CAUTION: *All involved customers must be notified, all involved units must be corrected as per instructions herein.*

Campaign no.: 2011–0007

May 4th, 2011   Subject: **ECM Software Update**   No.   **2011-6**

REVISION 1
May 11, 2011

►UNDERLINE TEXT(S) BETWEEN ARROWS IS (ARE) ADDED ELEMENT(S) TO THE PREVIOUS PUBLICATION.◄

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2011	Spyder™ RS (North America only)	All	See attached list

PROBLEM

ECM software is not compatible with accessory fog light kit.

SOLUTION

Update ECM with revised software.

FC file	219 800 225.fc

PROCEDURE

FC File Download

Download the file from BOSSWeb to your shop computer. This calibration file will update the ECM software.

NOTE: Use B.U.D.S. version 3.0.5.4.

Proceed as follows:

1. On the internet, go to the BOSSWeb site:

WWW.BOSSWEB.BRP.COM

2. Under ComCenter drop down list, select:
   – *DOCUMENT*

3. In the menu, select:
   – Document Type: *DIAGNOSTIC SOFTWARE*
   – Category: B.U.D.S.
   – Product Line: *ROADSTER*

4. Click on arrow to start search and wait for result.

5. Select box and download the calibration update file:

rbg2011-004-002_b

NOTE: Remember where you save the file, because you will browse for it. If your internet connection is on another PC, you will want to download the file to CD ROM or other method of transfer, to update your shop computer.

Computer and Vehicle Preparation

NOTICE Continuous power to the computer and to the vehicle is mandatory during this operation. Be sure to disable the computer screen saver. If using a portable computer, be sure to provide a continuous supply of electrical power by connecting it to a wall outlet. This software update of the vehicle modules will take some time to complete and MUST NOT be interrupted or damage to a module will occur.

1. Ensure you have B.U.D.S. version 3.0.5.4 available on BOSSWeb installed on your computer.

2. Ensure the vehicle battery is fully charged.

3. Connect a portable power pack, or a 2 amp battery charger to the vehicle battery to ensure there is enough power to complete the software updates.

rbg2010-003-032

PORTABLE POWER PACK OR A 2 AMP BATTERY CHARGER

NOTE: The update may take several minutes. If you are using a 2 amp battery charger and encounter communication problems during an update, your battery charger may be producing excessive electrical noise and a battery pack will need to be used. Some battery chargers are electrically "noisier" than others.

4. Connect all communication tools before starting B.U.D.S. to ensure proper operation. Refer to *2008-2009 SHOP MANUAL - SPYDER™ GS* for details:
   – Section 03: *ELECTRONIC MANAGEMENT SYSTEMS*
   – Subsection 02: *COMMUNICATION TOOLS AND B.U.D.S. SOFTWARE*
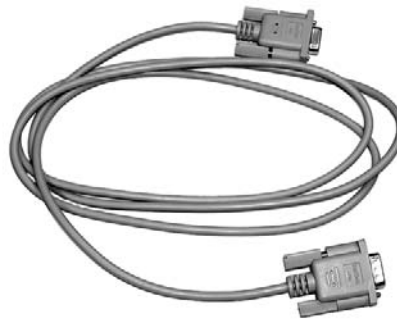
PART REQUIRED
PC COMPUTER

MPI-2 INTERFACE CARD (P/N 529 036 018)

MPI-2 DIAGNOSTIC CABLE (P/N 710 000 851)

NOTE: AN EXTENSION CABLE AVAILABLE AT ELECTRONIC RETAIL OUTLETS CAN BE USED. DO NOT EXCEED 7.6 M (25 FT).


ECM Software Update

NOTICE Avoid any interruption during the update. Disable the PC screen saver and use also a power outlet for the PC.
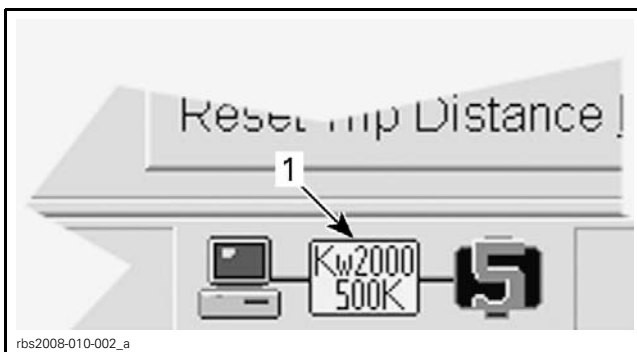
1. Turn ignition key to ON.

rmr2008-039-002

2. Start B.U.D.S. (*3.0.5.4* version) and logon.

NOTE: The following message will be displayed in B.U.D.S. If it does not disappear automatically, click on the button "Try active detection mode".

rbg2009-005-100
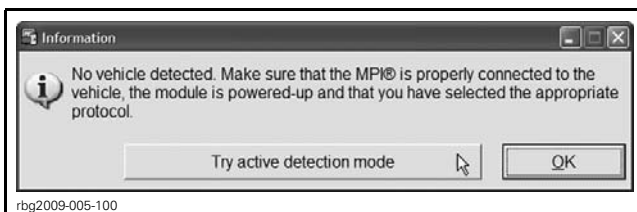
NOTE: Kw2000 (500K) icon will appear at the bottom of the screen indicating a successful connection.
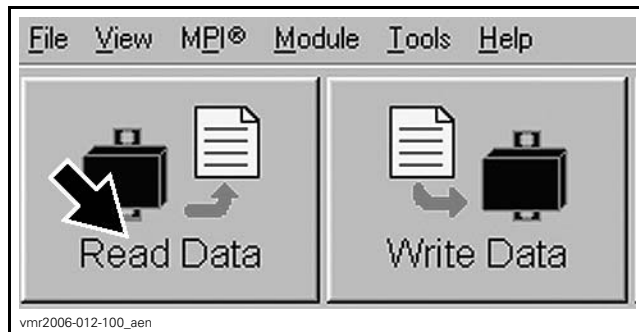

rbs2008-010-002_a
TYPICAL — SE5 SHOWN
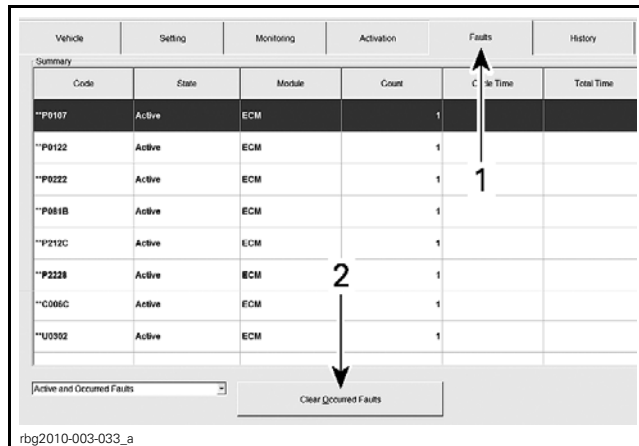*1. Icon indicating a successful connection*
2. Qty of module connected

3. Make sure all modules are connected.

MODEL	QUANTITY OF MODULES
SM5	4
SE5	5

4. In B.U.D.S., click on *READ DATA* button.
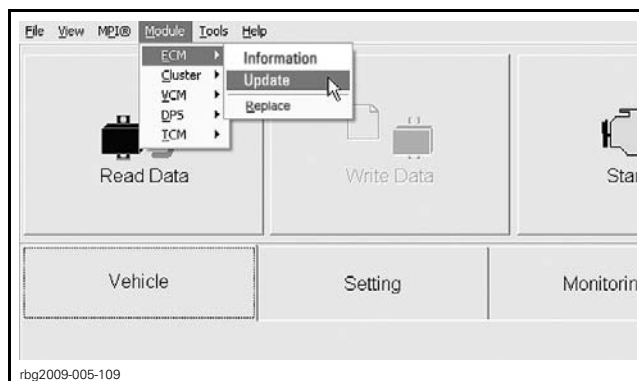

vmr2006-012-100_aen

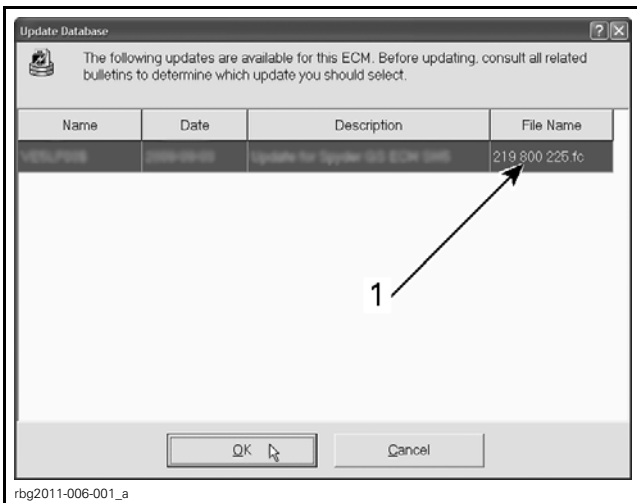5. Clear any faults using B.U.D.S., refer to appropriate *SHOP MANUAL*.

rbg2010-003-033_a
1. Select the Faults page tab
2. Click on the Clear Occurred Faults button

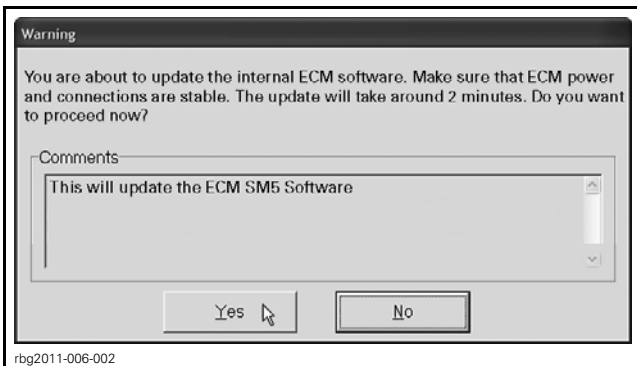6. Click on MODULE drop down list and select ECM then UPDATE.

rbg2009-005-109

7. Select the "File Name" 219 800 225.fc then click the "OK" button.

rbg2011-006-001_a

1. Select this file

8. When the following message appears, click the "Yes" button so that the update takes place.


rbg2011-006-002

TYPICAL — SM5 SHOWN

NOTICE While the ECM is updated, an hour glass will appear on the computer. The computer screen might also blank out. DO NOT TOUCH ANYTHING until the following message appears. Then, click the "OK" button.


rbg2009-005-102
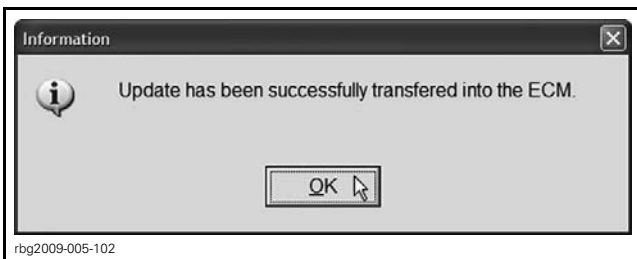
IMPORTANT: In case of problem updating the ECM, please contact your dealer technical support before replacing it.

9. When the update is completed, B.U.D.S. will automatically read the ECM then the following message will appear. Click the "Yes" button.
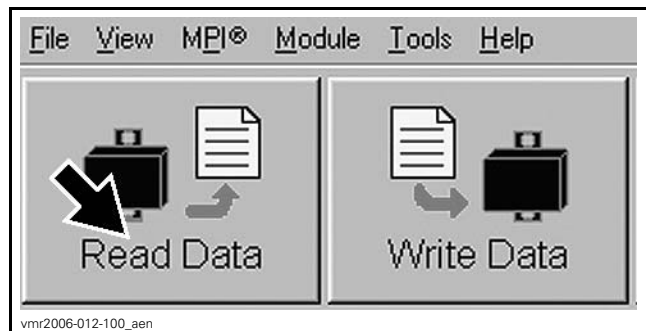

rbg2009-005-105
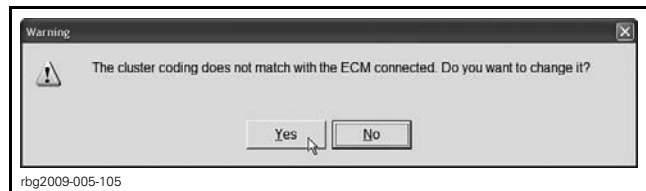
10. Remove the ignition key when the following message appears. Do NOTHING during this moment, the message will disappear automatically.
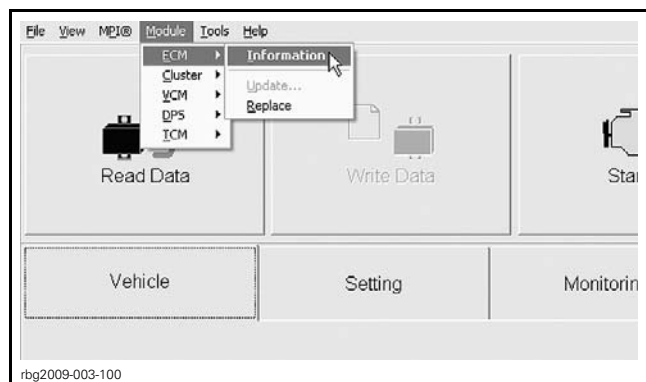

rbg2009-005-106
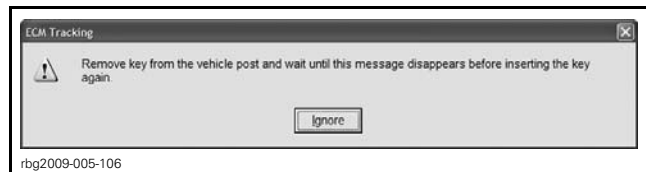
11. Reinstall the key and turn it in ON.

12. In B.U.D.S., click on the *READ DATA* button.
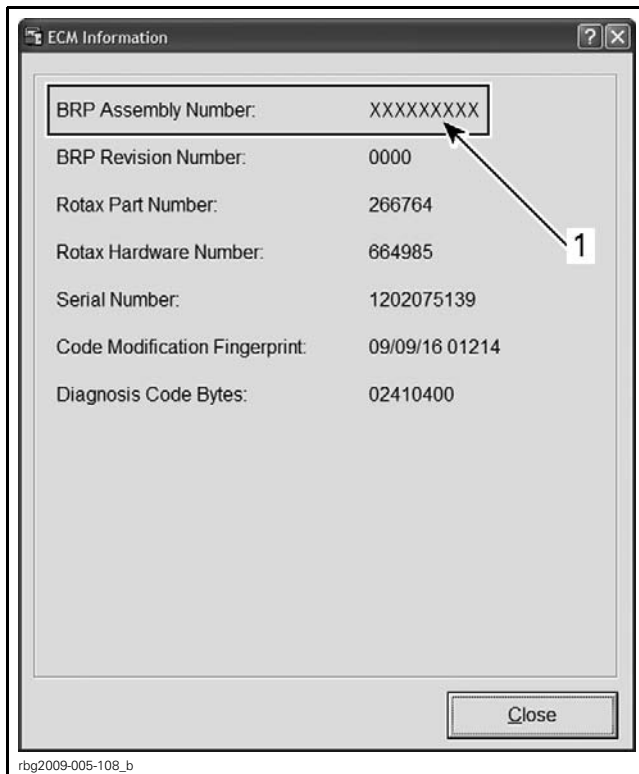

vmr2006-012-100_aen

13. Check if the update has been successfully done by selecting the MODULE drop down list and select ECM then INFORMATION.

rbg2009-003-100

1. ECM module information

14. Look at the "BRP Assembly Number"

rbg2009-005-108_b

TYPICAL — SM5 SHOWN
1. BRP Assembly number

15. If the proper code is not in place as per the following table, repeat the update procedure.

ECM MODULE	
BRP assembly number	SE5 models: ▶420266972◀
	SM5 models: ▶420266970◀

WARRANTY

Submit a warranty claim using the following information:

CAMPAIGN NUMBER	2011-0007
Claim type	Campaign claim
Expiry date	2012-12-31
Action	Repair
Flat rate time	0.3 hour

SERIAL NUMBERS LISTING OF INVOLVED VEHICLES

Model: A1BA
From 000242 to 000265
From 000374 to 000409
From 000530 to 000565
From 000626 to 000637
From 000770 to 000781
From 000842 to 000853
From 000914 to 000937
From 000962 to 000985
From 001046 to 001057
From 001130 to 001141
From 001202 to 001213

Model: A2BA
From 000206 to 000217
From 000338 to 000361
From 000410 to 000421
From 000674 to 000685
From 000806 to 000817
From 000878 to 000901
From 000950 to 000961
From 001022 to 001045
From 001118 to 001129
From 001190 to 001201
From 001262 to 001265
From 001267 to 001273

Model: A2BE
From 000025 to 000192
From 000205 to 000216
From 000229 to 000264
From 000289 to 000312
From 000325 to 000348
From 000362 to 000365

Model: B1BA
000001
From 000014 to 000037
From 000050 to 000073
From 000098 to 000121
From 000170 to 000193
From 000266 to 000301
From 000422 to 000469
From 000566 to 000577
From 000638 to 000649
From 000698 to 000721
From 000782 to 000793
From 000854 to 000877
From 000938 to 000949
From 000998 to 001021
From 001070 to 001093
From 001166 to 001177
From 001226 to 001249

Model: B1BC
From 000001 to 000012

Model: B1BC (cont'd)
From 000049 to 000060
From 000097 to 000120
From 000145 to 000192
From 000253 to 000312
From 000385 to 000444
From 000505 to 000528
From 000577 to 000612
From 000673 to 000696
From 000721 to 000744
From 000781 to 000816
From 000877 to 000912
From 000937 to 000948
From 000973 to 000996
From 001033 to 001056

Model: B6BA
From 000086 to 000097
From 000134 to 000169
From 000218 to 000241
From 000362 to 000373
From 000470 to 000493
From 000614 to 000625
From 000686 to 000697
From 000758 to 000769
From 000818 to 000841
From 000902 to 000913
From 000986 to 000997
From 001058 to 001069
From 001142 to 001165
From 001214 to 001225

Model: B6BC
From 000061 to 000084
From 000121 to 000132
From 000193 to 000228
From 000313 to 000348
From 000445 to 000468
From 000529 to 000552
From 000613 to 000636
From 000697 to 000708
From 000745 to 000756
From 000817 to 000852
From 000913 to 000924
From 000949 to 000960
From 000997 to 001008
From 001057 to 001068