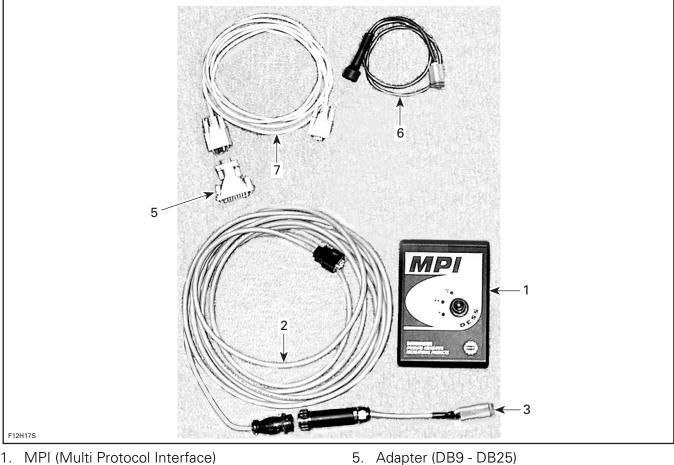


VEHICLE COMMUNICATION KIT (VCK) (P/N 529 035 844)

PARTS DELIVERED IN THE KIT



6. D.E.S.S.[™] Adapter 7. Communication Cable

- 1. MPI (Multi Protocol Interface)
- 2. Diagnostic Cable 7.6 m (25 ft)
- 3. 6-Pin Adapter
- 4. B.U.D.S.™ Installation CD (Bombardier Utility and Diagnostic Software), (not illustrated)

Also required 4 "AA" type batteries (not supplied).

MINIMUM SYSTEM REQUIREMENTS

To install B.U.D.S. (Bombardier Utility and Diagnostic Software) you need:

- 80486 processor or higher (Pentium recommended).
- Microsoft Windows 95/98, NT 4.0, ME, XP or Windows 2000.
- 4 Mb of RAM (16 Mb (or higher) recommended).
- 10 Mb of hard disk space (compact).
- CD ROM disk drive.
- VGA or higher resolution display (SVGA).
- Mouse or other pointing device.
- One unused serial port.

NOTE: B.U.D.S. does not work with Windows 3.x.

SOFTWARE INSTALLATION

B.U.D.S. is delivered with an interactive software installer which guides you through the installation process.

To install the software, insert the CD-ROM disc into the CD-ROM drive and wait untill the installation starts.

If the installer does not start automatically, then choose **Run** from the Windows **Start** menu and type d:\setup.exe, where "d" is the letter of your CD-ROM drive①, or use the *Explorer* to locate and double-click on setup.exe.

Follow on-screen instructions paying attention to these particular boxes.

NOTE: The first name entered at installation will be given the control to manage all future persons entering the software. He will give rights to other persons to enter the software or revoke the rights to use it. Nobody can use the software until the first user (the master technician) gives him the right to use the software.

Administrator Information	n 🔀
-	Enter the administrator username, first name and last name.
	Username: Cool nickname easy to remember
	First Name: Real first name here
	Last Name: Real last name here
	< <u>B</u> ack <u>N</u> ext > Cancel
F12B08A	

When entering the requested password, it is important to remember it since it is the only one available when running B.U.D.S. for the first time. If lost, you will have to re-install the software.

If you have enough hard disk space, we recommend to select the **Typical** option. This will install all components of the software. Otherwise, select **Custom** to choose the desired components.

Setup Type		X	
	Click the type	of Setup you prefer, then click Next.	
	• Typical	Program will be installed with the most common options. Recommended for most users.	
	O <u>C</u> ompact	Program will be installed with minimum required options.	
	C C <u>u</u> stom	You may choose the options you want to install. Recommended for advanced users.	
		< <u>B</u> ack <u>N</u> ext> Cancel	
F12B09A			

①May vary depending on the computer configuration.

We recommend using the default program folder **Bombardier** to ease future support you may require.

Select Program Folder	×
	Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing Folders list. Click Next to continue.
	Program Folders:
	Bombardier Existing Folders:
	Adaptec Easy CD Creator Bombardier Norton AntiVirus Corporate Edition
	Startup
25.09	
	< <u>B</u> ack <u>N</u> ext > Cancel
F12B0AA	

USING B.U.D.S.

To start the software, use the shortcut on the desktop or click the button **Start** on the Windows desktop. Choose **Program**, **Bombardier** (or the sub folder you chose) then **B.U.D.S.**

FIRST TIME USE

Each time you first use B.U.D.S. G2.0.0 with an MPI (Multi Protocol Interface), it will request an access code to allow its use. Note the **Control number** and call your Service Department. Attendant will ask you the control number and give you an **Access code**.

NOTE: It is not necessary to keep B.U.D.S. open while calling Service Department. Access code can be entered anytime when ready.

To contact the nearest Service Department:

Country	Phone Number	
United States	1 800 366-6992	
Canada	1 800 361-9980	
South America	407-722-4000	
Singapore	65-22-767-55	
France	33-1-41-79-02-40	

Note this numb	
Connected MPI	
Identification: 1234-3231-G1.0	
Contact your nearest Bombardier service representative to get an access code for you software.	r <u>C</u> ontacting Bombardier
Current Privileges	
New Privileges	
Access Code:	Add
OK	Cancel
Enter your access	
code here	Click here after enterin
12B0FB	the access code

Then enter the user name (nickname) and password you previously entered to finally access the software.

B.U.D.S Logon	? ×
Technician	Date and Time
Username:	E
Password:	
	<u>QK</u>
F12B0BA	

For more information pertaining to the use of B.U.D.S., use its help which contains detailed information on its functions.

HELP IN B.U.D.S.

Three methods to get help are available:

- 1. Click on the Help button to open the help system.
- 2. You can call the in-context help from anywhere in B.U.D.S. by doing the following:
 - Click the Help menu.
 - Choose "What's This?". A cursor with a question mark will appear.
 - Position the cursor over the area where you want help.
 - Click to call the specific information.
- 3. You can call the in-context help when you are in a data-entry area, by pressing the F1 function key of your computer keyboard.

ELECTRICAL CONNECTIONS

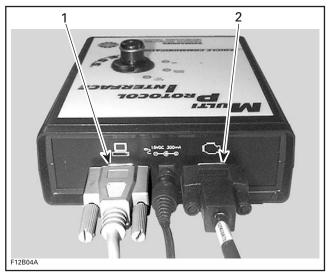
\land WARNING

There is a potential risk of electrocution when working in contact with water. Be careful not to touch water while working with the VCK.

For electrical connections look into the following help topic.

Help Topics: BUDS help
Contents Index Find
Click a topic, and then click Display. Or click another tab, such as Index.
Close Print Cancel
F12B0DA

Connect computer through MPI as shown.



1. Connect to computer through communication cable **no. 7** and adapter **no. 5** if needed

2. Connect to vehicle through diagnostic cable **no.** 2

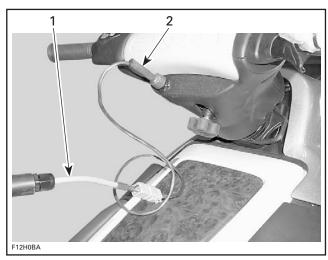
WORKING ON WATERCRAFT

Up to and including 2002 model year watercraft.

For 2003 model year watercraft, refer to respective *Predelivery Bulletin* or appropriate *Shop Manual*.

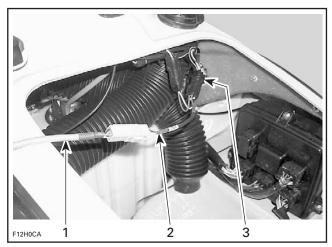
Refer to the chart below to know what adapter to use.

D.E.S.S. Post Connection



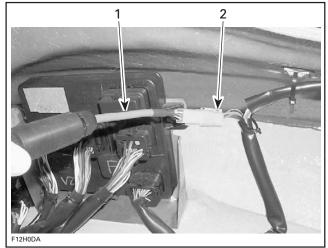
6-pin adapter no.3
 D.E.S.S. adapter no. 6

RFI Models Through the 4-Pin Connector



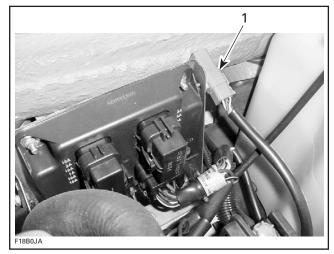
- 6-pin adapter no. 3
 RFI 4-pin adapter (P/N 529 035 685)
 Connector under opening of front storage area

DI Models Through the 6-Pin Connector



- 1. 6-pin adapter no. 3
- 2. Connector close to MPEM

WITH 1503 ENGINE



1. Adapter

After all connections are done, power-up the vehicle's module with the appropriate way depending on the vehicle.

IMPORTANT: When using B.U.D.S., ensure that the protocol matching the connection used is properly selected in "**MPI**" under "**Choose pro-tocol**" as per the following chart.

TYPE OF CONNECTION	ADAPTER TO USE	PROTOCOL TO CHOOSE	
Through D.E.S.S. post	6-pin and D.E.S.S.	D.E.S.S.	
RFI models through the 4-pin connector	6-pin and RFI 4-pin	D.L.3.3.	
DI models through the 6-pin connector	6-pin	947-DI	
1503	6-pin	KW-2000	

WORKING ON SNOWMOBILES

Up to and including 2003 model year snowmobiles.

Ensure that the protocol matching the connection used is properly selected in "**MPI**" under "**Choose protocol**" as per the following chart.

TYPE OF CONNECTION	ADAPTER TO USE	PROTOCOL TO CHOOSE	
Up to 2002 with D.E.S.S.	D.E.S.S. D.E.S.S.		
2003 Liquid Cooled	6-pin		
V-1000 S.D.I.	6-pin	KW-2000	

For 2004 model year snowmobiles, refer to respective *Predelivery Bulletin* or appropriate *Shop Manual*.

All 2002 and Previous Model Year Snowmobiles Equipped with D.E.S.S.



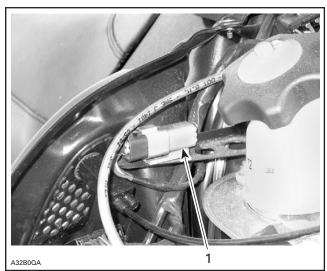
CONNECTED ONTO D.E.S.S. POST

All 2003 Liquid-Cooled Models



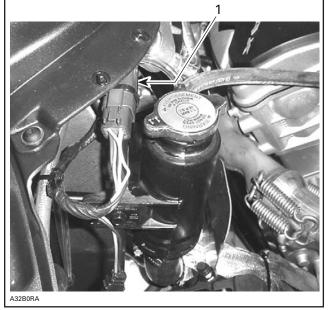
1. Adapter





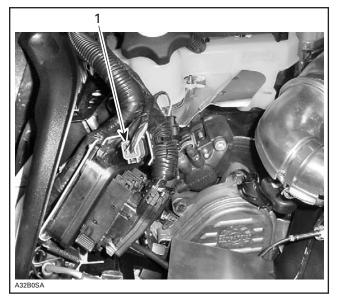
1. Adapter

V-1000



1. Adapter

SDI



1. Adapter

529 035 844

1.	529 035 677	MPI (Multi Protocol Interface)	Interface multiprotocole (MPI)
2.	529 035 678	Diagnostic Cable 7.6 m (25 ft)	Câble de diagnostic de 7.6 m (25 pi)
3.	529 035 679	6-Pin Adapter	Adaptateur à 6 broches
4.	529 035 768	B.U.D.S. (Bombardier Utility and Di- gnostic Software) Installation CD (not illustrated)	CD d'installation du logiciel B.U.D.S. (Bombardier Utility and Dignostic Software) (non illustré)
5.	529 035 681	Adapter (DB9 - DB25)	Adaptateur (DB9 - DB25)
6.	529 035 684	D.E.S.S. [™] Adapter	Adaptateur pour D.E.S.S.®
7.	529 035 697	Communication Cable	Câble de communication