

Subject: MAINTAINING BATTERY VOLTAGE DURING VEHICLE SERVICE WITH DCA8000 OR GR8	Service Alert No.: SA-034/21
	Last Issued : 05/13/2021

BULLETIN NOTES

This service alert supersedes the previously issued service alert listed below. The changes are noted in Red text.

Previous TSBs:	Date(s) Issued:
SA-063/20	08/18/20

APPLICABLE MODEL(S)/VINS

2013-2021 CX-5	2016-2021 CX-3	2020-2021 CX-30
2014-2021 Mazda3	2016-2021 CX-9	
2014-2021 Mazda6	2016-2021 MX-5	


DESCRIPTION

When performing vehicle services such as control unit software update, control unit registration/activation, CMU log data retrieval, etc., always use the DCA8000 OR GR8 battery charger SST to maintain battery voltage.

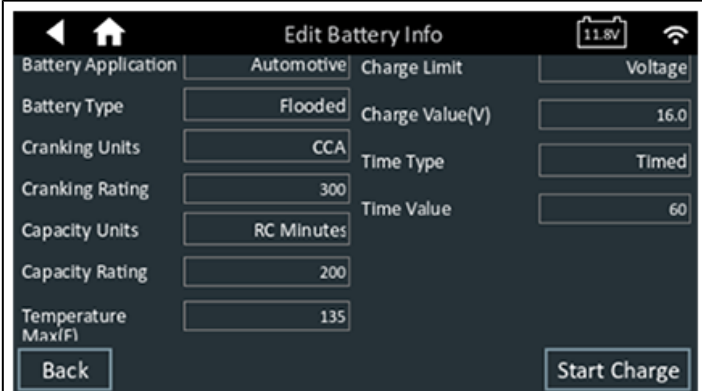
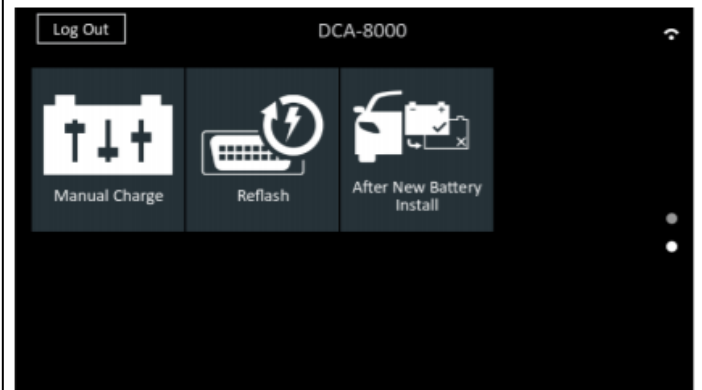
DCA8000

Set the DCA8000 to "Reflash" (PCM/module reflash) or "Manual Charge" (all other service).

NOTE: For Manual Mode, set Charge Value to "14.50 V" and Time Type to "CONTINUOUS".

<p>1. From the Main Menu, select "Reflash" or "Manual Charge".</p>	
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2. For Manual Charge, fill out the Battery Info and then set Charge Limit to Voltage, Charge Value to 14.5 and Time Type to Continuous.

GR8

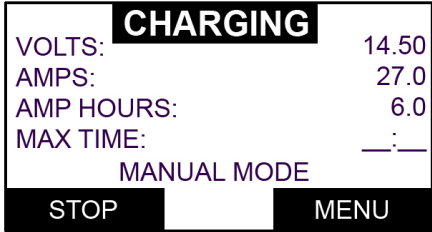
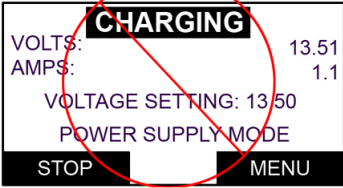
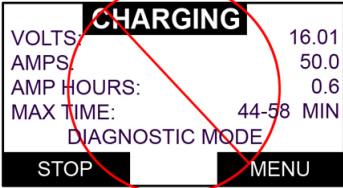
Set the GR8 to "Manual Charge".

- Set Voltage to 14.50 V
- Set Max Time to "CONTINUOUS"

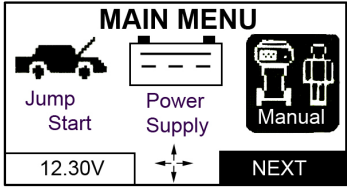
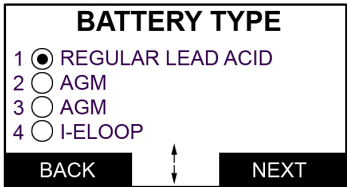
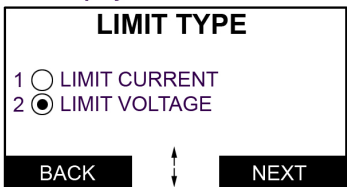
CAUTION:

- DO NOT use the "Power Supply Mode." If the "Power Supply Mode" is used and the vehicle battery is low, the GR8 will switch from "Power Supply Mode" to "Diagnostic Mode." Diagnostic Mode 16V charging is too high for a module software update.
- If the vehicle battery is low, charge the battery and only perform a module software update when the GR8 is in "Manual Mode" at 14.50 V charging (see table below).

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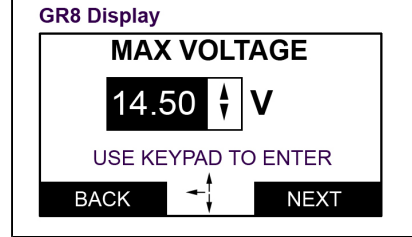
Good	No Good
<p>GR8 Display</p> 	<p>GR8 Display</p>  <p style="color: red; font-weight: bold;">Power Supply Mode</p>
Manual Mode	Diagnostic Mode
<p>GR8 Display</p> 	

GR8 Manual Mode Setup

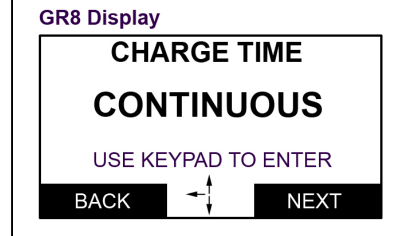
<p>1. From the Main Menu, select "Manual"</p>	<p>GR8 Display</p> 
<p>2. Select "REGULAR LEAD ACID"</p>	<p>GR8 Display</p> 
<p>3. Select "LIMIT VOLTAGE"</p>	<p>GR8 Display</p> 

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4. Use keypad to enter 14.50 Volts



5. Use keypad to select "CONTINUOUS".



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