Product Key(s) to complete this task. The Software Product Key is located on a sticker inside the software application product key enclosure shipped with your device.

The following procedure assumes that you have already:

- Successfully created a User Account and Password
- Registered your Pocket HD™

To Activate an Application Using Pocket HD™:

- 1 Select **Manage Applications** from the Admin screen (Figure 2.36).

The **Manage Applications** screen is displayed.

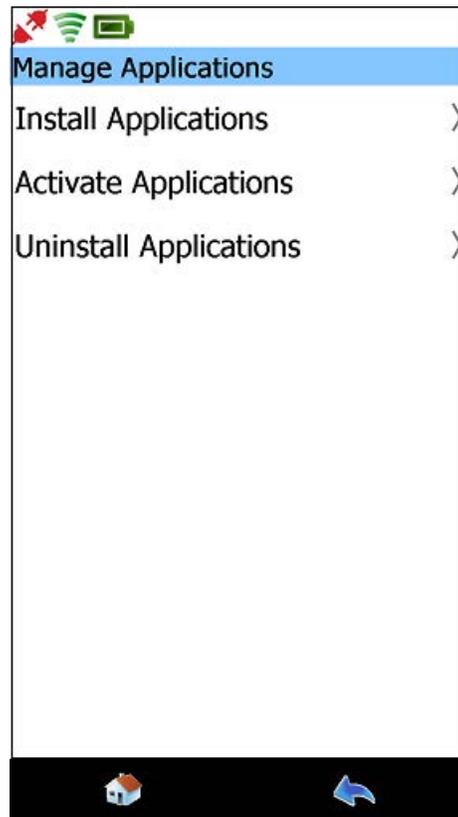


Figure 2.37 *Manage Applications Screen*

2 Select **Activate Applications**.

The **Registration** screen is displayed.

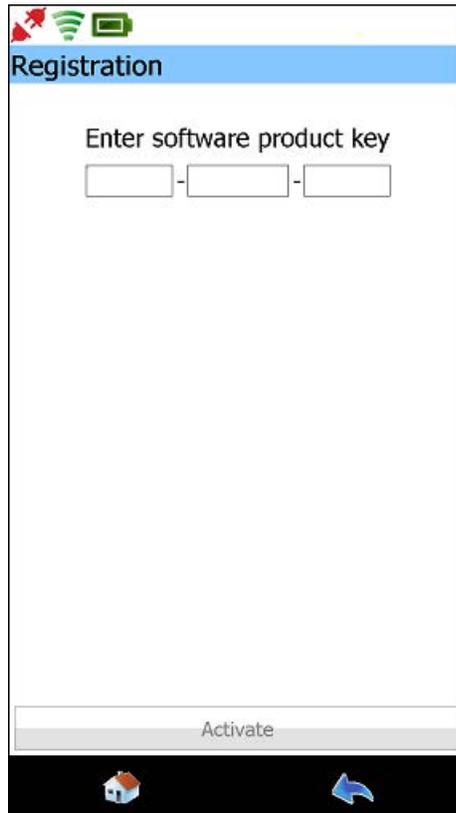


Figure 2.38 Registration Screen

- 3 Touch within the first data entry field.

NOTE:

 The **Software Product Key** is printed on a sticker inside the software application product key enclosure shipped with your device.

- 4 The pop-up keyboard is displayed.

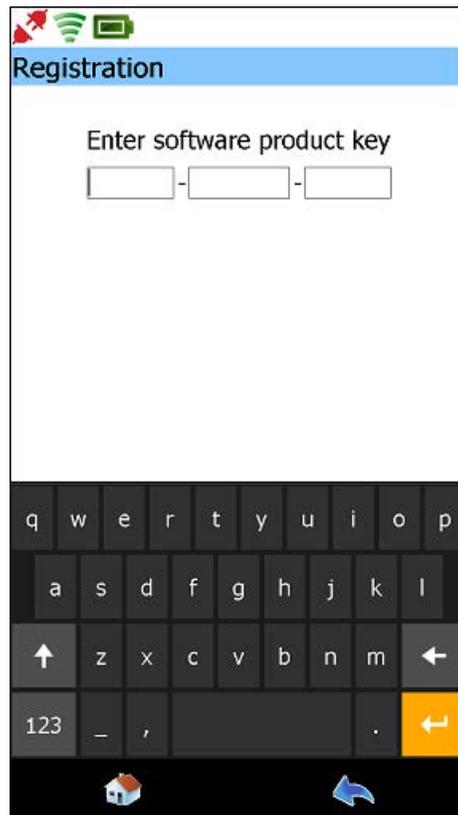


Figure 2.39 Keyboard

- 5 Use the keyboard to enter the **Software Product Key**.

NOTE:

 The Product Key is not case sensitive. You can enter it in all lower-case letters.

- 6 Touch the **Submit** button (i.e., the orange back arrow on the keyboard) to activate.

Pocket HD™ verifies the Software Product Key, automatically downloads the required activation codes, and displays the following message:

The application software has been registered. Would you like to enter more product keys?

NOTE:



Once the activation process is complete, you may see the Updates Available icon  at the top of the screen indicating that software updates are available for your new application.

Click on the icon to navigate to the Install Updates screen where you can download the updates. Or, you can wait and perform this task after you have activated your other software applications.

- 7** Do one of the following:
- Touch **Yes** to continue registering more applications.
 - Touch **No** to return to the Admin menu (Figure 2.36).

Chapter 3

Pocket HD™ Hardware and User Interface



- ▼ *Pocket HD™ Components, page 50*
 - ▼ *Component Checklist, page 51*
- ▼ *Product Specifications, page 52*
- ▼ *Hardware Overview, page 53*
- ▼ *User Interface Overview, page 56*
 - ▼ *The Home Menu, page 56*
 - ▼ *The Admin Menu, page 58*
 - ▼ *Navigation, page 59*
 - ▼ *Screen Icons, page 59*

This chapter provides an overview of the Pocket HD™ hardware, including a detailed product specification. It also provides an overview of the Pocket HD™ user interface.

NOTE:



Screen shots used throughout this guide are for illustrative purposes only. All data shown is fictitious in nature.

Pocket HD™ Components

The following illustration details the Pocket HD™ components:



Figure 3.1 Pocket HD™ Components

Component Checklist

The following components are included with your Pocket HD™ kit. Be sure you have all the items before using the device:

- ✓ Carrying Case
- ✓ Pocket HD™ Scan Tool
- ✓ Battery (2200AH @3.6V Li Ion)
- ✓ USB Power Adapter
- ✓ USB Type C Cable
- ✓ 26-pin Data Cable
- ✓ 9-pin Deutsch Adapter
- ✓ 16-pin J1962 (OBD II) Adapter
- ✓ Pocket HD™ Software Suite “Product Key Enclosure.”
Includes Software Product Key sticker for the following:
LMT 2016 and HDS.

Product Specifications

The Pocket HD™ is configured with the following specifications:

Item	Specification
Physical Dimensions	3.75" x 7.00" x 1.25"
Weight	0.58 lbs.
System	
Main CPU	NXP 1MX6DL (Dual Arm - A9 core) running at 1 GHz with 1 GHz bus.
Vehicle COM	NXP MCF54415, 240 MHz
Protocol CPU	NXP KINETIS K10, 96 MHz
Memory	SDRAM 1 GB Solid-state drive 8 GB
Operating System	Windows embedded Compact 7.0 (WEC7)
Display	5 in., 720 x 1280 color transfective TFT with touch-screen and backlight
Input Device	Touch-screen and full alphanumeric software keyboard
Vehicle Protocols	Three CAN channels support for J1939, J2284, ISO 15765 <ul style="list-style-type: none"> • ISO 9141/KW2000 • J1708 • J1850 (VPW, PWM) • GM 160 baud • GM 8192, 9600 UART (ALDL) • Chrysler - CCD
Power Source	Internal battery: 2200mAh @ 3.6V Li Ion Charging: USB type C AC/CD adapter, or vehicle power Battery life: typically five hours
External I/O	USB type C OTG/Power Wi-Fi Dual Band 802.11 a/b/g/n Micro SD Card
AC/DC Power Adapter Connector	AC input 100-240 V, 0.8A, 50/60Hz DC output 15V 1.2A

Hardware Overview

This section introduces the Pocket HD™, its ports, and its connections.

Front View



Figure 3.2 Front View of the Pocket HD™

Top View

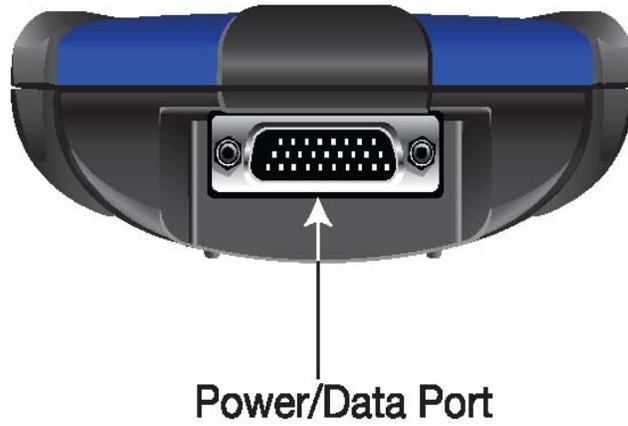


Figure 3.3 Top View of the Pocket HD™

Bottom View

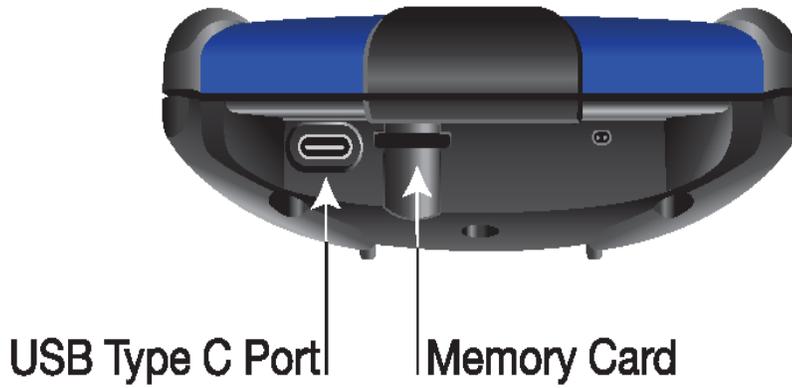


Figure 3.4 Bottom View of the Pocket HD™

Back View

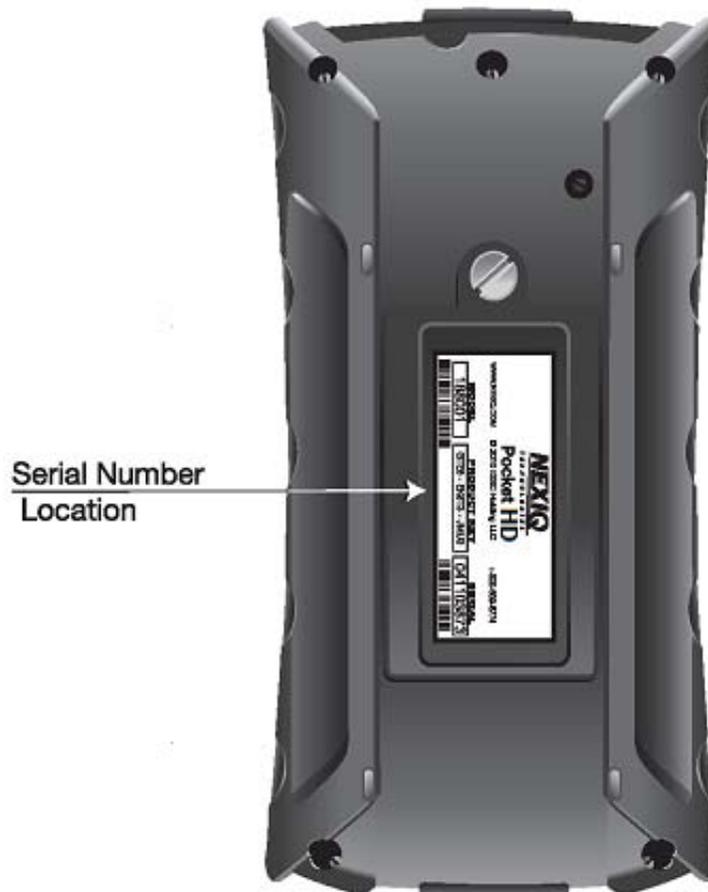


Figure 3.5 Back View of the Pocket HD™

User Interface Overview

The Pocket HD™ user interface has two primary menus.

- Home
- Admin

The Home Menu

The Home menu has two states:

- Connected (i.e., the main Diagnostics menu)
- Disconnected (i.e., Home)

NOTE:



For detailed information on both the Home/Diagnostics menu, refer to *Chapter 4: Using the Diagnostics Menu*, later in this manual.

Connected: The Diagnostics Menu

When connected to a vehicle, Home displays the main Diagnostics menu.

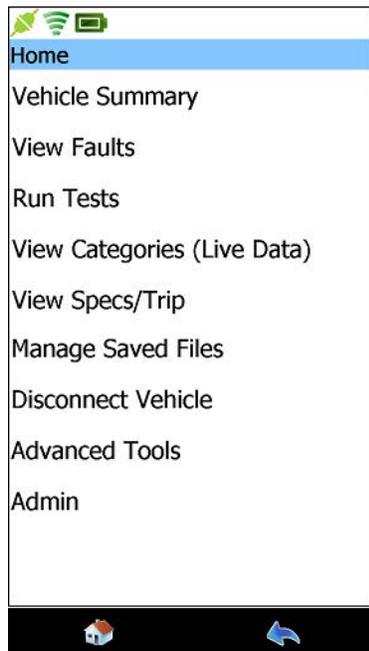


Figure 3.6 Home (i.e., the Diagnostics Menu) in a Connected State

Disconnected: Home

In a disconnected state, the features available are limited to the following four items:

- Manage Saved Files
- Connect/Scan Vehicle
- Advanced Tools
- Admin

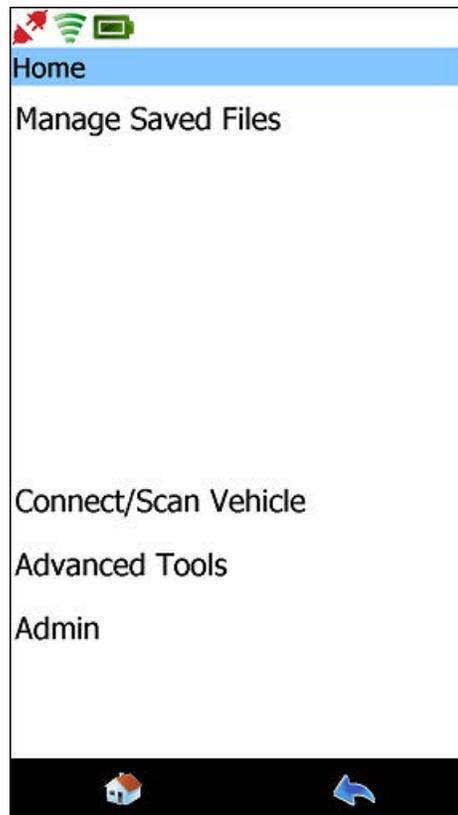


Figure 3.7 Home in a Disconnected State

NOTE:



When Pocket HD™ is connected to a vehicle, the Connection icon is **green**. When not connected, the icon is **red**.

The Admin Menu

You use the Admin menu to perform various administrative tasks (e.g., registering Pocket HD™, managing your software applications, and selecting a printer).

NOTE:



For detailed information on the Admin Menu, refer to *Chapter 5: Using the Admin Menu*, later in this manual.

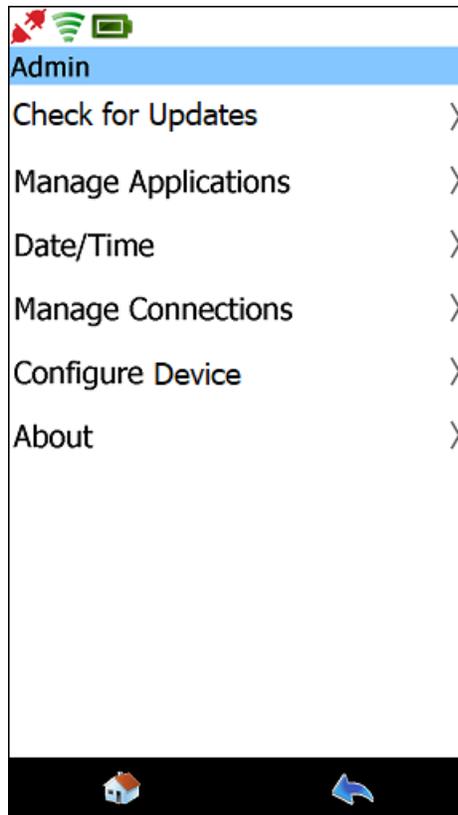


Figure 3.8 Admin Menu

NOTE:



You can access the Admin menu when the Pocket HD™ is connected to a vehicle or disconnected.

Navigation

You navigate the Pocket HD™ screens and features and make your selections by touching the screen.

Screen Icons

There are four icons across the top of the display.

Icons		What the Icon Provides:
Connection		A visual confirmation of the tool's vehicle connection status; changes from red (not connected) to green (connected).
Network	 	A visual indication of network connectivity. There are two states, connected to the network and not connected. Touch the icon to navigate to the Networks screen. From the Networks screen, the following choices are available: <ul style="list-style-type: none"> • Wireless • Proxy
Battery Power		A visual confirmation of the state of battery power.
Updates Available		A visual notification that system and software updates are available for download. Touch the icon to navigate to the Install Updates screen.

There are two icons located at the bottom of the display.

Icons		What the Icon Provides:
Back		A way to navigate to the previous screen. Touch the icon to go back one screen.
Home		A way to navigate to the Home menu. Touch the icon to go to the Home menu.

Chapter 4

Using the Diagnostics Menu



- ▼ *Connecting to a Vehicle, page 62*
- ▼ *Beginning the Scanning Process, page 64*
 - ▼ *Scanning the Vehicle Using Heavy Duty Scan (Auto), page 65*
 - ▼ *Scanning a Vehicle Using Heavy Duty Scan (Manual), page 71*
 - ▼ *When the Scan is Complete, page 77*
- ▼ *Using the Vehicle Summary, page 78*
- ▼ *Viewing Fault Information, page 79*
- ▼ *Overview: The Home Menu, page 97*
- ▼ *Running Tests, page 100*
- ▼ *Viewing Categories (Live Data), page 107*
- ▼ *Viewing Vehicle Specifications and Trip Data, page 111*
- ▼ *Managing Saved Files, page 117*
- ▼ *Disconnecting from the Vehicle, page 129*
- ▼ *Advanced Tools, page 131*

This chapter provides detailed instructions for using the diagnostic features found on the Diagnostics menu (i.e., Home) when Pocket HD™ is connected to a vehicle.

NOTE:



Screen shots used throughout this guide are for illustrative purposes only. All data shown is fictitious in nature.

Connecting to a Vehicle

Prior to using Pocket HD™, you must connect to a vehicle using the power and data cable and the appropriate adapter. **The vehicle should be in a key-on, engine-off state.**

NOTE:



To view an illustration of the Pocket HD™ components, including the adapters mentioned in the following procedure, refer to Figure 3.1 in Chapter 3 of this manual.

To connect to a vehicle:

- 1 Connect the power and data cable to the power/data port on the top of the Pocket HD™.
- 2 Select the appropriate adapter for the vehicle to which to want to connect.
Choices include the following:
 - 9-pin Deutsch adapter
 - 16-pin J1962 (OBD II) adapter (for use with OBD II Scan only)
- 3 Connect one end of the adapter to the power and data cable.
- 4 Attach the other end of the adapter (e.g., the Deutsch connector end) to the vehicle's diagnostic connector.
- 5 Touch the **Power** button on the Pocket HD™ to power it up.

NOTE:



To power down the Pocket HD™, press and hold the Power button.

When you power up the Pocket HD™, the following screen is displayed.

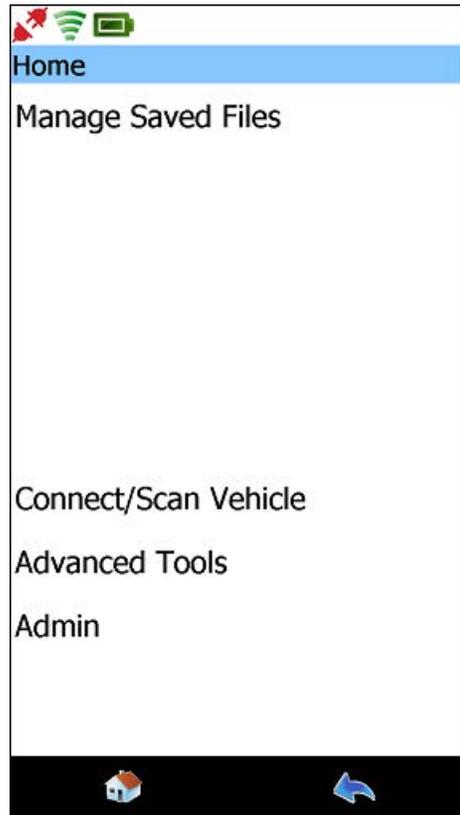


Figure 4.1 Home Screen

Beginning the Scanning Process

The following scanning options are available:

- **Heavy Duty Scan (Auto)**—Scans the vehicle, presents a list of ECUs detected during scanning (J1708 and J1939), and enables you to select *up to six* (6) ECUs from the list.
- **Heavy Duty Scan (Manual)**—Scans the vehicle, presents a list of ECUs detected during scanning (J1708 and J1939), and enables you to select *one* ECU from the list.
- **OBD II Scan**—Automatically scans the vehicle (SAE J1850, ISO 1941-2, ISO 14230—a.k.a. Keyword, ISO 15765 CAN, and European OBD—a.k.a. EOBD), and loads support for all ECUs detected.
- **DPF Regeneration**—Automatically scans the vehicle and displays the DPF Regeneration screen. Select Start to begin the procedure. Select Stop to end the procedure. Select Quit to exit the test.
- **LMT**—Scans the vehicle and displays the Vehicle Selection screen. Use the Vehicle Selection screen to specify the type of vehicle you want to connect to (choices include Application, Year, Module, and VIN-8th digit). When you select Dodge/RAM or Isuzu, the other choices are not available.
- **Demo Scan**—Provides a preview of functionality for demonstration purposes only.

The remainder of this section covers the following topics:

- Heavy Duty Scan (Auto) (pg. 65)
- Heavy Duty Scan (Manual) (pg. 71)
- When the Scan is Complete (pg. 77)

Scanning the Vehicle Using Heavy Duty Scan (Auto)

You use the Heavy Duty Scan (Auto) feature when you want Pocket HD™ to automatically identify the available modules on the vehicle and the appropriate Pocket HD™ software applications. You can select up to six modules to load.

To begin the scanning process:

- 1 From the Home screen (Figure 4.1), touch **Connect/Scan Vehicle**.

The **Scan Vehicle** screen is displayed.

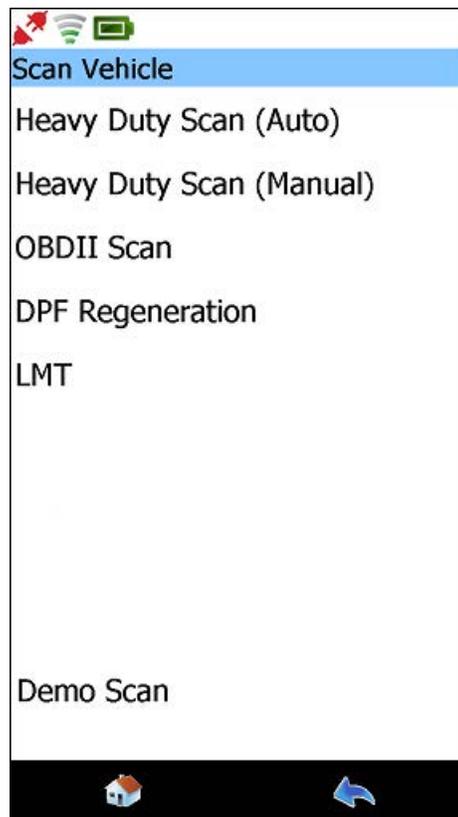


Figure 4.2 Scan Vehicle Screen

- 2 Select the scanning option appropriate for the vehicle to which you are connected, for example, **Heavy Duty Scan (Auto)**.

The Pocket HD™ starts scanning the vehicle and displays the following screen.

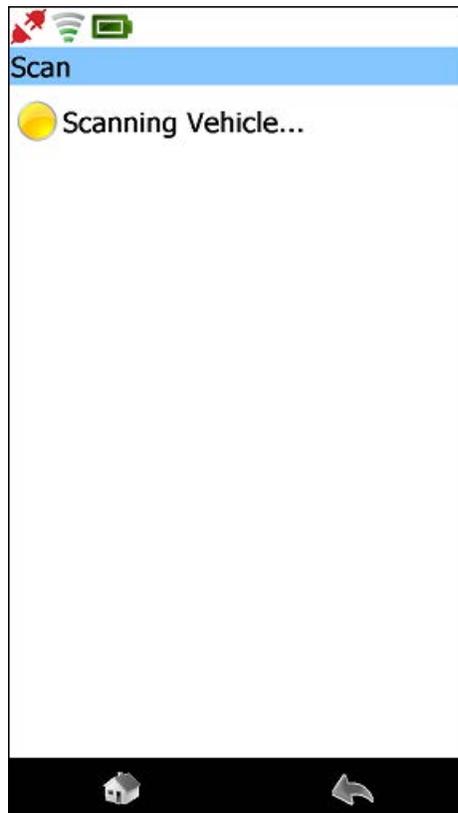


Figure 4.3 Scanning Vehicle Message

During scanning, the **Back** and **Home** icons located at the bottom of the display are not available (i.e., greyed out).

NOTE:



It may take a minute or two to display the next screen.

When the modules on the vehicle are detected, Pocket HD™ displays the **Module Selection** screen



Figure 4.4 *Module Selection Screen*

NOTE:

i The device displays the available modules (e.g., **Engine Ch1**) followed by the name of the Pocket HD™ software application(s) that will be used to communicate with the module (e.g., **J1939 and Heavy Duty Standard J1939**).

3 Make your selections by touching the item you want to load.

NOTE:

i You can select up to six modules from the list.

Your selections are highlighted.

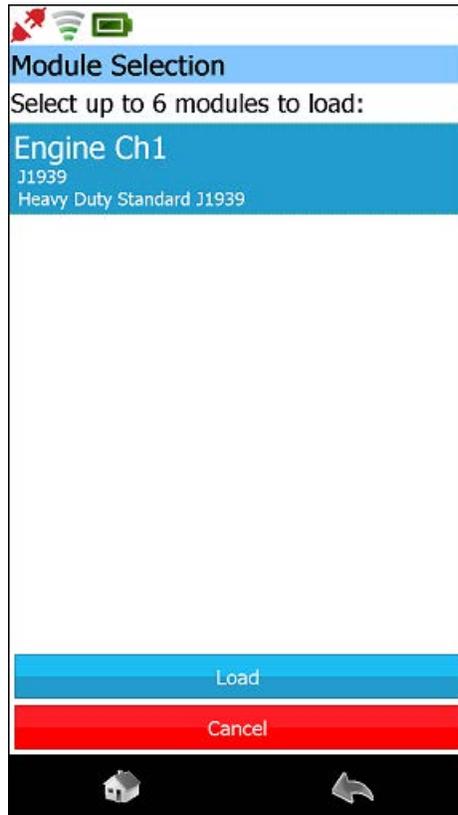


Figure 4.5 *Module Selection Screen with Item Highlighted*

4 Touch **Load**.

If the vehicle scan is successful, the modules you selected are listed.

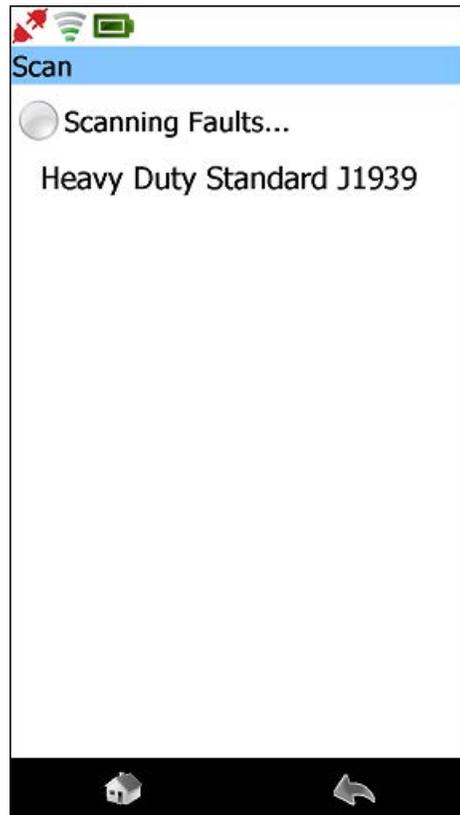


Figure 4.6 *Selected Modules Listed*

Then, the Pocket HD™ attempts to scan for faults for each of the selected modules.

The “Scanning Faults...” indicator light flashes yellow while the scan is in progress.

When a module's faults are scanned successfully, a green check mark appears to the left of the module in the list.

When all the faults of all the modules are scanned successfully, the following screen is displayed.

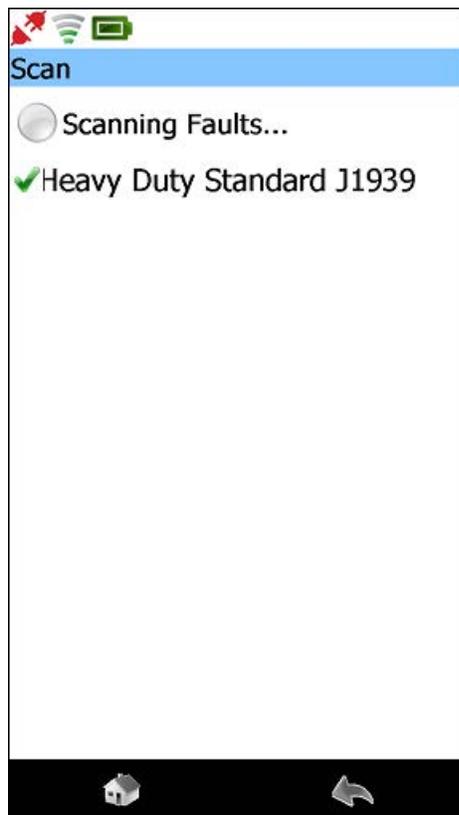


Figure 4.7 Green Check Marks Indicate Success

Move on to **When the Scan is Complete** on page 77 of this chapter.

Scanning a Vehicle Using Heavy Duty Scan (Manual)

You use the Heavy Duty Scan (Manual) feature when *you* want to manually select the module you want to load from a list presented by Pocket HD™. You can select only one module to load.

To begin the scanning process:

- 1 From the Home screen (Figure 4.1), touch **Connect/Scan Vehicle**.

The **Scan Vehicle** screen is displayed.

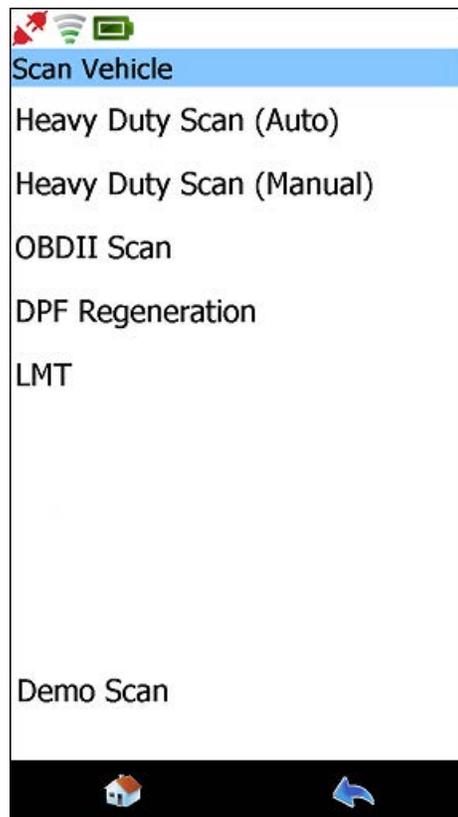


Figure 4.8 Scan Vehicle Screen

- 2 Select the scanning option appropriate for the vehicle to which you are connected, for example, **Heavy Duty Scan (Manual)**.

The Pocket HD™ starts scanning the vehicle and displays the following screen.

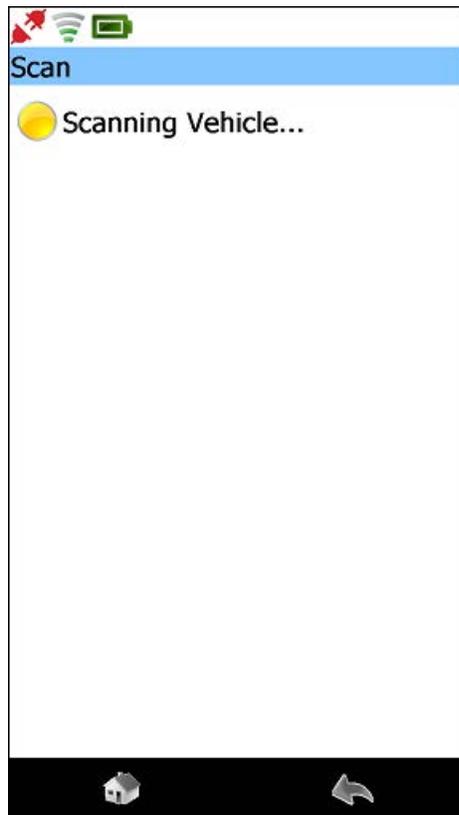


Figure 4.9 Scanning Vehicle Message

During scanning, the **Back** and **Home** icons located at the bottom of the display are not available (i.e., greyed out).

NOTE:



It may take a minute or two to display the next screen.

The **Manual Connect** screen is displayed.

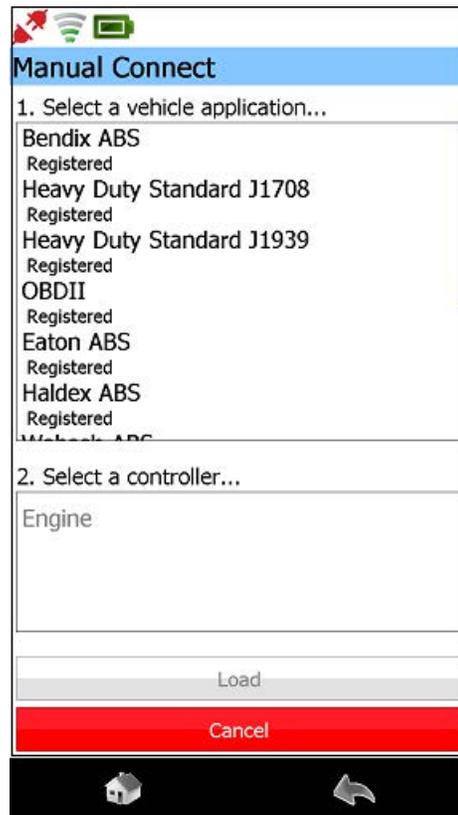


Figure 4.10 *Manual Connect Screen*

- 3 Use the scroll bar at the right to scroll through the list.
- 4 Select a module from the first box (e.g., **Heavy Duty Standard J1939**).

Your selection is highlighted.



Figure 4.11 Selection Highlighted

- 5 Select a controller (e.g., **Engine**).

The **Load** button is activated.



Figure 4.12 Load Button Activated

6 Touch **Load**.

When the module's faults are scanned successfully, a green check mark appears to the left of the module in the list, and the following screen is displayed.

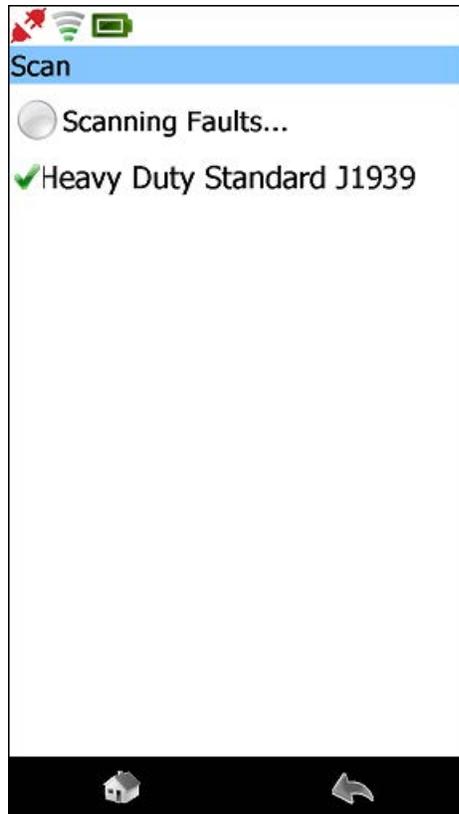


Figure 4.13 A Green Check Mark Indicate Success

Move on to ***When the Scan is Complete***, next in this chapter.

When the Scan is Complete

When the Pocket HD™ has successfully scanned the vehicle, the Home menu (i.e., the main **Diagnostics** menu) is displayed.



Figure 4.14 Home Menu in a Connected State

At this point, you are ready to start using the features available on the Home menu (i.e., main Diagnostics menu).

The remainder of this chapter will cover the features available from this menu:

- Vehicle Summary (pg. 78)
- View Faults (pg. 79)
- Run Tests (pg. 100)
- View Categories (Live Data) (pg. 107)
- View Specs/Trip (pg. 111)
- Manage Saved Files (pg. 117)
- Disconnect Vehicle (pg. 129)
- Advanced Tools (pg. 131)
- Admin (see Chapter 5 of this manual)

Using the Vehicle Summary

The Vehicle Summary is available from the Home menu (i.e., the main Diagnostics menu) (Figure 4.14)

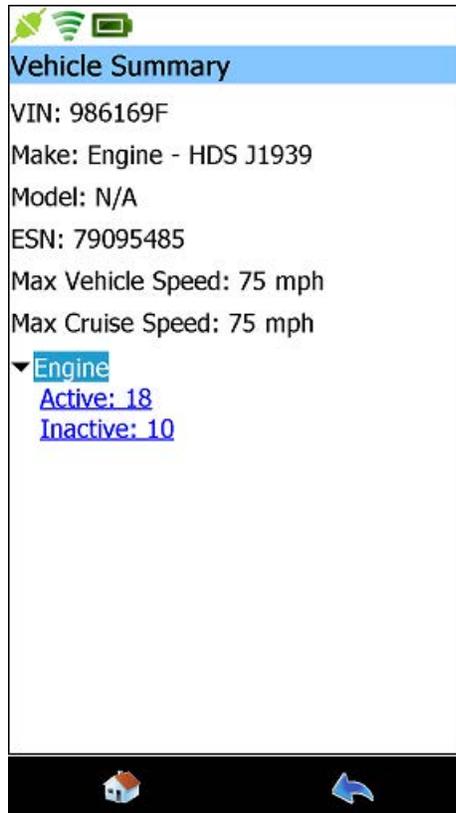


Figure 4.15 Sample Vehicle Summary

The Vehicle Summary provides detailed information for the vehicle to which you are connected. The Vehicle Summary also enables you to:

- View Fault information (i.e., navigate to the Faults screen) (pg. 79)

To navigate to the Home menu, touch the **Home** icon at the bottom of the display.

To navigate to the Faults screen, touch either **Active** or **Inactive** on the display.

Viewing Fault Information

When connected to a vehicle, you can access the Faults screen from the **Home** menu (i.e., the Main Diagnostics menu).

To view fault information:

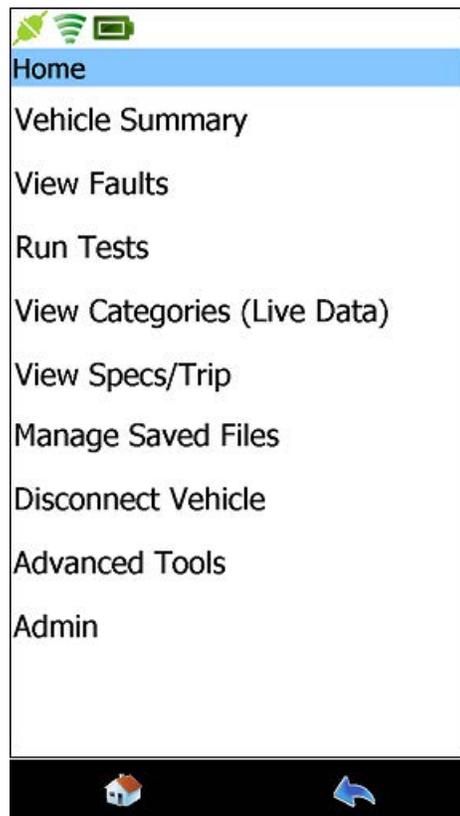


Figure 4.16 Main Diagnostics Menu

- 1 Touch **View Faults**.

The **Faults** screen is displayed.

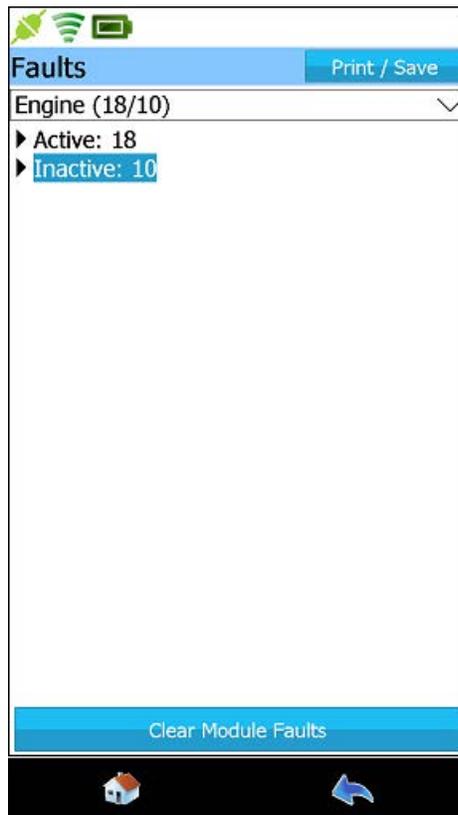


Figure 4.17 *Faults Screen*

Faults are displayed in two categories:

- Active
- Inactive

The number of faults for each category is also displayed to the right of the category (e.g., **Active: 18 and Inactive: 10**).

The black arrow to the left of the category indicates that you can expand the category to display additional information.

- 2 Touch the fault category (e.g., **Active: 18**).

The category expands revealing additional detail.

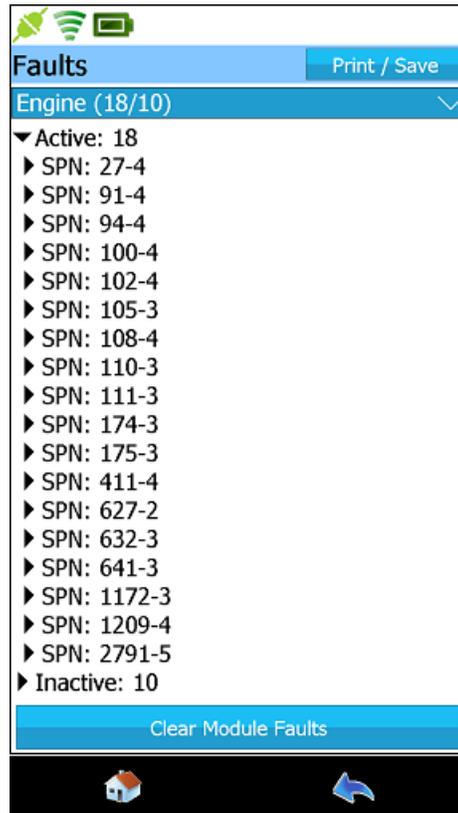


Figure 4.18 Active Fault Category Expanded

NOTE:

 If there are multiple faults in the category, the expanded view lists each fault.

- 3 To expand the information even further, touch the fault you wish to view (e.g., **SPN: 27-4**).

The additional information is displayed.

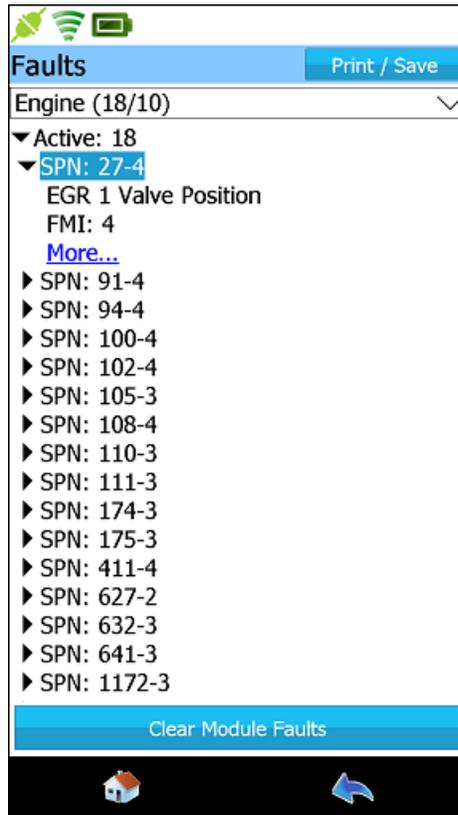


Figure 4.19 Faults Screen: Fault Detail

NOTE:



To collapse the information, touch the expanded fault.

- 4 Touch **More...** to view more detailed information.

The **Fault Details** screen is displayed.

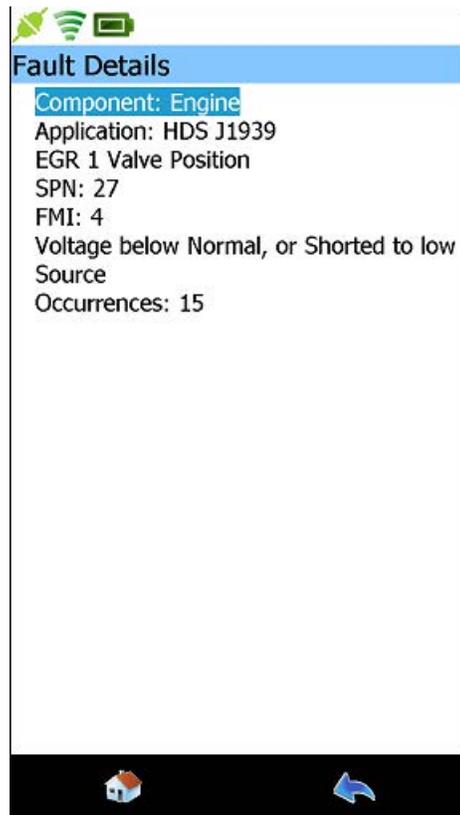


Figure 4.20 *Fault Details Screen*

- 5** Use the **Back** icon at the bottom of the display to return to the Faults screen (Figure 4.19).
- 6** Continue selecting faults until you are finished viewing fault information.

Selecting a Different Component

To display fault information for a different vehicle component, touch the Vehicle Component drop-down menu at the top of the display just below the title, e.g., **Engine (18/10)**.

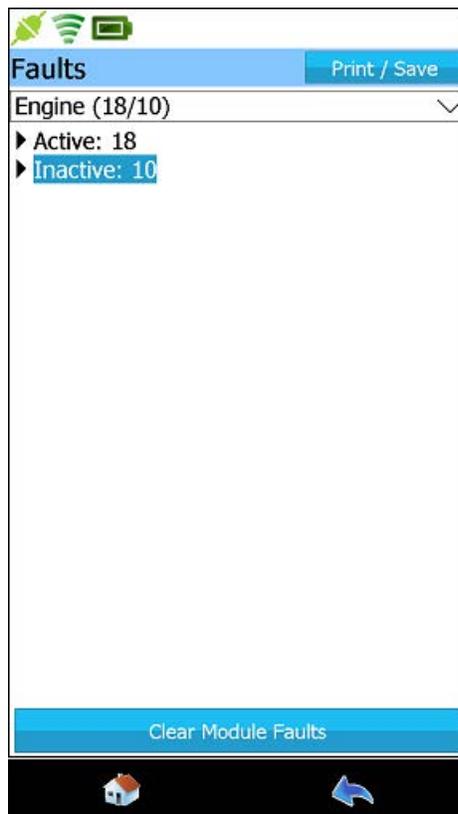


Figure 4.21 Vehicle Component Bar

To select a different vehicle component:

- 1 Touch the **Vehicle Component** drop-down menu to display the drop-down menu, e.g., **Engine (18/10)**.

The drop-down menu is displayed.

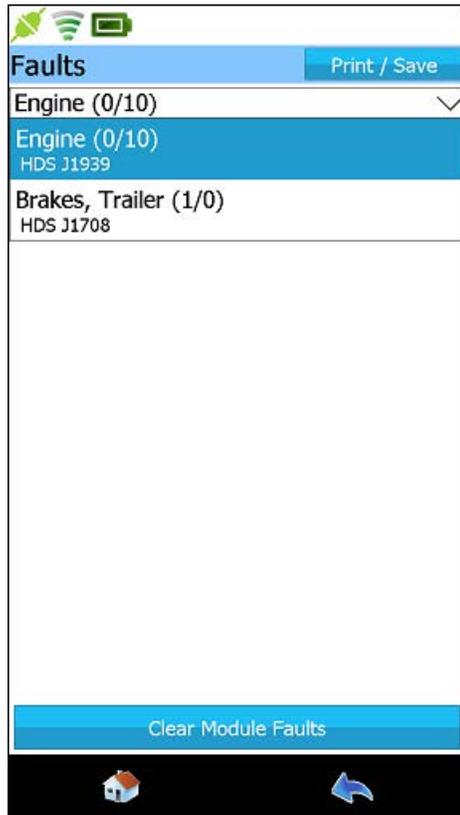


Figure 4.22 Vehicle Component Drop-down Menu

- 2 Touch on a different component to view fault information for that module (e.g., **Brakes, Trailer**).

The **Faults** screen is displayed again, displaying fault information for the module you selected.



Figure 4.23 Retarder - Engine Selected

The current selection (i.e., **Retarder - Engine**) is highlighted in blue at the top of the screen.

- 3 When you are finished viewing information, touch the **Home** icon at the bottom of the display, to navigate to the Diagnostics menu (i.e., Home).

The **Diagnostics** menu (i.e., Home) is displayed.

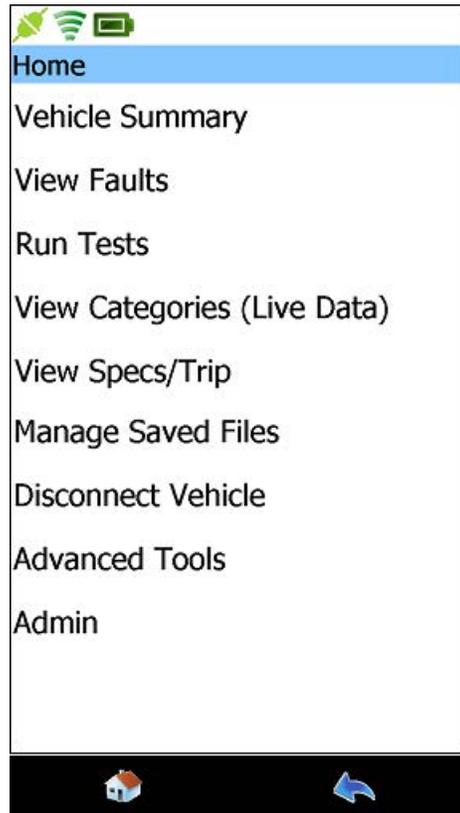


Figure 4.24 *Diagnostics Menu*

Saving Fault Information

You use the **Print/Save** button at the top of the Faults screen to save fault information to a file.

To save fault information to a file:

1. Navigate to the **Faults** screen.

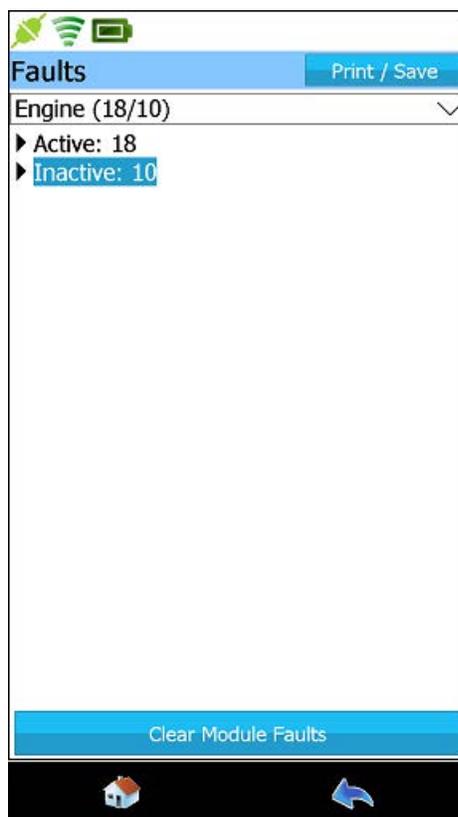


Figure 4.25 Faults Screen

2. Touch on the **Print/Save** button at the top of the display.

The **Print or Save Report** screen is displayed.

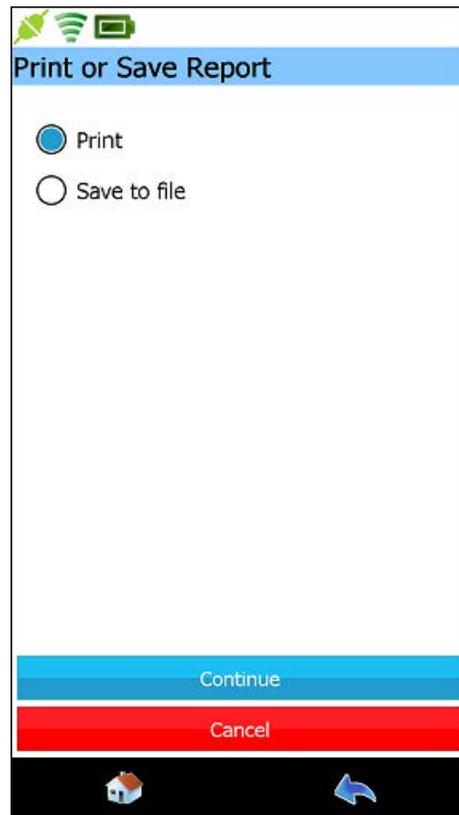


Figure 4.26 *Print or Save Report Screen*

- 3** Select **Save to file**.
- 4** Touch **Continue**.

The **Save File** screen is displayed.

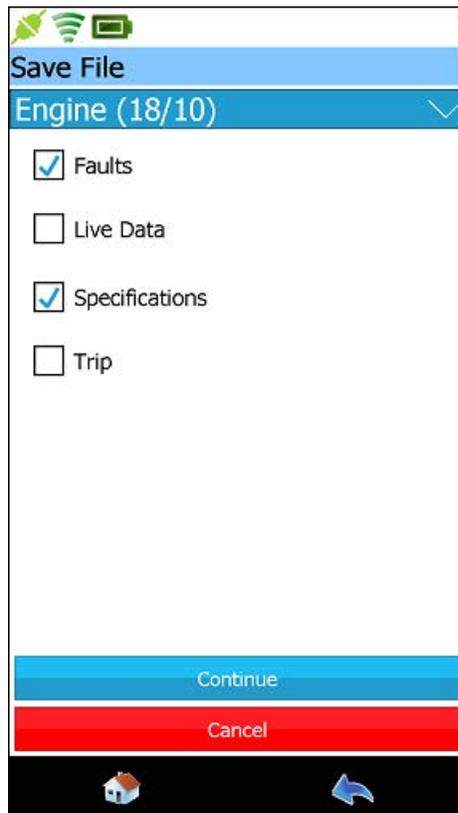


Figure 4.27 Save File Screen

- 5 Select the type of information you want to save (e.g., **Faults and Specifications**).

NOTE:

 You can also save Live Data, Parameters, and Trip information.

- 6 Touch **Continue**.

The **Save to:** screen is displayed.

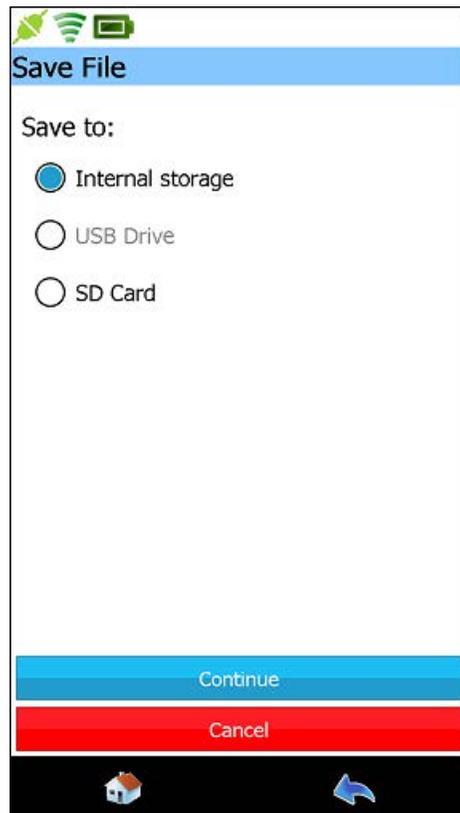


Figure 4.28 Save to: Screen

- 7 Select the device to which you want to save the file (e.g., **Internal Storage**).

NOTE:

 You can also save the file to the USB Drive or a Micro SD Card. Because the Pocket HD™ has a USB Type-C port, you may want to purchase a dual drive Type-C USB memory stick.

- 8 Touch **Continue**.

The **Save File** screen is displayed again.

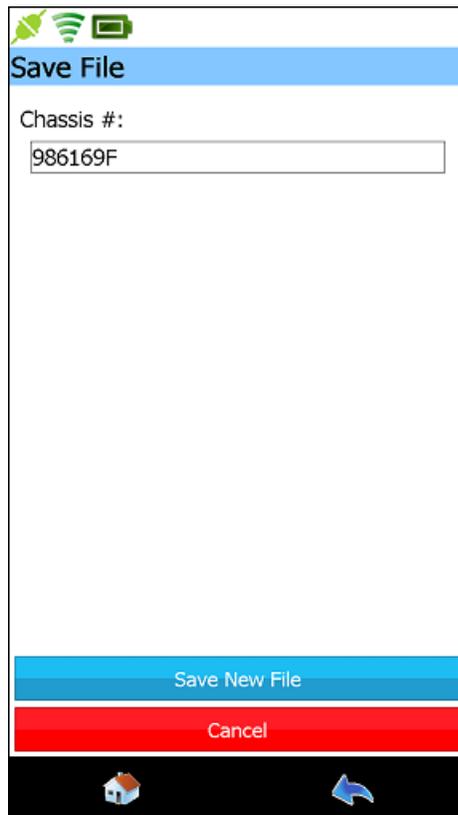


Figure 4.29 Save File Screen

The **Chassis #** field is pre-populated.

- 9 Touch **Save New File**.

NOTE:

 To give the file a different name, touch inside the Chassis # field and use the pop-up data entry keyboard to enter a file name. When you have finished entering the file name, touch the **Submit** button on the keyboard.

The **Save Successful** message is displayed.

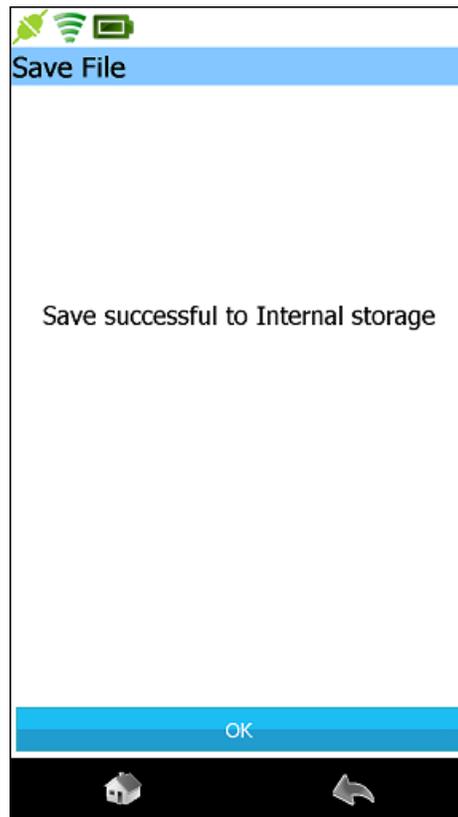


Figure 4.30 *Save Successful message*

10 Touch **OK**.

The **Faults** screen is displayed again (Figure 4.25).

NOTE:



To view the file you just saved, use the **Manage Saved Files** option on the Home screen. See *Managing Saved Files* on page 117 of this chapter.

Clearing Faults

To clear faults you use the **Clear Module Faults** button at the bottom of the display.

NOTE:



When Pocket HD™ clears faults, it clears both Active and Inactive faults. Following the clearing process, Pocket HD™ scans the vehicle again and re-displays any faults that are still active on the selected component.

To clear faults:

- 1 Navigate to the **Faults** screen.

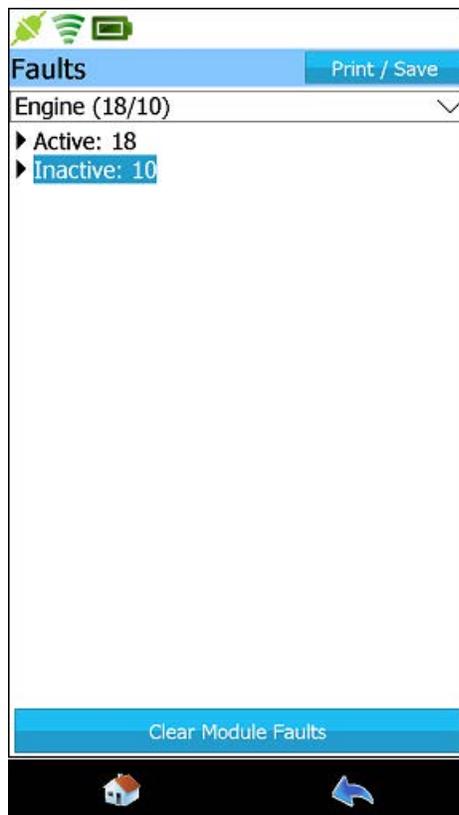


Figure 4.31 *Faults Screen*

- 2 Touch the **Clear Module Faults** button at the bottom of the display.

The following screen is displayed.



Figure 4.32 *Clearing Faults Message*

The faults are cleared, and the vehicle is scanned again.

NOTE:

 Any faults that are still active will be re-displayed.

- 3 Touch the **Home** icon at the bottom of the display to navigate to the main Diagnostics menu.

The main **Diagnostics** menu is displayed.

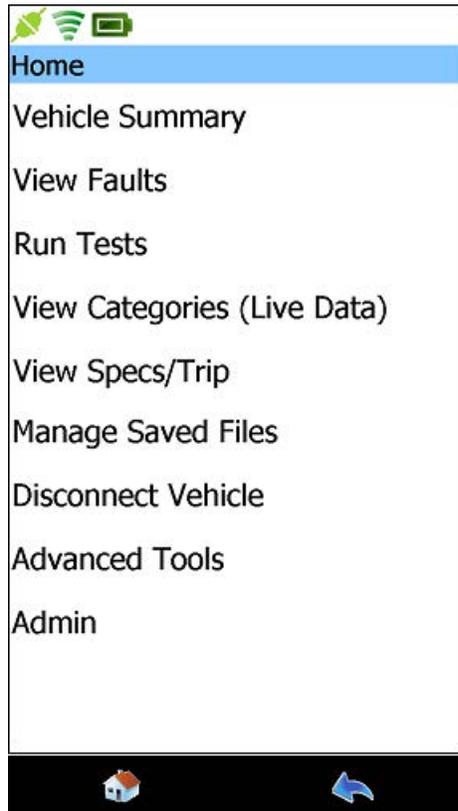


Figure 4.33 Main Diagnostics Menu (i.e., Home)

Overview: The Home Menu

The Home menu has two states:

- Connected (i.e., the main Diagnostics menu) (pg. 97)
- Disconnected (i.e., Home) (pg. 99)

NOTE:



When Pocket HD™ is connected to a vehicle, the Connection icon is **green**. When not connected, the icon is **red**.

Connected: The Diagnostics Menu

When connected to a vehicle, Home displays the main Diagnostics menu.



Figure 4.34 Home in a Connected State (i.e., the Main Diagnostics Menu)

NOTE:



When navigating to the Home menu is not an option, the Home icon is not available (i.e., greyed out).

The greater portion of this chapter will cover the following features available from the main Diagnostics menu (i.e., Home in a connected state):

- Vehicle Summary (see pg. 78, earlier in this chapter)
- View Faults (see page 79 earlier, in this chapter)
- Run Tests (see pg. 100)
- View Categories (Live Data) (see pg. 107)
- View Specs/Trip (see pg. 111)
- Manage Saved Files (see pg. 117)
- Disconnect Vehicle (see pg. 129)
- Advanced Tools (see pg. 131)
- Admin (see *Chapter 5, later in this manual*)

Disconnected: Home

In a disconnected state, the features available are limited to the following items:

- Manage Saved Files (see pg. 117)
- Connect/Scan Vehicle (see pg. 64)
- Advanced Tools (see pg. 131)
- Admin (see *Chapter 5, later in this manual*)

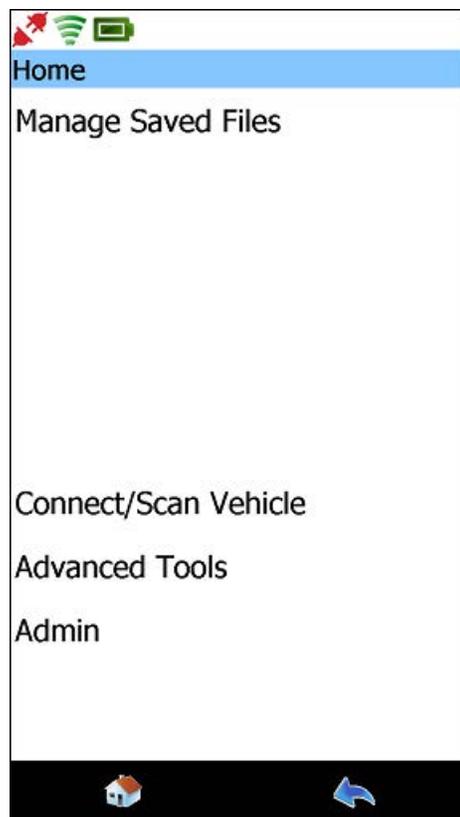


Figure 4.35 Home in a Disconnected State

Running Tests

Tests are only available with the Trailer ABS Suite, which includes the following software applications:

- Bendix® ABS Suite
- Meritor® WABCO® Suite
- Trailer ABS Suite

Other software applications (e.g., Heavy Duty Standard and LMT 2016) do not support tests. The HD/ LMT DPF Regen application is also sold separately.

NOTE:



Some tests require the vehicle to be in a particular state. If this is the case for the test you select, Pocket HD™ will provide specific prerequisites that must be met before starting the test.

To run a test:

- 1 Navigate to the main **Diagnostics** menu (i.e., Home).

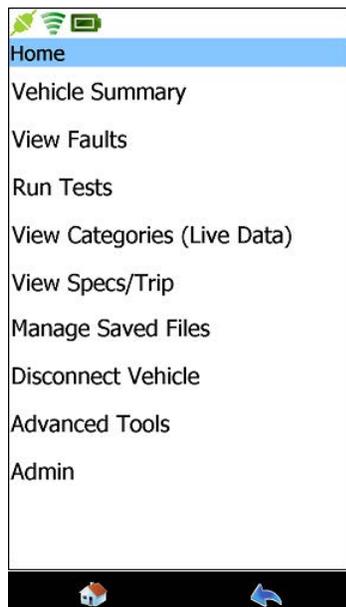


Figure 4.36 Diagnostics Menu

- 2 Touch **Run Tests**.

The following screen is displayed.

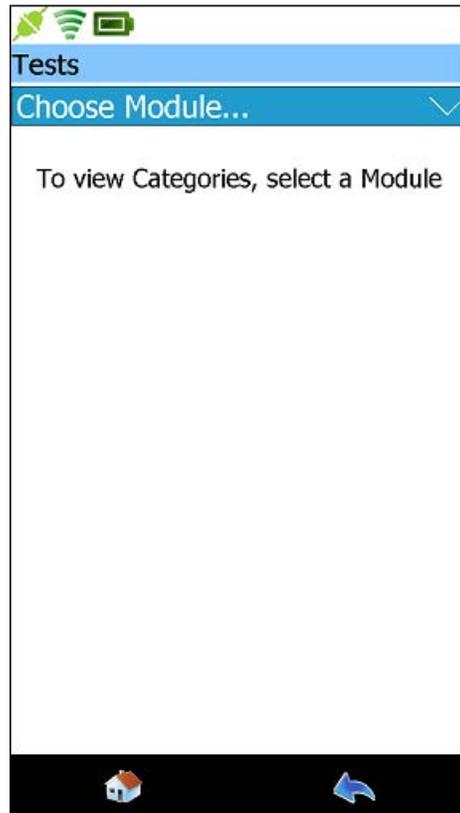


Figure 4.37 *Choose Module Screen*

- 3 Touch the arrow next to **Choose Module** to view the choices.

The list is displayed (in this case there is only one item in the list).

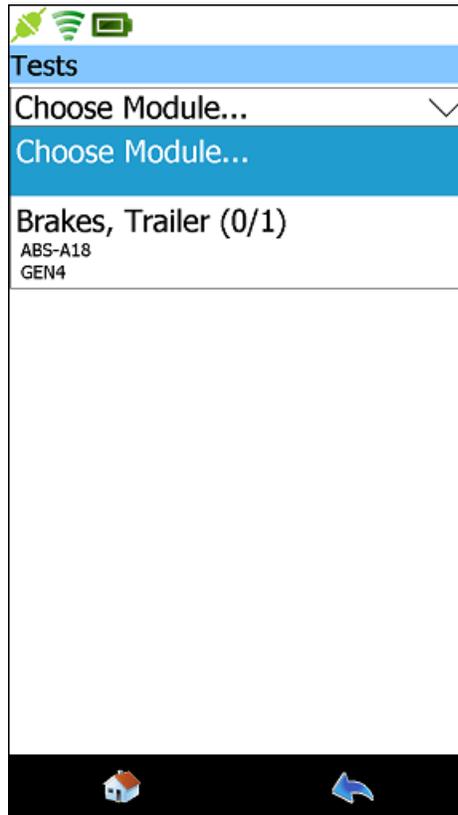


Figure 4.38 Choose Module List

- 4 Select the module you want to load (e.g., **Brakes, Trailer**).

The **Choose Category** screen is displayed.



Figure 4.39 Choose Category Screen

- 5 Select **Tests**.

A caution message is displayed.

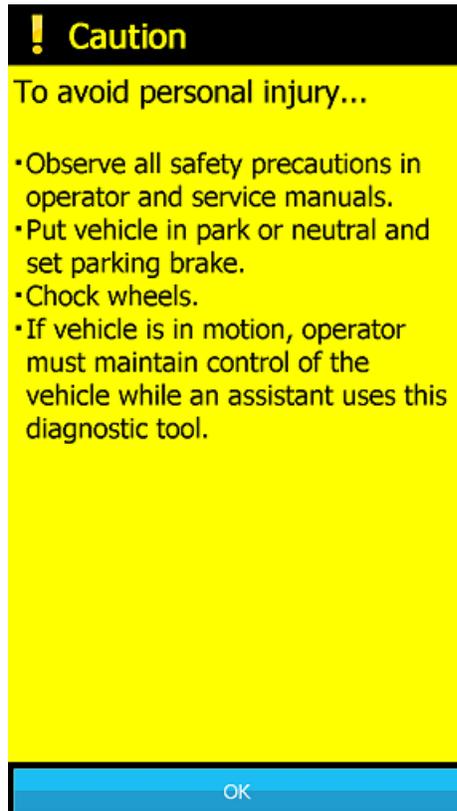


Figure 4.40 Caution Message

- 6 Read and observe the instructions on the screen.
- 7 Touch **OK**.

A list of available test categories are displayed.

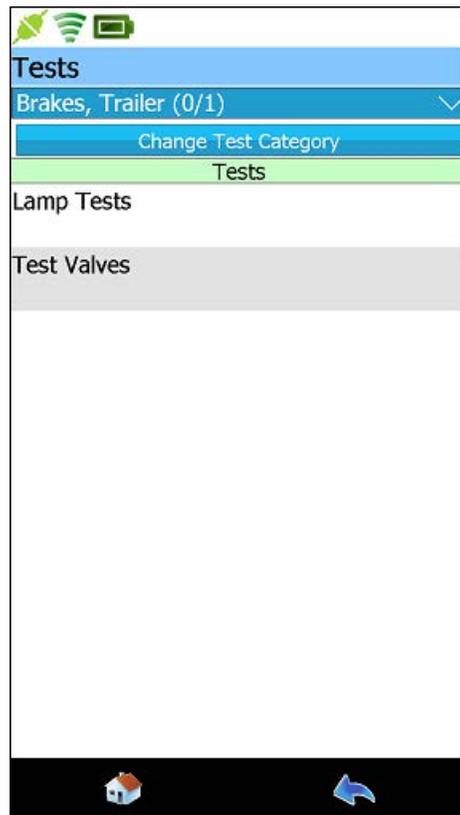


Figure 4.41 Test Categories

- 8 Select a category (e.g., **Lamp Tests**).

A list of available tests within the selected category is displayed.



Figure 4.42 List of Available Tests in Lamp Test Category

9 Touch **Run Test**.

The appropriate screen for the test you selected is displayed.

10 Follow the on-screen prompts until you reach the end of the test (or you decide to terminate the test).

11 Touch **Exit Test** when the test is complete.

12 Touch the **Back** icon at the bottom of the display to return to the list of test categories (Figure 4.41).

13 Touch the **Home** icon to navigate to the main Diagnostics menu (Figure 4.43).

Viewing Categories (Live Data)

Pocket HD™ enables you to view categories and parameters (i.e., live vehicle data) for any of the available modules.

To view live data:

- 1 Navigate to the main **Diagnostics** menu (i.e., Home).

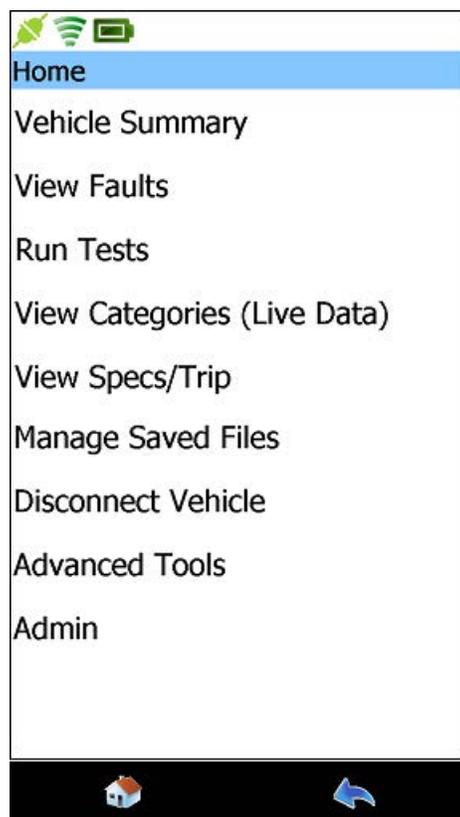


Figure 4.43 Main Diagnostics Menu

- 2 Select **View Categories (Live Data)**.

The **Live Data** screen is displayed.

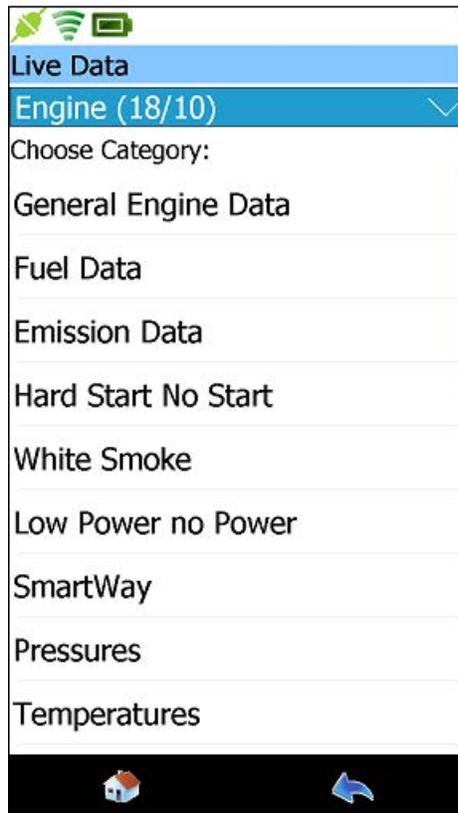


Figure 4.44 Live Data Screen

NOTE:

 You can use the scroll bar on the side of the screen to scroll down the list.

- 3 Select a session from the list (e.g., **General Engine Data**).

General Engine Data parameters are displayed.

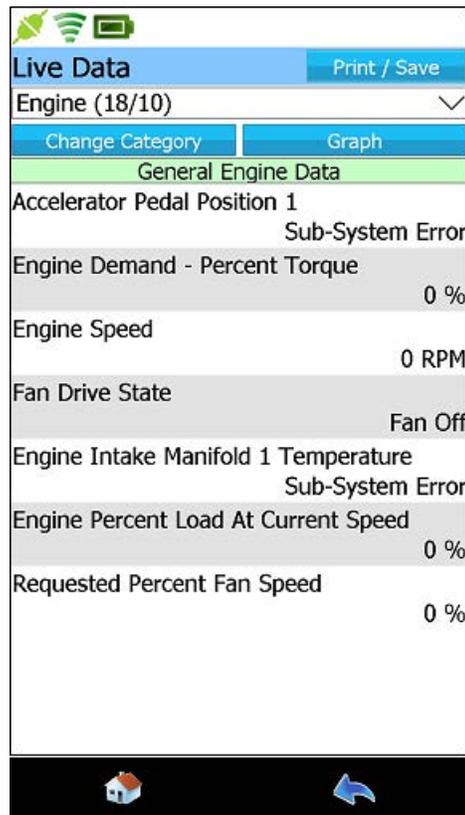


Figure 4.45 General Engine Parameters

NOTE:



You can use the **scroll bar** on the right of the display to view more data if the list is a long one.

- 4 Select an item from the data list (e.g., **Engine Demand - Percent Torque**).

The **Data Details** screen is displayed showing the value for the selected parameter.

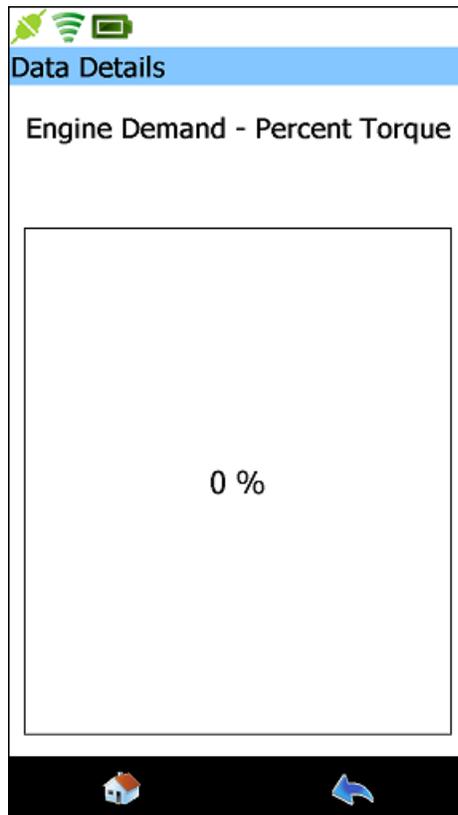


Figure 4.46 Data Details Screen

- 5 When you have finished viewing the information, press the **Back** icon at the bottom of the display to return to the list of parameters for the session you selected (i.e., General Engine Data).

NOTE:

 To view parameters for a different data list, select **Change Category** (see Figure 4.45).

- 6 Touch the **Back** icon again to return to the main Diagnostics menu (i.e., Home) (Figure 4.43).

Viewing Vehicle Specifications and Trip Data

Pocket HD™ enables you to view the following information:

- Vehicle Specs (pg. 111)
- Trip Data (pg. 115)

Vehicle Specs

You use the View Specs/Trip feature to view information for any of the vehicle components to which Pocket HD™ is connected.

NOTE:



Specs may not be available for all vehicle components.

To view vehicle specifications:

- 1 Navigate to the main **Diagnostics** menu (i.e., Home).



Figure 4.47 Main Diagnostics Menu

- 2 Select **View Specs/Trip**.

The **Specs/Trip** screen is displayed.

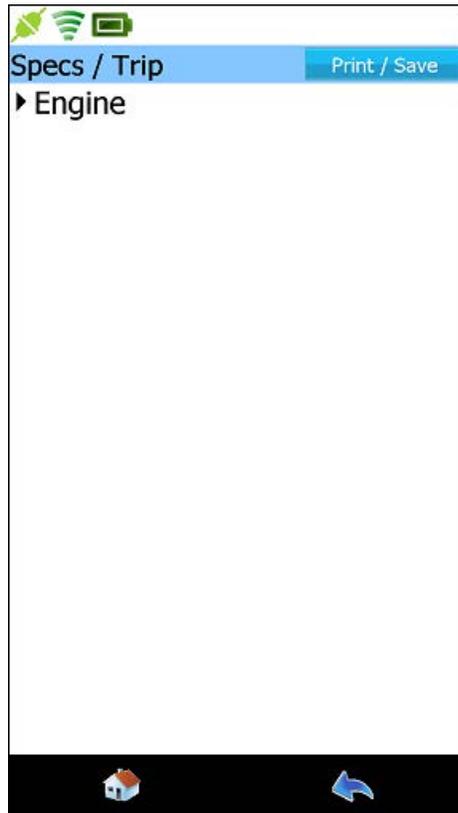


Figure 4.48 Specs/Trip Screen

- 3 Select the component for the data you would like to view (e.g., **Engine**).



Figure 4.49 Specs/Trip Screen Engine Expanded

- 4 Select **Specifications**.

The screen is displayed again with the relevant data.

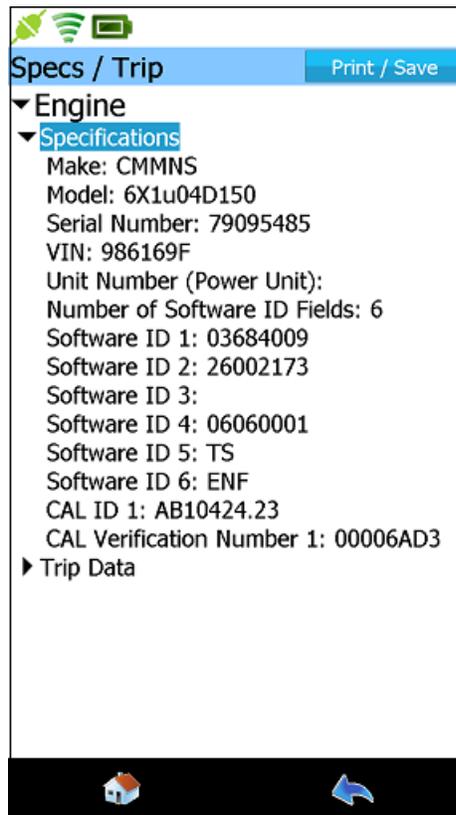


Figure 4.50 Specs/Trip Screen: Engine Specifications

NOTE:

 You can use the **Print/Save** button to print the information or save it to a file that you can view at a later time. See *Viewing Saved Files* on page 117 of this chapter.

- 5 When you have finished viewing the data, press the **Back** icon at the bottom of the display to return to the main Diagnostics menu (i.e., Home) (Figure 4.47).

Trip Data

You use the View Specs/Trip feature to view trip information.

NOTE:



Trip information may not be available for all components.

To view trip information:

- 1 From the Specs/Trip screen (Figure 4.50), select **Trip Data**.

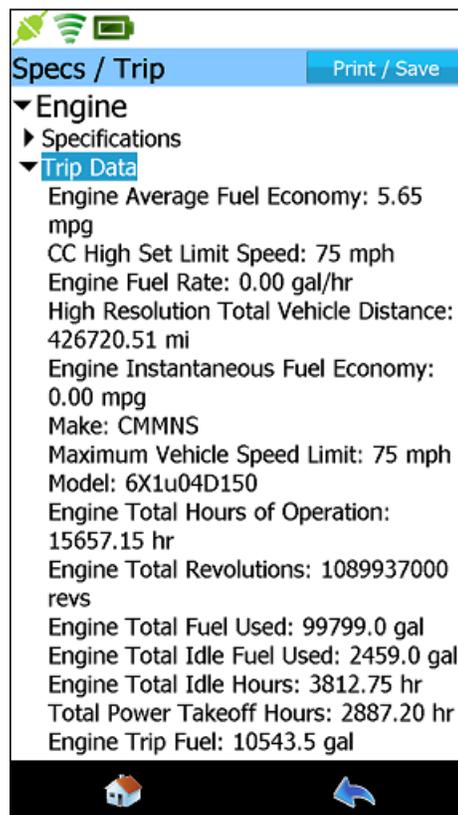


Figure 4.51 Specs/Trip Screen: Trip Data

- 2 When you have finished viewing the information, touch the **Back** icon at the bottom of the display to return to the main Diagnostics menu (i.e., Home) (Figure 4.47).

The main **Diagnostics menu** (i.e., Home) is displayed.



Figure 4.52 Main Diagnostics Menu

Managing Saved Files

You use the Manage Saved Files feature to perform the following activities for any files you have saved to Pocket HD™:

- View (pg. 117)
- Copy (pg. 121)
- Print (pg. 124)
- Delete (pg. 124)

Viewing Saved Files

You access your saved files from the Home menu (in both states, connected and disconnected).

To view a saved file:

- 1 Select **Manage Saved Files** from the main Diagnostics menu (Figure 4.52).

The **Saved Files** screen is displayed.



Figure 4.53 *Saved Files Screen*

- 2 Touch the **View** icon (i.e., the magnifying glass) next to the file you wish to preview.

You can save files on Pocket HD™ for multiple vehicles. Use the **Chassis #** drop-down menu to view a list of vehicles for which you have saved files. Once you select a vehicle from the list, the saved files associated with the selected vehicle are listed.

The first page of the selected file is displayed.



Figure 4.54 File Preview

- 3 Use the **plus (+)** and **minus (-)** signs at the side of the display to increase or decrease the size of the information displayed.

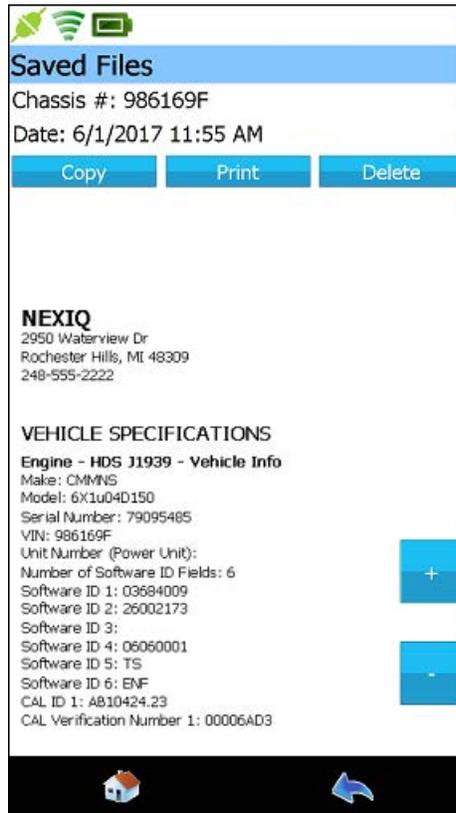


Figure 4.55 File Preview Scrolled to Reveal More Info

- 4 When you have finished viewing the information, you can do any of the following:
 - Copy** the file to internal storage and transfer to a USB memory stick or a card at a later time.
 - Print** the file to a printer to which you are connected.
 - Delete** the file.
 - Touch** the **Back** icon at the bottom of the display to return to the Saved Files screen (Figure 4.53).

Copying a File

You can copy a saved file (or multiple files) to a USB memory stick from the primary Saved Files screen. Files saved to the Pocket HD™ are saved in portable document format (PDF files).

NOTE:

 Because the Pocket HD™ has a USB Type-C port, you may want to purchase a dual drive, Type-C USB memory stick. You can also copy saved files to a Micro SD Card.



Figure 4.56 Saved Files Screen

To copy a file to the USB drive:

- 1 Select the file (or files) you wish to copy by placing a check mark in the box to the left of the file date.

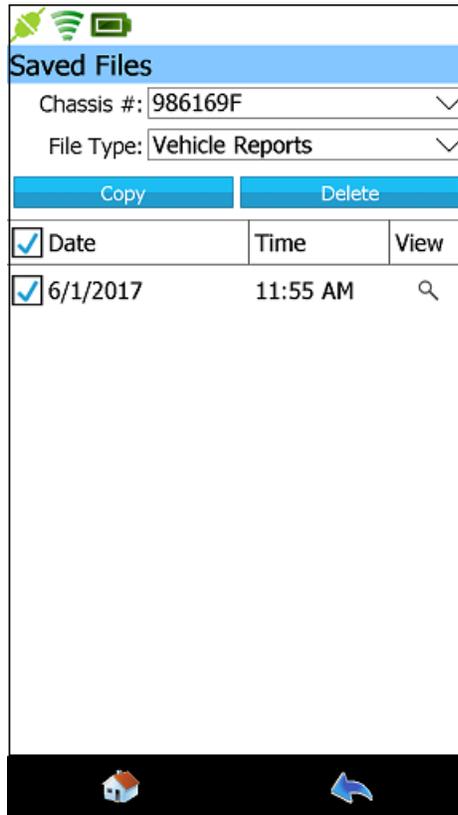


Figure 4.57 File Selected

- 2 Touch **Copy** at the top of the display.

The following query is displayed.

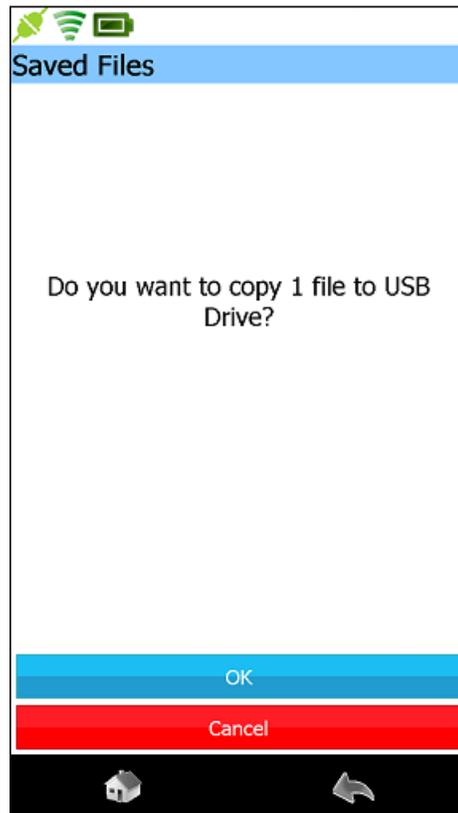


Figure 4.58 *Do You Want to Copy Query*

- 3** Touch **OK** to confirm.
A Copy Successful message is displayed.
- 4** Touch **OK**.
You are returned to the primary **Saved Files** screen (Figure 4.56).

Printing a File

You can print a saved file providing you are connected to a printer. You can connect to a printer on your network, or you can connect directly to a printer using a USB adapter cable. You access the Print feature by viewing the file you want to print.

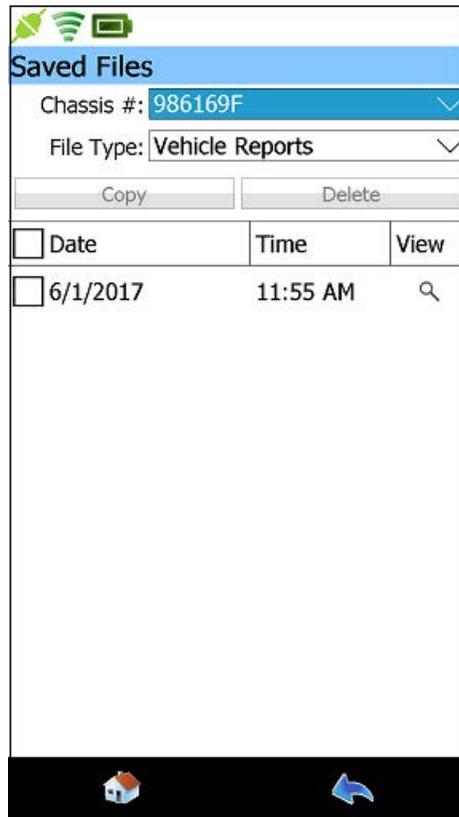


Figure 4.59 Saved Files Screen

To print a saved file:

- 1 Touch the **View** icon (i.e., the magnifying glass) next to the file you wish to view.

The preview of the selected file is displayed.



Figure 4.60 File Preview

- 2 Touch **Print** at the top of the display.

NOTE:

 Prior to printing, you must first install a printer through the Admin menu. See "Managing Printers" in Chapter 5 of this manual.

The **Select Printer** screen is displayed.

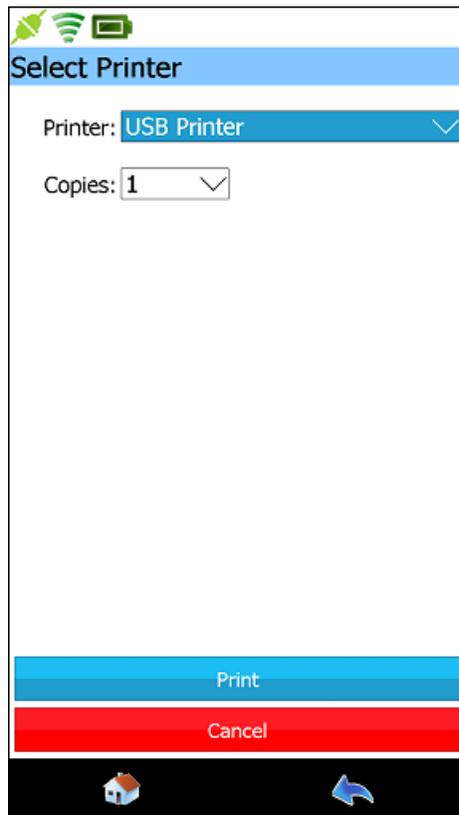


Figure 4.61 *Select Printer Screen*

- 3** Use the **Printer** drop-down menu to select the appropriate printer.
- 4** If you wish to print more than one copy, use the **Copies** drop-down to select up to five copies.
- 5** Touch **Print**.
You are returned to the file preview (Figure 4.60).
- 6** Use the **Back** icon at the bottom of the display, to return to the primary **Saved Files** screen (Figure 4.59).

Deleting a File

You can delete a saved file from the primary Saved Files screen.

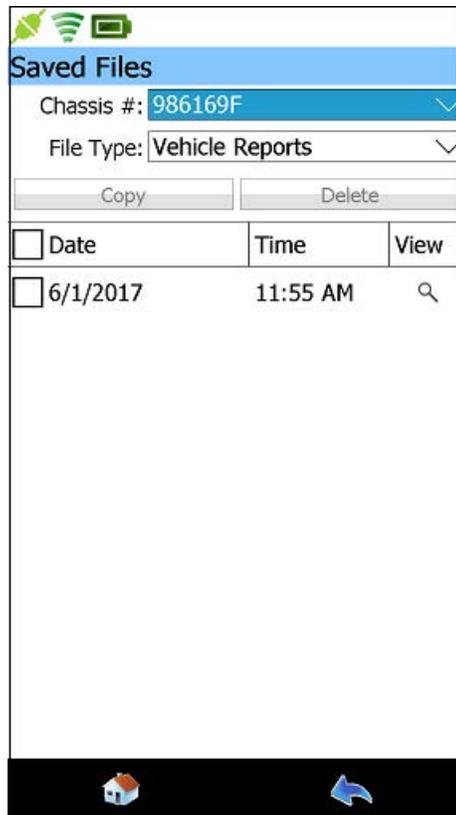


Figure 4.62 *Saved Files Screen*

To delete a saved file:

- 1 Select the file (or files) you wish to delete by placing a check mark in the box to the left of the file date.
- 2 Touch **Delete** at the top of the display.

The following query is displayed.

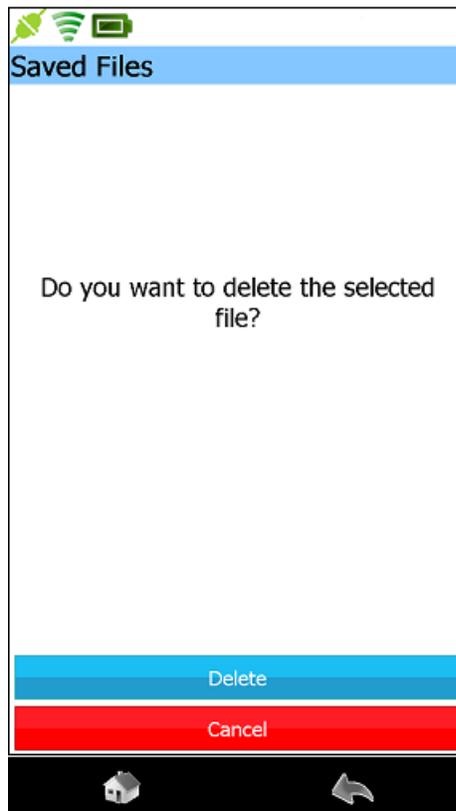


Figure 4.63 Delete Confirmation Message

- 3 Touch **Delete** to confirm.

Pocket HD™ displays a **File Deleted** message.

- 4 Touch **OK**.

You are returned to the primary **Saved Files** screen (Figure 4.62).

Disconnecting from the Vehicle

You access the Disconnect Vehicle feature from the Home menu (i.e., the main Diagnostics menu).

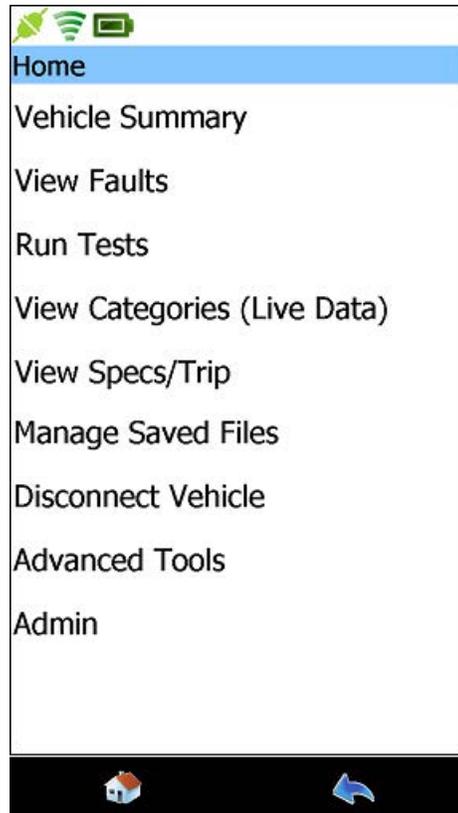


Figure 4.64 Home Menu in a Connected State

To disconnect from the vehicle:

- 1 Touch **Disconnect Vehicle**.

The **Home** menu (in a disconnected state) is displayed.

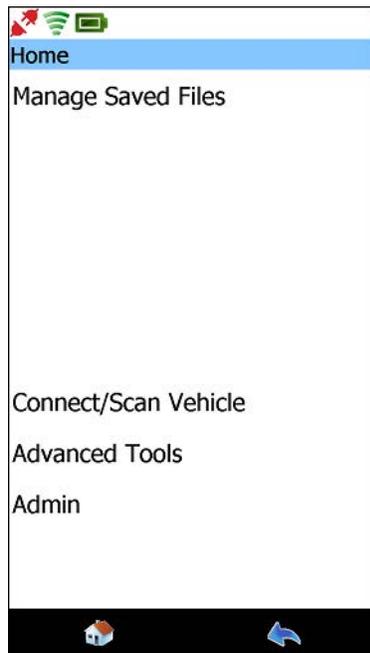


Figure 4.65 Home in a Disconnected State

From this menu you can:

- Manage Saved Files (see pg. 117 earlier in this manual)
- Connect and scan a different vehicle (see pg. 64 earlier in this manual)
- Navigate to the Advanced Tools menu see pg. 131, next in this manual)
- Navigate to the Admin menu (see Chapter 5 of this manual)
- Power down the Pocket HD™

NOTE:



To power down the Pocket HD™, press and hold the Power button on the tool.

Advanced Tools

IMPORTANT:



The features available from the Advanced Tools menu are *reserved* for Customer Support troubleshooting purposes. For more information, please contact Customer Support at (800) 639-6774.

You access the Advanced Tools menu from the main Diagnostics menu (i.e., Home).

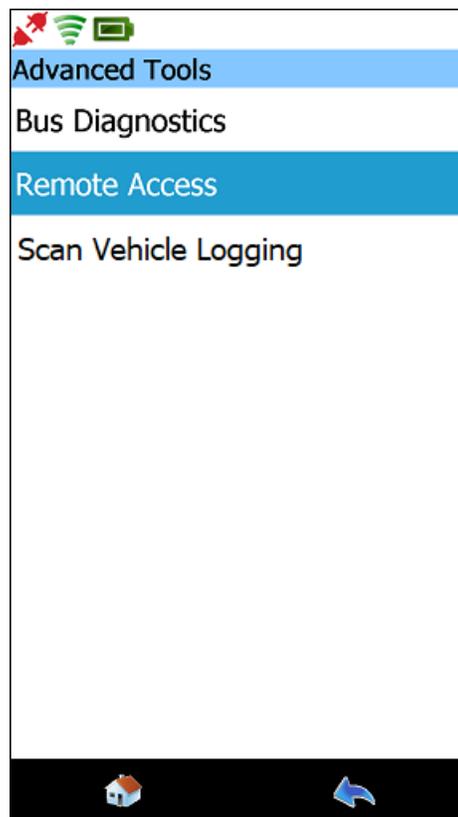


Figure 4.66 *Advanced Tools Menu*

Chapter 5

Using the Admin Menu



- ▼ *Introduction to the Admin Menu, page 134*
- ▼ *Updating Pocket HD™, page 137*
- ▼ *Managing Software Applications, page 143*
 - ▼ *Installing Applications, page 143*
 - ▼ *Activating Applications, page 147*
 - ▼ *Uninstalling Applications, page 150*
- ▼ *Setting the Date and Time, page 154*
- ▼ *Managing Connections, page 159*
 - ▼ *Managing Networks, page 161*
 - ▼ *Managing Printers, page 175*
- ▼ *Configuring Pocket HD™, page 183*
- ▼ *Obtaining Information about the Pocket HD™, page 195*

This chapter provides detailed instructions for using the Pocket HD™ **Admin** menu.

NOTE:



Screen shots used throughout this guide are for illustrative purposes only. All data shown is fictitious in nature.

Introduction to the Admin Menu

NOTE:

 The procedures in this chapter assume that Pocket HD™ is *not* connected to a vehicle and that a system administrator is performing the procedures in a non-shop setting. It is also assumed that you have an available Internet connection, have previously registered Pocket HD™, and have activated your software applications. For more information on registering Pocket HD™, see **Chapter 2: Registration and Software Activation**, earlier in this manual.

When you power up Pocket HD™, a splash screen is displayed.

After a few moments, the **Home** screen is displayed.

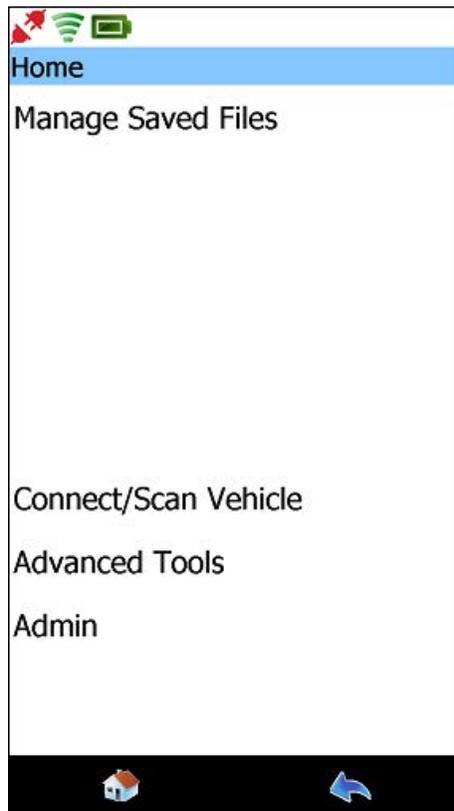


Figure 5.1 Home Menu (Disconnected State)

NOTE:

 For detailed information on Home menu and its features, refer to “**Overview: The Home Menu**” in Chapter 3 of this manual.

To display the Admin menu:

- 1 Select **Admin**.

The **Admin** menu is displayed.

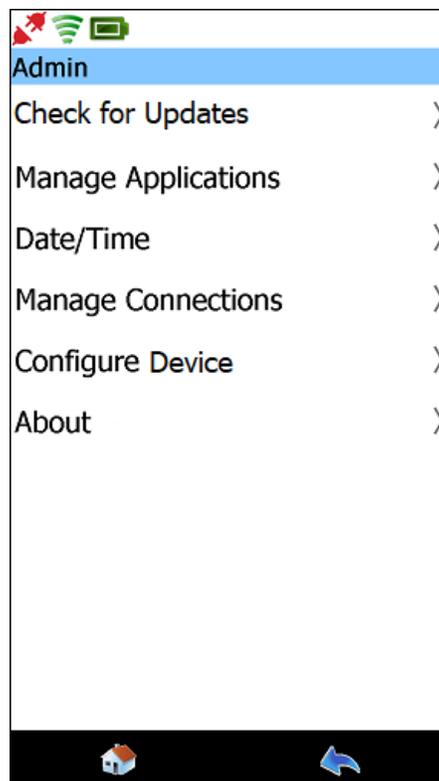


Figure 5.2 Admin Menu

The following table details the features available from the Admin menu.

Menu Choice	Description
Check for Updates	Enables you to update Pocket HD™ with available system and software updates. An Internet connection is required.
Manage Applications	Enables you to manage the software applications installed on the Pocket HD™. The following features are available: <ul style="list-style-type: none"> • Install Applications • Activate Applications • Uninstall Applications
Date/Time	Enables you to change date and/or time on your device. You can also select your time zone.
Manage Connections	Enables you to manage and set up network connections and printers.
Configure Device	Provides access to the Configuration Menu from which you can do the following: <ul style="list-style-type: none"> • Register Pocket HD™ • Update owner information • Calibrate the Pocket HD™ touchscreen • Select a language preference • Change display units (English or Metric)
About	Displays detailed information on Pocket HD™, including the following: <ul style="list-style-type: none"> • Device serial number. • System Bundle version. • Operating System version. • List of applications loaded on your device, including version numbers.

Updating Pocket HD™

To update Pocket HD™ software (i.e., the system bundle and software applications) do one of the following:

- Select Check for Updates from the Admin menu (Figure 5.3)
- Touch the Updates Available icon ⚠ (when displayed)

An Internet connection is required.

To download and install available updates:

- 1 Navigate to the **Admin** menu.

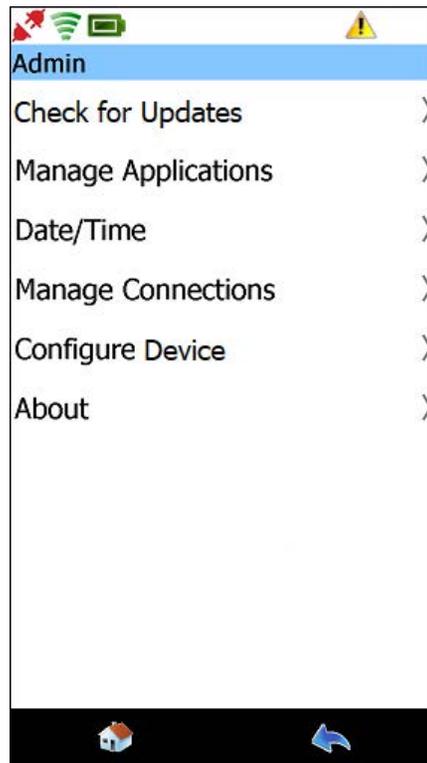


Figure 5.3 Admin Menu

- 2 Select **Check for Updates** from the Admin menu.

The **Install Updates** screen is displayed, listing updates available for downloading and installation.

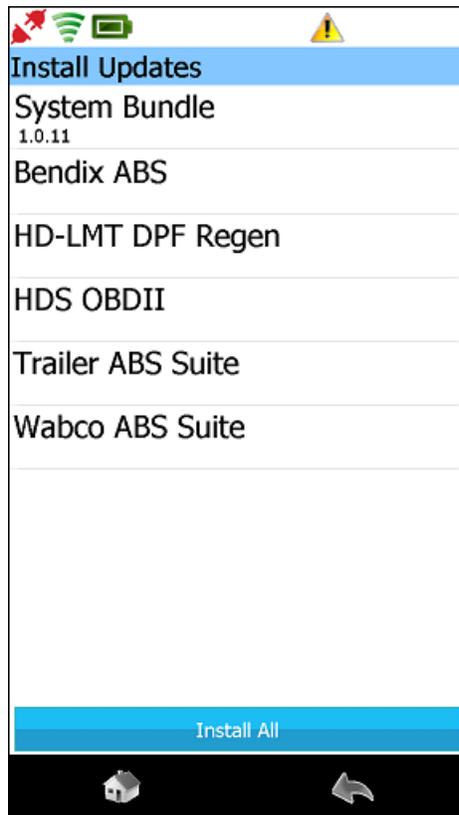


Figure 5.4 *Install Updates Screen*

- 3 Touch **Install All**.

A message is displayed indicating that the first update in the list is downloading.



Figure 5.5 *Downloading in Progress*

NOTE:



Do not power off Pocket HD™ during the downloading and installation process.

A green check mark is displayed next to each software update once it is both downloaded and installed.

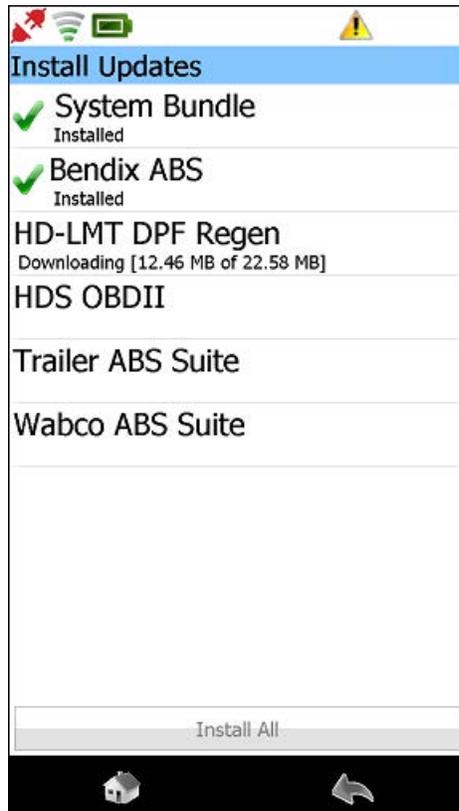


Figure 5.6

- 4 Wait for the download process to complete.

If the update requires a restart, the following screen is displayed.



Figure 5.7 Restart Screen

5 Touch **OK**.

Pocket HD™ will restart and display the Home menu (Figure 5.1).

6 Select **Admin**.

The **Admin** menu is displayed.

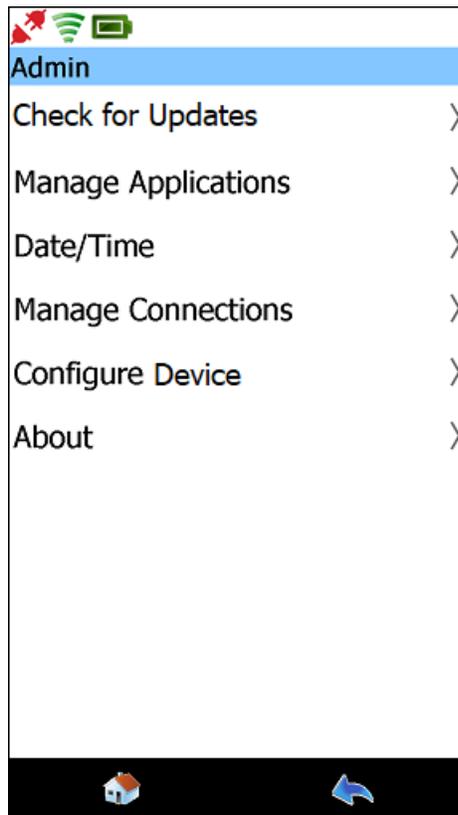


Figure 5.8 Admin Menu

Managing Software Applications

You use the Manage Applications feature to do the following:

- Install Applications (pg. 143)
- Activate Applications (pg. 147)
- Uninstall Applications (pg. 150)

Installing Applications

To install applications:

- 1 Select **Manage Applications** on the Admin menu (Figure 5.8).

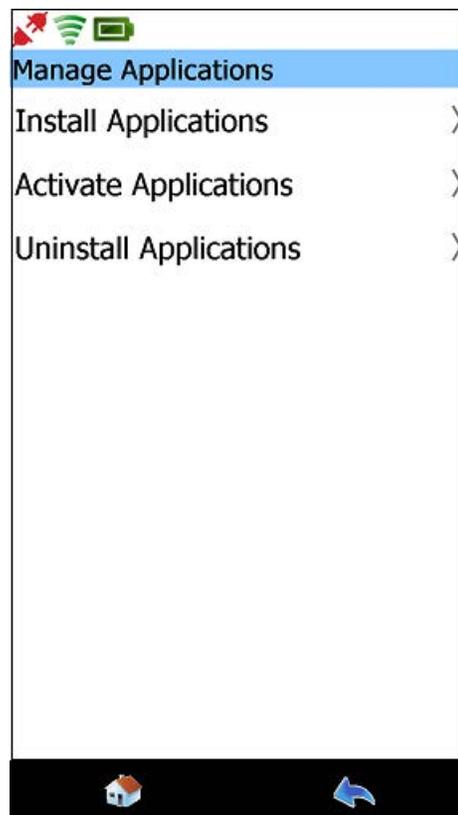


Figure 5.9 *Manage Applications Screen*

- 2 Touch **Install Applications**.

The **Install Applications** screen is displayed.

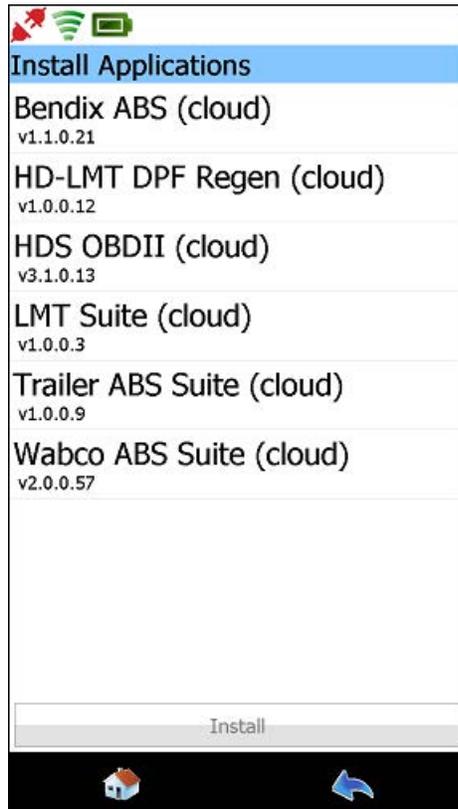


Figure 5.10 *Install Applications Screen*

NOTE:



The indication “cloud” following the name of the application indicates that the application is available online.

- 3** Select the application you wish to install (e.g., **Bendix ABS**).
- 4** Touch the **Install** button.

The selected application is downloaded and installed.

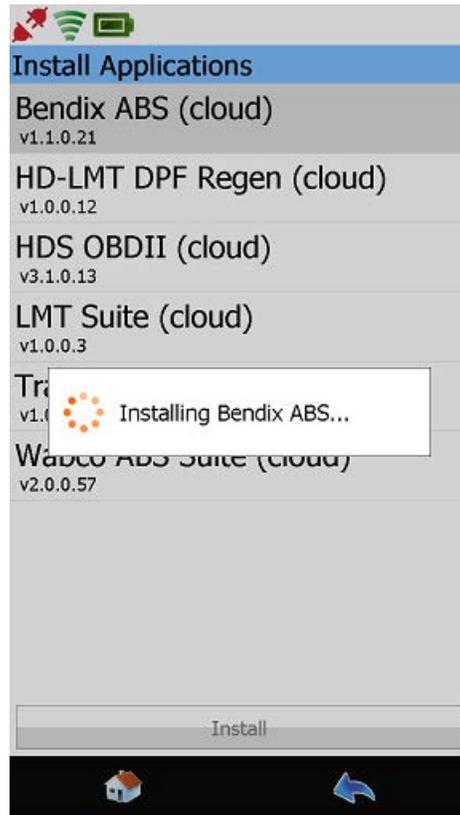


Figure 5.11 *Installation in Progress*

- 5 Wait for the installation to complete.

An installation successful message is displayed.

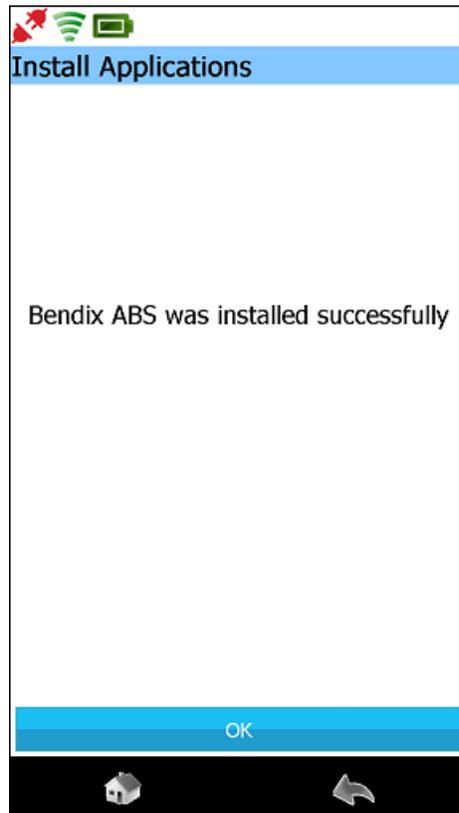


Figure 5.12 Installation Successful

6 Touch **OK**.

You are returned to the **Install Applications** screen (Figure 5.10).

7 Do one of the following:

—Select another application from the list to install.

or

—Touch the **Back** icon at the bottom of the display to return to the Manage Applications screen (Figure 5.9).

Activating Applications

In most cases, you activate (i.e., register) your software applications when you register Pocket HD™ as a first time user. An Internet connection is required.

NOTE:



For detailed instructions on activating your software applications as a first time user, see **Activating Your Software Applications**, in Chapter 2 of this manual.

To activate a new application:

- 1 Select **Activate Applications** from the Manage Applications screen (Figure 5.9).

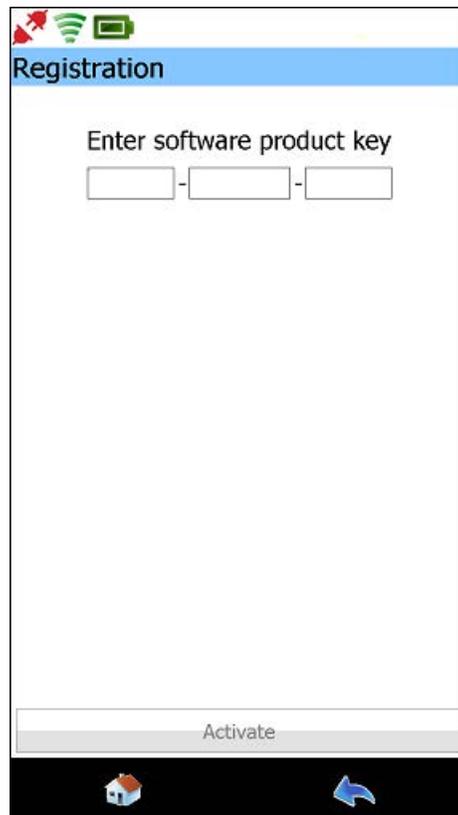


Figure 5.13 Registration Screen

- 2 Touch within the first data entry field.

The keyboard is displayed.

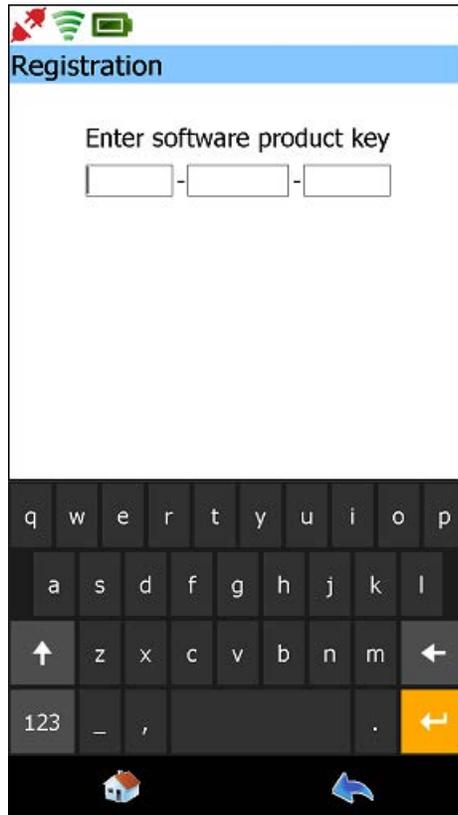


Figure 5.14 Keyboard

NOTE:

 The Software Product Key is located on a sticker inside the software application product key enclosure shipped with your device.

- 3 Use the keyboard to enter the **Software Product Key**.

The Product Key is not case sensitive. You can enter it in all lower-case letters.

- 4 Touch the **Submit** button (i.e., the orange back arrow on the keyboard) to activate.

Pocket HD™ verifies the Software Product Key, automatically downloads the required activation codes, and displays the following message:

The application software has been registered. Would you like to enter more product keys?

NOTE:



Once the activation process is complete, you may see the Updates Available icon  at the top of the screen indicating that software updates are available for your new application.

Click on the icon to navigate to the Install Updates screen where you can download the updates. Or, you can wait and perform this task after you have activated your other software applications.

5 Do one of the following:

- Touch **Yes** to continue registering more applications.
- Touch **No** to return to the Admin menu (Figure 5.8).

Uninstalling Applications

To uninstall software applications:

- 1 Select **Manage Applications** from the Admin menu (Figure 5.8).

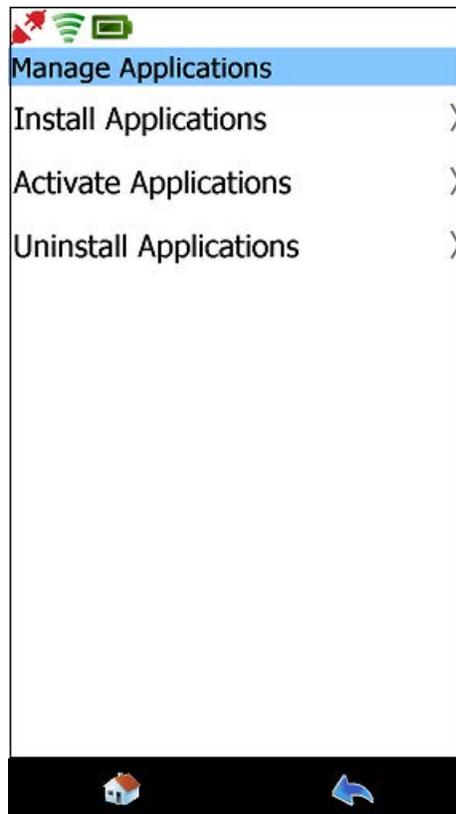


Figure 5.15 Manage Applications Screen

- 2 Touch **Uninstall Applications**.

The **Uninstall Applications** screen is displayed.



Figure 5.16 *Uninstall Applications Screen*

- 3 Select the application you want to uninstall (e.g. **HDS OBDII**).

NOTE:

 You can only select one application at a time.

- 4 Touch the **Uninstall** button.

The following message is displayed.



Figure 5.17 Uninstall Process in Progress

An **Uninstall Succeeded** message is displayed.

- 5 Touch **OK**.

The **Uninstall Applications** screen is displayed again.



Figure 5.18 *Uninstall Applications Screen*

- 6 Do one of the following:
 - Select another application to uninstall.
 - Touch the **Back** icon at the bottom of the display to return to the Manage Applications screen (Figure 5.15).
 - Touch the **Back** icon at the bottom of the display twice to return to the Admin menu (Figure 5.8).

Setting the Date and Time

From time to time (e.g., if the battery is completely discharged), you may need to correct the date and/or time for the device.

To set the date and/or time:

- 1 Start from the **Admin** menu.

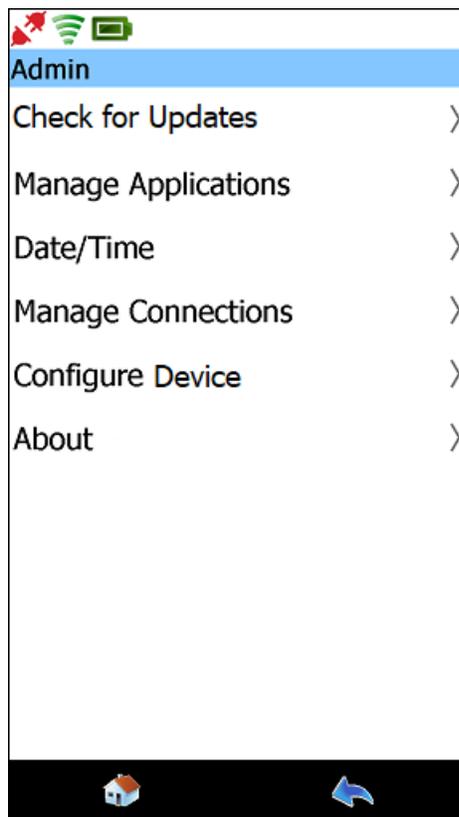


Figure 5.19 Admin Menu

- 2 Select **Date/Time**.

The **Date/Time** screen is displayed, showing the current device date and time:



Figure 5.20 *Date/Time Screen*

From this screen you can perform the following tasks:

- Modify the **Date** settings (*pg. 156*)
- Select the appropriate Time Zone (*pg. 157*)
- Modify the **Time** settings (*pg. 158*)

Setting the Date

To set the device date:

- 1 Touch the **Date** entry on the Date/Time screen.



Figure 5.21 Date Screen

- 2 Using the drop-down arrow at the right of each field, change the year, month, and/or day as needed.
- 3 Touch **Save Date** to return to the Date/Time screen (Figure 5.20).

Selecting a Time Zone

To select a time zone:

- 1 Touch the **Time Zone** entry on the Date/Time screen (Figure 5.20).



Figure 5.22 Time Zone Screen

- 2 Pick the appropriate time zone for your location.
- 3 If you want to adjust the for daylight saving time, place a check mark in the **Automatically adjust clock for daylight time** check box, otherwise leave it blank.
- 4 Touch **Save**.

Setting the Time

To set the device time:

- 1 Touch the **Time** entry on the Date/Time screen (Figure 5.20).



Figure 5.23 Time Screen

- 2 Using the drop-down arrow at the right of each screen, change the hour and/or minutes as needed.
- 3 Select AM or PM.
- 4 Touch **Save Time** to return to the Date/Time screen (Figure 5.20).
- 5 Touch the **Back** icon at the bottom of the display twice to return to the Admin menu (Figure 5.19).

Managing Connections

The Manage Connections feature on the **Admin** menu enables you to set up and maintain a variety of networks and printers used with your device.

To manage connections:

- 1 Start from the **Admin** menu.

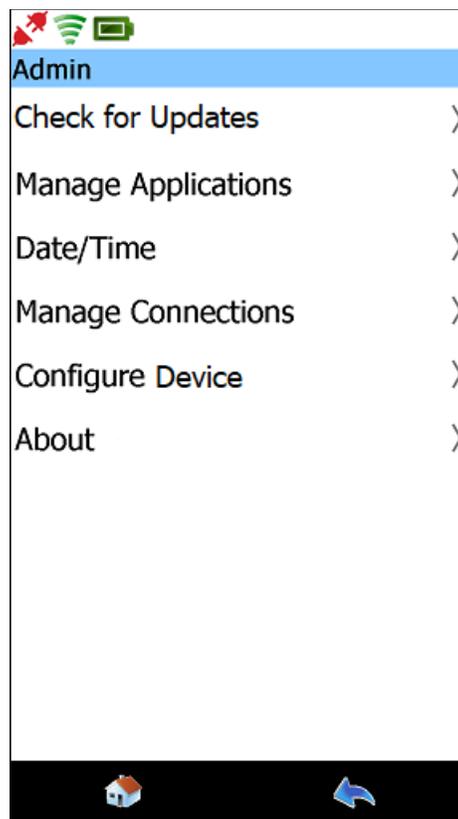


Figure 5.24 Admin Menu

- 2 Select **Manage Connections**.

The **Connections** screen is displayed.

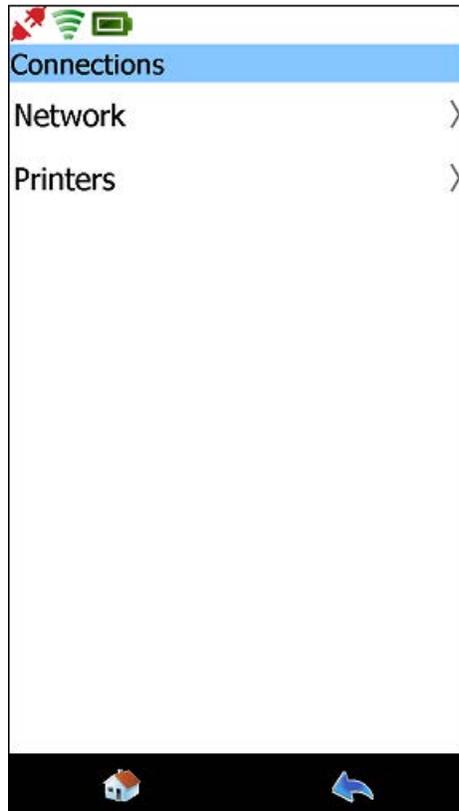


Figure 5.25 *Connections Screen*

From this menu you can perform the following tasks:

- Manage **Networks** (see pg. 161)
- Manage **Printers** (see pg. 175)

Managing Networks

To manage your network connections:

- 1 Select **Network** on the Connections screen (Figure 5.25).

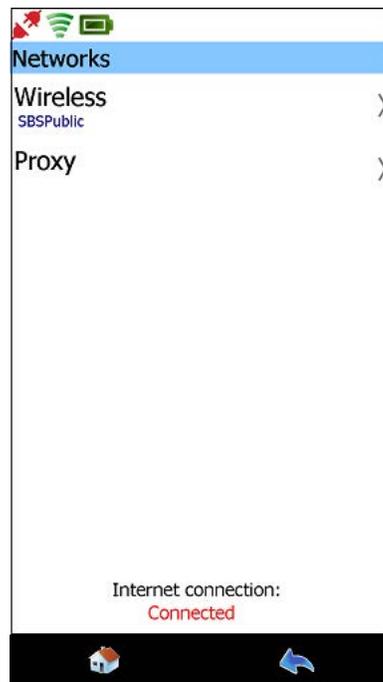


Figure 5.26 Networks Screen

There are two choices:

- **Wireless**

Prior to connecting to your local network, you will need to decide how you are going to set up the IP address for Pocket HD™. There are two choices:

- Dynamic IP Address—Pocket HD™ automatically selects an IP address (pg. 162)
- Static IP Address—you assign an IP address that does not change (pg. 164)

- **Proxy**

Depending on how your local network is set up, you may need to make changes to proxy settings (see pg. 172).

Connecting to Your Network with a Dynamic IP Address

NOTE:



Depending on how your local network is set up, *you may* need to make proxy settings (e.g., Domain, Username, and Password). See ***Managing Proxy Settings for Your Network*** on page 172, later in this manual.

The Pocket HD™ default for IP Settings is “Automatically” (i.e., let Pocket HD™ automatically assign a dynamic IP address).

To connect to your network with a dynamic IP address:

- 1 Select **Wireless** from the Networks screen (Figure 5.26).

The **Wireless** screen is displayed.

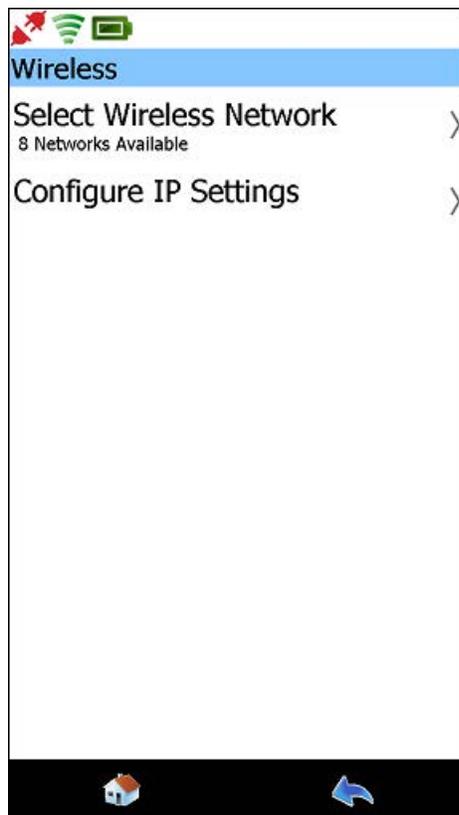


Figure 5.27 Wireless Screen

- 2 Select **Configure IP Settings**.

The **IP Settings** screen is displayed.

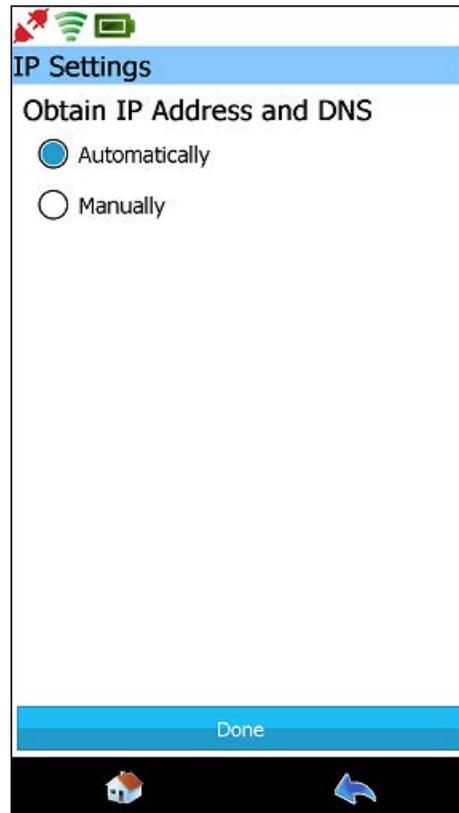


Figure 5.28 *IP Settings Screen*

The default is Automatically.

- 3 Touch **Next** to accept the default.

The **Connection Details** screen is displayed.

- 4 Touch **Exit**.

You are returned to the **Networks** screen.

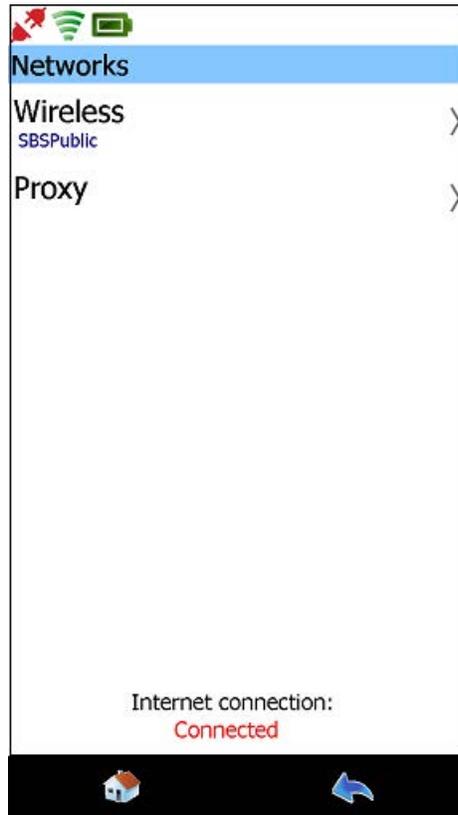


Figure 5.29 Networks Screen

Connecting to Your Network with a Static IP Address

If you wish to configure Pocket HD™ with a static IP address, please contact the designated IT person or network administrator for your location for assistance with this task. He or she will have the information you'll need to make the necessary network settings.

NOTE:



Depending on how your local network is set up, *you may* need to make proxy settings (e.g., Domain, Username, and Password) prior to connecting to your network with a static IP address. See *Managing Proxy Settings for Your Network* on page 172, later in this manual.

To connect to your network with a static IP address:

- 1 Select **Wireless** from the Networks screen (Figure 5.26).

The **Wireless** screen is displayed.

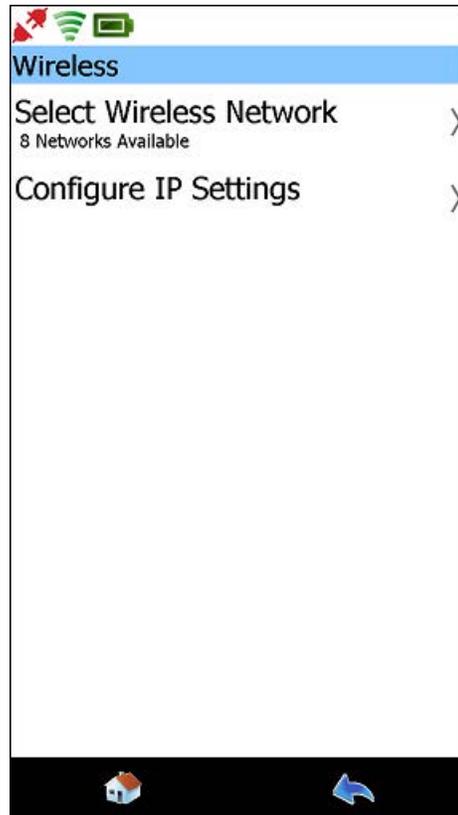


Figure 5.30 *Wireless Screen*

- 2 Select **Configure IP Settings**.

The **IP Settings** screen is displayed.

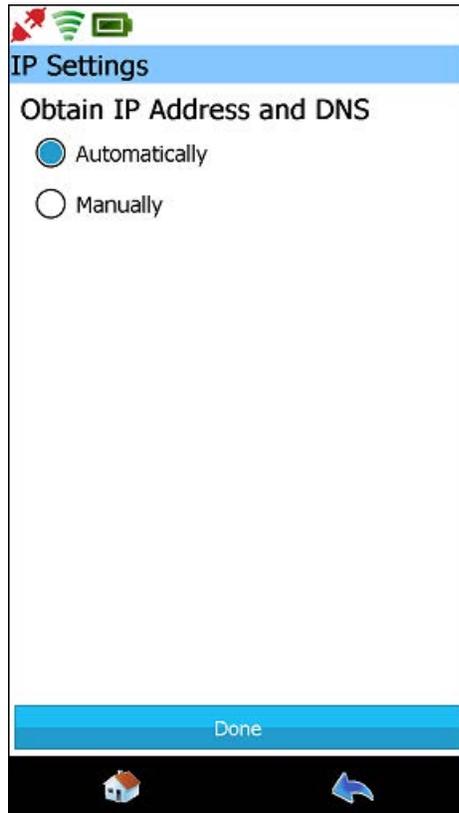


Figure 5.31 IP Settings Screen

- 3 Select **Manually**.

The **IP Settings** screen is displayed again.

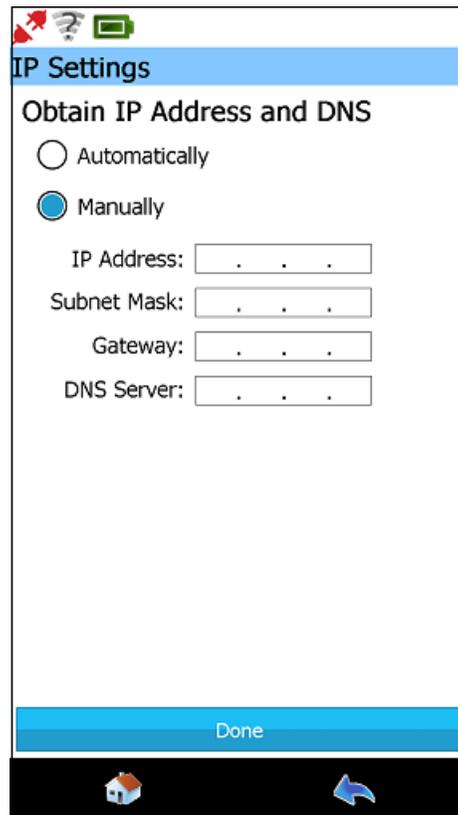


Figure 5.32 *IP Settings with Detail*

- 4** Touch within the first field (i.e., IP Address).
- 5** Enter the **IP Address** using the keyboard.
- 6** Enter the **Subnet Mask**.
- 7** Enter the **Gateway** (if necessary).
- 8** Enter the **DNS Server** (if necessary).
- 9** Touch **Done**.

The **Networks** screen is displayed again (Figure 5.29).

- 10** Select **Wireless**.

The **Wireless** screen is displayed.

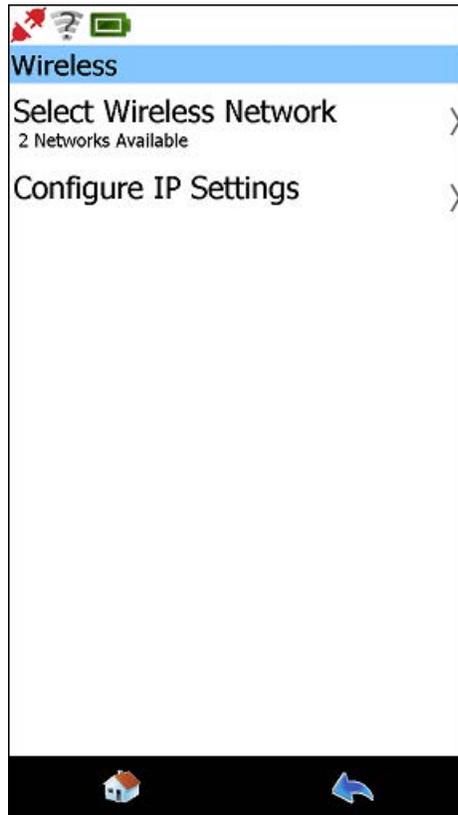


Figure 5.33 Wireless Screen

- 11 Choose **Select Wireless Network**.

The **Wireless** screen is displayed with available networks listed.



Figure 5.34 Wireless Screen with Available Networks

- 12** Select the wireless network you want to connect to (e.g., **SBSPublic**).

NOTE:



You can also add a wireless network if the network you want to connect to does not appear in the list. Select **Add Wireless Network** and follow the prompts. It is recommended that you employ the assistance of the designated IT person or network administrator at your location prior to adding a wireless network.

The **Connect to Network** screen is displayed.

- 13** Touch **Connect**.

Pocket HD™ updates the network settings.

The **Wireless** screen is displayed again, and a check mark is displayed next to the wireless network you selected.



Figure 5.35 Wireless Network Selected

14 Touch **Done**.

The **Networks** screen is displayed.

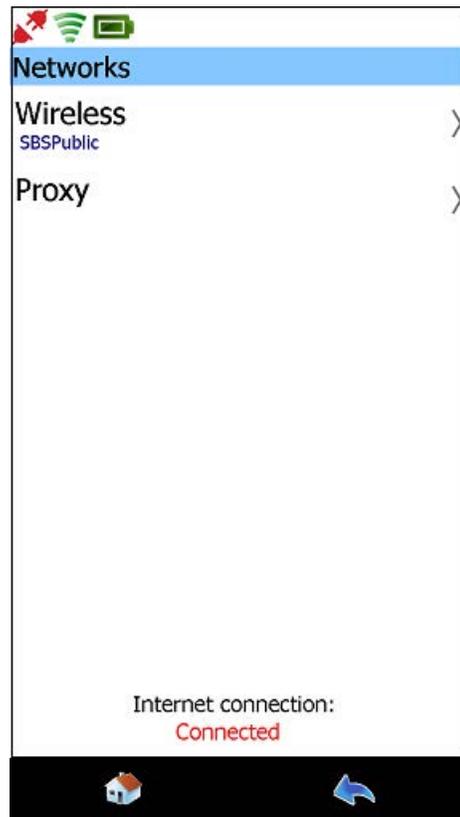


Figure 5.36 Networks Screen

Managing Proxy Settings for Your Network

If your local network is configured using a proxy server, you will need to enter information to tell Pocket HD™ how to communicate with it. If your local network is not configured using a proxy server, you do not need to enter these settings. The default setting on the HTTP Proxy screen is **Bypass**.

NOTE:



It is recommended that you employ the assistance of the designated IT person or network administrator at your location to manage your proxy settings.

To enter proxy settings:

- 1 Select **Proxy** on the Networks screen (Figure 5.36).

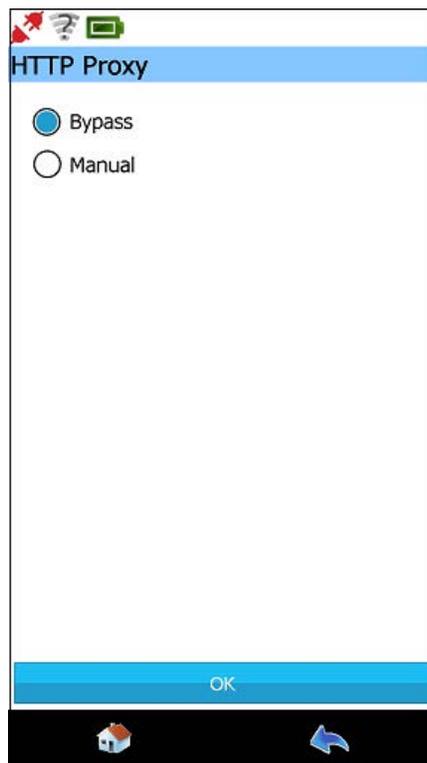


Figure 5.37 HTTP Proxy Screen

- 2 Note that **Bypass** is the default.

3 Do one of the following:

- Select **OK** to accept the default (i.e., Bypass) and return to the Networks screen.
- Select **Manual** to change proxy settings.

If you selected **Manual**, the following screen is displayed.

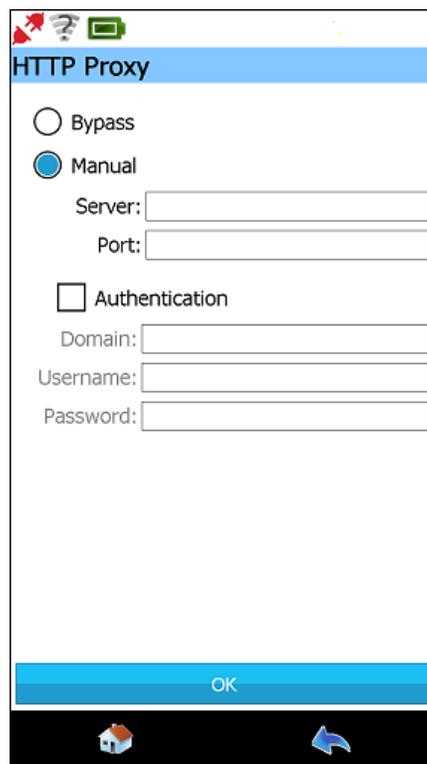


Figure 5.38 Changing Proxy Settings

4 Fill in the required information on the HTTP Proxy screen.

- Server
- Port
- Authentication (place a check mark in the box if your proxy server requires a password)
 - Domain
 - User name
 - Password

5 Touch **OK**.

A confirmation message is displayed.

6 Touch **OK**.

You are returned to the **Networks** screen (Figure 5.36).

7 Touch the **Back** icon at the bottom of the display.

The **Connections** screen is displayed.

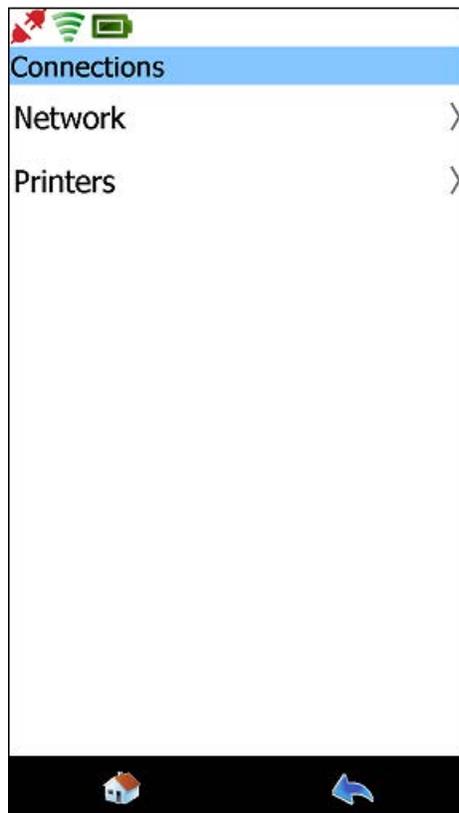


Figure 5.39 *Connections Screen*

Managing Printers

From the Printers screen you can perform the following tasks:

- Add Network Printer (pg. 175)
- Add USB Printer (pg. 180)
- Set Default Printer (pg. 181)

Adding a Network Printer

It may be preferable to have the designated IT person or network administrator for your location perform this task for you.

NOTE:



This procedure assumes that you have a wireless network connection and that you want to connect to an existing network printer.

To add network printer:

- 1 Select **Printers** from the Connections screen (Figure 5.39).

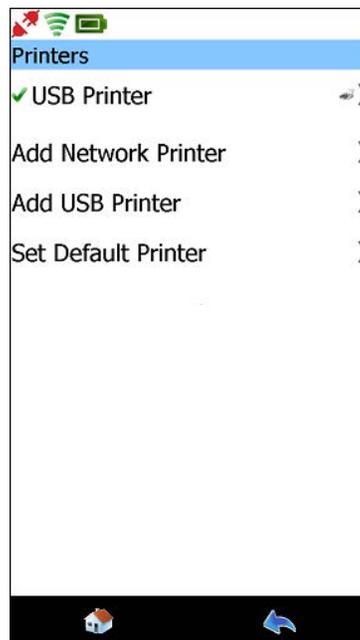


Figure 5.40 Printers Screen

- 2 Select **Add Network Printer**.

The **Add Network Printer** screen is displayed.

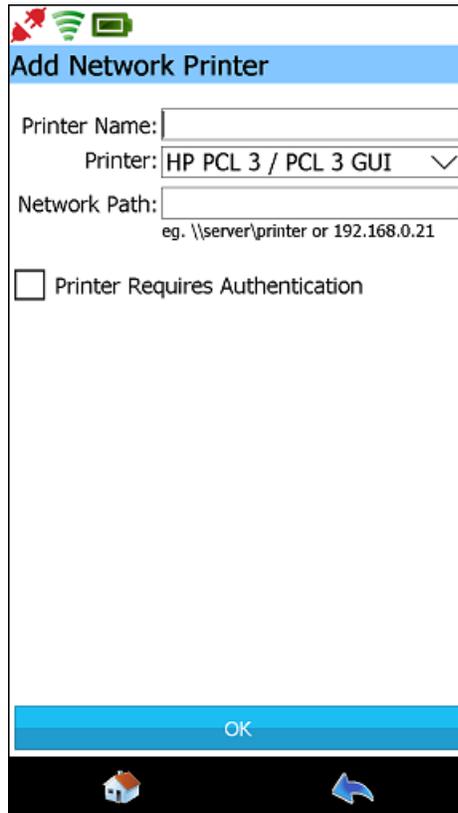


Figure 5.41 Add Network Printer Screen

- 3 Touch within the first data entry field.

The pop-up keyboard is displayed.

- 4 Use the keyboard to enter the **Printer Name**.
- 5 Select from the drop-down list the manufacturer/model that most closely matches the printer to which you wish to connect.

NOTE:



If for some reason you have trouble printing, you can go back to the list and try selecting another manufacturer/model that more closely matches the printer to which you wish to print.

- 6 Enter the **Network Path** or **IP Address** of the printer (e.g., \\server\printer or 192.168.0.21).

If a password is required to access the printer, check the **Authentication** box and enter the User Name, Password, and Domain.

- 7 Touch **OK**.

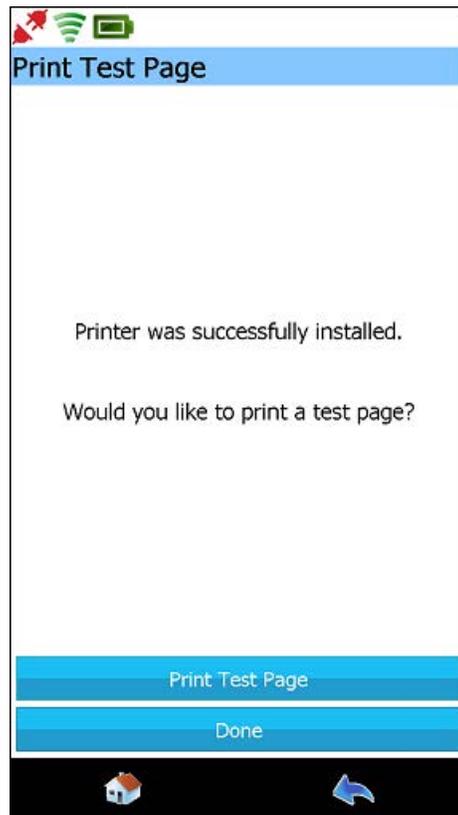


Figure 5.42 *Print Test Screen*

- 8 Touch **Print Test Page**.

The **Print Test Page** screen is displayed again.

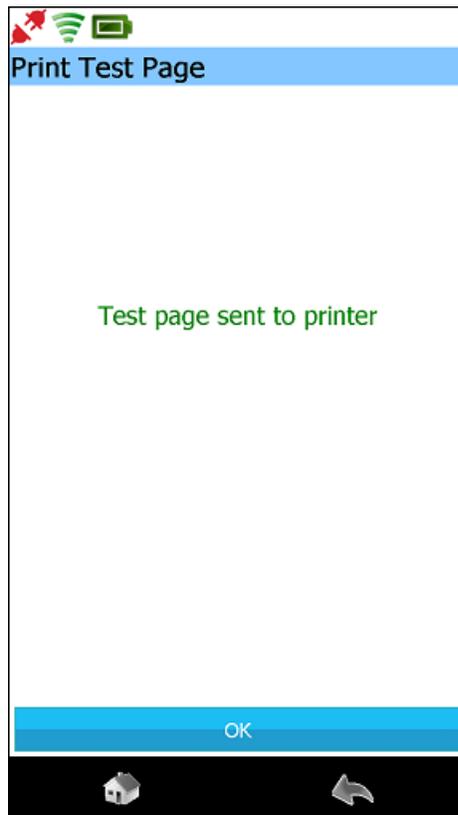


Figure 5.43 *Print Test Page Indicating Page Sent*

- 9 Check the printer for the test page.

NOTE:

 If the page did not print, you can use the Back icon to go back and try again.

- 10 Touch **OK**.
- 11 Touch **Done**.

The **Printers** screen is displayed and the printer you added is now displayed on the list.

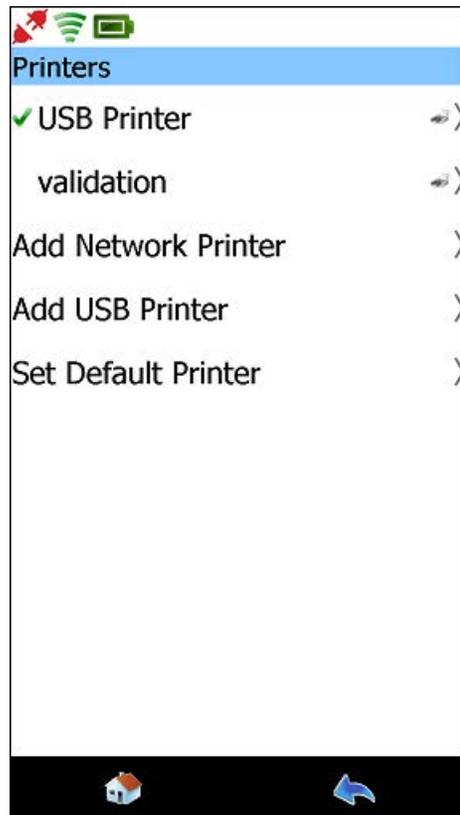


Figure 5.44 *Printers Screen*

Adding a USB Printer

You can connect Pocket HD™ to a printer using a high-speed USB cable. Because Pocket HD™ has a Type-C USB port, you may want to purchase a high-speed, USB Type-B male to USB Type-C male cable.

To add a USB printer:

- 1 Connect the Type-C end of the cable to the Pocket HD™ USB port.
- 2 Connect the other end of the cable to the printer to which you want to print.
- 3 Select **Add USB Printer** from the Printers screen (Figure 5.44).

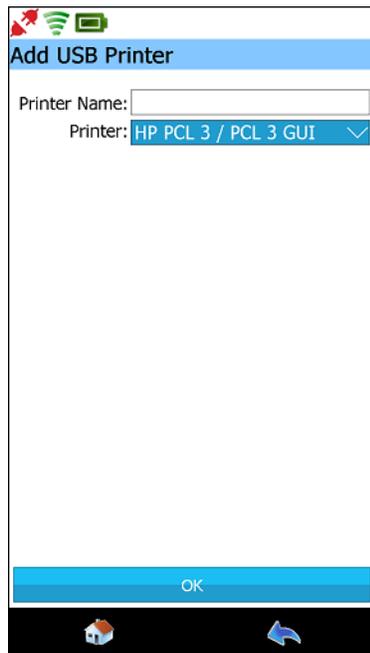


Figure 5.45 Add USB Printer Screen

- 4 Enter the Printer Name (e.g., HP 1320 PLC 6).
- 5 Select from the drop-down list the manufacturer/model that most closely matches the printer to which you wish to connect.

NOTE:

 If you have trouble printing, try selecting another manufacturer/model.

- 6 Touch **OK**.

Setting the Default Printer

You use the Set Default Printer screen to select a printer from a list of printers already set up to use as your default printer.

To set the default printer:

- 1 Select **Set Default Printer** on the Printers screen (Figure 5.44).

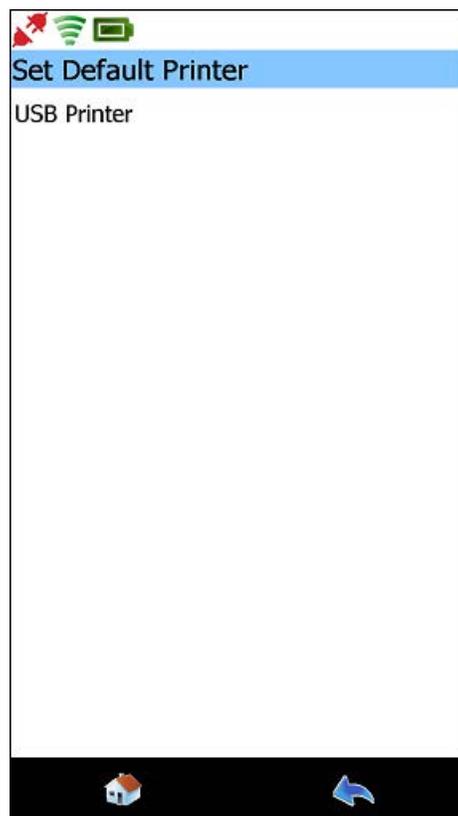


Figure 5.46 *Set Default Printer Screen*

- 2 Select the printer from the list.

The **Printers** screen is displayed again.



Figure 5.47 Printers Screen

Note that the default printer you selected now has a check mark next to the printer name.

NOTE:



If you want to delete the printer, select the printer name with the stylus. The **Printer Details** screen is displayed. Scroll down to the bottom of the screen, and Touch **Delete**.

- 3 Touch the **Back** icon twice to return to the Admin menu (Figure 5.2).

Configuring Pocket HD™

Pocket HD™ configuration tasks are accomplished through the **Configure** menu, which you access through the Admin menu (Figure 5.2).

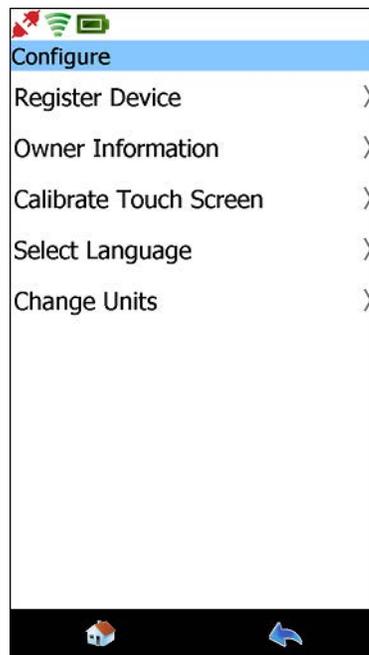


Figure 5.48 *Configure Menu*

The following options are available from the Configure menu:

- **Register Device**—enables you to register your Pocket HD™ as a first time user. An Internet connection is required. (See page 184.)
- **Owner Information**—provides features for updating owner information. (See page 185.)
- **Calibrate Touch Screen**—enables you to fine tune the accuracy of the Pocket HD™ touch screen. (See page 189.)
- **Select Language**—gives you the opportunity to select the language used on Pocket HD™ screens and messages. (See page 191.)
- **Change Units**—enables you to choose English or metric units of measure. (See page 193.)

Register Device

You need to register your Pocket HD™ *only once* (a task you perform as a first-time user). An Internet connection is required.

NOTE:



For detailed instructions on registering Pocket HD™, see **Chapter 2: Registration and Software Activation**, earlier in this manual.

Owner Information

You use the Owner Info screen to enter information about the owner of the unit, a task that takes place when you create your user account. You can also use this screen to update existing information. An Internet connection is required.

NOTE:



For information on creating a user account, please refer to **Chapter 2: Registration and Software Registration** earlier in this manual.

Red asterisks before a field indicate required fields.

To update owner information:

- 1 Touch **Owner Information** on the Configure menu (Figure 5.48).
- 2 Use the keyboard to enter your **Username** and **Password**.
- 3 Touch the **Submit** button (i.e., the orange back arrow on the keyboard)

The owner Information screen is displayed showing the information you entered when you first created your account.

The screenshot shows a mobile application interface for editing owner information. At the top, there are status icons for signal strength, Wi-Fi, and battery. Below is a blue header with the text "Owner Information". A legend indicates that an asterisk (*) denotes a "Required Field". The form contains the following fields and values:

- * Country:** United States. A blue button labeled "Change Country" is positioned to the right of the text.
- * Username:** rh654
- * Contact Name:** Ed Tackaberry
- Company Name:** Tackaberry Trucking
- * Phone:** 123-123-1233
- Address 1:** 303 Crow Hill Road
- Address 2:** (empty field)
- City:** Rockville

At the bottom of the form is a blue button labeled "Update". Below the form is a black navigation bar with a home icon and a back arrow icon. A vertical scroll bar is located on the right side of the form area.

Figure 5.49 Owner Info Screen

NOTE:

 Use the **Change Country** button if you want to change the country from the one displayed (e.g., United States).

- 4 Use the scroll bar to navigate to the field you want to change (i.e., **Username**).

The pop-up keyboard is displayed.

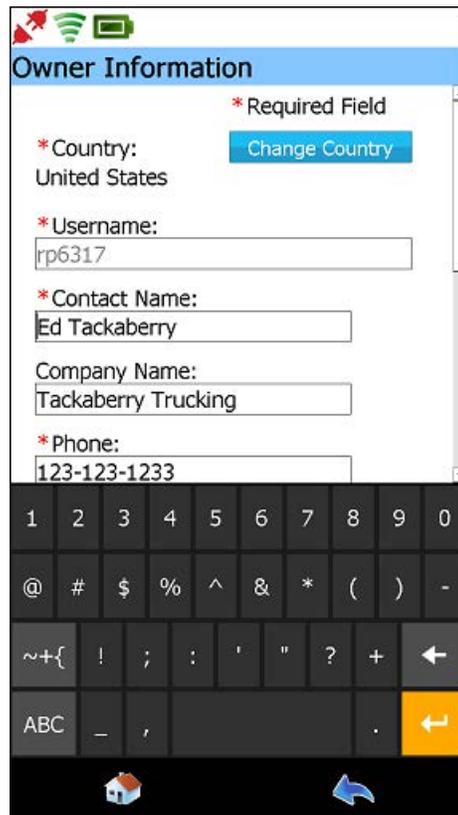


Figure 5.50 Owner Info Screen with Keyboard

- 5 Use the keyboard to make the required change.

NOTE:

 You can use the scroll bar to move to next field.

- 6 Continue entering the information until you have made the changes you want to make.
- 7 Touch the **Submit** button (i.e., the orange back arrow on the keyboard) until the keyboard is hidden.
- 8 Touch **Update**.

An update success message is displayed.

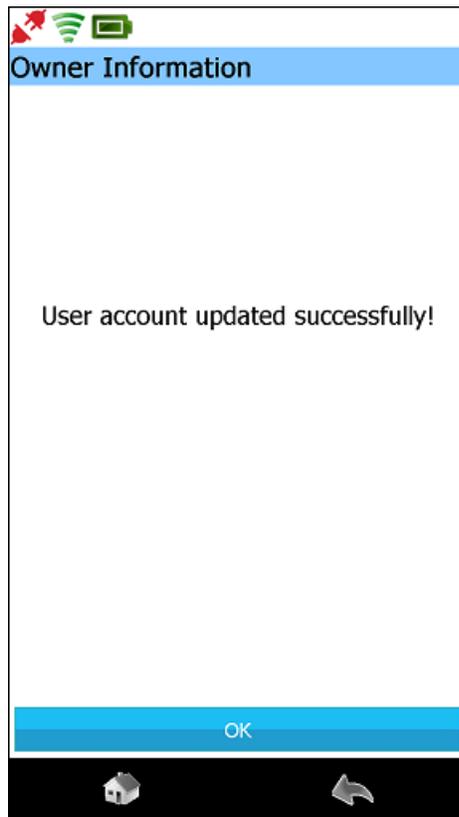


Figure 5.51 Update Success Message

- 9 Touch **OK**.

You are returned to the **Configure** menu (Figure 5.48).

Calibrate Touch Screen

To calibrate the touch screen:

- 1 Touch **Calibrate Touch Screen** on the Configure menu (Figure 5.48).

The following screen appears:

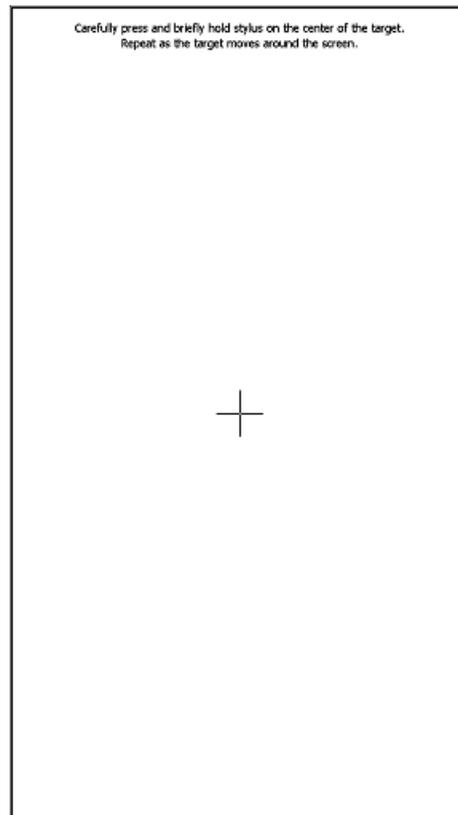


Figure 5.52 *Calibrating the Touch Screen (1)*

- 2 Using your stylus, Touch the center of the X.

Pocket HD™ will start to move the X around the screen as part of the calibration process.

- 3 Continue Touching the center of each X displayed.

The following screen is displayed.

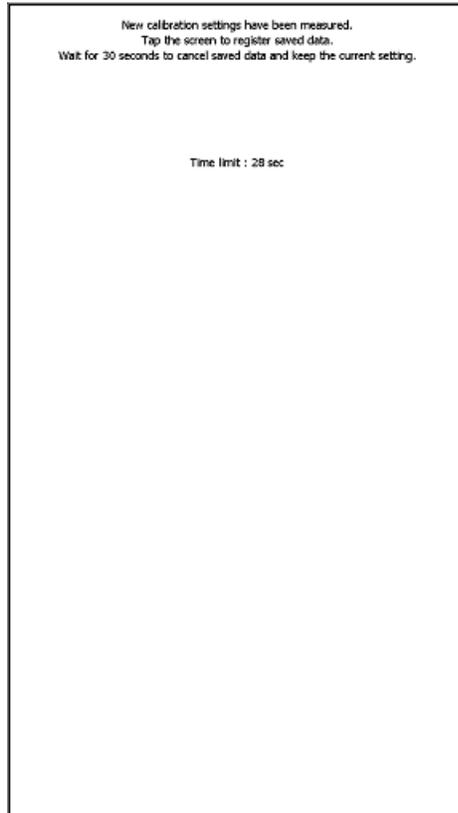


Figure 5.53 *Calibrating the Touch Screen (2)*

- 4 Touch the screen one last time to save the calibration.

NOTE:



If you fail to Touch the screen within the prescribed time limit, Pocket HD™ will revert to the previous calibration.

The **Configure** menu is displayed (Figure 5.48).

Selecting your Language Preference

To select the language to be used:

- 1 Touch **Select Language** on the Configure menu (Figure 5.48).

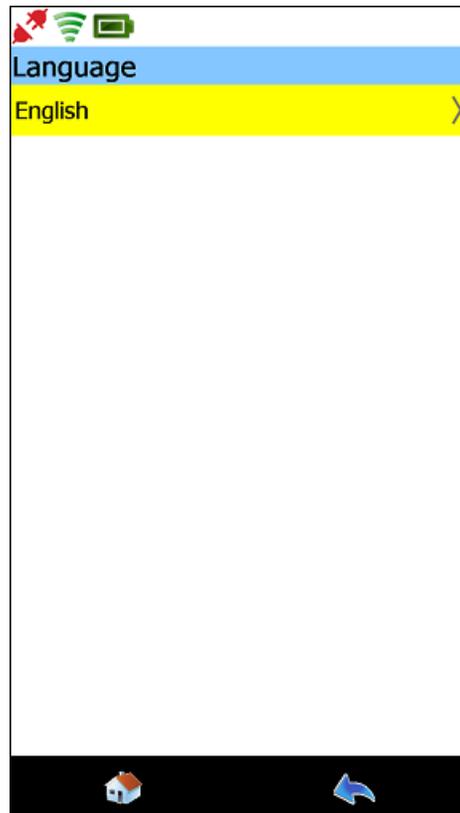


Figure 5.54 *Selecting the Language*

NOTE:



At the present time only English is available.

- 2 Touch on one of the languages listed (in this case, English). Pocket HD™ confirms your language selection.

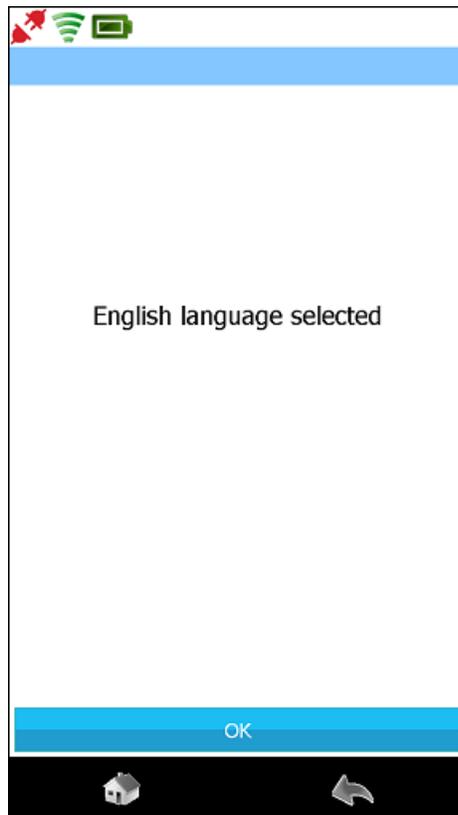


Figure 5.55 *Confirming the Language Selection*

- 3 Touch **OK** to return to the Configure menu (Figure 5.48).

Change Units of Measure

To change the units of measure:

- 1 Touch **Change Units** on the Configure menu (Figure 5.48).
The system displays two radio buttons: English and Metric.

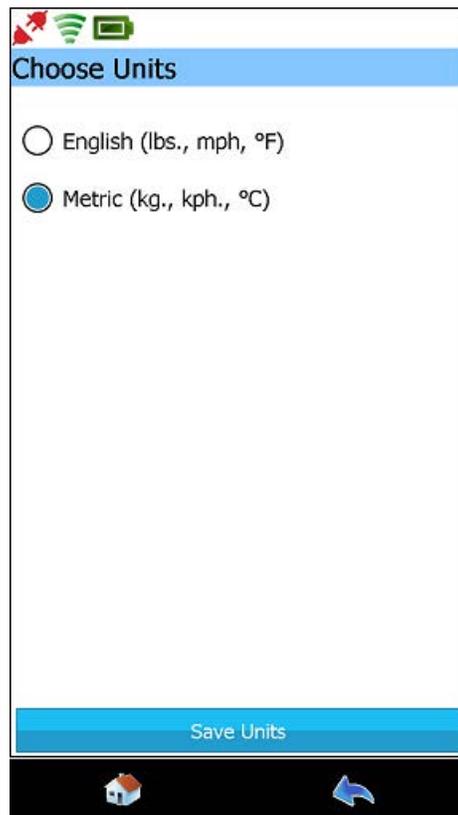


Figure 5.56 Changing Units of Measure

- 2 Touch the radio button representing the units you want to use, and Touch **Save Units** to return to the Configure menu (Figure 5.48).
- 3 Touch the **Back** icon at the bottom of the display.

The **Admin Menu** is displayed.

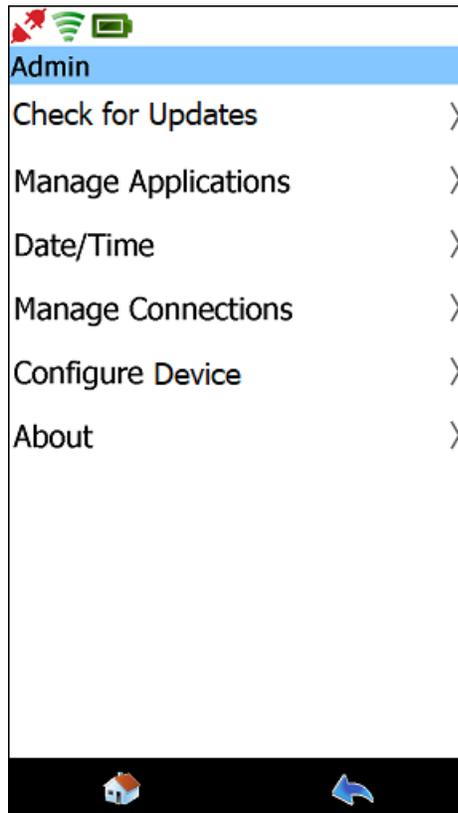


Figure 5.57 Admin Menu

Obtaining Information about the Pocket HD™

You access the About feature from the Admin menu. The information displayed includes:

- Device Serial Number
- OS Version
- System operating software information
- System Bundle information
- Application suite details (e.g., application version numbers)

To display detailed information about the device:

- 1 Select **About** from the Admin menu (Figure 5.57).



Figure 5.58 Information

- 2 Scroll down the list of information using the scroll bar at the right of the screen.

- 3 When you are finished, Touch the **Back** icon at the bottom of the display to return to the Admin Menu (Figure 5.57).
- 4 Touch the **Back** icon again to return to the Home menu.

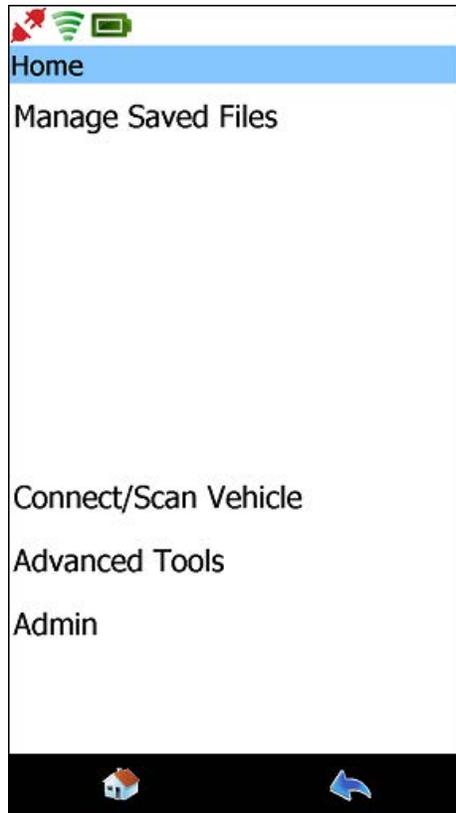


Figure 5.59 Home Menu (Disconnected State)