



NOTE: Periodically leave the DCA-8000 plugged-in to allow the tool to check for and perform available software updates.

Charging Cables

1. Insert the communication cable until the connector locks into place.
2. For strain relief, pre-twist each quick connector counter clockwise, before inserting and rotating clockwise 180° onto each Locking Post on the back of the charger.



NOTE: The barcode scanner base is magnetic and can be placed anywhere on the top of the DCA charger.



Locking Power Cord

1. Install power cord.
2. If removal is necessary, pull back on the red tab on the side of the connector to release/remove the power cord from the charger's power socket.
3. The connection process is complete when all three cables are secured to the charger.



Optional Wireless Barcode Scanner Cable

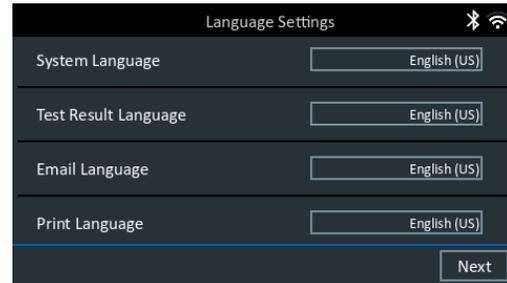
1. Insert the RJ50 connector into the bottom of the scanner base until it clicks into place.
2. If necessary, using a flat blade screwdriver, pry off the plastic cover over the DB9 connector on the back of the charger.
3. Use the thumb screws on the DB9 connector to secure the cable from the dock to the charger.



NOTE: The barcode scanner base is magnetic and can be placed anywhere on top of the DCA charger.

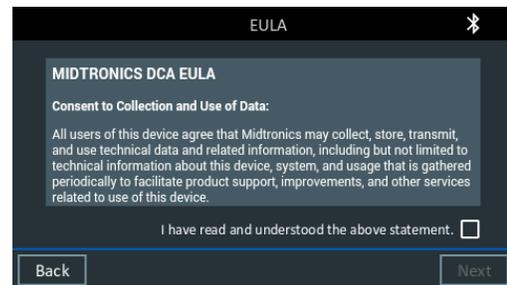
Initial Setup

1. Upon initial power-up, the Language Settings screen is displayed. If necessary, adjust the language settings for your dealership, then tap **Next** to continue.

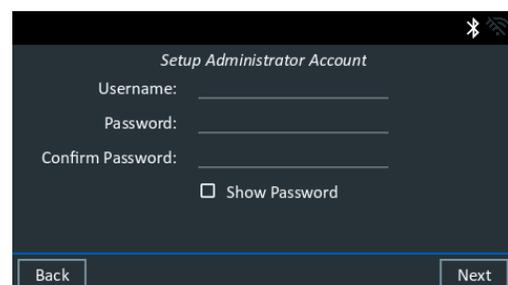


<i>System Language</i>	Select the Controller default language displayed on the screen.
<i>Test Result Language</i>	Select the Controller default language for all displayed tests and test results.
<i>Email Language</i>	Select the default standard language for the analyzer to use for all tests and results sent via email.
<i>Print Language</i>	Select the default standard language for the analyzer to use for all tests and results printed using a networked printer.

2. A Consent To Collect Data screen is displayed. Read the terms for collecting data, tap the Consent check box and then tap **Next** to continue.



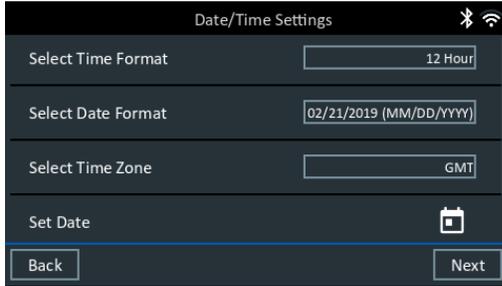
3. Next you must create an admin account; begin by entering your dealership's name as the Username. Tap **Next** to continue.





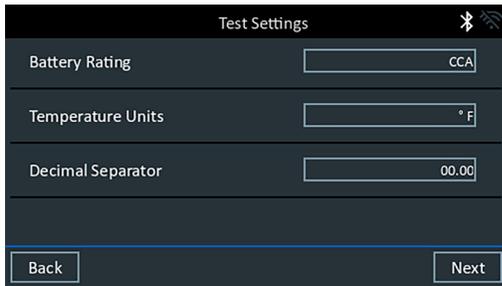
NOTE: SERVICE MANAGERS: The password is optional and can be left blank if all users should have access to all features including language settings and wifi configurations.

- The Date/Time Settings are displayed. Tap **Next** to continue after making any adjustment.



Select Time Format:	12-hour or 24-hour format
Select Date Format:	DD/MM/YYYY, MM/DD/YYYY, or YYYY/MM/DD
Select Time Zone:	Time zone offset from Greenwich Mean Time
Set Date:	Set the current date

- The Test Settings are displayed. Tap **Next** to continue after making any adjustments.



Battery Rating	CCA (Cold Cranking Amps)
Temperature Units	Select Fahrenheit or Celsius
Decimal Separator	Select decimal point or comma

- A list of detected WiFi networks is displayed. You are required to set up and maintain a WiFi connection for your tool to function, but it also allows for the use of additional features such as emailing test results to customers.

To add a network: Select from one of the displayed detected networks. If necessary, enter the WiFi network password. Tap **Next** when finished.

To manually add a network, tap the plus (+) sign.

Use the onscreen keypad to manually enter the Network SSID, security type, and IP settings. If necessary, enter the WiFi network password. Tap **Next** when finished.

A confirmation screen is displayed when the analyzer has successfully connected to the WiFi network.

To delete a network: Tap a displayed network to select it. Tap trash can icon (🗑️) to delete it.

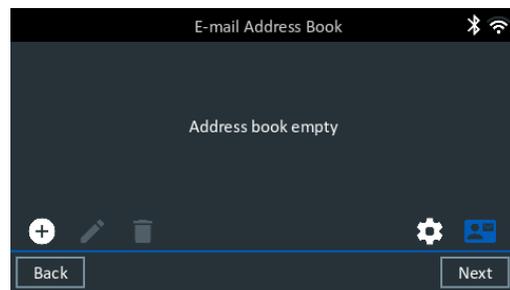
- The location selection screen is displayed. This is your Location ID. Enter your complete code and press OK. You will then see a popup asking you to confirm the location selection you have made. If you incorrectly typed the dealer code, select reconfigure to re-enter your dealer code. If this is correct information, select Verify to go to the next screen.



- The BMIS Login screen will be shown. It will provide a location confirmation as well as your login status. Press **Next** to go to the next screen.



- The Email Address Book screen is displayed.



After a battery test, the user has the option of sending test results via email. Adding commonly used email addresses during setup allows for quick selection of saved recipients later. If you wish to skip this step, tap **Next** to continue.

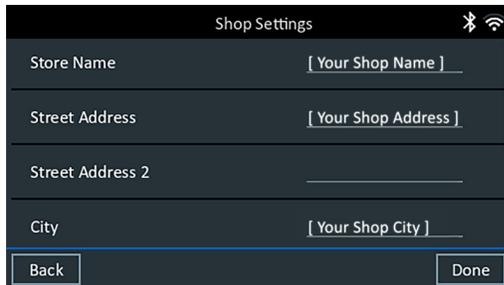
To add an email address: Tap the plus (+) sign, then use the displayed keyboard to add the address.

To edit an email address: Tap a displayed email address to select it. Tap the pencil  icon, then use the displayed keyboard to edit the address.

To delete an email address: Tap a displayed email address to select it. Tap trash can icon  to delete it.

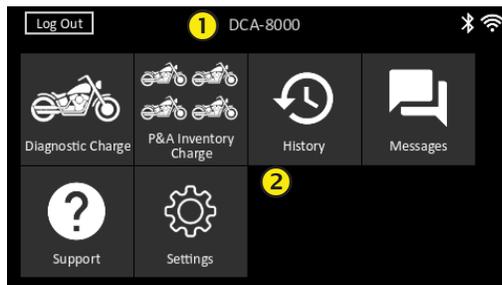
To use the Default Email Server Settings: Tap the gear  icon to use the default.

10. The Shop Information screen is displayed.



Use the onscreen keypad to enter the store name, address, and phone number. Tap **Next** to continue.

Main Menu

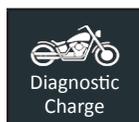


1 Menu Bar

Log Out	Log out current user		Bluetooth connectivity status
	Measured battery voltage (When a battery is connected)		WiFi signal strength

2 Main Menu Selection Area

Diagnostic Charge



Use diagnostic charge to perform battery tests based on test parameters selected in the following screens.

At any time during the test tap  to return to the previous screen or  to return to the Main Menu.

Performing A Diagnostic Charge

- At the Main Menu, tap **Diagnostic Charge**. You will be prompted to select if the vehicle is P&A or In-Service. Selecting P&A will not require you to capture a VIN, where In-Service will require you to capture a VIN number. If the vehicle is not under warranty, VIN capture becomes optional.
- For best results, scan the VIN barcode using one of the two optional barcode scanners. A single beep indicates the scan was successful.



NOTE: Refer to the user manual for recommended scanning procedures and VIN scanning help by accessing the QR code located at the end of this Quick Reference Guide.

If your barcode scanner is unavailable for some reason, the VIN can also be entered manually.

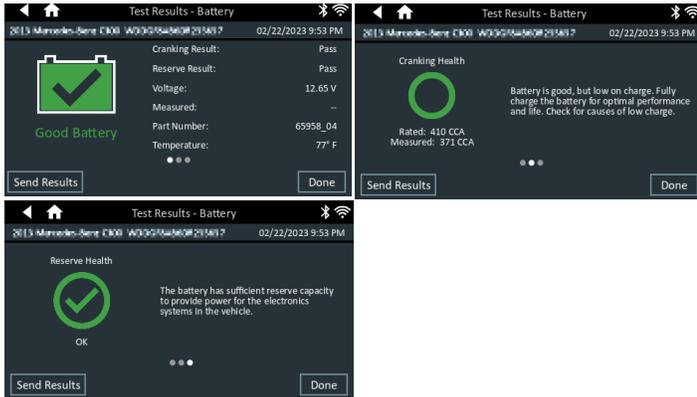
Battery Rating Units	CCA	Cold Cranking Amps: Battery current at 0 °F (-17.8 °C).	100 to 3000
	JIS	Japanese Industrial Standard: Usually printed on battery label.	26A17 to 245H52
Battery Type	Flooded, AGM (Absorbed Glass Mat), AGM Spiral, Gel, EFB, Lithium		
Battery Rating	Enter the Battery Rating Units value.		

- Following the testing process, select the Harley-Davidson battery part number or other battery part number if it is not a Harley-Davidson battery.
- At the confirm Information screen, you will need to capture the battery serial number and date code to proceed.



NOTE: Upon connecting the charger clamps to the battery terminals, certain lithium batteries might activate a low-voltage protection feature. If this occurs, the DCA-8000 may fail to recognize its connection to a battery. To complete the testing procedure and obtain a Warranty Test Code, please adhere to the instructions displayed on the screen.

Battery Test Results



Additional Resources

Scan this QRC with your smart phone to access the full user manual and other online resources on the Harley-Davidson Knowledge Base.



Harley-Davidson DCA-8000 Knowledge Base

Icons are color-coded to indicate status.

Green:	All test parameters were completed and have passed.	Red:	The battery has failed the test.
Yellow:	Some test parameters may require further testing.	White:	Insufficient data to perform the test.

 **NOTE:** Refer to Test Result Decision Tables in the user manual for a complete explanation of possible test results.

To send the test results to a configured printer or via email tap **Send Results** and select an option. To return to the Home Screen, tap **Done** or  to return to the Main Menu.



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