

SAFETY RECALL NOTICE



Bombardier Recreational Products Inc.

565 de la Montagne Street
Valcourt, Québec, Canada J0E 2L0
T 450.532.2211 F 450.532.5133

www.brp.com

Date: January 11, 2008

Re: Brake Fluid Reservoir Caps Replacement

Dear Can-Am™ Roadster Dealer/Distributor,

This notice is being sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act, the Canada Motor Vehicle Safety Act and other applicable laws. Bombardier Recreational Products Inc. and BRP US Inc. ("BRP") have decided that a defect which relates to motor vehicle safety exists in certain Can-Am Roadster models and are conducting a voluntary safety recall of certain Can-Am Roadster models as specified in the attached Safety Campaign Bulletin.

The attached bulletin replaces the previous Roadster Spyder bulletin number 2008-1 (Brake Inspection and/or Repair Procedure) hereby cancelled.

All vehicles must be repaired according to this current attached bulletin even if the previous Roadster Spyder bulletin number 2008-1 (Brake Inspection and/or Repair Procedure) has been completed.

What is the potential problem?

It was identified that a limited quantity of Roadster Spyder vehicles may have one or two defective brake fluid reservoir caps and an abnormal quantity of air in the service brake system. This could potentially degrade brake performance.

What will BRP do?

BRP has already sent a Safety Recall letter to all known registered owners of these vehicles. This letter urges that the owners immediately contact their authorized BRP dealer in order to have the vehicle repaired. Also, BRP posted this notice and attached Safety Campaign Bulletin on its BOSSWeb dealer web site (www.bossweb.com) and on its public web site (www.can-am.brp.com).

What should you do?

1. Do not sell, deliver or use (including demo rides) any involved vehicle that you have in stock as federal law requires you to complete the recall service on these vehicles before retail delivery.
2. Contact all of your customers who have purchased an affected vehicle. You must inform them about the foregoing and must request them to make an appointment to get their vehicle repaired.
3. Follow all instructions provided in the attached Safety Campaign Bulletin.

Please note that the National Traffic and Motor Vehicle Safety Act provides that each vehicle which is subject to a recall campaign of this type must be adequately repaired within a reasonable time after the owner has tendered it for repair. Failure to repair within sixty (60) days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. The owner may be entitled to an identical or reasonable equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation.

Sincerely,

After-Sales Service Department
Bombardier Recreational Products Inc.

Ski-Doo
Lynx
Sea-Doo
Evinrude
Johnson
Rotax
Can-Am

can-am**SAFETY**
CAMPAIGN**ROADSTER**
WARRANTY
Bulletin**⚠ WARNING:** All involved customers must be notified, all involved units must be corrected as per instructions herein.

Campaign no.: 2008-0002

Date: **January 11, 2008**Subject: **Brake Fluid Reservoir Caps Replacement**No. **2008-2**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2008	Spyder GS	A18G / A18H / A18K / A18M	See attached list

NOTE: This bulletin replaces the previous Roadster Spyder bulletin number 2008-1 (Brake Inspection and/or Repair Procedure) hereby cancelled.

NOTE: All vehicles must be repaired according to this current bulletin even if the previous Roadster Spyder bulletin number 2008-1 (Brake Inspection and/or Repair Procedure) has been completed.

NOTE: Do not sell, deliver or utilize any vehicle without having previously successfully completed this campaign.

PROBLEM

It was identified that a limited quantity of Roadster Spyder vehicles may have one or two defective brake fluid reservoir caps. This may create a vacuum under certain circumstances (such as when it is or stored in your cold garage over winter or transported from our factory here in Canada) which could lead to absorption of air into the service brake circuits. Abnormal quantity of air could result in degraded brake performance.

SOLUTION

Replace both brake fluid reservoir caps and validate that the service brake system pressure is adequate.

NOTE: If brake fluid bleeding (complete system) is required, refer to *ROADSTER SPYDER GS SHOP MANUAL, SECTION 08, SUBSECTION 04*.

PARTS REQUIRED

DESCRIPTION	P/N	QTY
Brake Fluid Reservoir Cap	219 800 058	2

REPAIR PROCEDURE

Step 1 : Brake Fluid Reservoir Caps Replacement

CAUTION: Avoid spilling brake fluid on plastic, rubber or painted parts. Protect these parts with rags when servicing brake system.

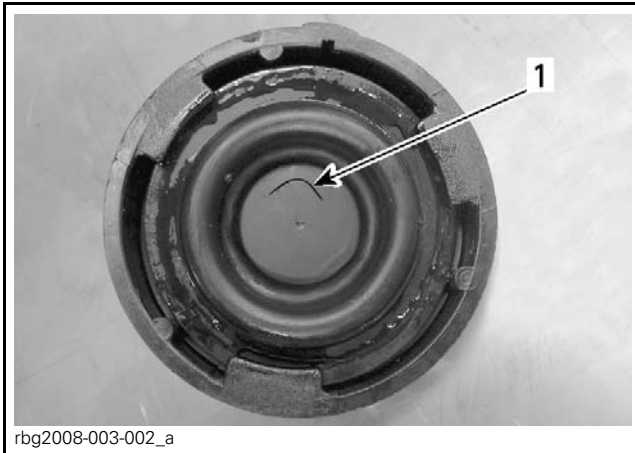


Unlatch and lift seat.

Clean brake fluid reservoir caps [1] and surrounding area.

Remove brake fluid reservoir caps from vehicle.

Keep and return obsolete caps according to the claim procedure.



The above illustration shows an improved brake fluid reservoir cap with the new V slit [1] in the diaphragm.

Install both improved brake fluid reservoir caps (P/N 219 800 058) onto vehicle.

Wipe brake fluid spillage.

Latch seat.

Step 2 : Brake System Pressure Validation

CAUTION: Do not pump up the brake pedal repeatedly before doing inspection.

NOTE: Ensure that the battery is fully charged **before** doing the brake system pressure validation.

NOTE: Do not connect a charger to the vehicle battery during the brake system pressure validation.

NOTE: Use a computer with the latest version of B.U.D.S. software (for Spyder), the MPI-2 and a diagnostic cable.

NOTE: MPI-1 will not allow communication with a Roadster.

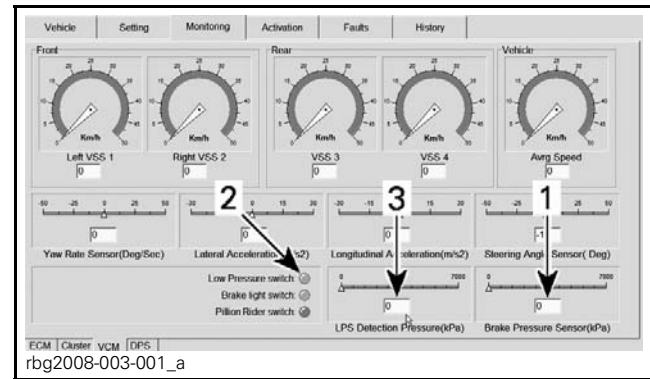
Connect B.U.D.S. Refer to *COMMUNICATION TOOLS/B.U.D.S. SOFTWARE*.

In B.U.D.S., select **MONITORING** folder then the **VCM** page.

Slowly depress the brake pedal (only once) until you reach **3500 kPa (508 PSI)** at the brake pressure sensor.

Maintain the brake pedal in position.

Check the **low pressure switch button** status on the computer screen.



As per the above picture :

- [1] : Brake Pressure Sensor value
- [2] : Low Pressure Switch button
- [3] : LPS Detection Pressure value

If low pressure switch button is still off when you reach the required pressure the validation is successful.

If low pressure switch button turns on before reaching **3500 kPa (508 PSI)** perform the following additional steps :

Perform equivalent of 3 complete wheel rotations (for the 3 wheels).

Slowly depress the brake pedal until low pressure switch button turns on.

Take note of the LPS Detection Pressure value.

Perform equivalent of 3 complete wheel rotations (for the 3 wheels).

Slowly depress the brake pedal until low pressure switch button turns on.

Take note of the LPS Detection Pressure value.

Perform equivalent of 3 complete wheel rotations (for the 3 wheels).

Slowly depress the brake pedal until low pressure switch button turns on.

Take note of the LPS Detection Pressure value.

Calculate the average of the 3 LPS Detection Pressure values previously noted.

If the average is **ABOVE OR EQUAL to 3500 kPa (508 PSI)**, the validation is successful.

If the average is **BELOW 3500 kPa (508 PSI)** perform the **BRAKE FLUID BLEEDING PROCEDURE (COMPLETE SYSTEM)**. Refer to *ROADSTER SPYDER GS SHOP MANUAL, SECTION 08, SUBSECTION 04* for details.

Check and clear fault codes using B.U.D.S. software.

To remove low pressure fault codes :

- Turn the key off
- Wait 30 seconds
- Turn the key on.

SHIPPING

Each distributor/dealer will receive two sets of brake fluid reservoir caps (P/N 219 800 058). The caps will be auto-shipped within the next days. Additional brake fluid reservoir caps can be ordered through BOSSWeb.

WARRANTY

The following information must be used for brake fluid reservoir caps replacement claim.

Brake Fluid Reservoir Caps Replacement	
Campaign Number	2008-0002
Claim Type	Campaign Claim
Action	Repair
Flat Rate Time	1.0 hour

The following information must be used only if the brake fluid bleeding procedure has been performed.

If brake fluid bleeding procedure is required, normal warranty applies.

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

Brake Fluid Bleeding Procedure	
System Code	06 40
This job will give you 6.0 hours	
Normal warranty applies	

Dealers/distributors are required to return parts to support their claims.

Shipping addresses:

- **USA DEALERS**
BRP
c/o Warranty Department
7575 Bombardier Court
Wausau, WI 54401
- **CANADIAN DEALERS**
BRP
Warranty Parts Inspection Center
565 de la Montagne
Valcourt, QC J0E 2L0

– FROM OTHER COUNTRIES DEALERS

Contact your local distributor or
BRP Regional Office.

NOTE: Warranty shipping address decals can be ordered by dealer if needed.

Country	(P/N)
US	480 901 601
Can	484 500 001

SERIAL NUMBER LISTING OF INVOLVED VEHICLES

Model: A18G

000001

000003

From 000005 to 000014

From 000016 to 000048

From 000132 to 000170

From 000239 to 000277

From 000352 to 000463

From 000465 to 000504

From 000506 to 000553

Model: A18H

From 000049 to 000053

From 000055 to 000060

From 000062 to 000065

From 000067 to 000081

From 000083 to 000091

From 000093 to 000095

From 000097 to 000110

From 000112 to 000131

From 000171 to 000175

From 000177 to 000214

From 000216 to 000238

From 000278 to 000311

From 000313 to 000326

From 000328 to 000340

From 000342 to 000351

From 000554 to 000693

From 000695 to 000709

From 000711 to 000767

From 000769 to 000784

Model: A18K

From 000004 to 000025

From 000027 to 000048

From 000050 to 000057

Model: A18M

From 000003 to 000012

000014

From 000016 to 000018

From 000020 to 000041

From 000043 to 000050

From 000052 to 000063

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What is the potential problem?

Since we performed the brake inspection and repair procedure on your vehicle, we have identified that some vehicles have one or two brake fluid reservoir caps that are sealed. This may create a vacuum under certain circumstances (such as when it is stored in your cold garage over winter or transported from our factory here in Canada) which could lead to absorption of air into the service brake circuits. Abnormal quantity of air could result in degraded brake performance.

What should you do?

Call an authorized BRP Can-Am Roadster dealer and make an appointment to have your vehicle repaired. We will change the reservoir caps and recheck the brake pressure. *The dealer will perform this work at no charge to you.* If you wish to drive your vehicle to your nearest dealer, please proceed with the following verifications first. Start the engine and verify that no error appears on the cluster. Then depress brake pedal and pay attention to any free play or spongy pedal or any changes from your previous ride. Apply brakes strongly and verify again if no error message appears on the cluster. Finally, test your brakes in a secure environment. If everything is normal, you may carefully drive your Roadster to your nearest BRP Can-Am Roadster dealer.

What to do if you feel this notice is an error?

This notice was mailed to you according to the most current information we have available. If you no longer own this vehicle or some information in this notice is incorrect, please contact BRP at your earliest convenience.

For US residents only

If you believe that the dealer or BRP has failed or is unable to remedy the defect within a reasonable time, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue S.E. Washington, D.C. 20590, or call the toll free Auto Safety Hot Line at 1-888-327-4236 (TTY: 1-800-424-9153), or go to <http://www.safercar.gov>.

For Canadian residents only

If you believe that the notification or correction is inadequate, that the manufacturer fails to correct the situation in accordance with the notification or it fails or is unable to correct the situation within 60 days, you may submit a complaint to the Road Safety and Motor Vehicle Regulation Directorate of Transport Canada at 1-800-333-0510.

If you are a vehicle lessor, federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Sincerely,
After-Sales Service Department,
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Re: Brake Fluid Reservoir Caps Replacement and Brake Inspection and/or Repair

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What is the potential problem?

It was identified that a limited quantity of Roadster Spyder vehicles may have one or two defective brake fluid reservoir caps and an abnormal quantity of air in the service brake system. This could potentially degrade brake performance.

What should you do?

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