

## 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'.

**Step 2: Select Reason Code**

Product Type:

ECM Type:

Reason Code:

**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'.

4. Enter the following information:

- “Engine Units”

- “Product Serial Number”

## Testing and Adjusting

**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 .

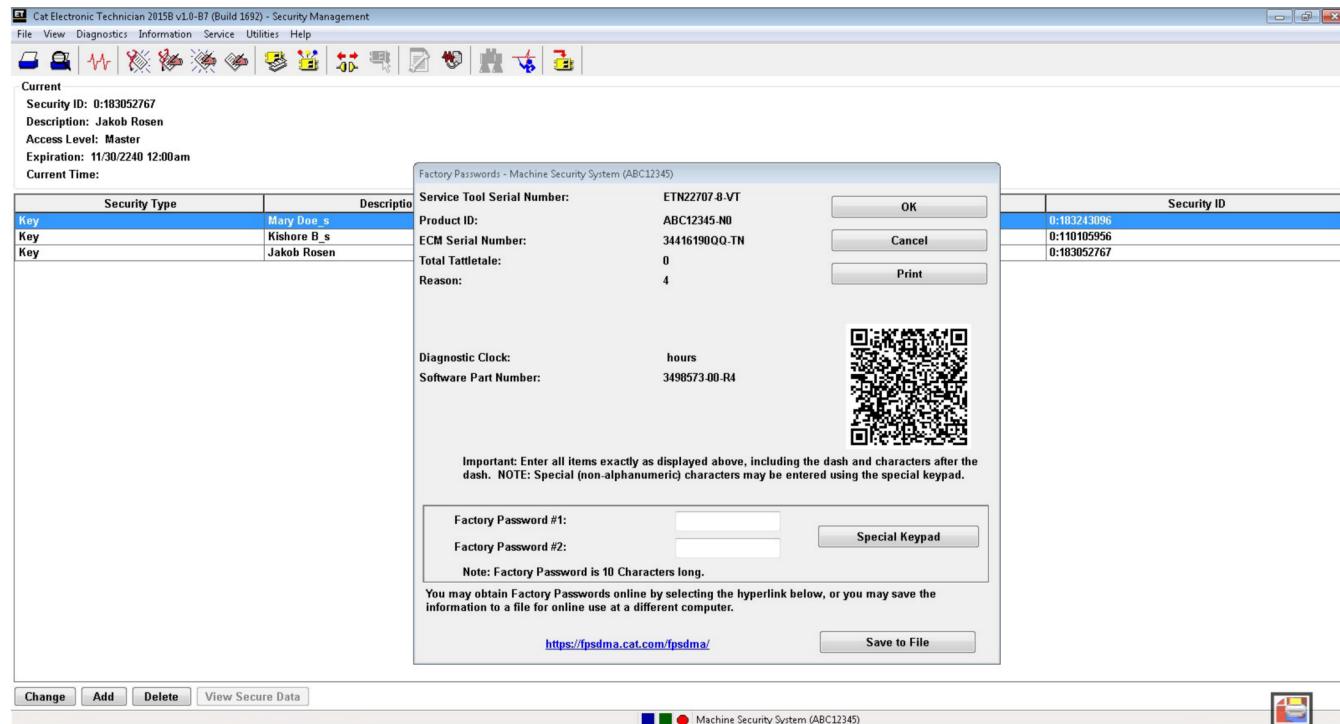


Illustration 43  
Factory Password

g03866234

## 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'.

### Step 2: Select Reason Code

Product Type:

ECM Type:

Reason Code:

### 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'.

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

Product Owner:	Service Tool Owner:
Product Owner:	Service Tool Owner: <b>CAT LMA J0924</b>
Address: <b>*** Not Available At This Time ***</b>	Dealer/Customer Code: <b>2047</b>
	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

g03866310

FPS Password Created confirmation screen

6. Record both of the factory passwords.

Factory Passwords - Machine Security System (ABC12345)

Service Tool Serial Number:	ETN22707-8-VT	OK
Product ID:	ABC12345-N0	Cancel
ECM Serial Number:	34416190QQ-TN	Print
Total Tattletale:	0	
Reason:	4	
Diagnostic Clock: hours		
Software Part Number: 3496573-00-R4		
		
<p>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.</p>		
<input type="text" value="Factory Password #1:"/> <input type="button" value="Special Keypad"/>		Factory Password #2:
<p>Note: Factory Password is 10 Characters long.</p> <p>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.</p>		
<a href="https://fpsdma.cat.com/fpsdma/">https://fpsdma.cat.com/fpsdma/</a>		Save to File

Illustration 46

g03866328

MSS Enter Factory Passwords screen

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

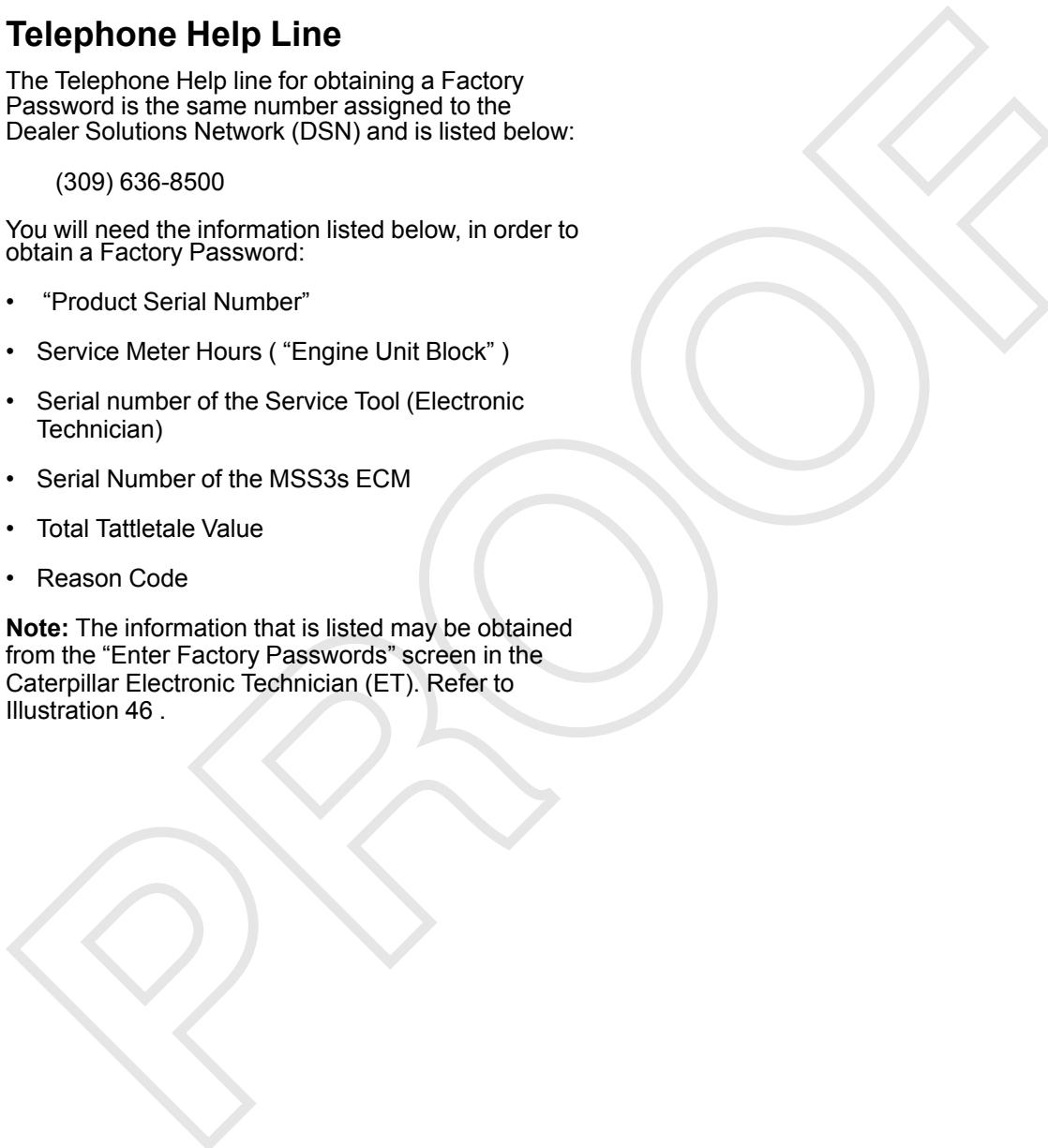
The Telephone Help line for obtaining a Factory Password is the same number assigned to the Dealer Solutions Network (DSN) and is listed below:

(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 .



## Testing and Adjusting

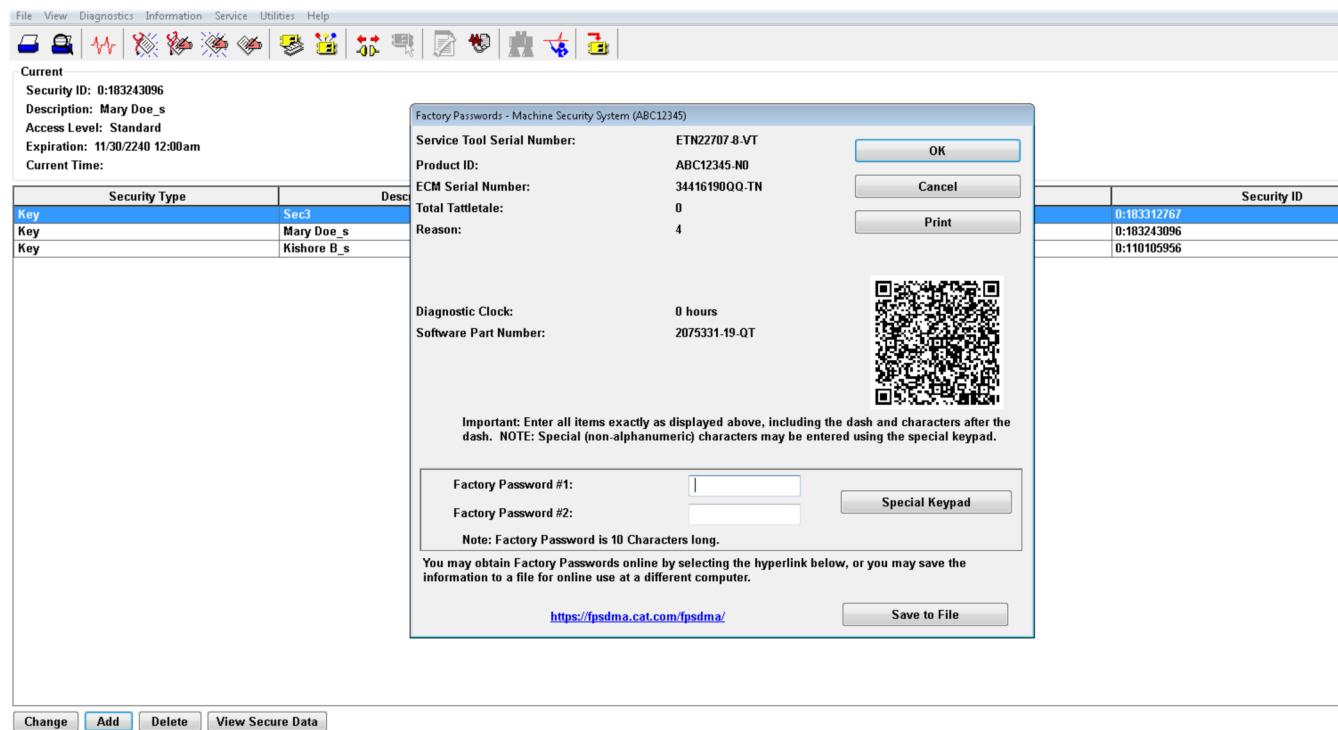


Illustration 47

g03866252

## 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.

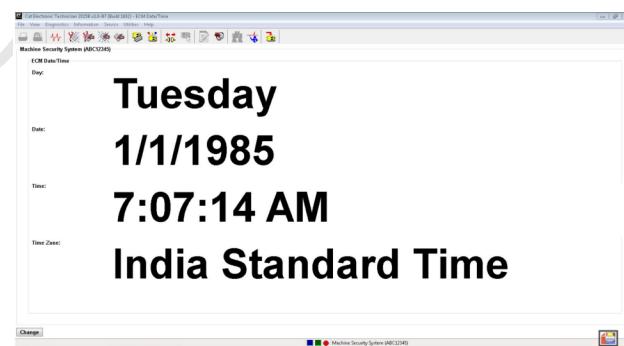


Illustration 48

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Date and Time

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