

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

Back

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 .

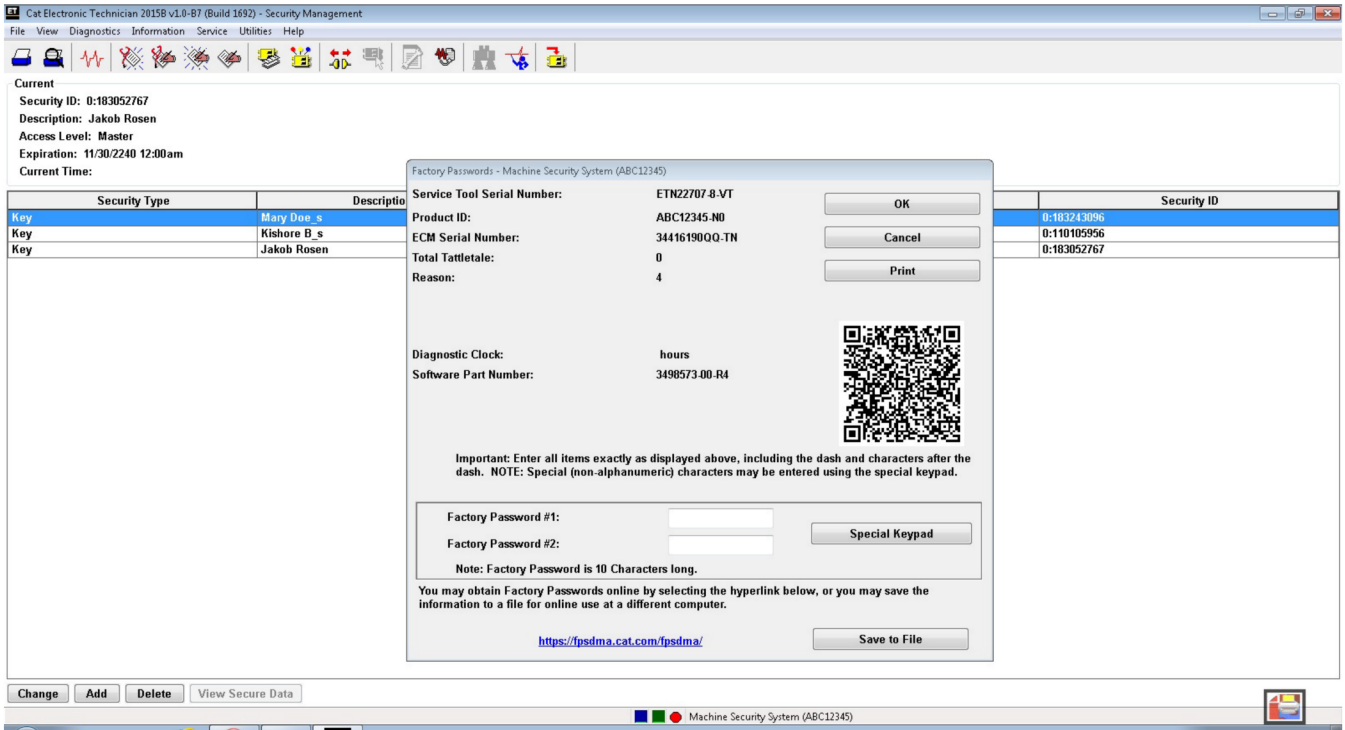


Illustration 43
Factory Password

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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

Back

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		Rerate	
Product Serial Number:	HGH01212	Old Interlock:	n/a
Engine Units:	723.0 Hours	New Interlock:	n/a
Work Order Number:	0201021140	Iron changes upgrade?	n/a
Service Tool Serial Number:	ET000317-2	Ordered emission sticker?	n/a
ECM Serial Number:	2531B001GZ		
Total Tattletale Value:	008		
Reason Code:	99		

Product Owner:		Service Tool Owner:	
Product Owner:		Service Tool Owner:	CAT LMA J0924
Address:	*** Not Available At This Time ***	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	<input type="button" value="OK"/>
Product ID:	ABC12345-N0	<input type="button" value="Cancel"/>
ECM Serial Number:	34416190QQ-TN	<input type="button" value="Print"/>
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:

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/>

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 .

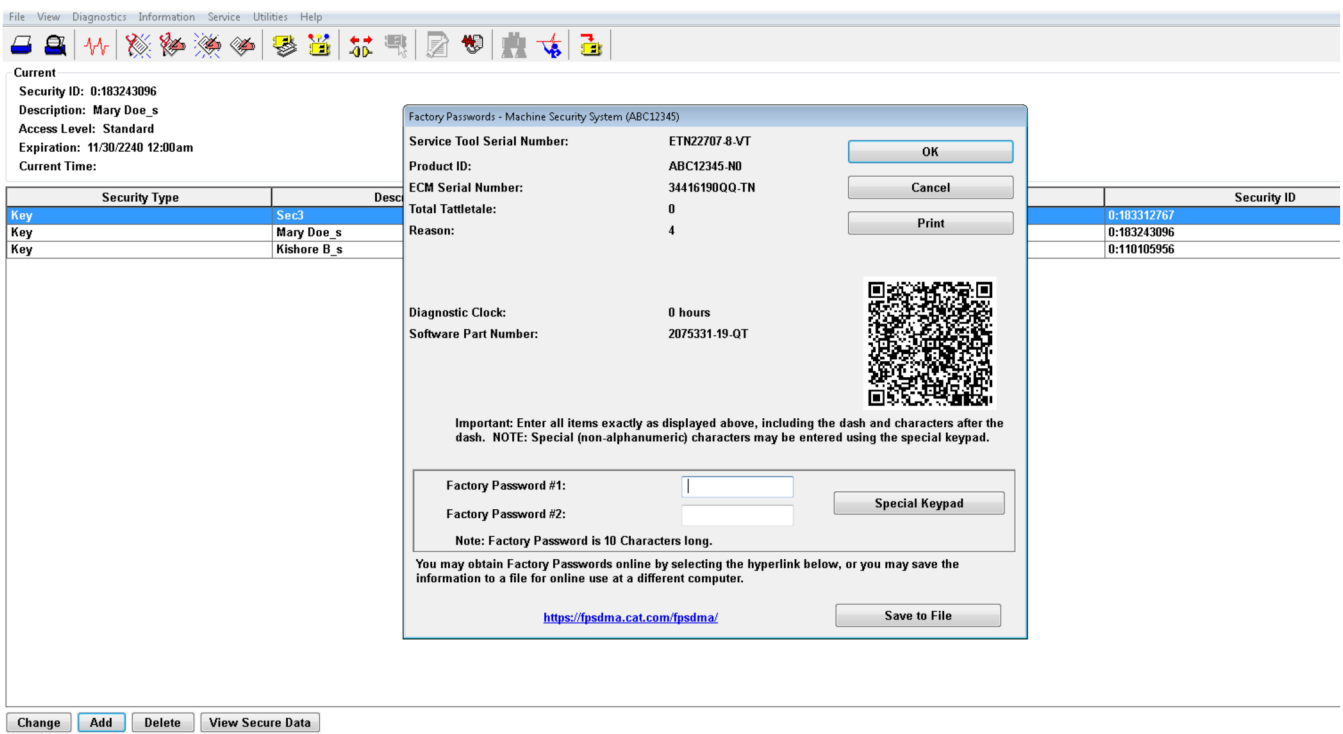


Illustration 47

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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.

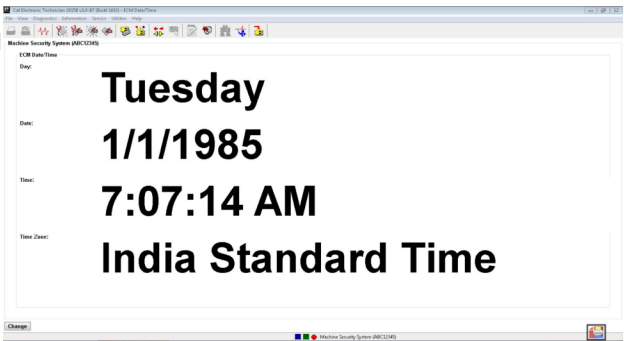


Illustration 48

Date and Time

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