

DDDL 7.04 Enhancements

Redford, Feb. 14th 2009 Andrea Rakoczy

Support System Development

Chart Tab under the Instrumentation Work Window

• The prefix to the fault description (for example, MCM or CPC2) shows the module for which the fault is being displayed. You can scroll through the list using the scroll bar to the right of the list.



DETROIT DIESEL



Removing the display of <u>Chart</u> labels

• The labels appear on the chart by default, so the Labels button will be depressed, and the chart will look like this:



• Press Labels to remove the labels from the chart:



NOTE: You can press labels again to redisplay the labels.



Chart Selections

• A number of default files are installed with the software (see the examples in the picture). These files have appropriate selections for charting and analyzing the log files in a variety of situations.

Import a select	ion							? 🗙
Look jn:	🗀 Chart Selectio	ns	*	G	ø	ø	•	
My Recent Documents Desktop	DPF Regenerat	ion.xml stics.xml						
My Documents								
My Computer								
	File <u>n</u> ame:					~		<u>O</u> pen
My Network	Files of type:	XML Files				*		Cancel



Action Drop-down Menu - ATD Maximum Sensor Value Reset

- The ATD Maximum Sensor Value Reset routine allows you to reset the maximum temperature and pressure accumulator's values for the ATD system.
- This routine should be used after successful diagnosis of any DPF temperature or pressure issues.





Action Drop-down Menu - ATD Test Pipe

• The ATD Test Pipe routine allows you to remove the ATD and operate the engine for a controlled amount of time while diagnosing DOC/DPF issues. This routine should be used in conjunction with the ATD Test Pipe.

ATD Test Pipe			? 🗙
<u>S</u> tart	Duration:	30	minutes
<u>S</u> top			
			<u>C</u> lose

- The maximum time you can enter for this routine is 120 minutes (2 hours):
- Press **Start** to disable the DPF and DOC temperature and pressure sensor faults. This allows you to run the engine.
- The routine will be discontinued if you:
 - press Stop;
 - disconnect DDDL/DDRS; or
 - cycle the ignition.



Service Code – HC Doser Purge and Hysteresis Test

- A dialog box will be displayed showing the Engine Serial Number and a Service Code:
- This information must be retained: you can either print it out by pressing **Print** or document the Service Code on your repair order.





Warnings Tab

- To set options controlling how DDDL/DDRS operates:
 - Choose **Options** from the **Tools** menu to display the **Options** dialog box.
- The check boxes on the **Warnings** page are enabled by default.

Options	?×
Fleet Information Display Connection Support Warnings	
You can use these settings to control the warning messages that indicate where an action cannot be performed or can result in lost information. It is recommended that only experienced users skip warnings in this manner.	
Enable All	
Warn that an action will close the current connections	
✓ Warn that an action will close the current log file	
✓ Warn that changing the user interface language will need an application restart	
OK Cancel <u>A</u>	pply



Help Menu – Last Server Connection

- To display information about the version of DDDL/DDRS you are running:
 - Choose About from the Help menu to display the About Detroit Diesel Diagnostic Link or About Detroit Diesel Reprogramming System dialog box:
- Update Information: (NEW)
 - Last Server Connection A date/time stamp and time zone for the last time DDDL/DDRS connected to the Detroit Diesel Server; this time is taken from the computer clock.

About Detroit Diesel Drumroll Er	igineering
Γ	DDDE
Component	Version 🔼
Idle and PTO Shutdown	13
Inputs and Outputs	20
Uptimized Idle	10
Progressive Shirt	12
Speed Limiter	10
Last Server Connection	1/27/2009 12:45:37 PM Eastern Daylight Time
Copyright © 2005-2 Detroit D	1008, Detroit Diesel. All rights reserved. iesel is a Daimler AG company.
distribution of this program, or any portion of it, may maximum extent possible under the law.	spring in law and international reastes, unsumonized reproduction or result in severe civil and criminal penalties, and will be prosecuted to the
	ОК



Evampla

Changed Abbreviations (Actions drop-down menu)

- Set ESN to Set Engine Serial Number
- PLV Change to Pressure Limiting Valve (PLV) Change

	ampie.				
$\left(\right)$	Set ESN	X	Set Engine Serial	Number	? 🗙
	Equipment (ype:	MBE900	Equipment type.	мве4000	
	<u>V</u> IN:	4UZABRDJX8CZ53231	<u>⊻</u> IN:	1FUJGECV18LZ83410	
	ESN (14 characters):	92696150007771	ESN (14 characters):	460975U0897015	
		<u>S</u> et			<u>S</u> et
					<
	<		<		>
		Close			<u>C</u> lose



"Send" Parameter Confirmation Dialog Box

• Enable printing from the "Send" parameter confirmation dialog

Confirm Parameter Send						
Please confirm the parameter changes listed below.						
Parameter	Value	Original Value	Unit			
🖻 💋 CPC2						
🖃 🧔 PGR010 Engine Brake						
Cruise Control Enable Eng Brk	disable	enable automatic				
There is a total of 1 according the same						
Print		ОК	Cancel			



Multiple CBF Files

• The tool will automatically pick the latest .cbf file if there are multiple files present

😂 C:\Detroit Diesel\Drumroll\Application D	About Detroit Diesel Drumroll Engineering	X
Eile Edit View Favorites Tools Help Back 	DDDE	
Name 🔺	Component Version	~
cpc2_R04_03_0024467602_001.cff.bak cpc2_T04_03_00c_2008102004_001.cff CPC02T.1.3.1.cbf CPC02T.1.6.2.cbf cpc02t.ecuinfo J1587ECU.1.15.0.cbf J1939ECU.EcuInfo MCM02T.3.27.5.cbf MCM02T.3.30.10.cbf MCM02T.3.30.11.cbf MCM02T.3.30.11.cbf MCM02T.3.30.11.cbf MCM.2.83.16.cbf MCM.2.83.16.cbf MCM.8_3_0_00_ROM_FIRMWARE.CFF	Supported Devices ACM02T 2.80.41 CPC02T 1.6.2 CPC2 1.19.28 J1587ECU 2.15.0 J1939ECU 1.18.0 MCM 2.83.16 MCM02T 3.30.11 Copyright © 2005-2008, Detroit Diesel. All rights re Detroit Diesel is a Daimler AG company. Warning: This computer program is protected by copyright law and international treaties. Unaut distribution of this program, or any portion of it, may result in severe civil and criminal penalties, maximum extent possible under the law.	eserved. thanized reproduction or , and will be prosecuted to the