

Setting the Ignition Power-Off Delay for the Automotive EN-2000[™] Router

he automotive EN-2000 has a timer for automatic power-off after the vehicle's power is shut off, so that the EN-2000 will not drain the automotive battery. The user can set the timer's value.

There are several situations in which the automotive EN-2000 might need to remain in service for a short time after the automotive power has been shut off. The following case is one example:

A vehicle has returned to the depot and the driver has shut off the ignition. The automotive EN-2000 router remains active for 20 minutes to allow telemetry dataperhaps from the refrigeration unit—to be collected over a local WiFi connection.

Use the following steps to configure delayed shut-off for the automotive EN-2000.

Make sure the automotive EN-2000 is attached to a stable mounting bracket in 1 the vehicle, and make sure the EN-2000's ports are connected to support the router's network functions.

Note: For details, see Section C.2, Installing the Automotive EN-2000 Router in a Vehicle, on page 3 of the document The Automotive EN-2000™ Router.

2 Connect the automotive EN-2000 to the automotive battery, to use delayed power-off (Figure D-1).

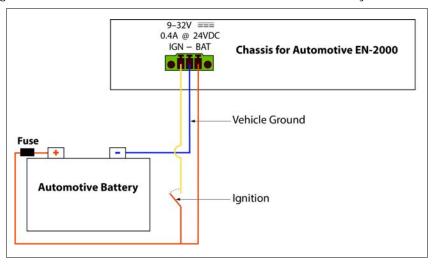


Figure D-1. Automotive EN-2000 Power Connection with Delayed Power-Off

Note: For connections using other power-off scenarios, see Section C.3.1, *Making a Permanent Connection to the Automotive EN-2000*, on page 4 of the document *The Automotive EN-2000™ Router*.

- **3** Turn the vehicle's key to start the automotive engine. Then watch the EN-2000's **Status** LED.
- 4 Wait until the **Status** LED stays on. Then open the EN-2000's management system. (For details, see Section 2.3, *Logging In*, on page 2 of the document *Using the EN-2000's Management System*.)

The EN-2000's management screen is displayed.

5 On the management screen, select the **System** tab; then select the **Automotive** tab.

The screen for Automotive Ignition Configuration is displayed (Figure D-2).
The Ignition Timer indicates the delay for EN-2000 power shutdown after the automotive power has been shut off. The timer's default value is
1800 seconds (30 minutes).

Figure D-2. Automotive Ignition Configuration

EN 2000 Phone/MTN#: Device Mode: Cell Fallove	Chang
encor <mark>e-n</mark> etworks	
Status System Network Logout Quickstart	
System Administration Services Automotive SNM	P Cfg Server Backup / Restore Reboot
Automotive Ignition Feature	
This feature allows the Encore unit to remain r Automotive Ignition Parameters	unning after the ignition switch is turned off.
Enable Ignition Feature	🗷 Enabling this allows the Encore unit to continue operating after the ignition switch is set to off.
Ignition Timer (Seconds)	1800 Specifies the number of seconds the unit will receive power after the ignition is turned off.
	🥥 Reset 🥥 Save 🐻 Save & Apply

- 6 To change the time delay, make sure the checkbox to Enable Ignition Feature is selected, and enter a new value in the Ignition Timer field. Then select the button to Save & Apply.
 - The system adopts the new timer value. The screen displays that value.
- 7 To monitor the time for the EN-2000's delayed shutdown, select the **Status** tab; then select the **Automotive** tab.

♦ The Automotive EN-2000 System Power Status Screen is displayed. (In Figure D-3, the vehicle's Ignition Status is ON. The EN-2000's System Power is also ON, indicating that the EN-2000 is receiving power from the vehicle.)

Figure D-3. Automotive EN-2000 System Power Status Screen

encore-networks	
Status System Network Logout Quekstart Overview Routzes System Log Reatime Graphs Encloud Automotive	
Ignition Feature Enabled	
Ignition Status ON System Power ON	

8 Turn off the vehicle's power.

The screen's System Power field starts the countdown for the EN-2000 to power off (Figure D-4). The field refreshes every few seconds.

Figure D-4. Automotive EN-2000 System Power Status Screen: Countdown to Power Shutdown



♦ When the countdown reaches 0 (zero), the automotive EN-2000's power shuts off. The EN-2000's management system is no longer active.

Note: To restart the automotive EN-2000 router, repeat step 3, on page 2.