



YOSHIMURA
RESEARCH AND DEVELOPMENT OF AMERICA, INC.

YOSHIMURA PIM II

(EMS Peripheral Interface Module)

APPLICATION

YEAR	MODEL
2012-2013	Arctic Cat Wildcat1000

PRODUCT

600XX391000	PIM2 Fuel Injection Controller Kit
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This product is designed for use in closed course racing and is not intended for highway use.



Read through all instructions before beginning installation.



Areas of vehicle may be extremely hot. Let vehicle cool down before beginning installation. Always wear hand and eye protection and take precautionary measures to avoid injury or damage.

NOTE:

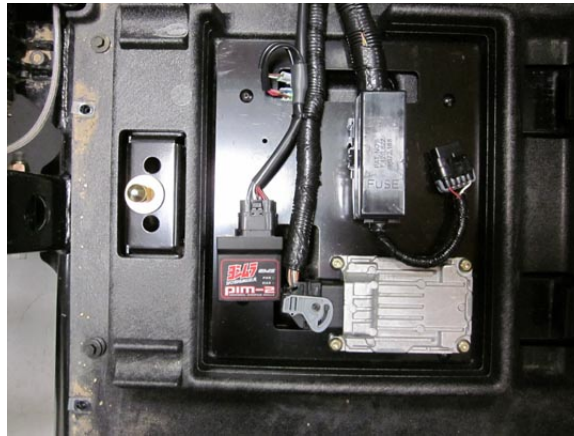
In the state of California, it is illegal to modify the emission control system, which includes the fuel injection of any vehicle for on- or off-highway vehicles.

-TOOLS REQUIRED-

Metric Socket Set • Screwdriver • Power Drill • Drill Bit Set • Torx Bit Set

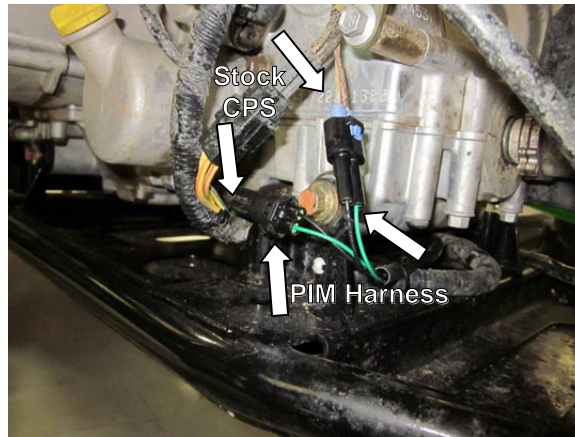
-INSTALLATION-

- 1. Remove driver and passenger seat as per Factory Service or Owner's Manual.*
- 2. Install PIM 2 bracket under passenger seat next to fuse box using supplied hardware. Apply provided hook-and-loop adhesive to PIM 2 unit and insert into bracket.*



- 3. Remove center console and the battery access cover and disconnect battery.*
- 4. Remove left and right engine covers.*
- 5. Connect PIM 2 harness to PIM 2 unit and route harness towards the rear of the vehicle being careful not to pinch the harness between any body panels.*

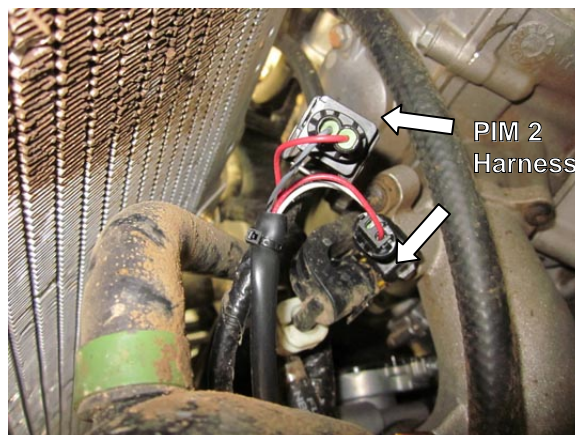
6. Locate the stock Crank Position Sensor (CPS) underneath the motor. Disconnect stock CPS plug and connect the PIM 2 harness in-line with the stock harness plug.



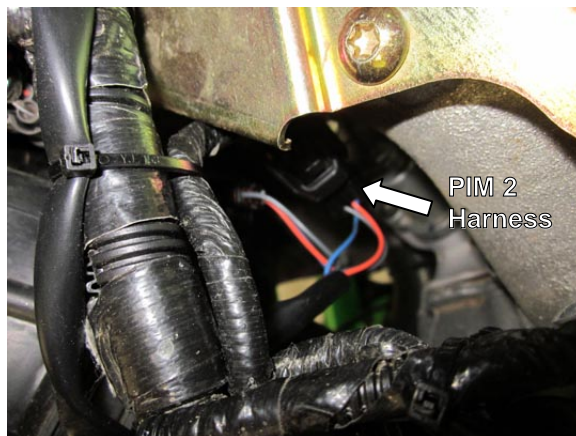
7. Locate the front coil pack to power PIM 2 unit. Disconnect the stock plug and connect the PIM 2 harness in-line with the stock harness plugs.



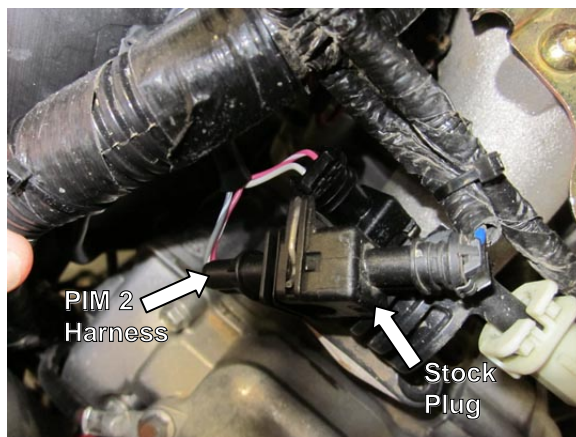
8. Locate the rear Fuel Injector plug. Disconnect the stock Fuel Injector plugs and connect the PIM 2 harness in-line with the stock harness plugs. Note: Rear Injector Plugs are the RED wires on PIM harness.



9. Locate the Throttle Position Sensor (TPS). Disconnect the stock TPS plug and connect the PIM 2 harness in-line with the stock harness plug.

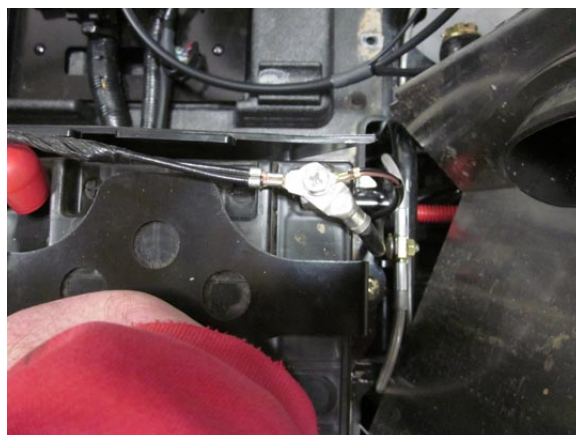


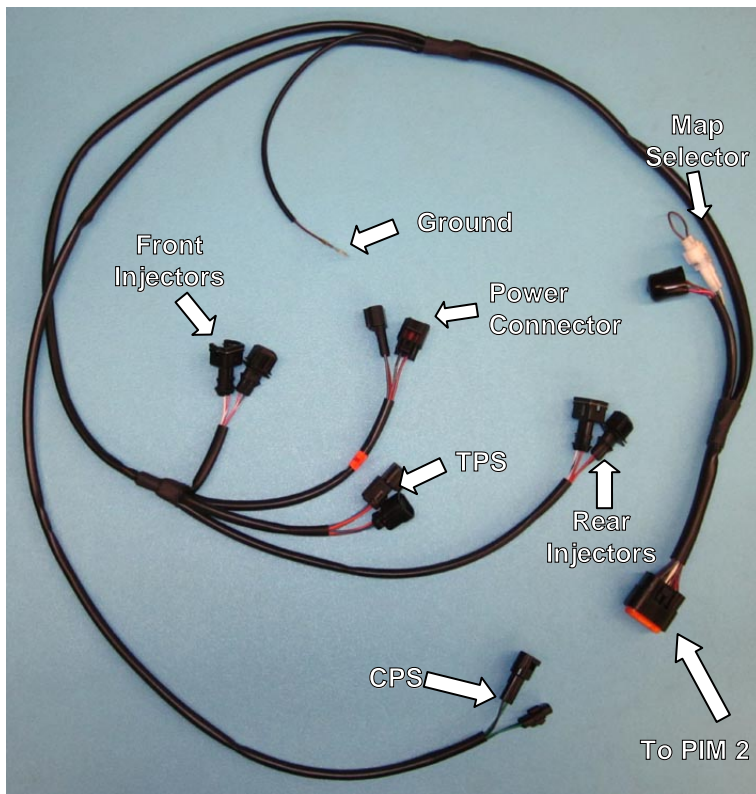
10. Locate front Fuel Injector plug. Disconnect stock Fuel Injector plugs and connect the PIM 2 harness in-line with the stock harness plugs.
Note: Front Injector Plugs are the PINK wires on PIM harness.



11. Re-install engine access panel.

12. Re-connect battery along with the PIM ground plug and re-install driver and passenger seat as per Factory Service or Owner's Manual.





<i>DESCRIPTION</i>	<i>QTY</i>	<i>PART #</i>
<i>PIM2 Unit</i>	<i>1</i>	<i>R-433C</i>
<i>PIM2 Harness for Arctic Cat Wildcat1000</i>	<i>1</i>	<i>600XX391000HB</i>
<i>PIM2 Bracket for Arctic Cat Wildcat1000</i>	<i>1</i>	<i>R-433-2505-BRKT</i>
<i>Installation CD</i>	<i>1</i>	<i>R-433-CD</i>
<i>USB Communication Cable</i>	<i>1</i>	<i>R-433-USB</i>
<i>6mm x 16mm Button Head Cap Screw</i>	<i>2</i>	<i>M6X16BHS</i>
<i>6mm Flat Washer</i>	<i>4</i>	<i>6MMWASHER</i>
<i>6mm Lock Nut</i>	<i>2</i>	<i>6MMLN</i>
<i>Zip Ties</i>	<i>8</i>	<i>ZT-300</i>
<i>Hook-and-Loop Adhesive</i>	<i>1</i>	<i>5000-V</i>
<i>"Comp Use Only" Sticker</i>	<i>1</i>	<i>17012</i>
<i>Yoshimura Sticker Sheet</i>	<i>1</i>	<i>17029</i>