can-am | BRP

SAFETY
CAMPAIGN

ATV
WARRANTY
Bulletin

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

Campaign no.: 2010–0001

November 23, 2009   Subject: **Dynamic Power Steering™ (DPS) Software Update**   No.   **2010-1**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2010	All equipped with DPS	See list attached	See list attached

PROBLEM

An electrical short circuit to ground of the DPS may occur. This can cause your vehicle to suddenly steer left on its own and in some situations, the operator could lose control of the vehicle. This may cause serious injuries or even death.

SOLUTION

Update DPS Software; the new software has the ability to detect a short circuit and disable the DPS to prevent undesired steering. The updated DPS Software should be available starting from November 30, 2009. If your customer wishes to use its vehicle before the DPS software is updated, disable DPS electrical system by removing DPS fuse.

DPS SOFTWARE UPDATE

Refer to *CAN-AM 2008 RENEGADE & OUTLANDER SHOP MANUAL* — Section 06 ELECTRICAL SYSTEM, Subsection 1 under *MULTI-PURPOSE INTERFACE-2 (MPI-2)* and *B.U.D.S. SOFTWARE* for details about communication tools.

Calibration File Download

Download the file from BOSSWeb to your shop computer. This calibration file will update the DPS.
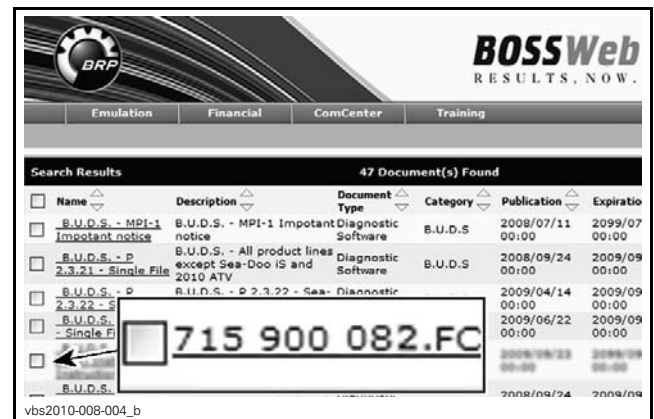
NOTE: Use version 2.3.26 until a new version is available. The next version of BUDS will have this file in it.

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*

4. Select and download the calibration update file:


vbs2010-008-004_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.
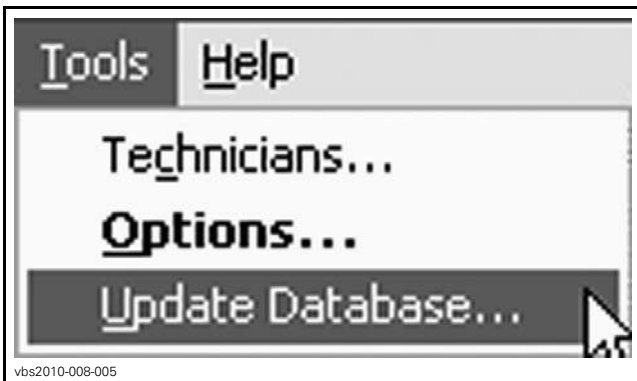
B.U.D.S. Database Update

1. Carry out all connections before starting B.U.D.S. to allow proper operation.

2. Turn ignition key to ON.

3. Use B.U.D.S. version 2.3.26 available on BOSSWeb.

4. Start B.U.D.S. and logon.

5. Ensure both USB and CAN lights of MPI-2 are green.

6. If the following message is displayed, it should disappear as soon as B.U.D.S. detects communication. If it remains displayed, click the button "Try active detection mode".

rbg2009-005-100
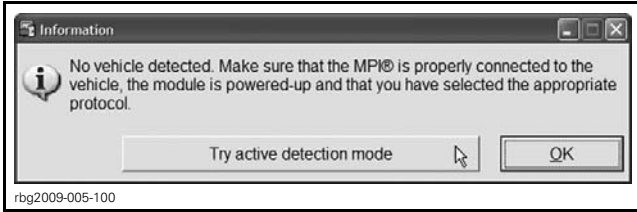
7. Click on *TOOLS* drop down list and select:
   – *UPDATE DATABASE...*

vbs2010-008-005

8. Click on *ADD UPDATE*.


vbs2010-008-007
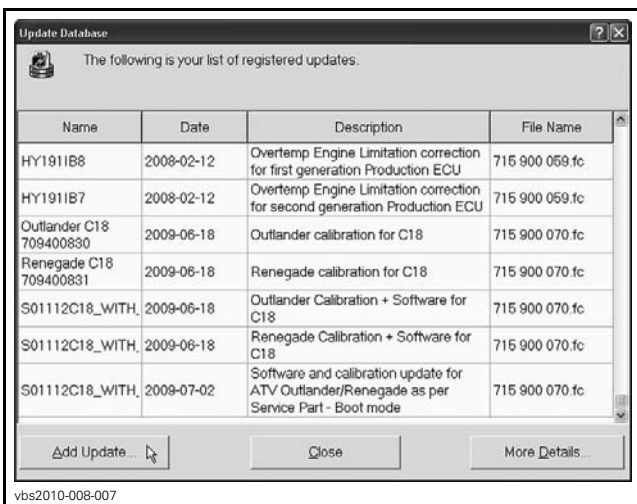
TYPICAL

9. Locate the previously downloaded calibration update file and click *OPEN*.

10. Click *"OK"* when the confirmation message appears.

11. Click *CLOSE* in the "Update Database".

DPS Software Update

NOTICE Continuous power to the computer and to the vehicle ECM is mandatory during this operation.

1. Disable computer screen saver. Provide enough electrical supply to the computer to avoid interruptions.

2. Check vehicle battery voltage. The battery must be fully charged. If the battery is questionable, use a battery charger or power pack to maintain enough power.

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

vmr2006-012-100_aen
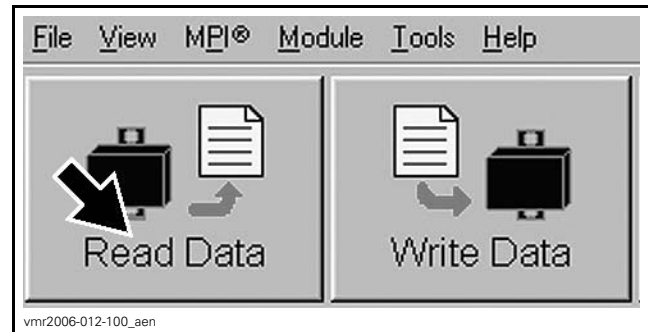
While reading, a window will appear indicating that there is an update needed.


vbs2010-008-050
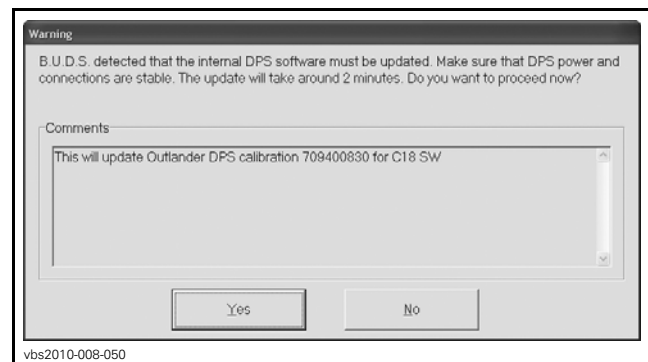
TYPICAL — OUTLANDER SHOWN

4. Click the "YES" button.

NOTICE While the DPS is updated, an hour glass will appear on the computer. The computer screen might also blank out or seem to be frozen. DO NOT TOUCH ANYTHING until the following message appears. Then, click the "OK" button.
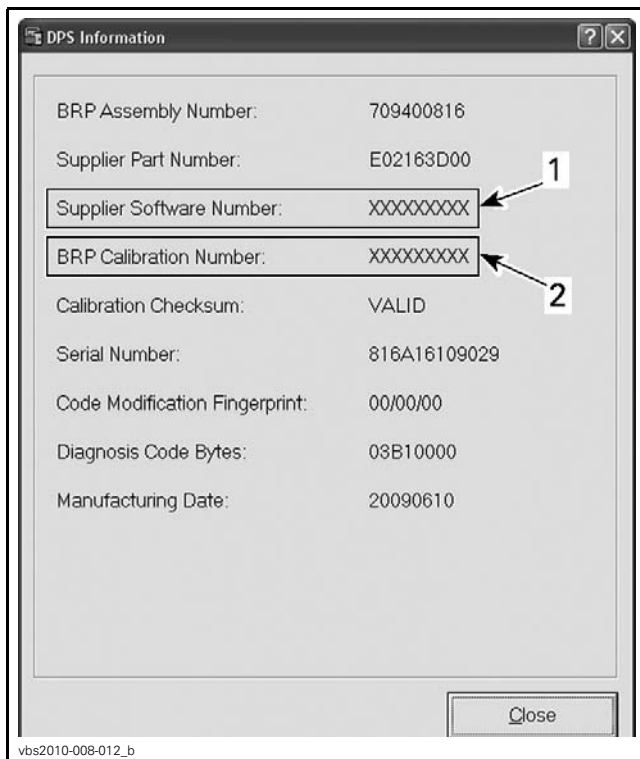
vbs2010-008-010

NOTE: An automatic "Read Data" will be done.

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

vbs2010-008-011
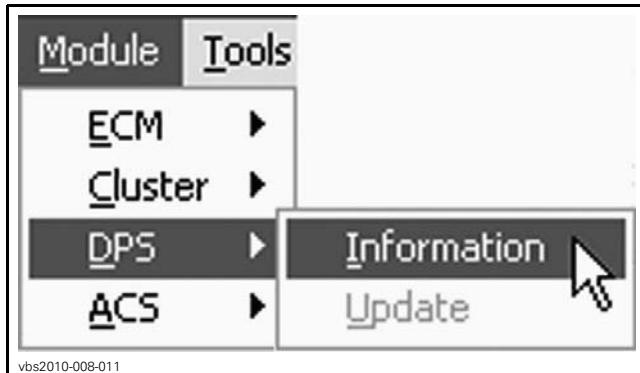
6. Look at the "BRP Calibration Number"

vbs2010-008-012_b

TYPICAL
1. Supplier Software Number (refer to following table)
2. BRP Calibration Number (refer to following table)

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

DPS		
Supplier Software Number	S01112D01	
BRP calibration number	Renegade models: 709 400 889	
	Outlander models: 709 400 888	

DPS FUSE REMOVAL (OPTIONAL)

**NOTICE** Temporary solution to allow customers to ride their vehicle until new software is available. Do not remove fuse if vehicle has received new DPS software.

1. Locate the fuse box at the rear end of the vehicle.
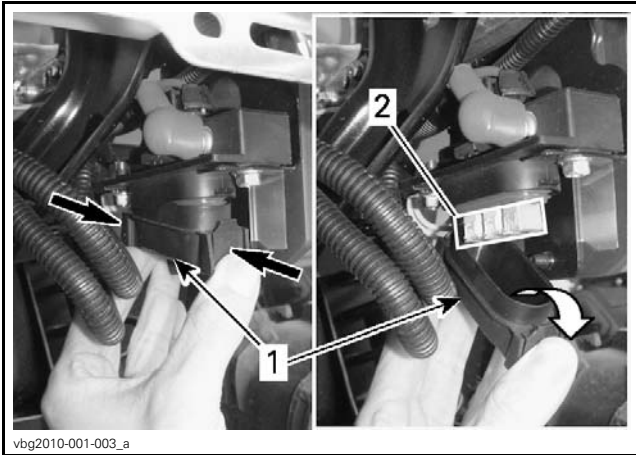

vbg2010-001-001_a
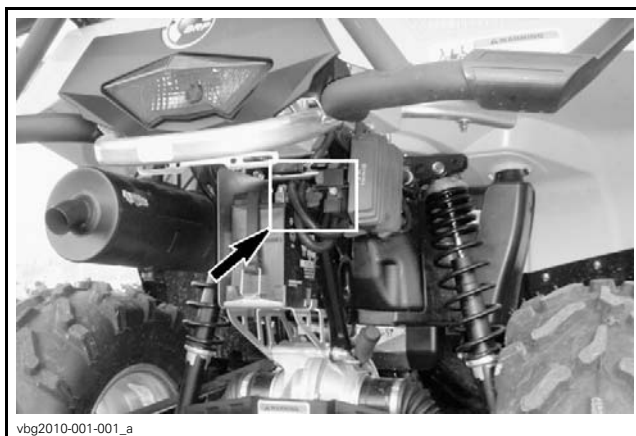
FUSE BOX LOCATION

A 40 A DPS fuse located in the rear fuse box (PF2-F3) next to the voltage regulator/rectifier unit provides power for the DPS motor.

vbg2010-001-002_a
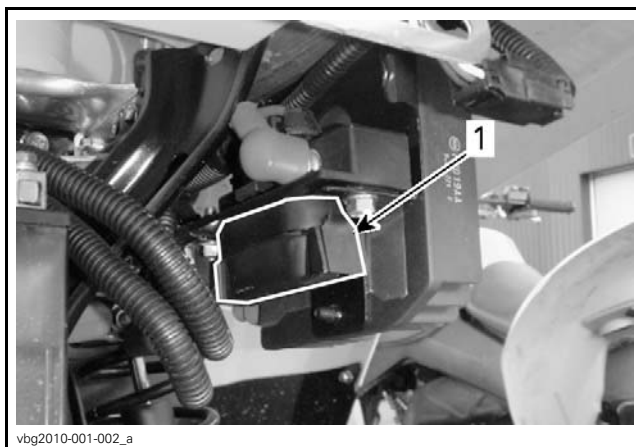
1. Rear fuse box (PF2)

2. To remove fuse box cover, simultaneously squeeze tabs inwards on each end of fuse box cover as you pull on the cover.

vbg2010-001-003_a

1. *Fuse box cover*
2. *Fuses*

3. Remove the DPS fuse.

vbg2010-001-004_a
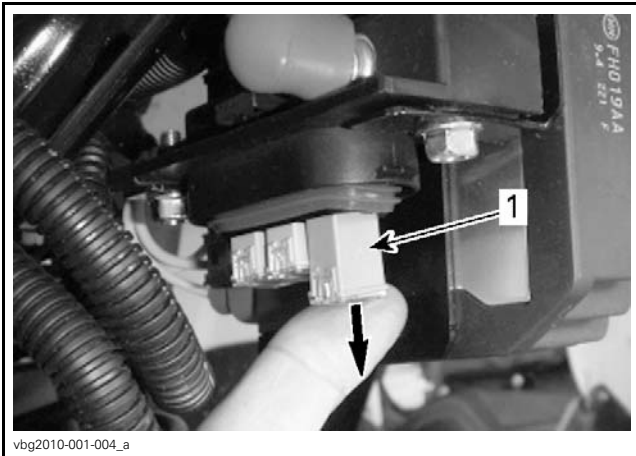
1. *40 Amp. DPS fuse (PF2-F3)*

4. Close fuse box cover.

NOTICE Once DPS fuse is removed, the message "CHECK DPS" will remain enabled in the cluster.

WARRANTY

Submit a warranty claim using the following information:

CAMPAIGN NUMBER	2010–0001
Claim type	Campaign claim
Action	Repair
Flat Rate Time	0.4 hour

For claiming procedure, refer to *DEALER/DISTRIBUTOR WARRANTY GUIDE*.

SERIAL NUMBERS LISTING OF INVOLVED VEHICLES

Model: 2JAA
From 000001 to 000257

Model: 2JAB
From 000001 to 000195

Model: 2JAC
From 000001 to 000183

Model: 2JAE
From 000258 to 000287

Model: 2LAA
From 000001 to 000100
From 000116 to 000204

Model: 2LAB
From 000001 to 000161

Model: 2LAC
From 000001 to 000073
From 000075 to 000106

Model: 2LAD
From 000205 to 000254
From 000287 to 000298
000302
000305
From 000307 to 000308
000324
000330
000338
000342
From 000355 to 000368

Model: 2LAF
From 000101 to 000115
From 000255 to 000280
From 000369 to 000390

Model: 2MAA
From 000162 to 000408

Model: 2MAB
From 000280 to 000395

Model: 2MAC
From 000101 to 000127
From 000129 to 000140
From 000142 to 000168
From 000170 to 000171
From 000173 to 000176
000178
From 000180 to 000181
From 000183 to 000189
From 000191 to 000210
From 000212 to 000219
From 000221 to 000228

Model: 2MAC (cont'd)
From 000230 to 000231
From 000233 to 000237
From 000239 to 000240
From 000244 to 000249
From 000252 to 000253
000255
From 000258 to 000263
From 000265 to 000267
From 000271 to 000279

Model: 2MAD
From 000001 to 000100
From 000396 to 000437

Model: 2PAA
From 000001 to 000140
From 000164 to 000228

Model: 2PAB
From 000001 to 000181

Model: 2PAC
From 000002 to 000060
From 000062 to 000069
From 000071 to 000086
From 000088 to 000102
From 000104 to 000116
From 000119 to 000123

Model: 2PAE
From 000141 to 000150
From 000252 to 000290
From 000292 to 000306
From 000308 to 000312
From 000314 to 000316
From 000318 to 000320
From 000323 to 000324
000327
000331
From 000333 to 000339
000342
000344
From 000348 to 000349
From 000351 to 000356
From 000359 to 000367

Model: 2PAF
From 000151 to 000163
From 000229 to 000232
From 000234 to 000237
From 000239 to 000251

Model: 2SAA
From 000001 to 000106

Model: 2SAA (cont'd)
From 000170 to 000226
From 000350 to 000411

Model: 2SAB
From 000001 to 000205

Model: 2SAC
From 000092 to 000176

Model: 2SAD
000003
000007
000010
000022
000024
000028
000031
From 000033 to 000034
From 000039 to 000040
From 000046 to 000047
000062
000065
From 000073 to 000074
000076
000080
From 000084 to 000087
000089

Model: 2SAE
From 000107 to 000134
000258
From 000264 to 000265
000268
From 000272 to 000274
000283
000325
000329
000331
000335
000338
000349
000412
000414
From 000430 to 000433
000435
From 000437 to 000438
000444
000446
From 000449 to 000451
000455
000461
000466
000469
From 000477 to 000479
000481

Model: 2SAE (cont'd)
From 000484 to 000485
000487
000491
From 000503 to 000506
000515
000520
000523
000528
000531
From 000533 to 000536
000540
From 000542 to 000544
From 000546 to 000570
From 000572 to 000581
From 000583 to 000587

Model: 2SAF
From 000135 to 000169
From 000285 to 000319
From 000588 to 000661

Model: 2UAA
From 000053 to 000153

Model: 2UAB
From 000001 to 000105

Model: 2UAC
From 000001 to 000036
From 000038 to 000057
From 000059 to 000061
000063
From 000065 to 000068
From 000070 to 000072

Model: 2UAD
From 000020 to 000052
From 000173 to 000205
From 000245 to 000277

Model: 2UAE
From 000001 to 000019
From 000154 to 000172
From 000206 to 000243

Model: 2XAA
From 000092 to 000199
From 000291 to 000320

Model: 2XAB
From 000001 to 000143

Model: 2XAC
From 000001 to 000002
From 000004 to 000048

Model: 2XAD
From 000001 to 000017

Model: 2XAD (cont'd)
From 000019 to 000033
From 000035 to 000036
From 000200 to 000205
From 000207 to 000208
From 000212 to 000213
000215
From 000221 to 000226
000228
000233

Model: 2XAE
From 000037 to 000091
From 000236 to 000290
From 000321 to 000426

Model: 4DAA
From 000001 to 000002
From 000253 to 000722

Model: 4DAB
From 000003 to 000120

Model: 4DAC
From 000121 to 000252

Model: 5EAB
From 000003 to 000052
From 000101 to 000150
From 000163 to 000177
From 000205 to 000381

Model: 5EAE
From 000001 to 000002
From 000053 to 000100
From 000151 to 000162
From 000178 to 000204
From 000382 to 000401

Model: 5FAC
From 000231 to 000298
From 000359 to 000507
From 000595 to 000736

Model: 5FAF
From 000063 to 000155
000157
000160
000162
From 000164 to 000171
From 000173 to 000174
From 000177 to 000178
From 000180 to 000181
From 000183 to 000184
000190
From 000192 to 000194
From 000196 to 000200
000203

Model: 5FAF (cont'd)
From 000205 to 000230
From 000330 to 000331
From 000570 to 000591
From 000593 to 000594
From 000737 to 000740
000742
From 000745 to 000746
From 000748 to 000751
From 000753 to 000761
From 000763 to 000765
From 000767 to 000774
From 000776 to 000780
000783
From 000786 to 000788

Model: 5FAJ
From 000001 to 000062
From 000299 to 000329
From 000508 to 000569
From 000789 to 000986

Model: 5GAB
From 000001 to 000329

Model: 5HAC
From 000001 to 000332

Model: 5JAB
From 000001 to 000213
From 000215 to 000229

Model: 5KAC
From 000001 to 000182

Model: 5NAA
000001
From 000003 to 000047
From 000049 to 000066
From 000068 to 000129