

## **Service Bulletin**

Bulletin No. 2006-22

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## Mercury Computer Diagnostic System – Software Release Version 7

## Models Affected

- All Outboards
- All MerCruiser

## Situation

All active Computer Diagnostic Systems should be running Version 7 software. The most current DVD release of software that was shipped to dealerships worldwide (at the beginning of June, 2006) is version 7.26. This was a major release of software for Mercury Marine with many new features, as well as translation into five languages. This major software release is only available for installation from a DVD.

Some of the <u>new</u> features introduced in version 7.26 are as follows:

- Installation routine
- Integrated Service Manual interface
- Information security changes
- Software Translation
- 14-pin Harness Test
- Digital Pressure Meter interface
- Pinpoint Diagnostics for MY 2005 and 2006 Verado
- ECM and PCM Reflash

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 The new installation routine allows those users with username and network restrictions to install the software specific to their needs. A "Yes" selection to auto-logon will allow the PC to automatically log onto Windows as the MCDS user when the system is booted. A selection of "No" will cause the system to request a username and password before entering Windows every time the system is booted.

Mercury Computer Diagnostic System Set	up		×
Computer Auto-Logon Settings			24
Do you want to allow the 'MCDS' user accou	nt to Auto Logon t	o your computer?	,
Yes			
C No			
	< Back	Next >	Cancel
			25482

a. The **MCDS** user password has been changed to **OEDiag#9** for the version 7.26 release.

lercury Computer Diagnostic Sy	stem Setup	1
Warning		24
Installing this software will make th	e following changes to your PC:	
<ol> <li>Create an 'MCDS' user account 2) Prompt you to configure PC to a 3) Customize the Desktop and Po</li> </ol>		<u>×</u>
staliShield		×
	< Back Next >	Cancel
		254

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b. The next selection in the installation process is to allow the Administrator password to be reset to **OEDiag#9** also. If "No" is selected, the Administrator user password will be left alone. Notice the password character structure is complex for those users with installation and network restrictions requiring this security rule.

Reset Ad	Iministrator Password? 🛛 🔀
?	Do you want to allow this Setup program to reset the Administrator password to "OEDiag#9"? If you select "No", SPX Customer Service may not be able to assist you properly with any problems you may experience.
	25484

c. The last selection in the process is for the installation of Service Manuals. Installation of electronic Service Manuals is optional, but recommended.

Question			×
If Se	you select "No", Sel ervice Manuals, You	Setup to install Servic tup WILL remove you I can install them at a selecting "Install Mar	r current version of
nstallShield Wizard			
Select the Service to install.	Manuals you wani nuals nuals nuals nuals	t to install, and clear	the Service Manuals you do not want Description This component includes the English Service Manuals. This will always be installed.
Space Required or Space Available or	anuals n C:	2830357 K 15488876 K	
			k Next > Cancel

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 The integrated Service Manual interface allows users who installed Service Manuals to select from multiple product libraries in order to view them in a portable document format (PDF). The previous interface was HTML-based which required the user to make an engine selection related to the product line of manuals they want to view.

	No Engine Selected
	Implementation         Impleme
Current Engine Manuals	Select the manual you wish to view:
Mercury/Mariner Library	#11 SternDrives - Bravo series (thru 1999) #13 Engines - GM 4 Cyl. (3.0L)
Mercruiser Library	#14 SternDrives - Alpha One Gen II #16 Engines - 454/502 GM V8 #17 Engines - 305/350 GM V8
SmartCraft Library	#18 Engines - 4.3L GM V6 #20 SternDrives - BlackHawk
M2 Jet Drive/SportJet Library	#22 Engines - D2.8L and D4.2L D-Tronic Diesel #22 Supplement - D4.2L D-Tronic 300 Diesel #23 Engines - 454/502 GM V8
Race Outboard Library	#24 Engines - 305/350 GM V8 #24 Supplement - 377 GM V8
Race Sterndrive Library	#25 Engines - 4.3L GM V6 #26 Engines - GM 4 Cyl. (3.0L)
Index Library	View Manual
	Meters
	25485

3. Version 7.26 requires all users to enter their current and full dealer number as well as the last four digits of the phone number registered with Mercury Marine. The sole reason for this change is to keep current and secure information specific to individual dealers and ensure the correct information resides on the system. It will also reduce the amount of time it takes to complete WebSync updates.

IMPORTANT: Version 7 release requires more frequent WebSync activity. You must complete a WebSync every month to avoid the possibility of system shutdown. If the software has not completed a WebSync by day 60 (60 days since the last WebSync), the software will be temporarily disabled from use until a WebSync has been completed.

Dealer Information	
Please enter the deale	not found on server. er number and the last ealer phone number.
Dealer	Number
Last 4 Digits o	f Phone Number
ок	Cancel
	25487

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4. New to this and every Mercury diagnostic tool are translations. Version 7 is viewable in Spanish, French, Italian, German, Swedish and English. To change a viewable or printable language, simply select from the drop-down menus in the Language section of Setup and Utilities.

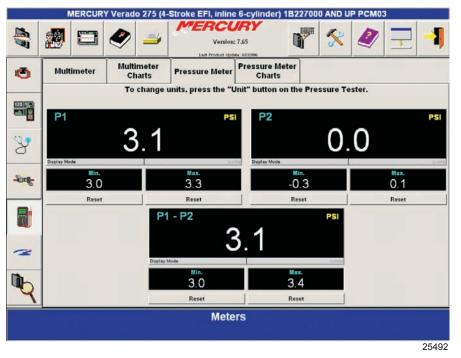
		MERCURY DTS C	ommand Mo	dule (MY	(07) ALL DTS			
		🄊 🚄 🏹	Versionse: 7.6	15	<b>N</b>	2 🛨 📲		
<b>**</b>	Selezione lir Lingua della Italiano Deutsch			Selez Mult	ione indicate imetro disponibile Porta Com CO catore di pression	M4 - Rilevaz		
	LiEnglish Español Français Italiano Svensk			Porta Com COM5 - Combinazione colore				
_	Scelta unità	di misura						
<u>_</u>	Temperatura ° F ° C ° C ° C ° C ° C ° C ° C ° C		∝ in. Hg ⊂ PSI	Aspirazione PRESSIONE Volume ~ in. Hg ~ PSI ~ oz ~ PSI ~ kPa ~ mg				
		Setup and Util	lities (imp	ostazio	oni e utilità)	25488		

5. The 14-pin harness test was developed to shorten the time to rig multiple station vessels and to troubleshoot those vessels that are already rigged. This test, with the proper test cable (Part Number 84-889243A01), will allow the user to test every wire of a 14-pin harness for opens and shorts to verify its integrity.

		TS Command Modu		TS	
	🔊 🖾 🏈 🤳	Version: 7.55 Last Proper: 50006			<b>_</b>
-	DTS CMD Mod Info Harness Test	DTS Handle Adaptation	DTS Vessel Configuration	Gauge Sweep	TrackPad
Ø	Harness test complete. This 14-pin data	1	Configuration		
	Press "Done" to return to the Harness Te	est Setup screen.			
Y					
-64 <u>F</u>					
Υ	Engine		Helm 2		-
2			-		_
	1	Heim 1		Heim	3
2			Done		
	Ca	libration + Sys	tem Info		
					25491

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6. The digital pressure meter (Part Number 91-892651A01) has been integrated into the software similar to the multimeter. Selection of the pressure meter is located in the top-right corner of the Setup and Utilities screen. Use of the pressure meter will be through the Meters icon in the Toolbox or during a Generic Injector Test.



- 7. Additional Pinpoint Diagnostics have been added for this release and will continue to be added to future releases. See the "What's New?" screen for details on what faults have been added.
- 8. ECM and PCM reflash will be slowly rolled out to a limited number of dealers. The capability of reflashing an ECM/PCM rather than replacing it will reduce off-water time for our customers as well as repair time for dealers. The initial rollout for the use of this capability will be very limited through the end of this year, but will grow over the next two years.

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9. Available for download via WebSync is version **7.65**. This version allows users to configure multiple track pads for use on an individual DTS application.

		MERCURY D	TS Command Mo	dule (MY07) ALL [	DTS	
		ا ب	Version: 7.65		5	-
0	DTS CMD Mod In	fo Harness Test	DTS Handle Adaptation	DTS Vessel Configuration	Gauge Sweep	TrackPad
	- F Helm	Select the Helm			e to configure Helm 4	Configure
S.		Address Helm # Quantity	CityID:D2 Helm:1 Qty:1			
-Colt-						
2				in the second se		
	Tota	I number of mod	lules: 1	Restore D	efaults: AI	L
		Ca	libration + Sy	stem Info		
						25493

10. Also added in the **7.65** download is Yacht Handle configuration software for the new Mercury controls that will begin production in the coming months.

			ME	RCURY D	TS Command Mod	ule (MY07	ALL DT	S			
	E C C C C C C C C C C C C C C C C C C C							*	2	-	-1
0	DTS CM	ID Mod Info	Harn	ess Test	DTS Handle Adaptation	DTS Ves Configura		Gauge	Sweep	Trac	kPad
	Lea	ve hand	dle in	Neutra	l Detent						
30						15			4		N.
-Cut-									V		Ŵ
					t Handles in Neutra . Please do not tou					e e	2
							Back		Cancel	Ne	ext
2				Ca	libration + Sy	stem Info	þ				
											25494

There will be additional internet releases that will take place before the end of the year, so frequent WebSyncs will be necessary to keep the software current and take advantage of these free upgrades.

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