

ICON DATALINK DIAGNOSTIC TOOL KIT – P/N 766690, INSTALLATION INSTRUCTIONS

APPLICATION

Use this instruction sheet when installing the *ICON* Datalink Diagnostic Tool Kit, P/N 766690, to *ICON* systems on *Evinrude[®] E-TEC[®]* outboards.

SAFETY INFORMATION

The following symbols and/or signal words may be used in this document:

A DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

A WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury

Indicates a hazardous situation which, if not avoided, could result in minor or moderate personal injury.

NOTICE Indicates an instruction which, if not followed, could severely damage engine components or other property.

These safety alert signal words mean:

ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

For safety reasons, this kit must be installed by an authorized *Evinrude/Johnson*[®] dealer. This instruction sheet is not a substitute for work experience. Additional helpful information may be found in other service literature.

DO NOT perform any work until you have read and understood these instructions completely.

Torque wrench tightening specifications must strictly be adhered to.

Should removal of any locking fastener (lock tabs, locknuts, or patch screws) be required, always replace with a new one.

When replacement parts are required, use *Evinrude/Johnson Genuine Parts* or parts with equivalent characteristics, including type, strength and material. Use of substandard parts could result in injury or product malfunction.

Always wear EYE PROTECTION AND APPROPRIATE GLOVES when using power tools.

Unless otherwise specified, engine must be OFF (not running) when performing this work.

Always be aware of parts that can move, such as flywheels, propellers, etc.

Some components may be HOT. Always wait for engine to cool down before performing work.

If you use procedures or service tools that are not recommended in this instruction sheet, YOU ALONE must decide if your actions might injure people or damage the outboard.

This instruction sheet may be translated into other languages. In the event of any discrepancy, the English version shall prevail.

TO THE INSTALLER: Give this sheet and the operating instructions to the owner. Advise the owner of any special operation or maintenance information contained in the instructions.

TO THE OWNER: Save these instructions in your owner's kit. This sheet contains information important for the use and maintenance of your engine.

Printed in the United States.

© 2012 BRP US Inc. All rights reserved.

TM, ® and the BRP logo are registered trademarks of Bombardier Recreational Products Inc. or its affiliates.



ICON DATALINK DIAGNOSTIC TOOL KIT

Use the *ICON* Datalink Diagnostic Tool Kit to assist with *ICON* system troubleshooting.



Ref	P/N	Name of Part	Qty
-	766690	DATALINK DIAGNOSTIC TOOL KIT	1
1	766692	*USB-to-CAN Interface device	1
2	766691	*CABLE, Network Adapter	1
NS	766693	*INSTRUCTION SHEET	1

ICON Datalink supports the following *ICON* system components:

- Single Binnacle Remote Controls
- Dual Binnacle Remote Controls (2 to 5 outboards)
- Concealed Side Mount Remote Controls
- ESM's (Electronic Shift Modules)
- Gateway Modules
- Start/Stop Switches
- Trim Switches

ICON Datalink Program Installation

IMPORTANT: Charge the battery which supplies power to the *ICON* system before using Datalink Diagnostic Tool Kit.

Install the *ICON* Datalink program then restart the computer to complete the installation process. A program shortcut will be placed on the desktop. Complete the installation process prior to connecting the USB-to-CAN interface device.

The *ICON* Datalink program may be periodically updated. Always use the latest version of the program.

DealerPort users:

- Log on to www.dealerport.com.
- Select the "PAC" link.
- From the next page, on the left side, select the "*ICON* Datalink Diagnostic Program" download.
- Download the *ICON* Datalink installer Datalink BRP ICON RevXX Install.exe to a known location on the computer.



- Iccation
- Open the **Datalink BRP ICON Rev11** Install.exe file, follow the on-screen instructions.

BOSSWeb users:

- Log on to www.bossweb.brp.com
- Open the "ComCenter" drop down menu.
- Select Document
- Enter the word "Datalink" in the keyword search.
- Select the "ICON Datalink Diagnostic Program" download.



1. ICON Datalink Diagnostic Program download file 008910 location

- Download the *ICON* Datalink installer **Datalink BRP ICON RevXX Install.exe** to a known location on the computer.
- Open the **Datalink BRP ICON RevXX Install.exe** file, follow the on-screen instructions.

ICON Datalink Hardware Installation

- Install the network adapter cable to the USB-to-CAN interface.
- Start the computer, connect the USB-to-CAN interface to a USB port.

IMPORTANT: Use the same USB port each time the USB-to-CAN interface is connected.

• The "Found New Hardware Wizard" dialog window will display. Select the option "No, not this time", then select Next.



"Found New Hardware Wizard" dialog window

 From the following screen, select the option to "Install the software automatically (Recommended)", then select Next.

Found New Hardware Wizard
This wizard helps you install software for: VCI3 USB-to-CAN compact
<u> </u>

008883

- Continue to follow the on-screen instructions.
- Install the adapter cable to a 6-port hub on the ICON system.
- Turn the ICON system ON.

ICON Datalink Access Code

An access code is required to use the program.

Open the Datalink shortcut icon on the desktop to start the program.



Shortcut Icon

008884

The "Workspace" window will appear and display the icons for each supported component.

GATALERS 7.0.3	
the term Cantrol Hodden South Window term	
Com loan Lon fait all loan	
WorkSpace	
 14 bit bardetest I and Control Hast I and Control Hast	1

1. Workspace window

008885

Components marked with a Red "X" are recognized by the program but are NOT communicating with the ICON system.



1. Workspace window 2. Components with red "X"

Verify the system connections for components marked with a Red "X". Inspect for loose, connectors, bent connector pins, or physical damage to cables.

Double-click any icon for any component to view the "Access Privileges" window.

Identify and record the Hardware Number.



2. Hardware number

E-mail the Hardware Number to After Sales Support at bmca.techsvc@brp.com. Use the words "ICON Datalink Access Code" in the subject line of the e-mail. Request an access code for the program. The return e-mail will be sent within one business day.

Record the code from the e-mail. Use the computer keyboard to enter the code in the "Code" entry window.

IMPORTANT: Do NOT copy and paste the code from the e-mail to the "Code" entry window.



Select Add, then select OK. The access code will automatically be saved.

The program will now display the "Workspace" window.

Workspace Window

Use the Workspace window to select the components for the ICON system.



Select a component from the Workspace window. The program will open the Faults page.

0 DATAL 895 7.0.3	E 6 8
En per Central Marketa (ant. Marker 1988) Denn Tanan (Series) (Series) (Series) Denn (Series) (Series) (Series)	
WorkSpace	
Image: Standards Imag	
1 List of components	00000
	00000

Faults Page

Use this page to display information about Active and Occurred faults.

Cride																-
1010	Status	Court	Cycle Court	Cycle Time	Engine Hours	Vbelt	SYNC	NTW-P	NTW-S	THP	THE	GP-P	GR-S	Cycle Court Lest	Current Cycle	10
2021	Occured	6	87	2.939s	n/a	13.97	No	No	No	8	0	N	N	74	170	A

Faults Page

Select the Dashboard tab to display the Dashboard page.

ppen Des	Less Poord	Deal yours	Update	@mature -	Connel Haat								
Summery Code Stellu	e Court	Cycle Court	Cycle Time	Engine Hours	Veat Synk	NTWP	NTW-S	THP T	HS GRIP	GR-S	Cycle Courf Lest	Current Cycle	De
UID Occu	red 10 red 6	11 17	214 6524	103H3GH15H	13.9V No	No	No	0 0	14	N	74	170	Au

1. Dashboard tab

008889

Dashboard Page

Use this page to view inputs and outputs for remote control, start/stop, and trim switch functions.

Newsonian Part Landary Part La	Deen libeli 1em Jeen nuits Deshboard	Beat	C Update	Corent Head						
Desk Number (F4497) Stender Varison Single Tg Muard Cardinal Head Description Single Tg Muard Cardinal Head Stender Varison Single Tg Muard Cardinal Head The databased States and Facility of States Single Tg Muard Cardinal Head The databased States and Facility of States Single Tg Muard Cardinal Head Batterin Facility The databased States and Facility of States Part Ten Conservation Single Tg Muard Cardinal Head States States States States Single Tg Muard Cardinal Head States States States States Single Tg Muard Cardinal Head States States States Single States States States Single States States States Single States States States Single States State	Information			Configuration						
Bolineary Version Decreption Op/021 Filed (C) 1491 Filed	Part Number 764909			Station Protect Inactive .						
Operating bench Single Tay Muturi Control Head Bernit Handler DE10 100000 Headback DE10 100000 Headback DE10 100000 Headback Second Bill Lobres, spore the Head of Indicators the Head of Lobres is a second backetor. Bendres Second Bill Lobres, spore the Head of Indicators the Head of Lobres is a second backetor. Bendres Second Bill Lobres, spore the Head of Indicators the Head of Lobres is a second backetor. Point Tim Lobres Second Bill Head Distributions and Addicators. Point Tim Lobres Second Bill Head Distributions and Addicators. Point Tim Lobres Second Bill Head Distributions and Addicators. Bendres of Tim Lobres. Second Bill Head Distributions and Addicators. Bendres of Tim Lobres. Second Bill Head Distributions and Addicators. Bendres of Tim Lobres. Second Bill Head Distributions and Addicators. Bendres of Tim Lobres. Second Bill Head Distributions and Addicators. Bendres of Tim Lobres. Second Bill Head Distributions and Addicators. Bendres of Tim Lobres. Second Bill Head Distributions and Addicators. Bendres of Tim Lobres. Second Bill Head Distributions and Addicators. Bendres Head Lobres.	Software Version	SW0211Fies	4	- Control Store State						
Band Hunde DC-161110003 Inspirate State States of the bands, such base and indicators file and the set of an	Description	Single Top I	Mount Control Head							
Second Second<	Serial Number	BC14011000	103	6						
Butwas Start Dag Sutches Tim Module Subble Modules Per Tim Lip Butun Start Davids Transport Tim Down Engines Start Lip Down Per Tim Lip Butun Start Davids Transport Tim Down Engines Start Davids Lip Down Betridsouth Tim Lip Butun Start Davids Transport Tim Down Engines Per Diffield Lip Betridsouth Tim Lip Butun Start Davids Transport Tim Down Engines Per Diffield Lip Betridsouth Tim Lip Butun Start Davids Transport Tim Down Engines Per Diffield Lip Betridsouth Tim Lip Butun Start Davids Transport Tim Down Engines Per Diffield Lip Per Construct Start Davids Transport Tim Down Engines Start Davids Lip Start Davids Lip Per Construct Start Davids Transport Tim Lip Engine Start Davids Lip Start Davids Lip Per Construct Start Davids Transport Tim Lip Engine Start Davids Lip Start Davids Lip PEM Minus Butus Start Davids Transport Tim Lip Engine Tim Modulas Lip Start Davids Lip PEM Minus Butus Start Davids Transport Tim Lip Engine 4 Tim Modu	This dashboard sho connected to has les	es all the buttor a than 5 angine	is, switches and indicators that w is, ignore the status of irrelevant.	ould be found on a 5 engine inst buffons and indicators	relation. If the ICON system you are					
Park Time Up Balan State Extra Estimate Time Down Extra Estimate Park Time Up Balan State Estimate Park Time Down Extra Estimate Park Est	Duttons		Start Stop Switches	Trim Module Switches	Indicators					
Puch Time Down Baken Start Steller, Ergenz Z Time Down Engine Z Port Fine UED Start Start Time Down Baken Start Steller, Ergenz Z Time Down Engine Z Port Start Steller, Ergenz Z Start Start Time Down Baken Start Start Start, Ergenz Z Time Down Engine Z Port Start Start, Ergenz Z Start Start Time Down Baken Start Start, Ergenz Z Time Down Engine Z Start Start, Ergenz Z Start Start Time Down Start, Baken Engine Z Time Use Start, Ergenz Z Time Use Start, Ergenz Z Start Start, Ergenz Z Start Start Start, Ergenz Z Time Use Start, Ergenz Z Time Use Start, Ergenz Z Time Use Start, Ergenz Z PRM Miss Baken Start Start, Ergenz Z Time Use Start, Z Time Use Start, Z PRM Miss Baken Start Start, Ergenz Z Time Use Start, Z Time Use Start, Z Start Start, Ergenz Z Time Use Start, Z Time Use Start, Z Time Use Start, Z Start Start, Ergenz Z Time Use Start, Z Time Use Start, Z Time Use Start, Z	Port Trim Up Button		Start Switch Engine 0	Tem Down Engine 0 🔘	SyncLED					
Stellard Tim Ug Bulker Stell Select Eggs 2 Tim Dave Eggs 2 Period Select Hard Stellard Tim Dave Bulker Stell Select Eggs 2 Tim Dave Eggs 2 Period Select Hard Stellard Tim Dave Eggs 2 Tim Dave Eggs 2 Period Select Hard Dave Select Eggs 2 Stellard Tim Dave Eggs 4 Stellard Eggs 4 Tim Dave Eggs 4 Stellard Eggs 2 Stellard Tim Dave Eggs 4 Stellard Eggs 4 Stellard Eggs 4 Stellard Eggs 4 Stellard Tim Dave Eggs 4 Stellard Eggs 4 Stellard Eggs 4 Stellard Eggs 4 Stellard Eggs 4 Tim Ug Eggs 4 Stellard Eggs 4 Stellard Eggs 4 Stellard Eggs 4 Tim Ug Eggs 4 Tim Ug Eggs 4 Tim Ug Eggs 4 Stellard Eggs 4 Tim Ug Eggs 4 Tim Ug Eggs 4 Tim Ug Eggs 4	Port Tim Down But	e 9	Start Switch Engine 1 🔾	Tem Down Engine 1 (_)	PortFwdLED					
Bathclad Tim Dawn Bathon Engrag 4 Tim Down Engrag 4 Peet Rev (LD Den (or Singe) TIV Bathon Bath Engrag 4 Tim Down Engrag 4 Statober Piet LD Behold IIV Bathon Stato Bathon Engrag 4 Tim Down Engrag 4 Statober Piet LD Behold IIV Bathon Stato Bathon Engrag 4 Tim Up Engrag 1 Bathon Piet Piet LD Syste Bathon Stato Bathon Engrag 4 Tim Up Engrag 1 Bathone Piet LD Piet Piet LD FRM Miss Bathon Stop Bathot Engrag 4 Tim Up Engrag 1 Tim Ubdata LED 1 Piet Piet LD FRM Miss Bathon Stop Bathot Engrag 4 Tim Up Engrag 1 Tim Ubdata LED 1 Piet Piet LD Stop Bathot Engrag 4 Tim Up Engrag 4 Tim Up Engrag 3 Tim Modata LED 3 Piet Miss 2	Sterboerd Trim Up I	luttice C	Start Switch Engine 2 ()	Trim Down Engine 2	Port (cr Single) Neutral LED	•				
Part (in Section 1) State State(Engres 4) Tim Loss Engres 4) State State(Engres 4) State State(Engres 4) State State(Engres 4) Tim Loss Engres 4) State State(Engres 4) Syste State State State(Engres 4) Tim Loss Engres 4) State State(Engres 4) Syste State State State(Engres 4) Tim Loss Engres 4) State(Engres 4) Syste State State(Engres 4) Tim Loss Engres 4) Tim Loss Engres 4) State(Engres 4) State(Engres 4) Tim Loss Engres 4) Tim Loss Engres 4)	Starboard Trim Dov	n Dutton _	Disri Switch Engine 3	Trim Down Engine 3	Port Rev LED					
Stellbold (11Y) Selfue Stellbold (11Y) Selfue<	Port (or Single) NTV	Dutton O	Slari Switch Engine 4	Trim Down Engine 4	Sterboard Pwd LED					
Op/EDMAN Disp Swelt Engrey 10 Tim Up Expert Disp Swelt Engrey 20 Tim Up Expert Tim Up Expert Tim Up Expert Tim Up Expert Disp Swelt Engrey 20 Tim Up Expert Tim Up Expert <t< td=""><td>Starboard NTW But</td><td>ion of</td><td>Ship Switch Engine 0</td><td>Tim Up Engine 0</td><td>Starboard Neutral LED</td><td></td></t<>	Starboard NTW But	ion of	Ship Switch Engine 0	Tim Up Engine 0	Starboard Neutral LED					
PPM This builds Dop Switch Engine 2 Imm \GD Sages This GPL Ages Solar Device Toppie 2 This GPL Ages Solar Device Toppie 4 Tren \GD Sages This GPL Ages The Module LED 3	Styles shared in		shop sweep Engele 1	Tim up cogne 1	Sterboard Harvier					
Stop Selfch Engine 4 O Trim Up Engine 4 O Trim Modelle LED 3 O	Difference Durine		Shop Same Engine 2	Trend to Engine 2	The block in (ED)					
The sector and a sector of the	Parka Manara Domon		Stop Switch Engine 3	Tim Up Engre J	Tim Module LED 2					
	FiFM Minus Button		Stop Switch Engine 3 Stop Switch Engine 4	Trm Up Engine 3 O Trm Up Engine 4 O	Trim Module LED 2 Trim Module LED 3					
	Dows	CANY	ohege	13.9						

Dashboard Page

008890