

# 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](http://www.brp.com)

Date: September 4<sup>th</sup>, 2013

## **Re: Can-Am® Spyder® Roadster – Tandem Master Cylinder Manifold Inlet - Fire Hazard**

Dear Can-Am Dealer / Distributors,

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 on certain roadster models and are conducting a safety recall as specified in the attached Safety Campaign Bulletin.

### **What is the potential problem?**

Under some riding conditions, the tandem master cylinder manifold inlet may melt and cause brake fluid dripping onto a heat source which may lead to a vehicle fire.

### **Which models are involved?**

Can-Am Spyder ST™ series and RT™ series roadsters, model year 2013.

### **What will BRP do?**

For dealers: BRP is publishing a Safety Campaign Bulletin giving the repair procedure.

For customers: BRP is sending a Safety Recall letter to all known registered owners of the involved vehicles. This letter urges that the owners immediately contact their authorized BRP dealer in order to have the vehicle repaired. The solution is the installation of reflecting heat shields and heat deflector.

Also, BRP is posting this notice and attached Safety Campaign Bulletin on its dealer website BOSSWeb ([www.bossweb.brp.com](http://www.bossweb.brp.com)). Information for customers will be posted on BRP's public website ([www.can-am.brp.com](http://www.can-am.brp.com)).

### **What should you do?**

1. Do not sell or deliver any involved vehicle that you have in stock as federal law requires you to complete the recall service on these vehicles before 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.

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

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.

If you have questions about this notice, please call:  
In USA and Canada: 1 888 638-5397,

Dealers of other countries (outside Canada and USA) please contact your local distributor or regional office which can be found at [www.brp.com](http://www.brp.com) or call: 1 819 566-3366 (8:00 AM to 6:00 PM Eastern time).

Sincerely,  
After-Sales Service Department, Bombardier Recreational Products Inc.



**SAFETY**  
CAMPAIGN

**ROADSTER**  
**WARRANTY**  
Bulletin



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

Campaign no.: 2013-0013  
2013-0014

August 30, 2013

Subject: **Can-Am™ Roadster - Tandem Master  
Cylinder Manifold Inlet- Fire Hazard**

No. **2013-8**

**REVISION 1**  
**September 4, 2013**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2013	Spyder ST Series	All	All
	Spyder RT Series		

## PROBLEM

Under some riding conditions, the tandem master cylinder manifold inlet may melt and cause brake fluid dripping onto a heat source which may lead to a vehicle fire.

## SOLUTION

1. Install reflecting heat shields and heat deflector.
2. Inspect the tandem master cylinder manifold inlet and replace the tandem master cylinder if needed.

## PARTS REQUIRED

Order the kit (P/N 219 800 310) through the regular channel. The kit must include the following parts.

ITEM	DESCRIPTION		PART NUMBER	QTY
P1	Reflective heat sheet (For tandem master cylinder manifold inlet)		705 601 334	1
P2	Heat deflector		705 601 333	1
P3	Reflective heat sheet (For fuel vapor canister)		709 000 541	1
P4	Reflective heat sheet (For parking brake cable)		705 601 341	1
P5	M8 x 30 hexagonal flanged screw (with self-locking product)		207 583 044	2
P6	M8 x 20 hexagonal flanged screw (with self-locking product)		207 582 044	2
P7	M6 hexagonal flanged elastic nut		233 261 414	1
P8	Locking tie	---	414 115 200	2
P9	Oetiker clamp		293 650 025	2
P10	Oetiker clamp		293 650 047	1

# PROCEDURES

## Fuel Vapor Canister

### Fuel Vapor Canister Removal

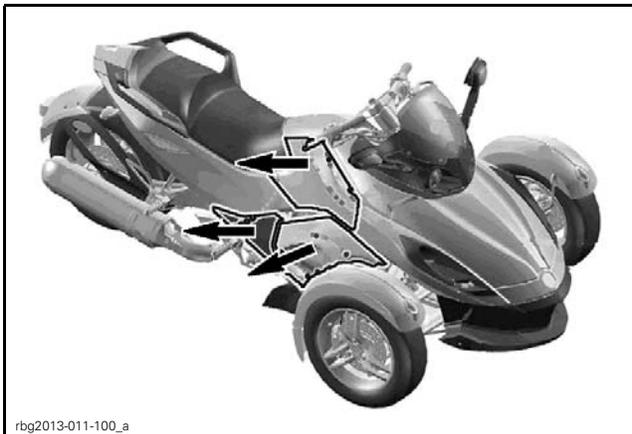
1. Place the vehicle on a level surface.
2. Install 4 wheel chocks (2 on each front wheel) to prevent any movements of the vehicle during the procedure.



WHEEL CHOCK INSTALLATION, EACH FRONT WHEEL

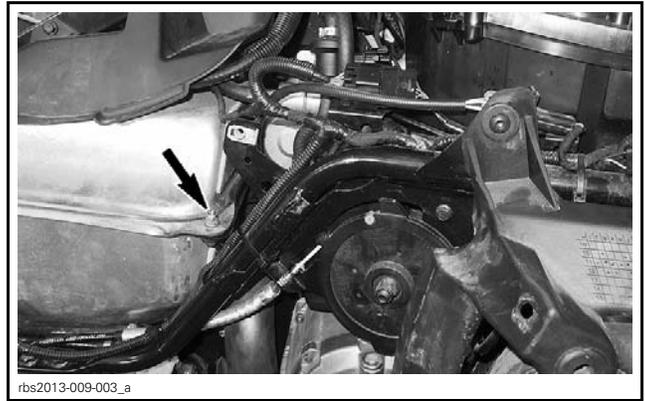
3. RELEASE the parking brake.
4. Remove body parts to access the fuel vapor canister. If required, refer to *2013 ROADSTER SHOP MANUAL* (PIN 219 100 736).

**NOTE:** On **ST models** with rear luggage kits, it is not necessary to remove the rear panel, simply pull gently outwards to be able to remove the 2 inner body screws.

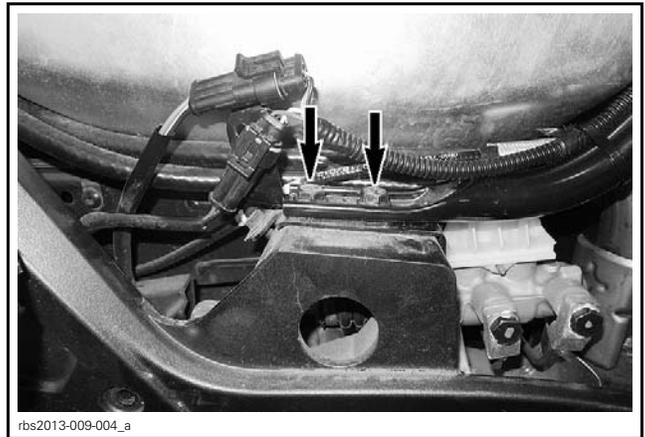


TYPICAL

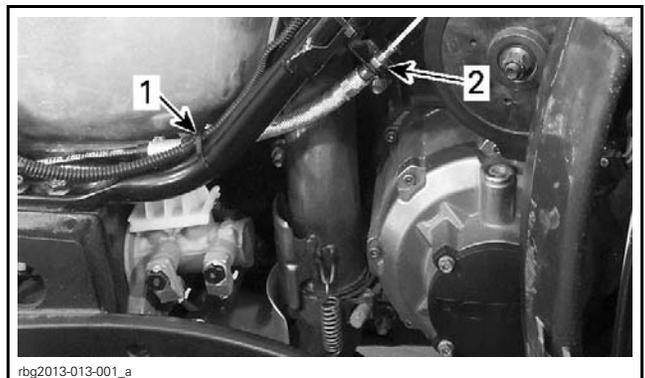
5. Remove the bolt securing lateral support to fuel tank. Discard the nut.



6. Remove and discard bolts (2x) retaining the bottom of RH lateral support.



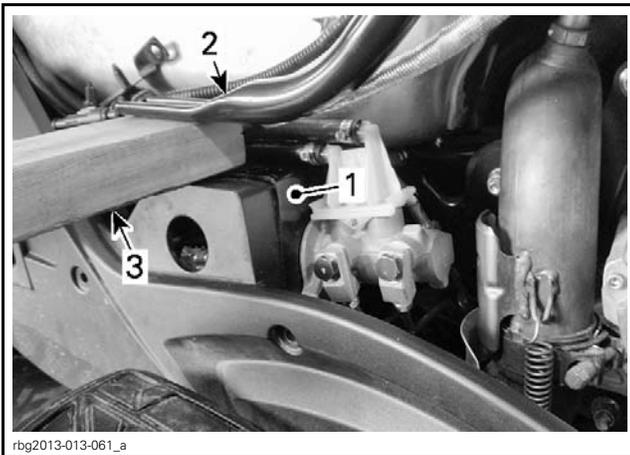
7. Cut locking tie located just in front of tandem master cylinder.
8. Loosen parking brake cable nut.



1. Cut this locking tie
2. Parking brake cable nut

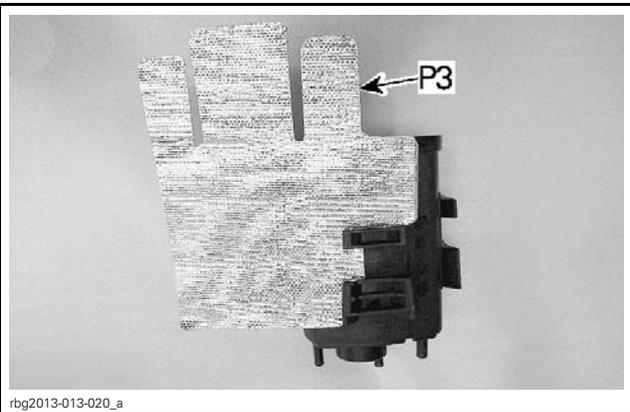
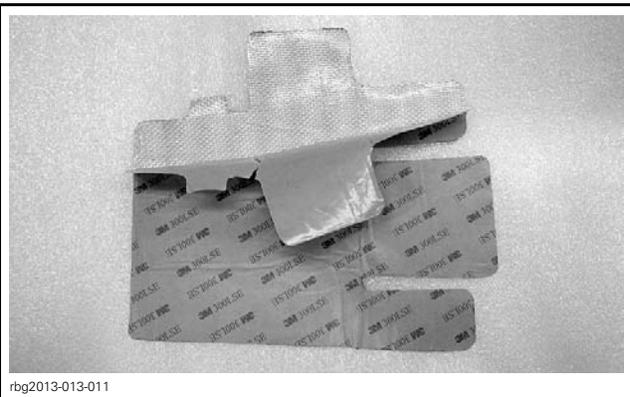
9. Insert a piece of wood (2" x 3") between frame and the bottom of the RH lateral support to ease access.

**NOTICE** To avoid damaging the footrest support, make sure the piece of wood is well positioned between frame and lateral support.



- 1. Frame
- 2. Bottom of RH lateral support
- 3. Piece of wood

- 10. Remove fuel vapor canister.
  - 10.1 Gently pull canister up.
  - 10.2 Remove and discard Oetiker clamps securing hoses.
  - 10.3 Remove canister from vehicle.



**Fuel Vapor Canister Cleaning**

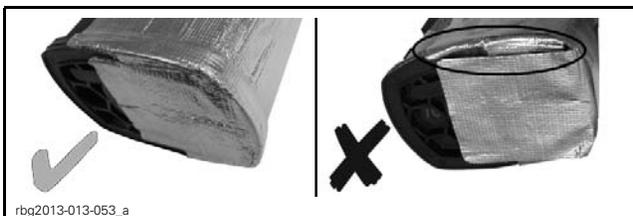
Clean the fuel vapor canister thoroughly with BRP HEAVY DUTY CLEANER (P/N 293 110 001).  
Let dry completely.

**Fuel Vapor Canister Heat Shield Installation**

Install the reflective heat shield [P3] on the canister.  
Use the following illustrations to position the reflective heat shield properly on the canister.



**NOTICE** Corner junctions must be completely covered by the reflective heat shield.



PROPER AND IMPROPER INSTALLATION

### Fuel Vapor Canister Installation

Reinstall fuel vapor canister using new Oetiker clamps [P9] and [P10].

Make sure that the fuel vapor canister is properly locked on its support.

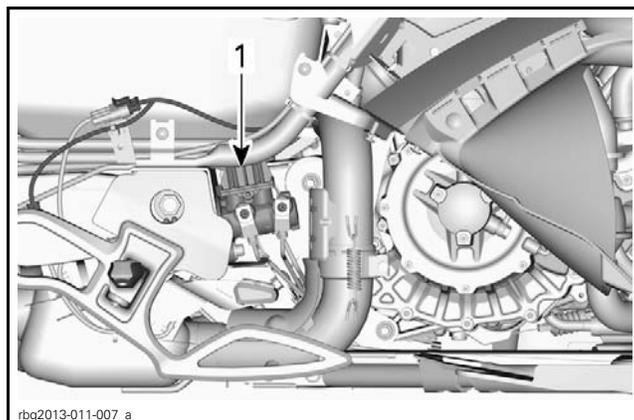
## Tandem Master Cylinder Manifold Inlet

### Tandem Master Cylinder Manifold Inlet Inspection

NOTE: The inspection should be performed on registered units only.

With the tandem master cylinder still installed on the vehicle, visually inspect the tandem master cylinder manifold inlet for signs of deformation.

USE ILLUSTRATIONS AT THE END OF THIS BULLETIN TO DETERMINE IF THE DAMAGES TO THE COMPONENT ARE ACCEPTABLE OR NOT.



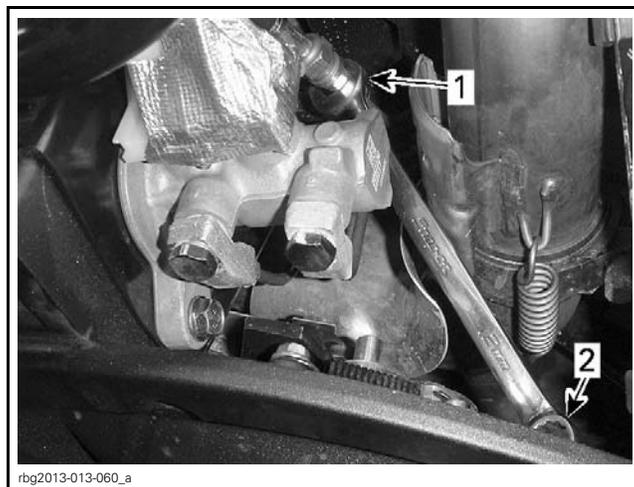
TYPICAL - VIEW FROM RIGHT SIDE

1. Tandem master cylinder manifold inlet

SITUATION	TO DO
ACCEPTABLE ✓	Install all reflective heat shields and the heat deflector as per the procedure described in this bulletin.
NON-ACCEPTABLE ✗	Replace the tandem master cylinder, refer to <i>SERVICE BULLETIN 2013-9</i> for the latest procedure. Install heat deflector and all reflective heat shields.

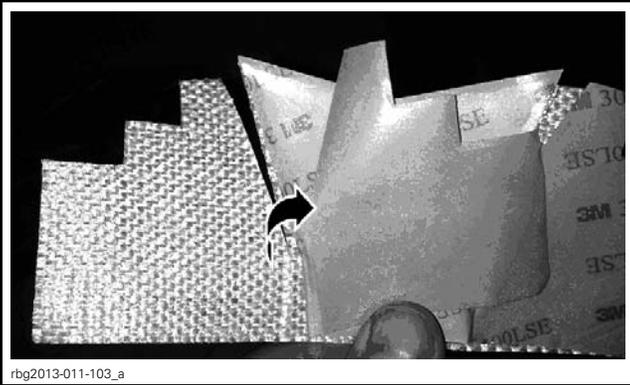
### Heat Deflector and Tandem Master Cylinder Manifold Inlet Reflective Heat Shield Installation

1. Before starting the following procedure, insert an open/close wrench, as shown, in order to give sufficient space to clean and apply the heat shield properly.

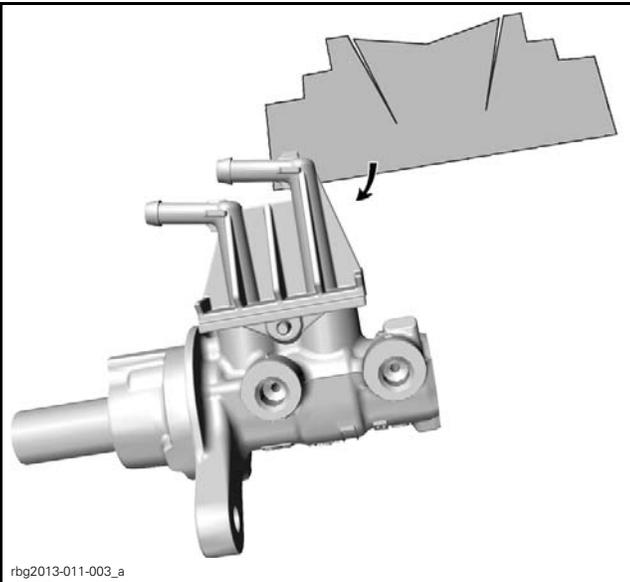


1. Open side of wrench uses to push the brake hose  
2. Close side leans against footrest support

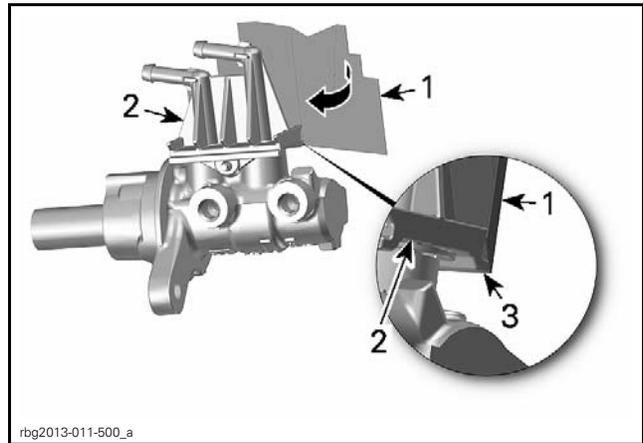
2. Spray BRP HEAVY DUTY CLEANER (P/N 293 110 001) in a clean cloth and wipe down the tandem master cylinder manifold inlet (the edges and base of the manifold inlet must be free of dirt, lubricant etc.).
3. Slide the exposed sticky side on the inside of the tandem master cylinder manifold inlet making sure the bottom edge is lined up with the bottom of the manifold inlet.



4. Remove the rest of the protective backing. Slide the reflective heat shield between the frame support and the tandem master cylinder manifold inlet aligning the lower edges together.

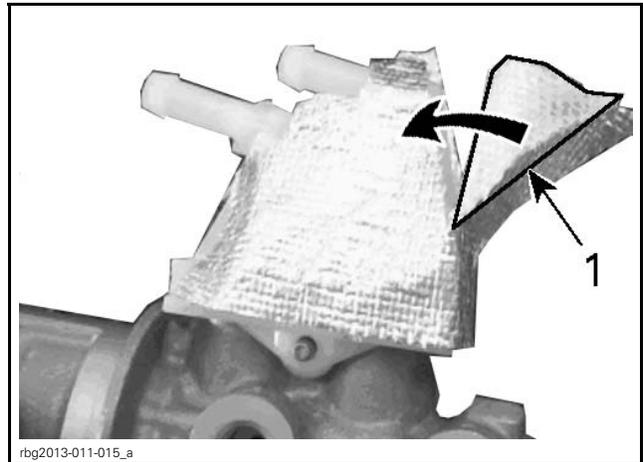


**NOTICE** Make sure lower edges of heat shield and manifold inlet are properly aligned.

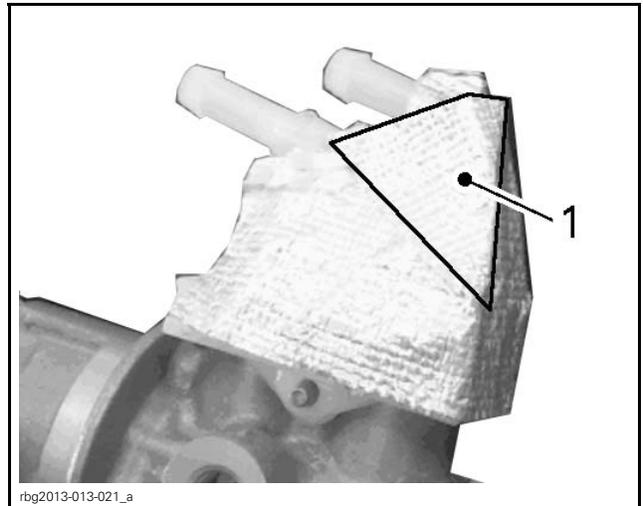


1. Heat shield
2. Manifold inlet
3. Lower edges perfectly aligned

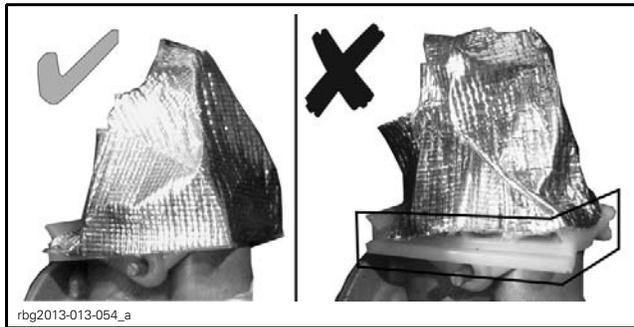
5. Fold the two tabs on tandem master cylinder manifold inlet to finish the installation.



1. Unfolded tabs



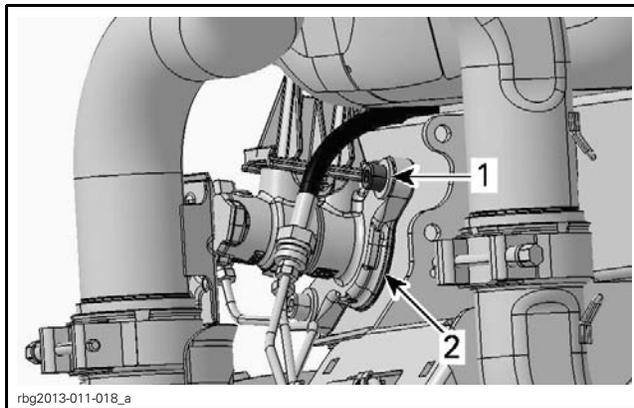
1. Folded tabs



PROPER AND IMPROPER INSTALLATION

6. Remove and discard the inner tandem master cylinder screw and its washer.

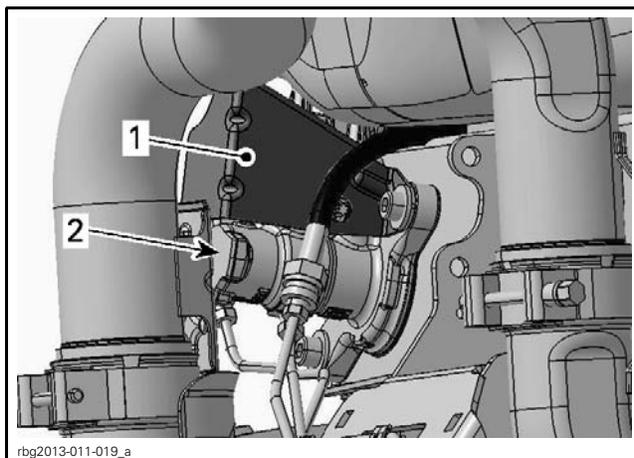
**NOTICE** Do not use a ball end Allen to remove the tandem master cylinder screw, the risk of stripping is high.



VIEW BEHIND TANDEM MASTER CYLINDER

1. Screw and washer
2. Tandem master cylinder

7. Insert the heat deflector [P1]; make sure the tandem master cylinder manifold inlet retaining pin is centered with the hole.

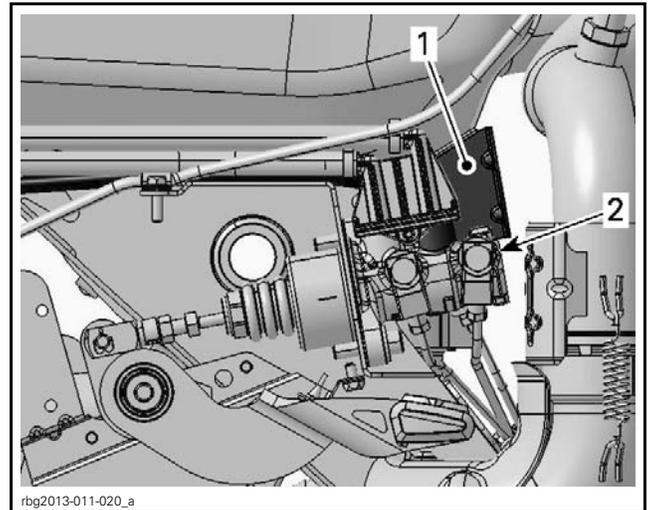


VIEW BEHIND TANDEM MASTER CYLINDER

1. Installed heat deflector
2. Tandem master cylinder

8. Secure tandem master cylinder using the new M8 X 30 hexagonal flange screw [P5].

TIGHTENING TORQUE	
M8 X 30 hexagonal flange screw [P5]	24.5 N•m ± 3.5 N•m (18 lbf•ft ± 3 lbf•ft)



VIEW FROM RIGHT SIDE

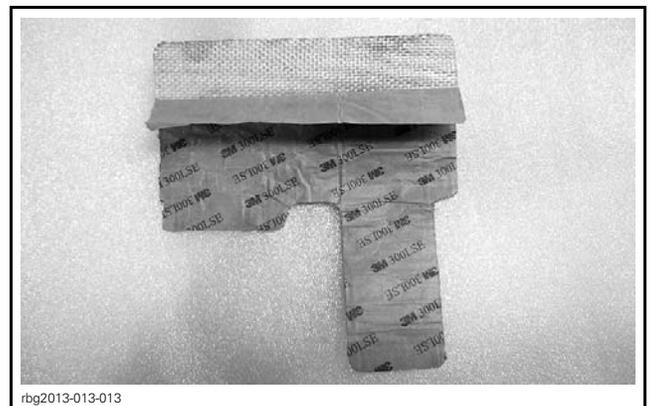
1. Heat deflector in place
2. Tandem master cylinder

9. Replace the outer tandem master cylinder screw (Allen screw) with the remaining M8 X 30 hexagonal flange screw [P5].

## Parking Brake Cable

1. Clean the parking brake cable shield with BRP HEAVY DUTY CLEANER (P/N 293 110 001). Let it dry thoroughly.

2. Peel off approximately 25.4 mm (1 in) of the back paper of the reflective heat shield [P4].

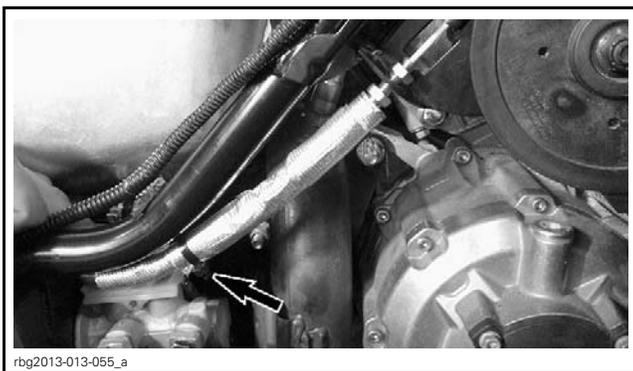


3. Start the installation by applying as shown and roll the heat shield around the brake cable as tight as you can.

**NOTICE** Make sure the heat shield edge leans against the parking brake cable nut.



4. To prevent the unsticking of the heat shield, install a locking tie [P8] at the bottom end of the heat shield.



5. Secure parking brake cable and wiring harness to RH lateral support using the remaining locking tie [P8].

6. Tighten parking brake cable nut.

7. Reinstall RH lateral support using new M8 x 20 hexagonal flanged screw (with self-locking product) [P6] and new M6 hexagonal flanged elastic nut [P7].

TIGHTENING TORQUE	
M8 x 20 hexagonal flanged screw (with self-locking product)	15 N•m (133 lbf•in)
M6 hexagonal flanged elastic nut	7.5 N•m (66 lbf•in)

8. Reinstall all removed body parts.

## WARRANTY

Submit a warranty claim using the following information.

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

CAMPAIGN NUMBER	2013-0013
Claim Type	Campaign Claim
Action	Repair
Flat Rate Time	1 hour

Click in the *REPAIR* check box while completing your claim on BOSSWeb.

## Tandem Master Cylinder Replacement

If a tandem master cylinder assembly had to be replaced, select both campaigns. Note that the added flat rate for the tandem master cylinder replacement takes in consideration that the work to access the parts is included into the reflective heat shields and heat deflector installation flat rate. The flat rate is calculated using the latest procedure of Service Bulletin 2013-9.

CAMPAIGN NUMBER	2013-0014
Claim Type	Campaign Claim
Action	Repair
Flat Rate Time	0.9 hour

Click in the *REPAIR* check box while completing your claim on BOSSWeb.

## Parts Return

Dealers and distributors are required to return removed parts to support their claims.

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## 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, JOE 2L0
OTHERS COUNTRIES	Contact your local distributor or BRP Regional Office.

## Warranty Shipping Address Decals

Warranty shipping address decals can be ordered if needed.

COUNTRY	PART NUMBER
U.S.A.	490 901 601
Canada	484 500 001

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 ACCEPTABLE

 NON ACCEPTABLE

# SAFETY RECALL NOTICE



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T 450.532.2211 F 450.532.5133

[www.brp.com](http://www.brp.com)

Date: September 4<sup>th</sup>, 2013

## **Re: Can-Am® Spyder® Roadster - Tandem Master Cylinder Manifold Inlet - Fire Hazard**

Dear Can-Am Roadster Owner,

This notice is being sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act and the Canada Motor Vehicle Safety Act. Bombardier Recreational Products Inc. and BRP US Inc. ("BRP") have decided that a defect which relates to motor vehicle safety exists on certain roadster models and are conducting a safety recall.

Our records show that you own a potentially affected vehicle.

### **What is the potential problem?**

Under some riding conditions, the tandem master cylinder manifold inlet may melt and cause brake fluid dripping onto a heat source which may lead to a vehicle fire.

### **Which models are involved?**

Can-Am Spyder ST™ series and RT™ series roadsters, model year 2013.

### **What should you do?**

Call an authorized BRP Can-Am Roadster dealer and make an appointment to have your vehicle repaired. The solution is the installation of reflecting heat shields and heat deflector. This repair should take approximately 1 hour to complete. *The dealer will perform this work at no charge to you.* If you had this repair before you receive this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall.

### **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 [www.safercar.gov](http://www.safercar.gov). 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.

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

**If you have questions, need assistance, or to find the nearest authorized BRP Can-am Roadster dealer:**

- Visit [www.can-am.brp.com](http://www.can-am.brp.com)
- In the US and Canada: 1-888-638-5397  
9:30 AM to 5:30 PM Eastern time Monday to Thursday,  
10:30 AM to 5:30 PM Eastern time Friday

Your continued satisfaction with your roadster is important to us. Please understand that we have taken this action in the interest of your safety and your vehicle's proper operation. We apologize for any inconvenience this may cause you.

Thank you for your immediate attention to this matter.

Sincerely,

After-Sales Service Department,  
Bombardier Recreational Products Inc.