

Get Passwords

Step 1: Enter Display Code

Display Code: [More info](#)

Enter the Display Code as shown in the service tool and click 'Next'.

If no Display Code is shown, click 'No Display Code'.

No Display Code

Next

Step 2: Select Reason Code

Product Type:

ECM Type:

Reason Code:

Back

Next

Step 3: Enter all fields exactly as shown in service tool

Service Tool Serial Number:

Product Id:

ECM Serial Number:

Tattletale:

Reason Code: 78 : Machine Security Protection System

Diagnostic Clock: ☐ Hours ☐ Miles ☐ Kilometers

Software Part Number: Optional

Enter the information as shown in the service tool and click 'Generate Passwords'.

Generate Passwords

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Illustration 42

Product Serial Number

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4. Enter the following information:

- “Engine Units”
- “Product Serial Number”

Note: Enter the hours that are displayed on the service hour meter in the “Engine Units” block. Select “Hours” as the unit.

- “Service Tool Serial Number”
- “ECM Serial Number”
- “Total Tattletale Value”
- “Reason Code”

Note: The “Rerate” section is not used with the Machine Security System. Do NOT enter information in this section.

Note: The information that is listed may be obtained from the “Enter Factory Passwords” screen in the Caterpillar Electronic Technician (ET). Refer to Illustration 43 .

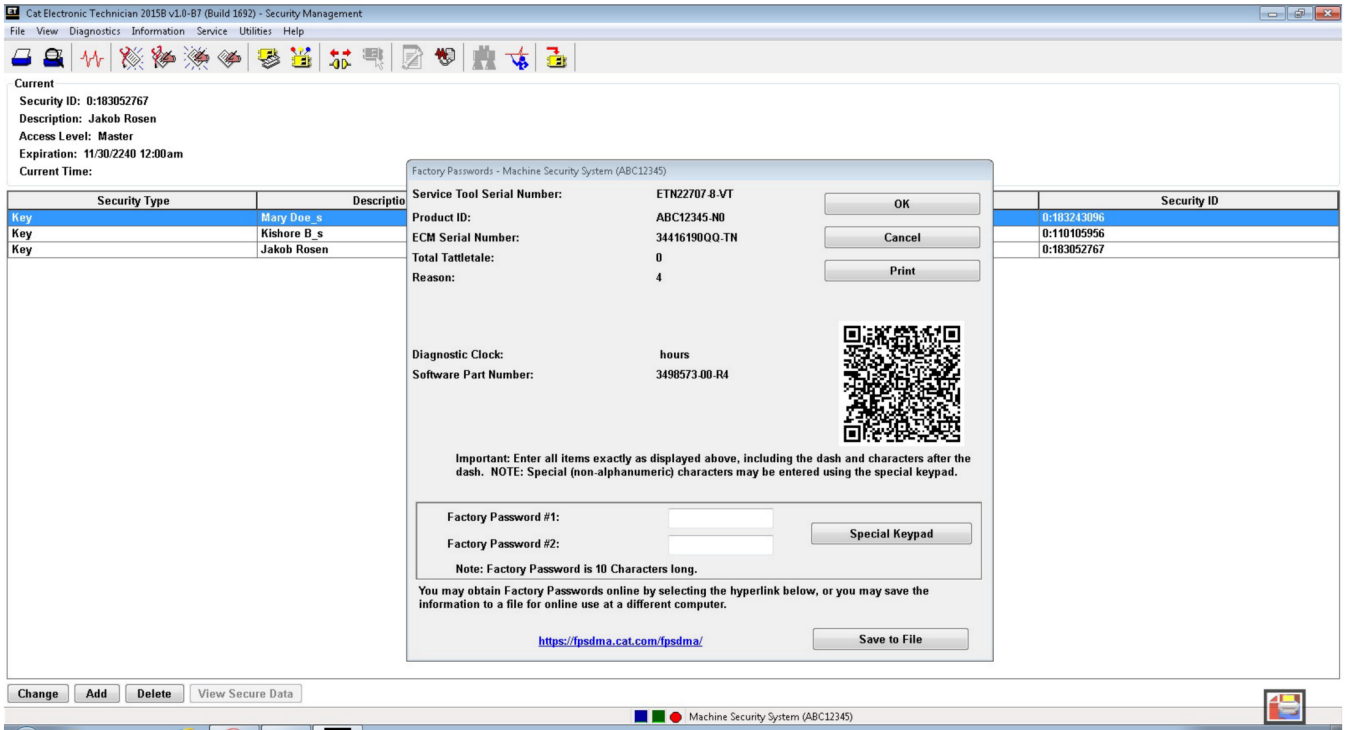


Illustration 43
Factory Password

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Get Passwords

Step 1: Enter Display Code

Display Code: [More info](#)

Enter the Display Code as shown in the service tool and click 'Next'.

If no Display Code is shown, click 'No Display Code'.

No Display Code

Next

Step 2: Select Reason Code

Product Type:

ECM Type:

Reason Code:

Back

Next

Step 3: Enter all fields exactly as shown in service tool

Service Tool Serial Number:

Product Id:

ECM Serial Number:

Tattletale:

Reason Code: 78 : Machine Security Protection System

Diagnostic Clock: ☐ Hours ☐ Miles ☐ Kilometers

Software Part Number: Optional

Enter the information as shown in the service tool and click 'Generate Passwords'.

Generate Passwords

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Generated Password

5. Enter all the required information. Then click the "Generate Password" button. The passwords will then be generated.

Factory
Passwords

FPS Estimate Feedback Help

Product

Product Serial Number: **HGH01212**
Engine Units: **723.0 Hours**
Work Order Number: **0201021140**
Service Tool Serial Number: **ET000317-2**
ECM Serial Number: **2531B001GZ**
Total Tattletale Value: **008**
Reason Code: **99**

Rerate

Old Interlock: **n/a**
New Interlock: **n/a**
Iron changes upgrade? **n/a**
Ordered emission sticker? **n/a**

Product Owner:

Product Owner:
Address: ***** Not Available At This Time *****

Service Tool Owner:

Service Tool Owner: **CAT LMA J0924**
Dealer/Customer Code: **Z047**
Customer control no:
Contact Phone:
Extension:
Associated Cat Dealer:
Dealer Code:

Password 1: **5484WS5X** Password 2: **5L3AGAQX**
There is no charge associated with the factory passwords

Illustration 45
FPS Password Created confirmation screen

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6. Record both of the factory passwords.

Factory Passwords - Machine Security System (ABC12345)

Service Tool Serial Number: **ETN22707-8-VT**
Product ID: **ABC12345-N0**
ECM Serial Number: **34416190QQ-TN**
Total Tattletale: **0**
Reason: **4**

Diagnostic Clock: **hours**
Software Part Number: **3498573-00-R4**



Important: Enter all items exactly as displayed above, including the dash and characters after the dash. NOTE: Special (non-alphanumeric) characters may be entered using the special keypad.

Factory Password #1:
Factory Password #2:

Special Keypad

Note: Factory Password is 10 Characters long.

You may obtain Factory Passwords online by selecting the hyperlink below, or you may save the information to a file for online use at a different computer.

<https://fpsdma.cat.com/fpsdma/>

Save to File

Illustration 46
MSS Enter Factory Passwords screen

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7. Refer to Illustration 46 . Enter the factory password 1 in the “Factory Password #1” field and enter factory password 2 in the “Factory Password #2” field.

Note: Both passwords are required in order to change any of the parameters of the Machine Security System.

Telephone Help Line

The Telephone Help line for obtaining a Factory Password is the same number assigned to the Dealer Solutions Network (DSN) and is listed below:

(309) 636-8500

You will need the information listed below, in order to obtain a Factory Password:

- “Product Serial Number”
- Service Meter Hours (“Engine Unit Block”)
- Serial number of the Service Tool (Electronic Technician)
- Serial Number of the MSS3s ECM
- Total Tattletale Value
- Reason Code

Note: The information that is listed may be obtained from the “Enter Factory Passwords” screen in the Caterpillar Electronic Technician (ET). Refer to Illustration 46 .

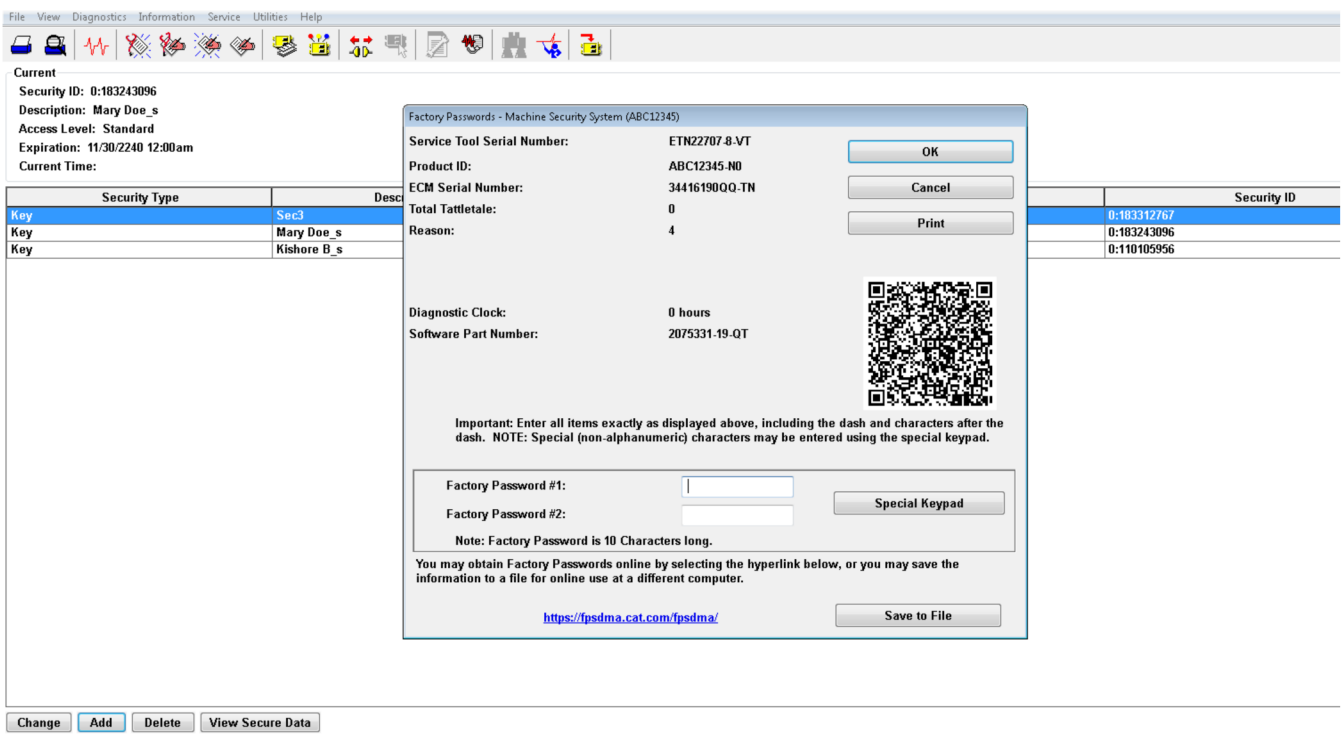


Illustration 47

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Time - Set

SMCS Code: 7631-529

The correct date and time for the Machine Security System must be set. Use the following procedure to set the date and time.

Note: Changing the time on the MSS clock requires a key with the master access level or a factory password.

1. Connect the Cat[®] ET to the service connector via the communication adapter.
2. Place the Master Access Level Key into the key start switch and turn the key to the ON position.
3. Start the Cat[®] ET.
4. Click on the "Connect" icon in the menu bar of the Cat[®] ET.
5. Once the Cat[®] ET has established communications with the MSS3s ECM, select the "ECM date/time" option from the "Service" menu. This selection will cause the Cat ET to display the following screen.

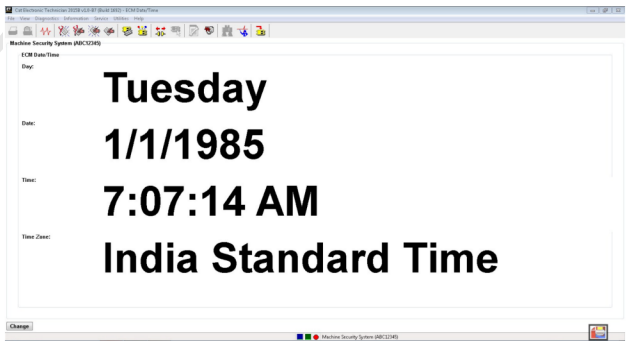


Illustration 48

Date and Time

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6. Press the "Change" button. This button will launch the "Date and Time" dialog box.