
Yale

PC Service Tool

Installation and Use Guide

**June 23, 2011
Yale Company**

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Application Login screen

After you have launched the PC Service tool, you are ready to start using the application for service purposes. When you launch the application, the Login screen is displayed as depicted in Figure 2:



Figure 2: Login Screen

1. Enter your user ID and password (this must be previously obtained from a Yale dealer or Yale service organization; click the links on the login page for contact)
2. Select the *Remember Password* checkbox to have the application remember your password for future logins.
3. Click **Login** to proceed.

You will be notified if your password is within five days of expiring.

To be able to access the Truck Configuration or Programming menus, you will need a password that provides permission for higher level access.

Warning: PC Service Tool employs a password validation feature utilizing the current date. Do not launch PC Service Tool with the computer system date set incorrectly. Doing this may prevent you from logging into PC Service Tool.

File menu, continued:

Run

If a 3rd Party (non-programming) application has been loaded via the **Application Configuration** window, you can launch the application from this menu.

To launch the 3rd Party Application, execute the following procedure:

1. Select **File >> Run**.
2. Select the application from the available list. This launches the selected application in the service application window.

Exit

To close the application, select **File >> Exit**.

Task	Action
	<p>or</p> <ul style="list-style-type: none"> • Double-click any item or group on the left. This adds the group or item in the custom data list.
< Remove	<ul style="list-style-type: none"> • Click any item or group on the right and click < Remove to remove that item or group from the strip chart. <p>or</p> <ul style="list-style-type: none"> • Drag any item(s) from the right to the left to remove it from the strip chart. <p>or</p> <ul style="list-style-type: none"> • Double-click any item or group on the right. This deletes the group or item from the strip chart.
Save	<ol style="list-style-type: none"> 1. Click Save. 2. Enter the name for the strip chart in the dialog box. 3. Click OK, to save the strip chart. 4. Click Cancel, to close the Strip Chart dialog box.
Load	<ol style="list-style-type: none"> 1. Select Diagnostics >> Strip Chart. 2. Select the desired custom data list from the drop down menu. 3. Click Load.
Delete	<ol style="list-style-type: none"> 1. Select Diagnostics >> Strip Chart. 2. Select the desired strip chart from the drop down menu. 3. Click Delete.

2. Click **OK**, after selecting the desired data items, to display the strip chart windows, as depicted in Figure 17
3. Click **Cancel** to close the **Strip Chart** window.

No Run Mode

This menu is used to disable truck traction and hydraulics operation and is only applicable to the CANopen truck. It is principally used for sensor diagnosis.

To disable the truck operations:

1. Select **Diagnostics >> No Run Mode**.

With "No Run" selected, if the user clicks disabled feature, a message box is displayed that states "Vehicle is now in No Run Mode", and a status box appears at the top of the screen indicating this mode.

2. Click **OK**, to close the message box.

To enable the truck operations:

1. Select **Diagnostics >> No Run Mode**.

A message box is displayed, "Vehicle is now operational".

2. Click **OK**, to close the message box.

Note: if PCST is closed while a "No Run" mode is in effect, the truck will remain in this mode until the user re-connects and then steps through the No Run enable / disable sequence again.

Databus Viewer

This part of the tool can be used to gather detailed, low level information about the messages / communication being passed on the CAN bus. It is not recommended that this part of the tool be used except in unusual situations, by highly technical users. Construction of the "data request" messages and interpretation of the returned data is complex. This functionality is included only for circumstances where a service engineer may be interacting with a technician. Hence, no further explanation of this feature is provided.

Note: the ER truck uses an iconic system to display operator checklist tasks. The PCST does not generate icons, but does assist in the process of adding to, or replacing icons, allowing truck customization. These added or replacement items can be edited and described in this screen, then saved for later transfer to the truck as part of an overall checklist item editing process.

1. To customize the checklist item description, select the item and type the new description in the text box provided in the **Checklist Item** block. Select **Update** to update the main list.
2. Click **Save To Truck**, to save edited checklist items to the truck.
3. Click **Save To File**, to save checklist items to a file. The filename of the saved file is assigned by default using the truck's serial number, the current date, and the current time.
4. Click **Print**, to print the operator checklist.
5. Click **Close**, to close the Manage Operator Checklist window.

Operator Checklist Settings

Note: This is only applicable for ICE trucks.

To turn the operator check list on or off (shows as "Off-On Mode"):

1. Select **Truck Configuration >> Operator Checklist >> Operator Checklist Settings**. This displays the **Operator Checklist Settings** dialog box, as shown in Figure 31.

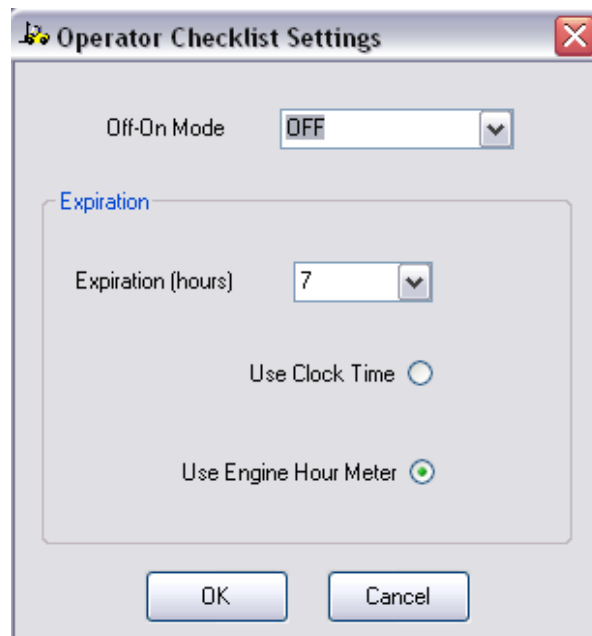


Figure 31: Operator Checklist Settings dialog box

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