Electronic Service Tool



CX-B Excavators
EST User Guide

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Experienced User Information

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CX-B Excavator Electronic Service Tool

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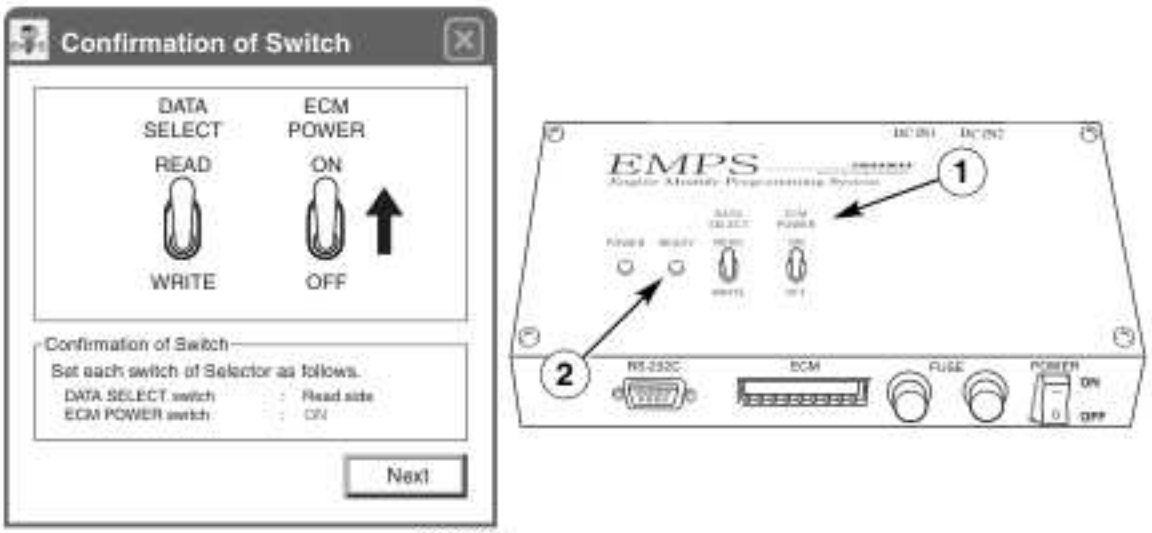
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The Electronic Service Tool will display a Confirmation of Switch screen. Check the settings of the switches on the EMPS/EST Protocol Adapter Box. The switches should be set as follows:

- Data Select Switch - Read
- ECM Power Switch - On

Place the switches in the position shown. Left click the Next [Next] button.

Left Click Mouse On: Next



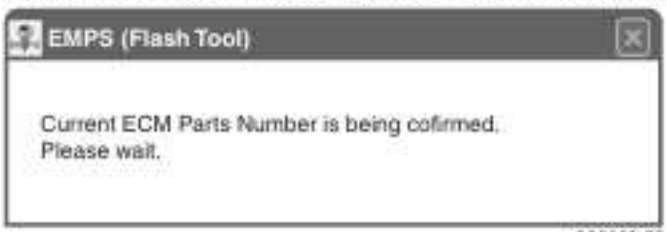
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Item	Description
1	ECM Power Switch
2	Ready LED

EMPS (Flash Tool) screens will be displayed.

- Monitor progress on screen.

Note: *As the Electronic Service Tool checks current ECM information, the Ready LED will flash.*



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Section 4: Using Windows®

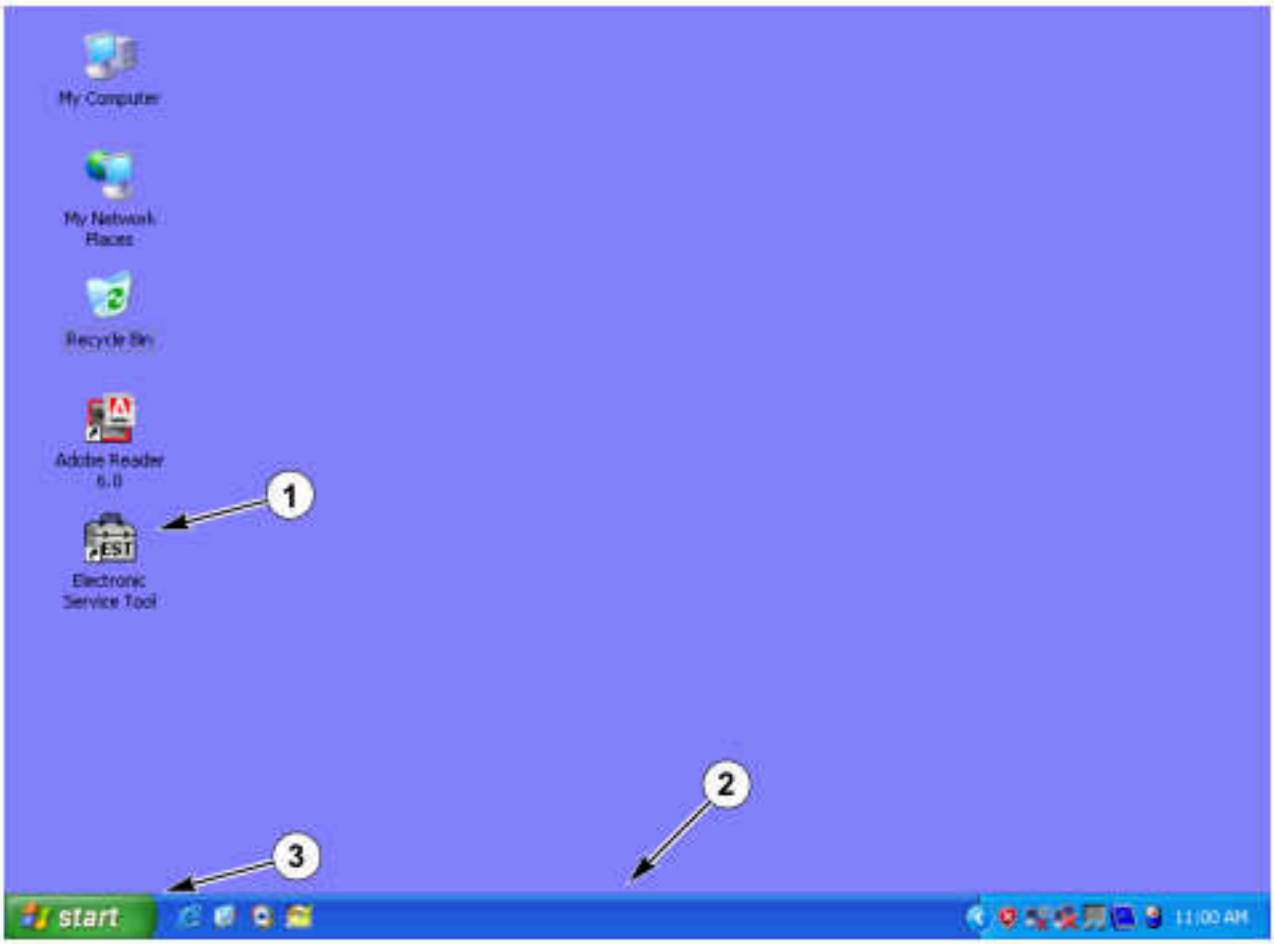
The Electronic Service Tool program uses a variety of standard Windows® operations to perform functions during operation.

- Working knowledge of Windows® operations is essential for successful use of the Electronic Service Tool program.
- This manual uses the term *mouse* to refer to any Windows® compatible pointing device.
- The terms *right click* and *left click* reference the left and right buttons on the mouse (or laptop key panel).

Important: *Many Windows® based programs provide more than one method to perform an operation. This manual may not illustrate all possible methods.*

Desktop Screen

The Desktop screen is displayed any time all other programs are closed on the laptop computer. The Desktop screen is used to open a variety of programs.



Item	Description
1	Short Cut Icon - Used to start the Electronic Service Tool program if the program is closed.
2	Task Bar - Displays the names of the programs currently open and other icons.
3	Start Button - Used to navigate to various Windows Program operations.

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An Enter Engine Serial Number screen will be displayed.

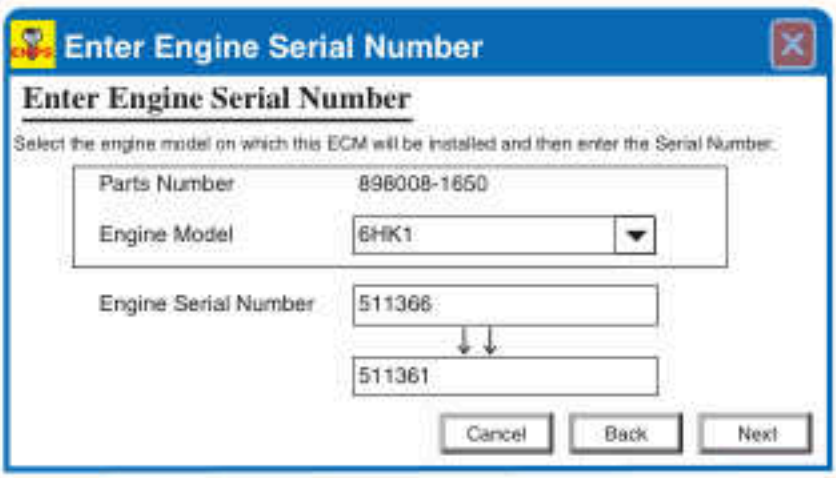
- Select the Engine Model.

Left click the drop down list arrow to make a selection from the displayed list. The item will be highlighted (darkened) as the selection is made.

- Enter the engine serial number, this serial number will be used to set the factory settings.

Left click the Next button.

Left Click Mouse On: Next

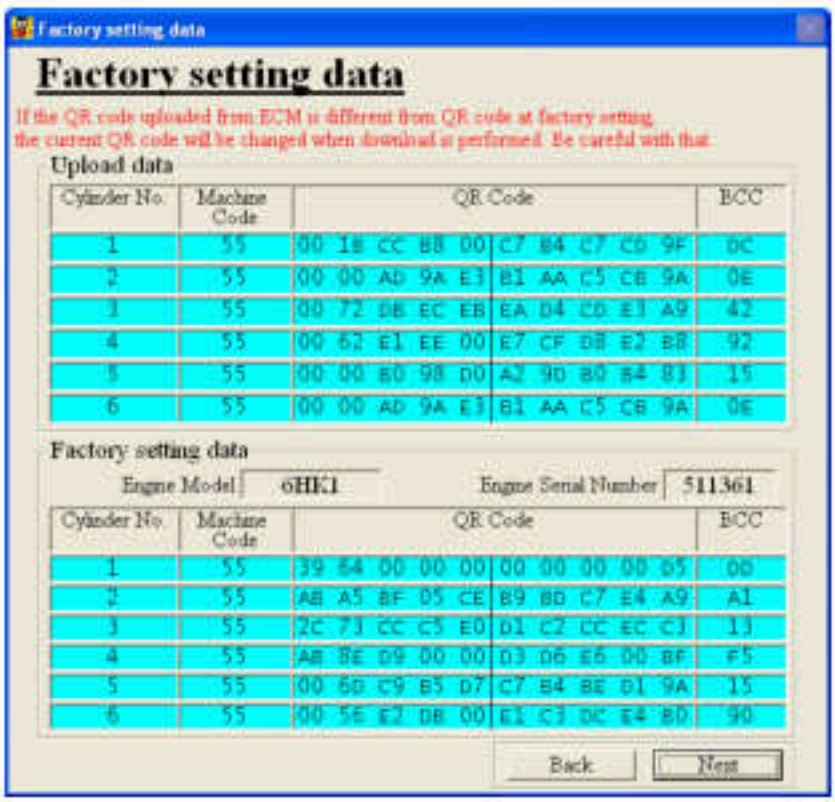


A Factory Setting Data screen will be displayed.

- This screen displays installed QR Code upload data and factory setting QR data.

Left click the Next button.

Left Click Mouse On: Next



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