



OUTBOARDS SERVICE Bulletin



Suggested Routing:

☐ Service ☐ Sales ☐ Parts

Date: July 30, 2011

No. 2011-05(S)

MODELS: All Evinrude® E-TEC® 15–300 HP outboards, 1999–2001 Evinrude Ficht 75–250 HP outboards, and 2002–2006 Evinrude DI 75–250 HP outboards

SUBJECT: Injector Coefficient Database
Replaces Service Bulletin 2010-07(S)

Dear Evinrude/Johnson® Dealers:

This communication is to inform Evinrude and Johnson dealers of a change to the procedure of obtaining injector coefficient files.

Dealers can now download the coefficient files for new service fuel injectors from a database available on the internet.

SERVICE FUEL INJECTOR KITS

A change will be made to the following service fuel injector kits. This change:

- Removes the disk containing the coefficient files from the service fuel injector kits.
- Adds a "Checksum" (CS) number to the injector serial number label.

A service fuel injector MUST have a serial number and a checksum number on the serial number label to download coefficient files from the internet.

Coefficient files are NOT available on the internet for fuel injector kits that include a coefficient disk.

For assistance with coefficient file disks in the U.S. and Canada call 1-800-888-4662.

Dealers outside of North America should contact their regional office.

Evinrude E-TEC Models		
Kit P/N	Year	HP/Models
5007894	2009 & newer	15 – 30 HP Inline
5006220	2004 – 2007	40 – 90 HP Inline
5008826	2008 & newer	40 – 90 HP Inline (Includes 55 MFE)
5007042 5007043	2007	115 – 200 HP 60° V4/V6 (C, R, Suffix)
5007179 5007180	2007	150 – 200 HP 60° V6 (F Suffix)
5007764 5007765	2008 & newer	115 – 200 HP 60° V4/V6
5006221 5006222	2005 – 2007	200 – 250 HP 90° V6 (3.3 L)
5007764 5007765	2008 & newer	200 – 300 HP 90° V6 (3.3 L and 3.4 L)

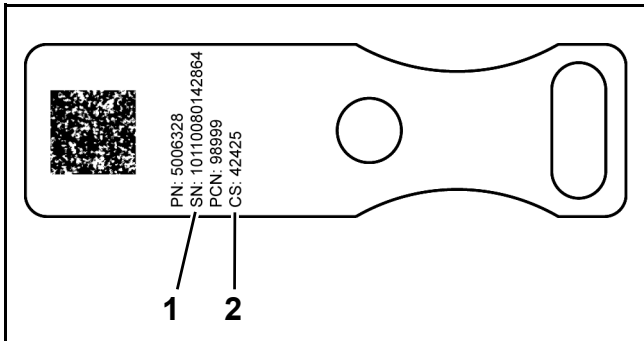
Evinrude DI Models		
Kit P/N	Year	HP/Models
5004478	1999	90–115 HP 60° V4 (C, N Suffix)
		150–175 HP 60° V6 (A, C, N Suffix)
5004479	1999 – 2000	150–175 HP 60° V6 (O, V Suffix)
5005195	2000 – 2006	75–175 HP 60° V4/V6
5004475 5004476	1999	200 – 225 HP 90° V6 (N, O Suffix)
5004443 5004444	2000	200 – 250 HP 90° V6
5005196 5005197	2001 – 2005	200 – 250 HP 90° V6



PROCEDURE

Injector Information

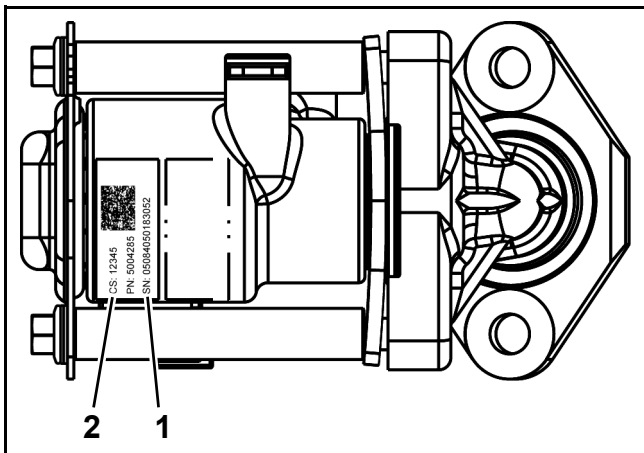
Evinrude E-TEC Models: Refer to the serial number label attached to the fuel injector electrical connector.



1. Serial number
2. Checksum number

008318

Evinrude DI Models: Refer to the serial number label etched on the fuel injector housing.



1. Serial number
2. Checksum number

008339

ACCURATELY record the 14-digit Serial Number (SN) and the 5-digit Checksum (CS) number from the injector serial number label.

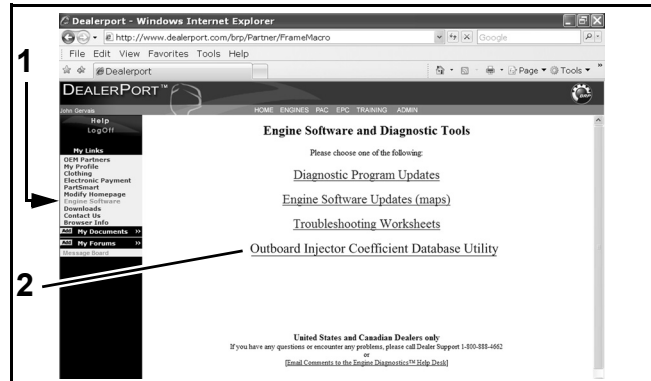
Record Injector Serial Number Below:													
Record Injector Checksum:													

IMPORTANT: Mistakes recording the serial number or checksum can result in downloading the incorrect coefficient file.

Download Coefficient Files

DealerPort Users

Log onto *DealerPort*. Select the “Engine Software” link. Select the “Outboard Injector Coefficient Database Utility” link.

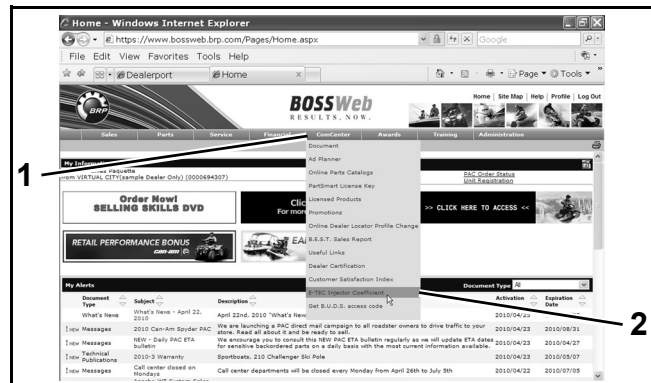


1. “Engine Software” link
2. “Outboard Injector Coefficient Database Utility” link

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BossWeb Users

Log onto *BossWeb*. Select the “ComCenter” drop-down menu. Select the “E-TEC Injector Coefficient” link.

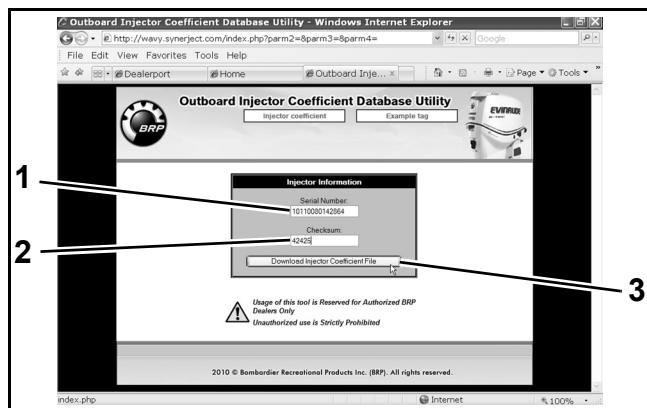


1. “ComCenter” dropdown menu
2. “E-TEC Injector Coefficient” link

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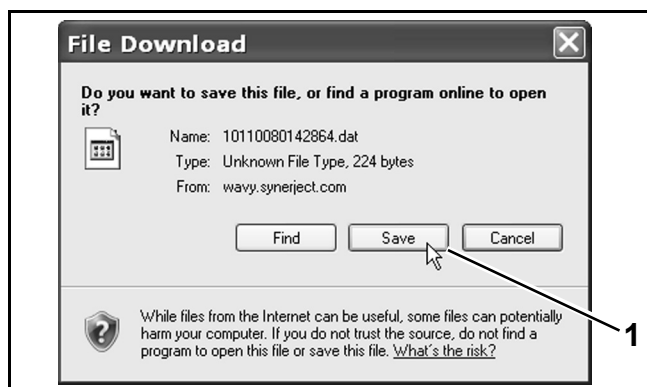
All Users

- 1) Enter the fuel injector 14-digit serial number in the "Serial Number" box.
- 2) Enter the fuel injector 5-digit checksum number in the "Checksum" box.
- 3) Select the "Download Injector Coefficient File" button.



1. "Serial Number" box
2. "Checksum" box
3. "Download Injector Coefficient File" button

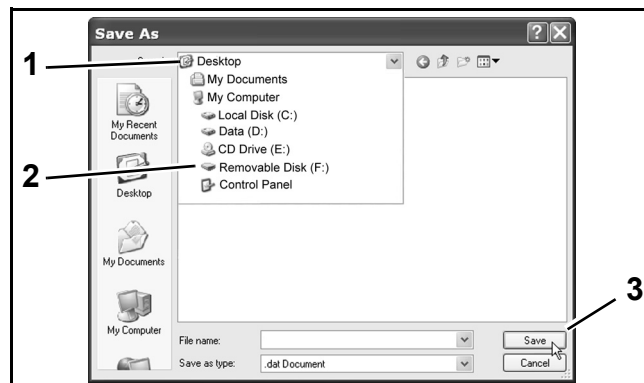
- 4) When the "File Download" box appears, select the "Save" button.



1. "Save" button

- 5) Save the file to a known location on the computer. A removable storage device may be used to transfer coefficient files to a service laptop if it is not internet capable.

- 6) Select the "Save" button to save the file to this location.



1. Local disk
2. Removable disk
3. "Save" button

Repeat steps 1 through 6 to download multiple coefficient files.

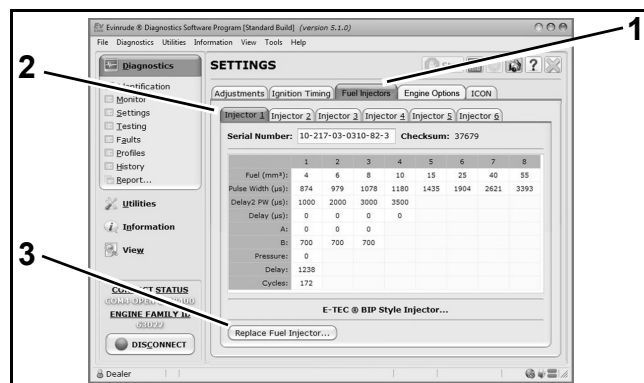
NOTICE All injectors must be installed in the correct cylinder by serial number. Improper injector installation can result in powerhead failure.

Upload Coefficient Files to EMM

Use the *Evinrude Diagnostics* software "Settings" screen to upload the coefficient file(s) to the EMM. Select the "Fuel Injectors" tab.

Select the cylinder tab for injector being replaced.

Select the "Replace Fuel Injector" button.



1. "Fuel Injectors" tab
2. "Cylinder" tabs
3. "Replace Fuel Injector" button

Use the drop down menu to navigate to the saved coefficient file location. The coefficient file name matches the serial number of the service fuel injector.

Select the correct file for the service fuel injector.

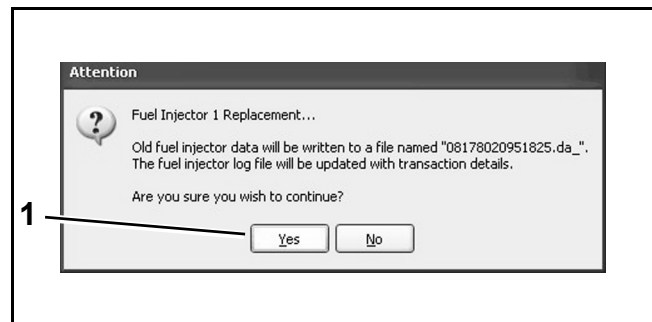
The screenshot shows the 'Fuel Injector Replacement' application window. At the top, it displays the title bar 'CyberLink Fuel Injector Replacement [Existing Fuel Injector: 2021703010823]'. Below the title bar is a section titled 'Directory List:' which contains a search box with the text 'PDS_Data' and a magnifying glass icon.

Below the directory list is a section titled 'Fuel Injector Data Files:'. This section contains a table with four columns: 'Name', 'Size', 'Item type', and 'Date modified'. The table lists several files, with the last file, '10189010582825.dat', highlighted in grey. A red arrow points from the number '1' to the first column header 'Name'. Another red arrow points from the number '2' to the last row of the table.

Name	Size	Item type	Date modified
☐ 0000000000000000.da_	136 bytes	DA_File	10/7/2010 11:33 PM
☐ 06279020566780.da_	32 bytes	DA_File	9/13/2010 4:29 PM
☐ 06279020741780.da_	32 bytes	DA_File	9/13/2010 4:29 PM
☐ 06279050832780.da_	32 bytes	DA_File	9/13/2010 4:29 PM
☐ 09278080473866.dat	168 bytes	DAT File	9/13/2010 3:36 PM
☐ 09278080505863.dat	168 bytes	DA_File	9/13/2010 3:54 PM
☐ 09278080505863.dat	168 bytes	DAT File	7/22/2010 9:52 AM
☐ 10179050726829.da_	128 bytes	DA_File	10/9/2010 4:36 AM
☐ 10179050726829.dat	160 bytes	DAT File	7/21/2010 4:09 PM
☒ 10189010582825.dat	160 bytes	DAT File	7/21/2010 4:09 PM

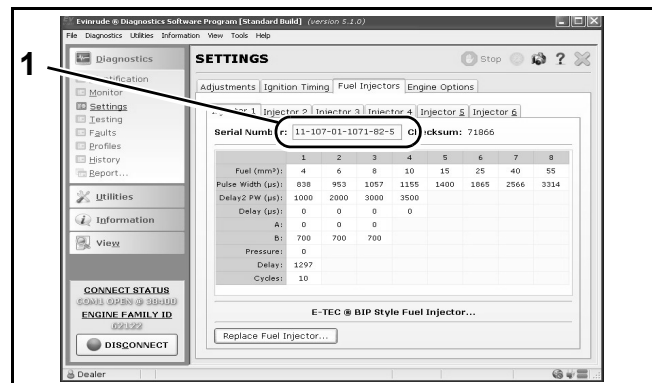
At the bottom of the application window are four buttons: 'Fuel Injector Info...', 'Clone Fuel Injector File', 'Replace Fuel Injector', and 'Close'.

An injector replacement “Attention” window will appear. Select the “Yes” button to confirm injector replacement.



After the upload is complete, the program will return to the “Cylinder” tab.

Confirm the serial number displayed on the cylinder tab matches the serial number printed on the serial number label of the service fuel injector.



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