

DCA-8000



IMPORTANT: Always leave the DCA-8000 plugged-in when not in use to allow the tool to automatically check for and perform any 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.
3. The connection process is complete when all three cables are secured to the charger.



Locking Power Cord

Pull back on the red tab on the side of the connector to release/remove the power cord from the charger's power socket.



Wireless Barcode Scanner Cable

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

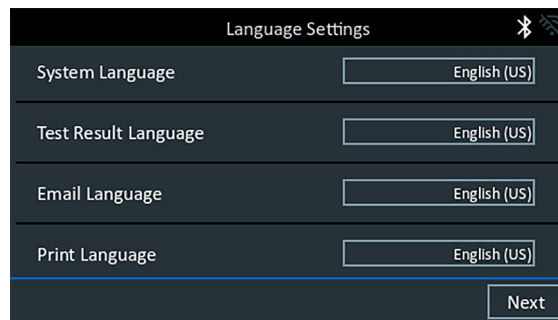


NOTE: The barcode scanner base is magnetic and can be placed anywhere on top of the DCA charger.



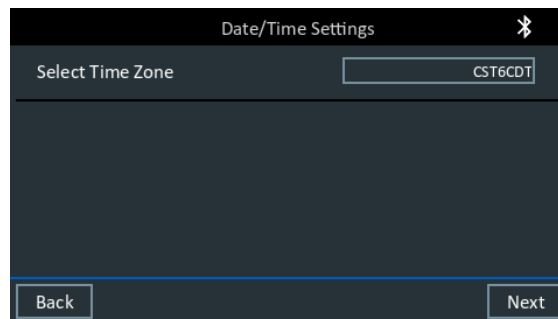
Initial Setup

1. Upon initial power-up, select the Region.
2. The Language Settings screen is displayed. Tap **Next** to continue.



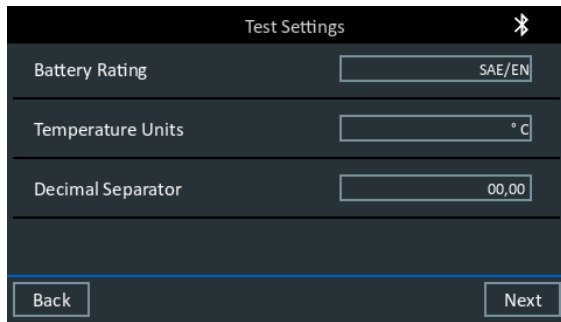
<i>System Language</i>	Select the Controller default language displayed on the screen.
<i>Test Result Language</i>	Select the Controller default language for all displayed tests and test results.
<i>Email Language</i>	Select the default standard language for the analyzer to use for all tests and results 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.

3. 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.
4. The Date/Time Settings are displayed. Tap **Next** to continue after making any adjustments.



<i>Select Time Zone:</i>	Time zone offset from Greenwich Mean Time
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5. The Test Settings are displayed. Tap **Next** to continue after making any adjustments.



Battery Rating	SAE, EN
Temperature Units	Select Fahrenheit or Celsius
Decimal Separator	Select decimal point or comma

6. A list of detected Configured WiFi networks is displayed.
To select a network: For initial setup, no networks will be displayed here yet.

To add a network: Tap the plus (+) sign, then select from one of the displayed detected networks.

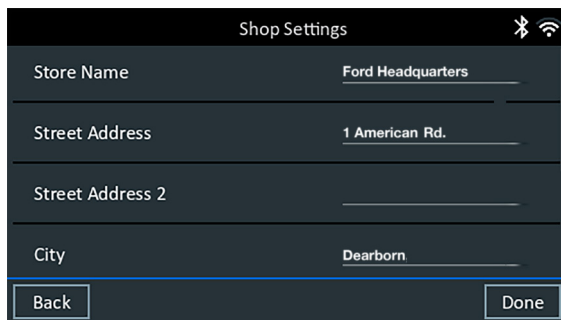
To manually add a network, tap the plus (+) sign again. Follow the on-screen instructions to select the Network SSID, Security, and IP Settings. Tap **Next** when finished.

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.

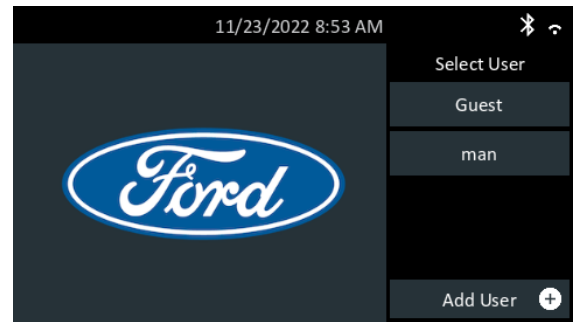
A confirmation screen is displayed when the analyzer has successfully connected to the WiFi network.

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

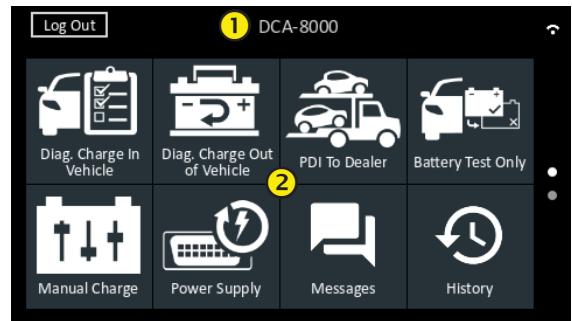
7. The Shop Information screen is displayed. Use the onscreen keypad to enter the store name, address, and phone number. Tap **Next** to continue.



8. The login screen is displayed. Tap **Start** to access the Main Menu.



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 in Vehicle

Use Diagnostic Charge In Vehicle to perform Battery Tests on in-vehicle batteries based on test parameters entered by the user. A System Test is also available.

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

Battery Test Only

1. Connect the charger clamps to the appropriate battery posts.
2. At the Main Menu tap **Battery Test Only**.
3. Use the wireless barcode scanner to scan the battery barcode.


The battery barcode can also be selected manually.

For best results, scan the barcode located on the driver's side door frame. A two-tone beep indicates the scan was successful. A single beep indicates an unsuccessful scan.

For Manual Entry, enter the Battery Rating Units, Type, and Rating.

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, EFB+		
Battery Rating	Enter the Battery Rating Units value.		

- Following the testing process, if the battery parameters were entered manually, the Temperature screen is displayed.
- At the Edit Battery Info screen, tap on the corresponding box to edit the parameter information.

 **NOTE:** Battery Type, Units, and Rating must be filled in before proceeding.


Battery Test Results



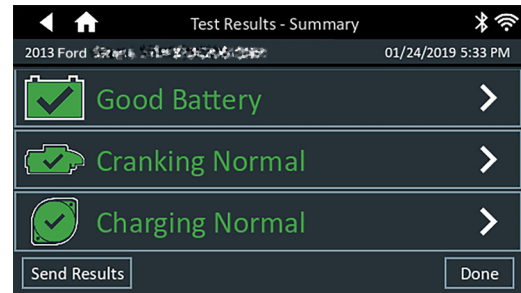
Icons are color-coded to indicate status.

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.

Tap **Done** or **System Test** to continue with the System Test.


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


System Test Results-Summary



Test Results - Summary

A Test Results - Summary screen is displayed following a System Test. Tap > to view detailed test results for each part of the test.

 **NOTE:** Refer to Test Result Decision Tables in the on-line 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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