

can-am**SAFETY**
CAMPAIGNMASTER
WARRANTY

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

Campaign no.: 2010-0002

December 14, 2009 Subject: **Ignition Switch Connector and Ignition Switch Harness Routing**

No. **2010-x**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2010	Spyder™ RT SM5 and SE5	B5AA - B5AB - B5AG	See attached list

PROBLEM

The connector on the key switch harness may not be locked and the ignition switch harness may be routed too tight. In some situations, the connector may unplug. If this occurs, the vehicle may stall without warning and could potentially cause a crash.

SOLUTION

Inspect to ensure that the connector is locked and inspect to ensure that the ignition switch harness is not routed too tight and correct harness routing accordingly if needed.

PARTS REQUIRED

DESCRIPTION	P/N	QTY
Locking Tie	293 750 008	1

PROCEDURE

Vehicle preparation

NOTE: Panels are secured using screws with different lengths and sizes. During panels removal, it is important to keep track of which screws come from each panel.

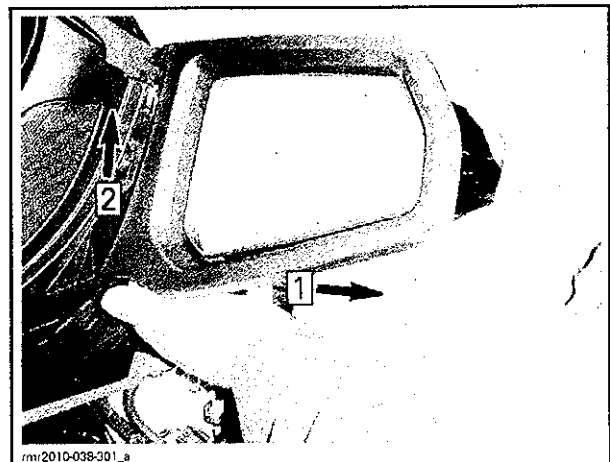
1. Remove mirrors as follows:

- 1.1 Pull lower part of mirror toward the outside to unlock it.

- 1.2 Slide mirror upwards to unhook it from upper slot.

- 1.3 Disconnect turn signal connector.

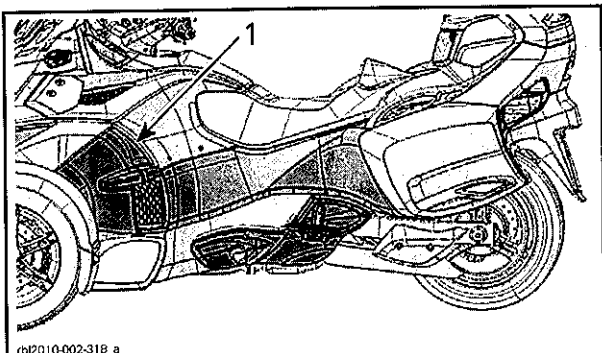
NOTE: Be careful not to drop connector into vehicle chassis.



Step 1: Pull toward the outside
Step 2: Slide upwards

2. Remove middle side panels as follows:

- 2.1 Pull panel toward the outside to remove it from grommets at the front.
- 2.2 Unhook the rear.

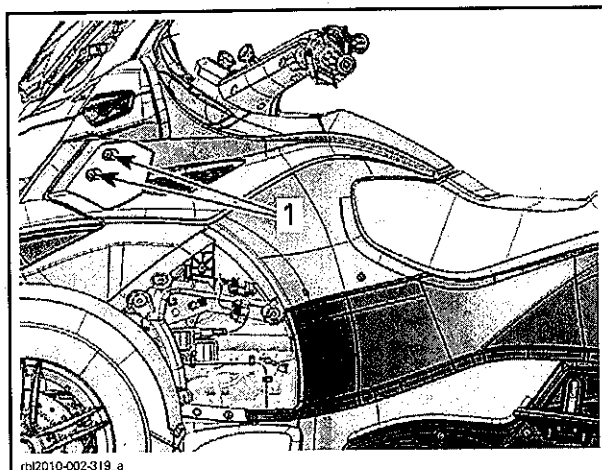


rbt2010-002-318_a

TYPICAL

1. Middle side panel

3. Remove retaining screws from lower wind deflectors.

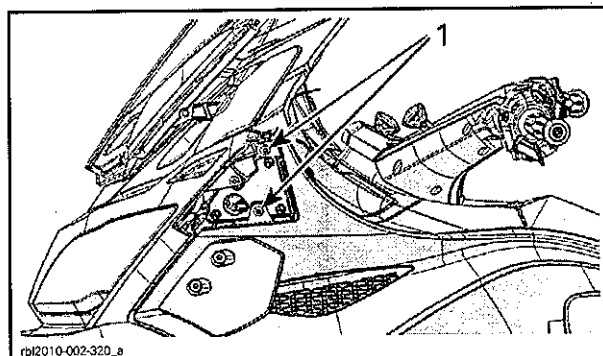


rbt2010-002-319_a

TYPICAL

1. Retaining screws of wind deflector

4. Remove upper retaining screws from top side panels.

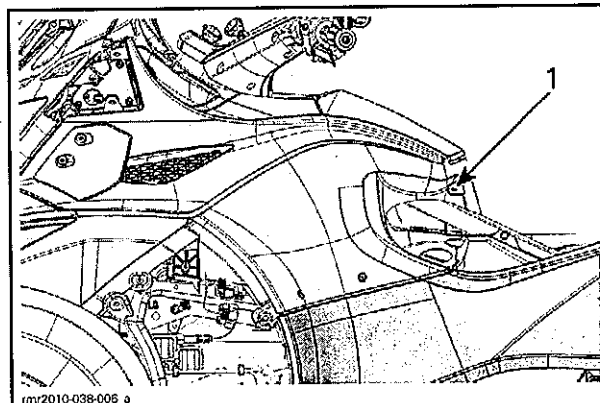


rbt2010-002-320_a

TYPICAL

1. Upper retaining screws

5. Remove rear retaining screw from top side panels.

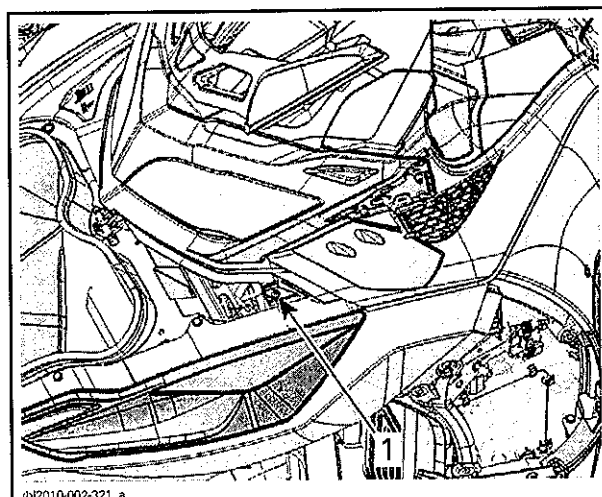


rmr2010-038-006_a

TYPICAL

1. Rear retaining screw

6. Remove front retaining screw from top side panels.



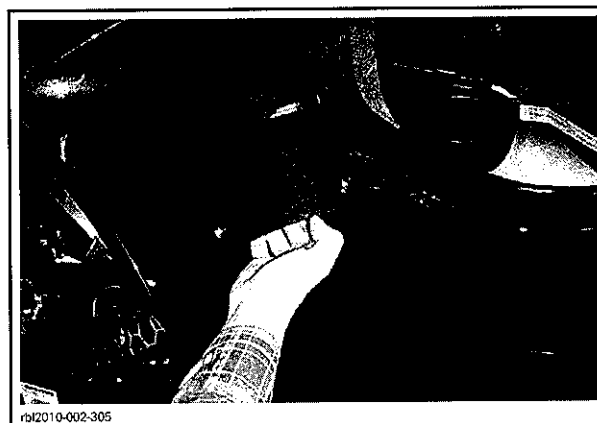
rbt2010-002-321_a

TYPICAL

1. Front retaining screw

7. Pull out lower part of top side panel to remove it from grommets.

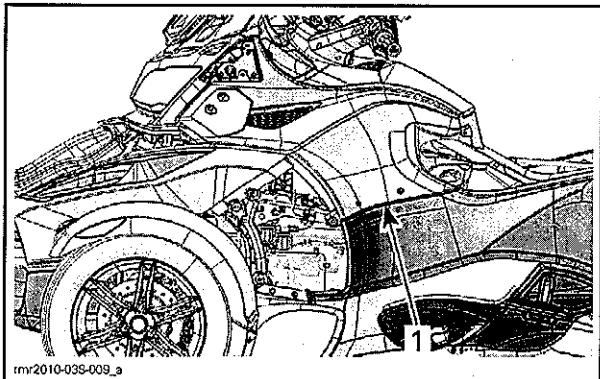
NOTE: Do not remove lower screws from top side panel.



rbt2010-002-305

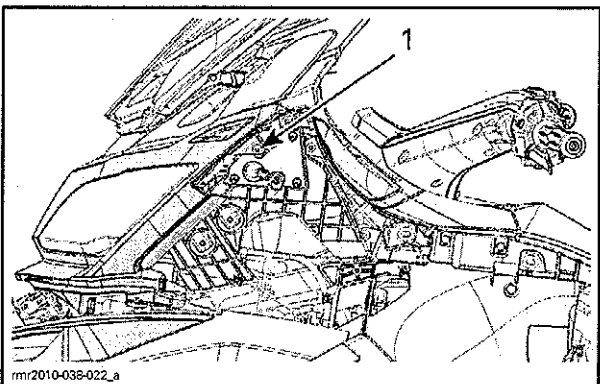
FOR APPROVAL ONLY

8. Remove top side panels by lifting them upwards.



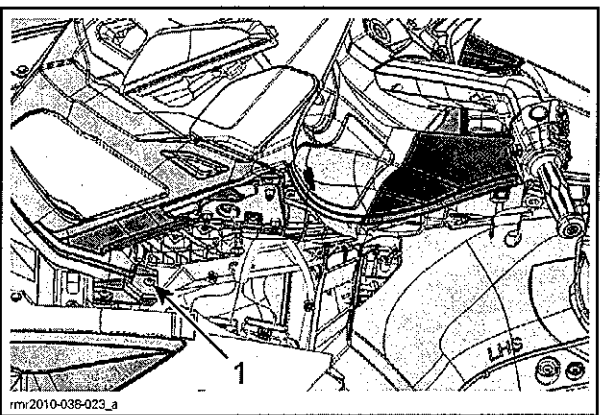
TYPICAL
1. Top side panel

9. Remove upper retaining screws from front fascia.



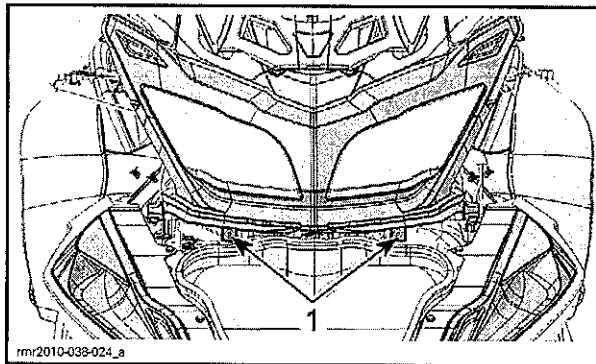
TYPICAL
1. Upper retaining screw

10. Remove middle retaining screws from front fascia.



TYPICAL
1. Middle retaining screw

11. Remove lower retaining screws and washers from front fascia.

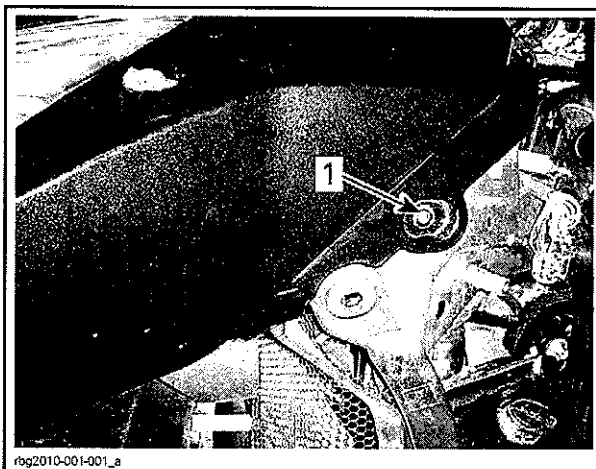


TYPICAL
1. Lower retaining screw

12. Remove front fascia from vehicle.

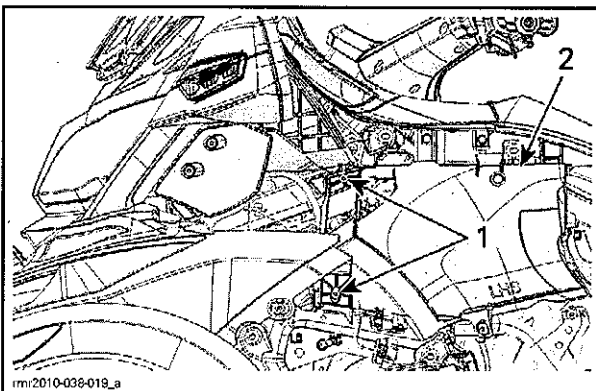
13. Remove LH acoustic panel

- 13.1 Remove rear retaining screw from front panel



1. Rear retaining screw

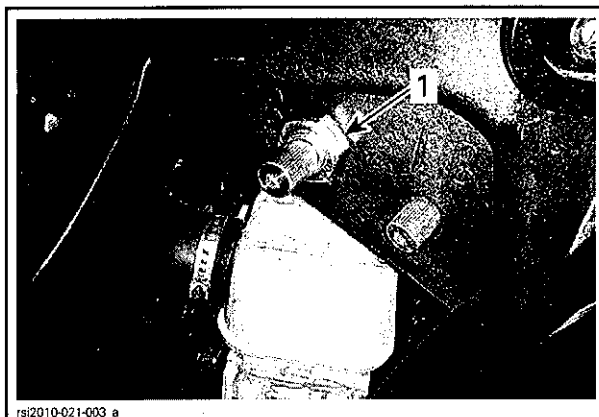
- 13.2 Remove retaining screws from LH acoustic panel.



1. LH lateral acoustic panel
2. Retaining screws

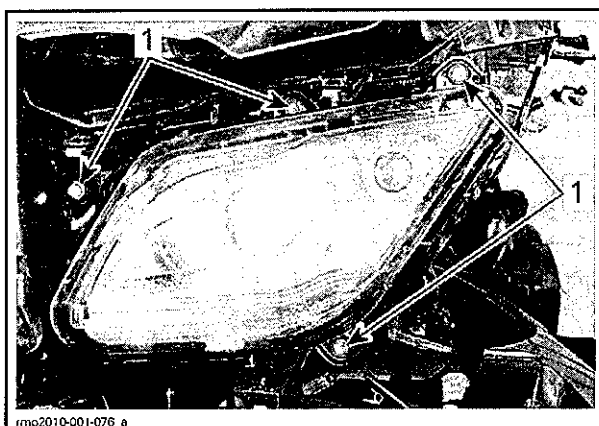
- 13.3 Gently pull the front panel to ease removal of the acoustic panel.

- 13.4 Remove LH acoustic panel from vehicle.
14. Remove headlights.
 - 14.1 Remove nuts securing headlight adjustment cables.



1. Nut securing headlight adjustment cable

- 14.2 Remove 4 retaining screws from both headlights.



1. Retaining screws

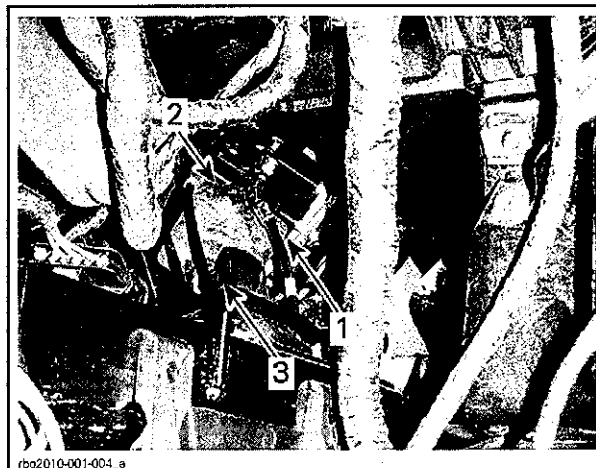
- 14.3 Disconnect headlight connectors.
- 14.4 Pull headlights and adjustment cables out of location.

Inspection Procedure

1. Ensure that the ignition switch harness is not routed too tight.
 - 1.1 Reach for ignition switch harness through headlight openings.
 - 1.2 Gently pull on harness to ensure the harness is not tightly held. It should freely move.
 - 1.3 Repeat steps 1.1 and 1.2 with steering fully turned right and left.

2. Ensure connector is locked.

- 2.1 Pull rubber boot around the ignition switch connector to provide access to the connector.



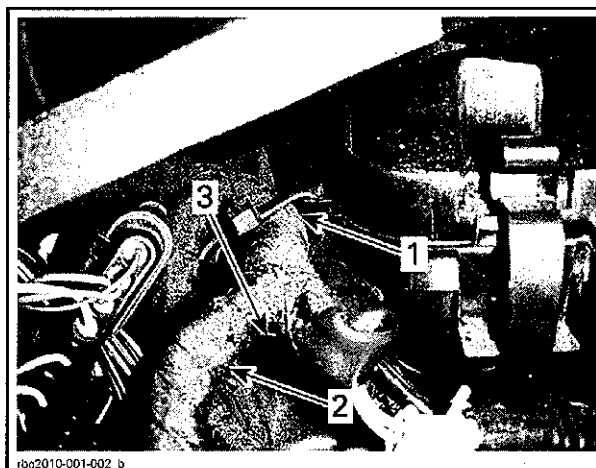
1. Ignition switch connector
2. Rubber boot
3. Ignition switch harness

- 2.2 Using both hands, ensure connector is well engaged in its housing and locked by locking tabs.

- 2.3 Reinstall rubber boot

3. Verify locking tie location on ignition switch harness in front of air box.

- 3.1 Locking tie should attach harness to air box before the branching point.



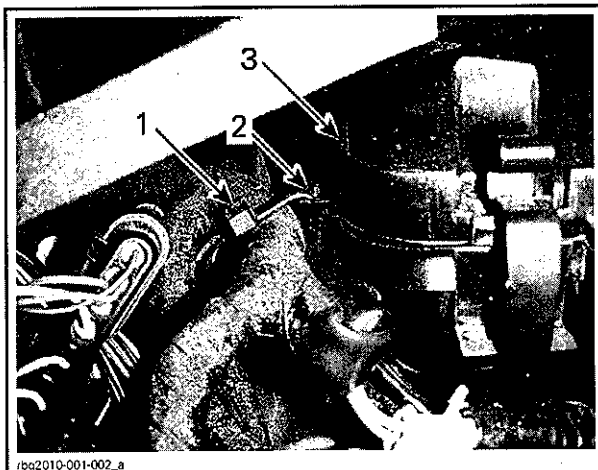
1. Wrong locking tie location on harness
2. Correct locking tie location on harness
3. Branching point

- 3.2 If locking tie position is incorrect, proceed with the repair procedure.

FOR APPROVAL ONLY

Repair Procedure

1. Cut locking tie located on vehicle harness in front of air box.



1. Tie rap
2. Attachment point on air box
3. Air box

2. Pull ignition switch harness towards front of vehicle from LH headlight opening.
3. Push harness from LH of vehicle to align with the attachment hole on air box.
4. Verify harness is not tight by pulling from LH headlight opening.
5. Reinstall new locking tie to attach ignition switch harness to air box.



1. Locking tie
2. Attachment point on air box
3. Air box

6. Turn steering completely to the LH side and RH side to ensure ignition switch harness is not tight in any position.

Installation of headlights and body parts

The installation is the reverse of the removal procedure. However, pay attention to the following.

Torque headlight screws to $2.5 \text{ N}\cdot\text{m} \pm 0.5 \text{ N}\cdot\text{m}$ ($22 \text{ lbf}\cdot\text{in} \pm 4 \text{ lbf}\cdot\text{in}$).

Torque acoustic panel screws to $6 \text{ N}\cdot\text{m} \pm 1 \text{ N}\cdot\text{m}$ ($53 \text{ lbf}\cdot\text{in} \pm 9 \text{ lbf}\cdot\text{in}$).

Torque all other plastic panel screws to $2.5 \text{ N}\cdot\text{m} \pm 0.5 \text{ N}\cdot\text{m}$ ($22 \text{ lbf}\cdot\text{in} \pm 4 \text{ lbf}\cdot\text{in}$).

NOTICE Be careful when tightening plastic panels. Any deformation on the panel around the screw is an indication that it is too tight. Do not over torque panels in order to avoid to damage them.

Headlight alignment is not required if it was previously performed at PDI.

WARRANTY

Submit a warranty claim using the following information:

CAMPAIGN NUMBER	2010-0002
Claim Type	Campaign Claim
Action	Repair
Flat Rate Time	0.5 hours

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

NOTE: This flat rate includes time for inspection and repair even if you perform the inspection only.

REPAIR	✓
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Claiming Procedure

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

**SERIAL NUMBERS LISTING OF INVOLVED
VEHICLES....TO COME**

FOR APPROVAL ONLY

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

«SEQ_NO»
«SERNR» «MODEL_YR» «CMP_NO»
«NAME2» «NAME1»
«STREET»
«PO_BOX1»
«CITY» «REGION» «ZIP»
«COUNTRY»

Date: December 14, 2009

Re: Ignition Switch Connector and Ignition Switch Harness Routing

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, 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 Spyder Roadster models and are conducting a voluntary safety recall.

What is the potential problem?

The connector on the key switch harness may not be locked and the ignition switch harness may be routed too tight. In some situations, the connector may unplug. If this occurs, the vehicle may stall without warning and could potentially cause a crash.

What should you do?

Call an authorized BRP Can-Am Spyder Roadster dealer and make an appointment to have your vehicle repaired. We will inspect to ensure that the connector is locked and will inspect to ensure that the ignition switch harness is not routed too tight and will correct harness routing accordingly if needed. *The dealer will perform this work at no charge to you.*

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.

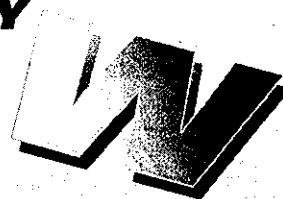
If you have questions, need assistance, or to find the nearest authorized BRP Roadster dealer:

- Visit www.can-am.brp.com
- In the US and Canada: 1-888-638-5397, 8:00 to 18:00 Eastern time

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.

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

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

Campaign no.: 2010-0001

November 11, 2009 Subject: **Ignition Switch Harness Routing**No. **2010-1**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2010	Spyder™ RT SM5 and SE5	B5AA - B5AB - B5AG	See attached list

PROBLEM

On a limited quantity of vehicles, there is a possibility that the connector on the key switch harness could be pulled and unplugged when the handlebars are turned fully to the right.

SOLUTION

Inspect ignition switch harness and re-route if needed.

PARTS REQUIRED

DESCRIPTION	P/N	QTY
Locking Tie	293 750 008	1

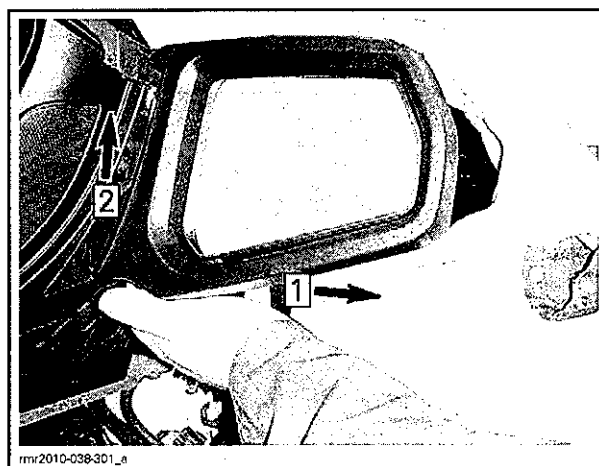
PROCEDURE**Vehicle preparation**

NOTE: Panels are secured using screws with different lengths and sizes. During panels removal, It is important to keep track of which screws come from each panel.

1. Remove mirrors as follows:

- 1.1 Pull lower part of mirror toward the outside to unlock it.
- 1.2 Slide mirror upwards to unhook it from upper slot.
- 1.3 Disconnect turn signal connector.

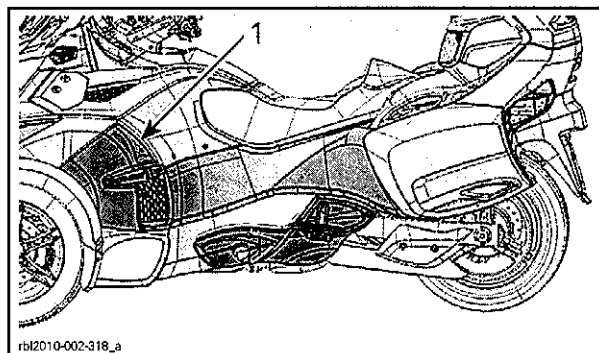
NOTE: Be careful not to drop connector into vehicle chassis.



Step 1: Pull toward the outside
Step 2: Slide upwards

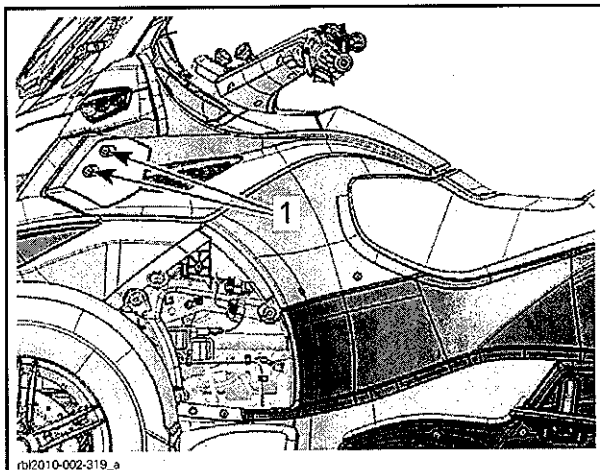
2. Remove middle side panels as follows:

- 2.1 Pull panel toward the outside to remove it from grommets at the front.
- 2.2 Unhook the rear.



TYPICAL
1. Middle side panel

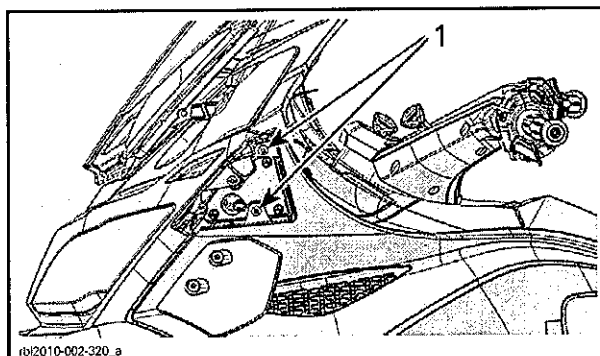
3. Remove retaining screws from lower wind deflectors.



TYPICAL

1. Retaining screws of wind deflector

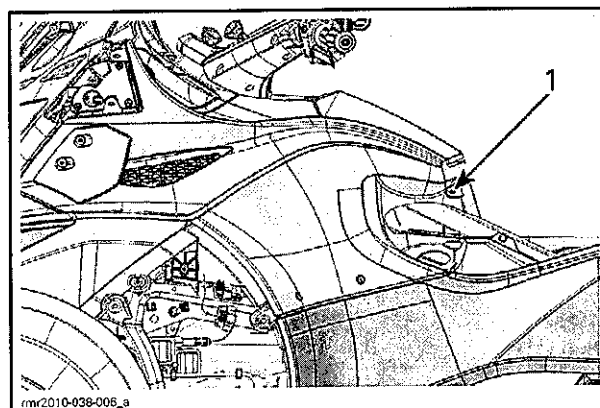
4. Remove upper retaining screws from top side panels.



TYPICAL

1. Upper retaining screws

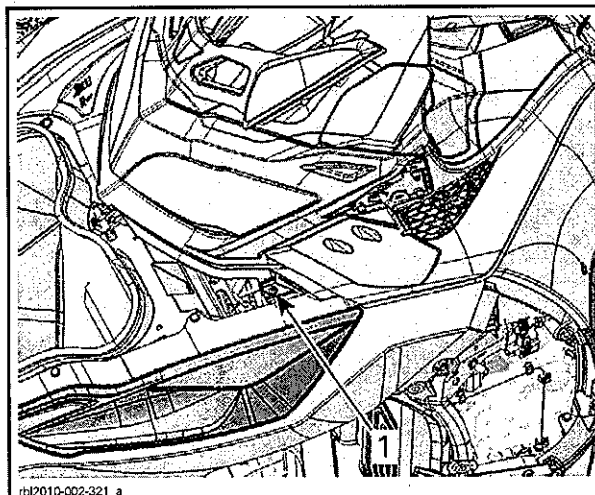
5. Remove rear retaining screw from top side panels.



TYPICAL

1. Rear retaining screw

6. Remove front retaining screw from top side panels.



TYPICAL

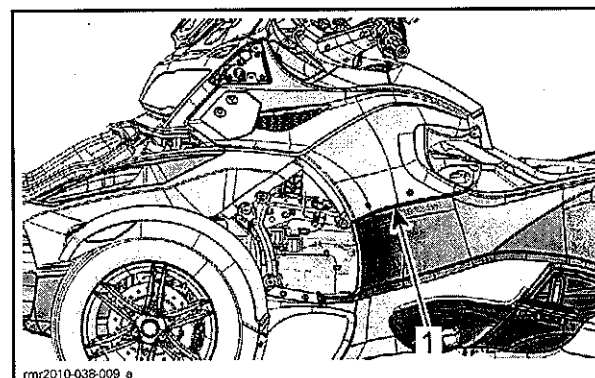
1. Front retaining screw

7. Pull out lower part of top side panel to remove it from grommets.

NOTE: Do not remove lower screws from top side panel.



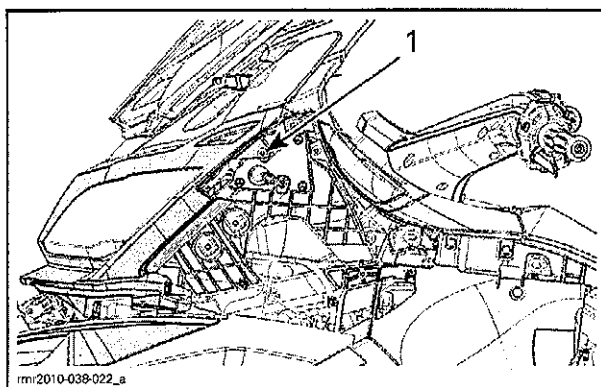
8. Remove top side panels by lifting them upwards.



TYPICAL

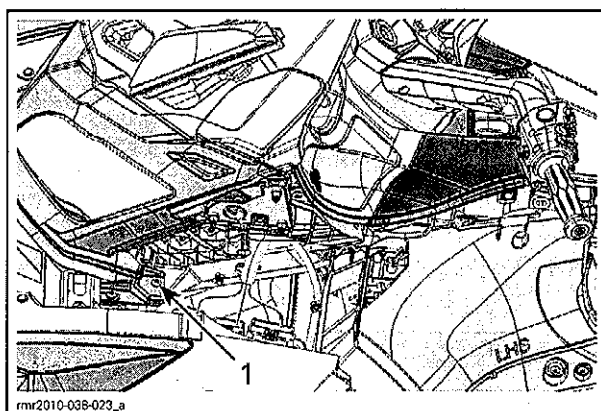
1. Top side panel

9. Remove upper retaining screws from front fascia.



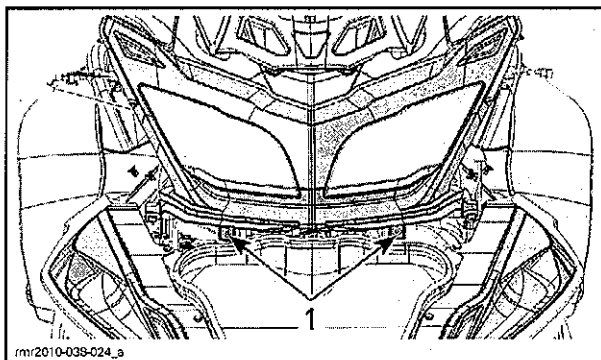
TYPICAL
1. Upper retaining screw

10. Remove middle retaining screws from front fascia.



TYPICAL
1. Middle retaining screw

11. Remove lower retaining screws and washers from front fascia.

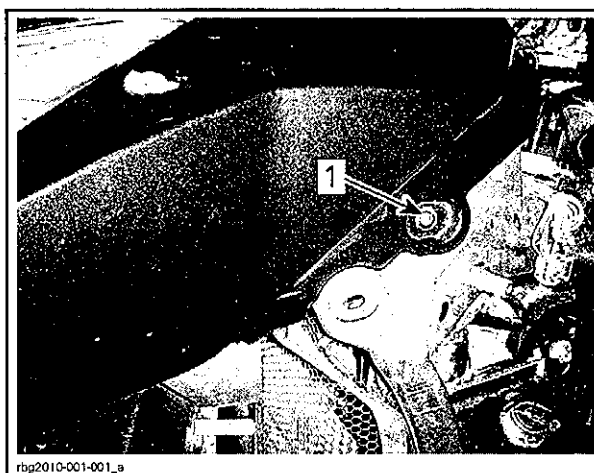


TYPICAL
1. Lower retaining screw

12. Remove front fascia from vehicle.

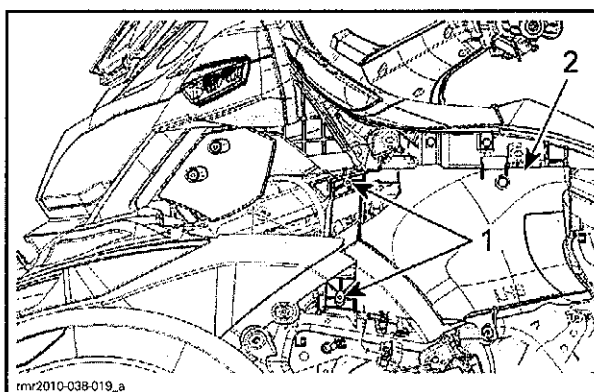
13. Remove LH acoustic panel

13.1 Remove rear retaining screw from front panel



1. Rear retaining screw

13.2 Remove retaining screws from LH acoustic panel.



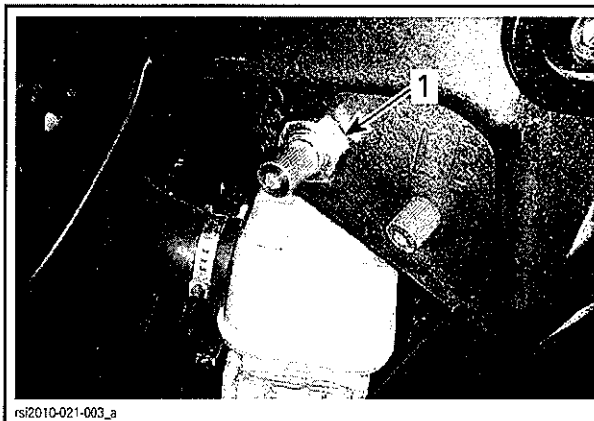
1. LH lateral acoustic panel
2. Retaining screws

13.3 Gently pull the front panel to ease removal of the acoustic panel.

13.4 Remove LH acoustic panel from vehicle.

14. Remove headlights.

14.1 Remove nuts securing headlight adjustment cables.



1. Nut securing headlight adjustment cable

14.2 Remove 4 retaining screws from both headlights.



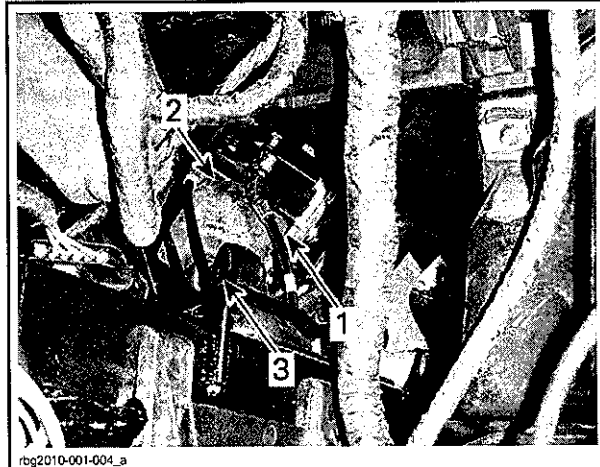
1. Retaining screws

14.3 Disconnect headlight connectors.

14.4 Pull headlights and adjustment cables out of location.

Inspection Procedure

1. Ensure that the ignition switch harness is not routed too tight.
 - 1.1 Reach for ignition switch harness through headlight openings.
 - 1.2 Gently pull on harness to ensure the harness is not tightly held. It should freely move.
 - 1.3 Repeat steps 1.1 and 1.2 with steering fully turned right and left.
2. Ensure connector is locked.
 - 2.1 Pull rubber boot around the ignition switch connector to provide access to the connector.



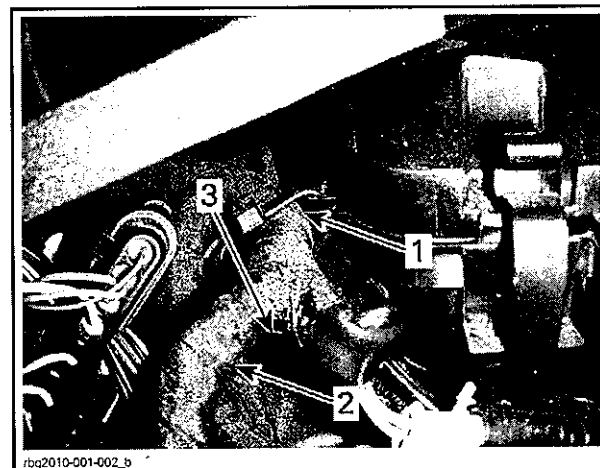
1. Ignition switch connector
2. Rubber boot
3. Ignition switch harness

2.2 Using both hands, ensure connector is well engaged in its housing and locked by locking tabs.

2.3 Reinstall rubber boot

3. Verify locking tie location on ignition switch harness in front of air box.

3.1 Locking tie should attach harness to air box before the branching point.

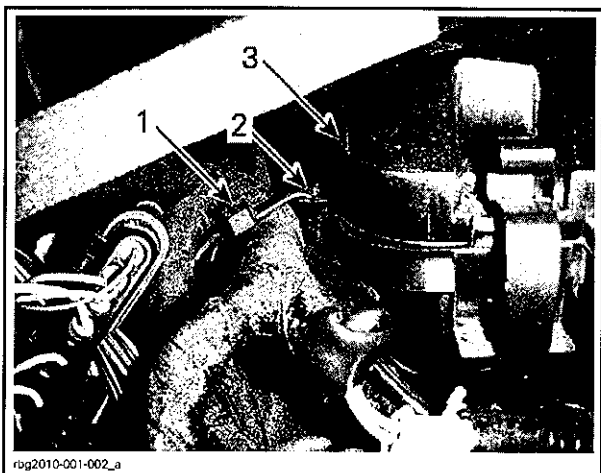


1. Wrong locking tie location on harness
2. Correct locking tie location on harness
3. Branching point

3.2 If locking tie position is incorrect, proceed with the repair procedure.

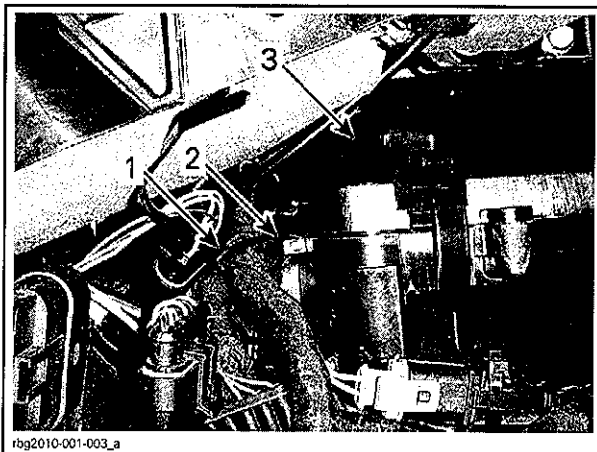
Repair Procedure

1. Cut locking tie located on vehicle harness in front of air box.



1. Tie rap
2. Attachment point on air box
3. Air box

2. Pull ignition switch harness towards front of vehicle from LH headlight opening.
3. Push harness from LH of vehicle to align with the attachment hole on air box.
4. Verify harness is not tight by pulling from LH headlight opening.
5. Reinstall new locking tie to attach ignition switch harness to air box.



1. Locking tie
2. Attachment point on air box
3. Air box

6. Turn steering completely to the LH side and RH side to ensure ignition switch harness is not tight in any position.

Installation of headlights and body parts

The installation is the reverse of the removal procedure. However, pay attention to the following.

Torque headlight screws to $2.5 \text{ N}\cdot\text{m} \pm 0.5 \text{ N}\cdot\text{m}$ ($22 \text{ lbf}\cdot\text{in} \pm 4 \text{ lbf}\cdot\text{in}$).

Torque acoustic panel screws to $6 \text{ N}\cdot\text{m} \pm 1 \text{ N}\cdot\text{m}$ ($53 \text{ lbf}\cdot\text{in} \pm 9 \text{ lbf}\cdot\text{in}$).

Torque all other plastic panel screws to $2.5 \text{ N}\cdot\text{m} \pm 0.5 \text{ N}\cdot\text{m}$ ($22 \text{ lbf}\cdot\text{in} \pm 4 \text{ lbf}\cdot\text{in}$).

NOTICE Be careful when tightening plastic panels. Any deformation on the panel around the screw is an indication that it is too tight. Do not over torque panels in order to avoid to damage them.

Headlight alignment is not required if it was previously performed at PDI.

WARRANTY

Submit a warranty claim using the following information:

CAMPAIGN NUMBER	2010-0001
Claim Type	Campaign Claim
Action	Repair
Flat Rate Time	0.5 hours

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

NOTE: This flat rate includes time for inspection and repair even if you perform the inspection only.

REPAIR	✓
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Claiming Procedure

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

SERIAL NUMBERS LISTING OF INVOLVED VEHICLES

Model: B5AA

From 000065 to 000074
From 000076 to 000084
From 000086 to 000101
From 000103 to 000105
From 000107 to 000131
From 000133 to 000140
From 000142 to 000143
From 000145 to 000161
From 000163 to 000198
From 000200 to 000202
From 000204 to 000211
From 000213 to 000223
From 000225 to 000235
From 000237 to 000247
000249
From 000251 to 000261
From 000263 to 000276
From 000278 to 000286
From 000288 to 000291
From 000293 to 000310
From 000312 to 000331
From 000333 to 000381
From 000383 to 000386

Model: B5AB

From 000042 to 000064

Model: B5AG

From 000011 to 000015
From 000017 to 000023
From 000026 to 000027
From 000029 to 000030
000032
From 000034 to 000038
From 000040 to 000049
From 000051 to 000060