



SLINGSHOT

Release Date: 11/24/2015

Expiration Date:

TECHNICAL SERVICE BULLETIN

Slingshot

Bulletin Number: **SLI-15-05**

Model Year(s): **2015-2016**

Safety Bulletin

Service Bulletin

Service Alert Fax

Production Update Kit

Distribution: Owner / Principal

Service Manager

Sales Manager

Parts Manager

Technicians

This Service Bulletin is located at www.polarisdealers.com

-Confidential and Proprietary-

IMPORTANT SAFETY NOTICE! STOP SALE

SUBJECT: 2015-2016 Slingshot / Slingshot SL – Headlight Jumper Harness Installation

PURPOSE:

Polaris has determined that some Slingshot vehicles were manufactured with a headlight circuit that does not meet Polaris quality standards. In some vehicles, heat buildup in the engine compartment may cause the headlight circuit relay to derate below the required current draw of the headlights. In addition, temperatures produced at the fuse box terminal pin may be higher than desired. The result of such a condition could be a loss of forward lighting function. This could cause decreased visibility for the vehicle operator, increasing the risk of a vehicle crash.

POTENTIALLY AFFECTED MODELS:

2015-2016 Slingshot and Slingshot SL models manufactured on or before 10/26/2015.

Use 'Unit Inquiry' or the Service Bulletin VIN Lookup tool on the STOP Site to identify affected vehicles.

WHAT YOUR DEALERSHIP SHOULD DO:

1. **STOP ALL SALES / TEST RIDES / DEMO RIDES** until this Safety Bulletin has been completed on affected units. After the bulletin is completed and a warranty claim has been filed, it is acceptable to resume sales / test rides / demo rides.
2. Review your dealership's inventory to locate potentially affected models.
 - a. Use 'Unit Inquiry'.
 - OR**
 - b. Login to the dealer website.
 - c. Locate the 'Service and Warranty' dropdown, click on STOP Site.
 - d. On the left hand side of the page, under 'STOP Site Links', click on 'Service Bulletins'.
 - e. Locate the SLI-15-05 link and click on the 'All VINs' link located on the right.
 - f. The 'All VINs' page will display all affected VINs within your dealership's inventory.
3. Perform the headlight jumper harness inspection and installation procedure outlined in this Safety Bulletin on all affected units.
4. File a warranty claim following completion and attach a bulletin completion decal as shown on page 2 of this bulletin.

CUSTOMER NOTIFICATION:

A customer notification letter will be sent to all registered owners of affected vehicles. In addition to the notification letter sent by Polaris, dealers are required to review sales records and contact consumers who have purchased a potentially affected vehicle. Make arrangements to perform the steps outlined in this Safety Bulletin immediately.

PARTS / WARRANTY CLAIM INFORMATION:

A single group claim may be submitted listing the complete (17 digit) Vehicle Identification Number for machines with the same model number. File claim type: **SB (Service Bulletin)**. DO NOT PUT MORE THAN ONE MODEL NUMBER ON A CLAIM.

SERVICE BULLETIN #	SLI-15-05
CLAIM TYPE	SB (Service Bulletin)
LABOR ALLOWANCE	30 Minutes (0.5 Hours)
PART NUMBER / DESCRIPTION	7170107 (QTY.1) – Service Bulletin Completion Decal 2881939 (QTY.1) – Kit-Headlight, Relay Jumper
PARTS AVAILABILITY	Available to order
DIRECT-SHIP FROM POLARIS?	No
TO BE ORDERED BY DEALER?	Yes

PARTS RETURN OR DISPOSAL INFORMATION:

International Dealers & Distributors: Under no circumstances shall the part(s) removed in this repair be re-used, sold, or re-purposed for another application. It is your dealership / distributorship's responsibility to make sure every part replaced is taken out of circulation and disposed of properly.

For North American Dealers: Once the warranty claim for each unit has processed, please review the "Check Returned Parts List" on your dealer website to determine whether or not Polaris has asked for the part(s) to be returned. If the part(s) were not identified as needing to be returned to Polaris, please dispose of the part(s) properly.

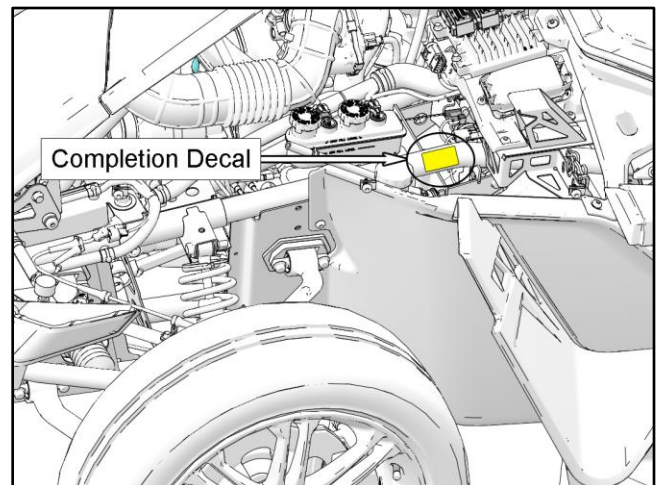
SERVICE BULLETIN COMPLETION DECAL:

A Service Bulletin Completion Decal (PN 7170107) must be completed for this bulletin repair. Place the decal on the left side frame tube, near the brake master cylinder (as shown). If you require more decals, order them through normal Polaris parts ordering channels.

Sincerely,

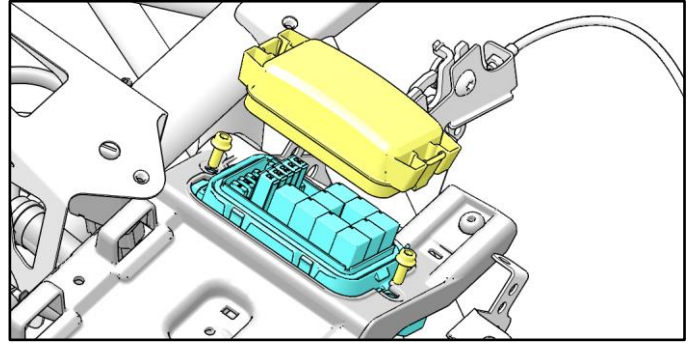


Doug Koch
Technical Service and Warranty Manager



FUSE BOX INSPECTION PROCEDURE

1. Park the vehicle on a level surface and apply the parking brake. Raise the hood.
2. Remove the fuse box cover.
3. Remove the Primary Light Relay. Inspect the fuse box pins for damage.
4. If no damage is observed, proceed to HEADLIGHT JUMPER HARNESS INSTALLATION procedure.
5. If damage is observed, photograph the damaged pins and submit an Ask Polaris case for further guidance before beginning installation procedure.



POWERTRAIN RELAY	STARTER RELAY	PRIMARY LIGHTS RELAY	EPAS RELAY	ECM 10A BRKR	GAUGES 5A FUSE
				POWERTRAIN 20A BRKR	TS / HORN 20A FUSE
FUEL PUMP RELAY	FOG LIGHTS RELAY	TURN SIGNAL RELAY	AUX LIGHTS RELAY	FAN 20A BRKR	FUEL PUMP 10A FUSE
				IGNITION 10A BRKR	EPAS 30A FUSE
COOLING FAN RELAY	ACCESSORY RELAY	HORN RELAY	FOG LIGHTS 10A FUSE	PRI LIGHTS 30A BRKR	RADIO 25A FUSE
			AUX LGHT 20A FUSE	ABS 25A FUSE	ACCESSORY 25A FUSE

INSTALLATION VIDEO

An installation video is available for this procedure.

Click or enter the following link into your browser:

<http://www.tcelearning.com/SSLH/SlingshotAuxLightHarnessInstall.htm>

HEADLIGHT JUMPER HARNESS INSTALLATION

REQUIRED TOOLS

- Socket Wrench,
- Hex Socket: 10 mm
- Torx Drive: T-40
- Torque Wrench
- Allen Drive: 5 mm
- Side Cutting Pliers

INSTALLATION INSTRUCTIONS

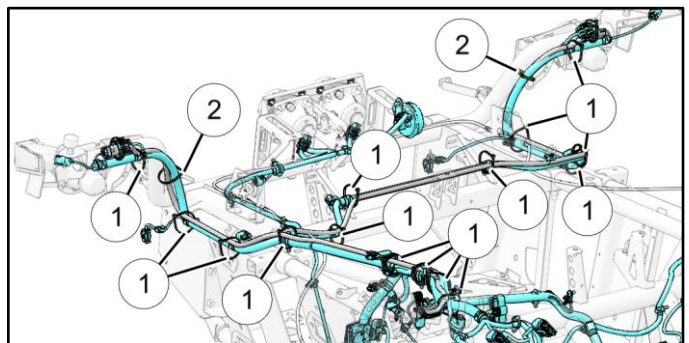
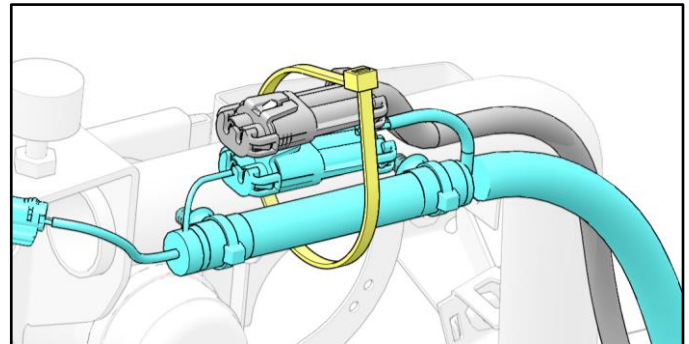
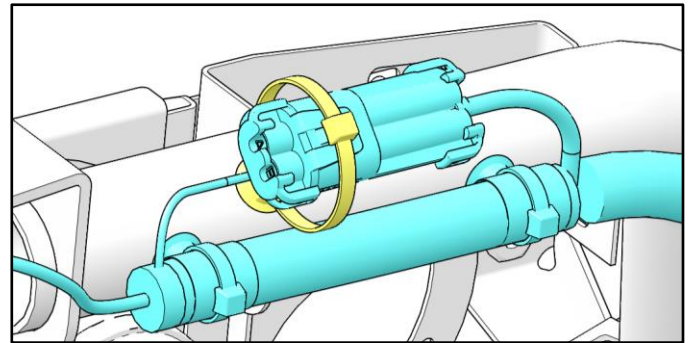
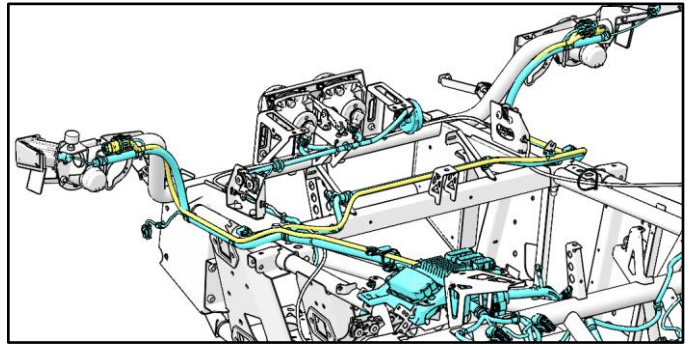
1. Park the vehicle on a level surface and apply the parking brake. Raise the hood.
2. Disconnect the negative (-) battery cable.
3. Route the jumper electrical harness (yellow) alongside the main electrical harness (blue) from the fuse box forward to the RH and LH auxiliary outer lights.
(Canadian Models: RH and LH outer headlights)

NOTE: Align all white tape markers on jumper harness with existing locations on main harness.

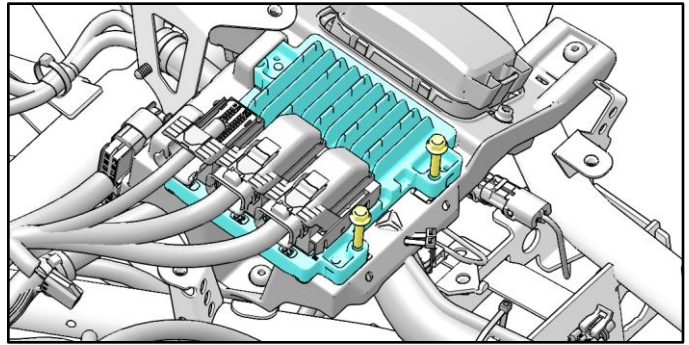
4. Cut the zip tie holding the main harness auxiliary light connector above the RH and LH auxiliary outer lights
(Canadian Models: RH and LH outer headlights).

5. Unplug the RH and LH outer light connectors. Plug the jumper harness two-wire connector into the auxiliary light connector. Plug the jumper harness single wire connector into the remaining main harness connector.
6. Zip tie the connectors from the main harness and jumper harness together using the existing tie point on the frame.

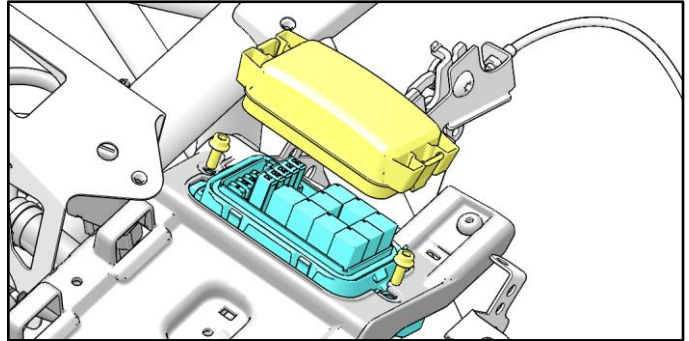
7. Zip tie jumper harness to main harness at existing white tape marks ①.
8. Zip tie jumper harness to main harness at location ②.



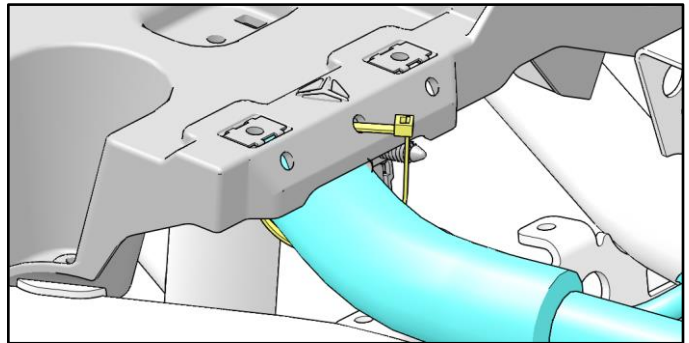
9. Remove the (2) fasteners securing the ECU to the vehicle using a 10 mm socket. Rotate the ECU out of the way.



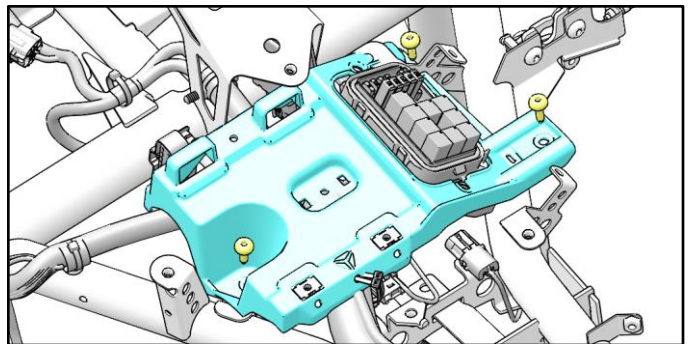
10. Remove the fuse box lid.
11. Remove the (2) fasteners securing the fuse box to the mounting block using a 5 mm Allen drive.



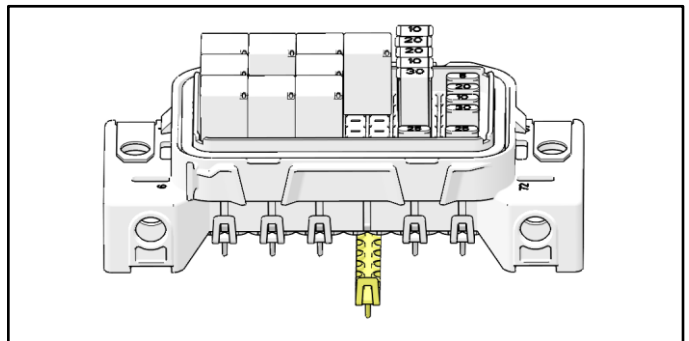
12. Cut the zip tie holding the wire harness to the front side of the mounting block.



13. Remove the (3) fasteners securing the mounting block to the frame using a T-40 Torx drive. Rotate the mounting block out of the way.



14. Remove the 4th blue wire clamp from the left when looking at the fuse box from the front.

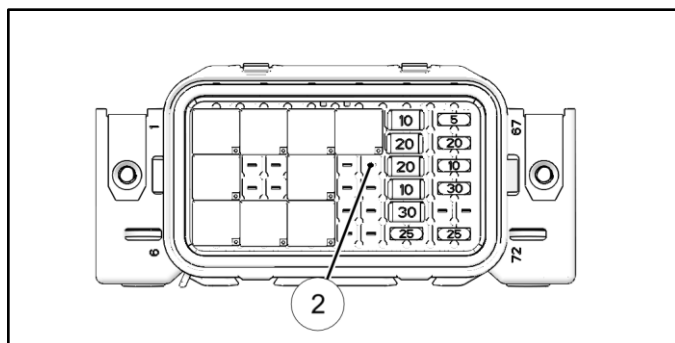


- Remove plug from fuse box terminal #45 ② by inserting a zip tie through the front of the fuse box terminal to push the terminal plug out.

NOTE: This is the only terminal without a wire running to it.

CAUTION: Do NOT bend circuit breakers or relays to avoid damage.

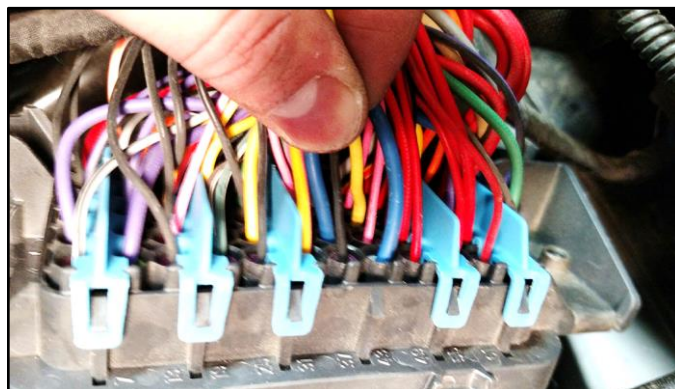
- Reinstall the fuse box cover to protect components while installing the new terminal.



- Push terminal connector from jumper harness into fuse box terminal #45 until the terminal clicks into place. Place light tension on the wire to ensure the connector is fully seated and engaged in the terminal.

NOTE: Reference the orientation of the terminal connectors already installed in the fuse box and match this orientation when installing the jumper harness terminal connector.

CAUTION: Do NOT force the terminal connector into position as it should slide in with little force. If it does not install easily, review orientation and try again.



- Reattach the blue wire clamp.
- Install the ECU mounting block and fasteners. Torque fasteners to specification.

TORQUE:
ECU Mounting Block Fasteners: **3 lb-ft (4 Nm)**

- Install new a zip tie holding the jumper harness and main harness to the front side of the ECU mounting block.
- Remove fuse box cover. Install the fuse box and fasteners. Torque fasteners to specification.

TORQUE:
Fuse Box Fasteners: **7 lb-ft (9.5 Nm)**

- Install the ECU and fasteners. Torque to specification.

TORQUE:
ECU Fasteners: **7.5 lb-ft (10 Nm)**

- Replace current fuse location decal on inside of fuse box cover with new decal provided in the kit.
- Install new auxiliary light relay and auxiliary light fuse into fuse box locations as outlined by the new decal. Replace current primary light relay with new relay provided in the kit.
- Install fuse box cover.
- Install battery negative (-) cable.
- Test and verify headlight operation.

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