



YOSHIMURA
RESEARCH AND DEVELOPMENT OF AMERICA, INC.

YOSHIMURA PIM II (EMS Peripheral Interface Module)

APPLICATION

YEAR	MODEL
2011	Polaris RZR XP 900

PRODUCT

600XX399000	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

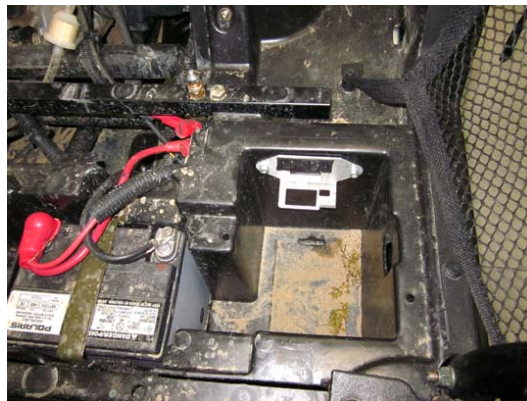
Screwdriver

Power Drill

Drill Bit Set

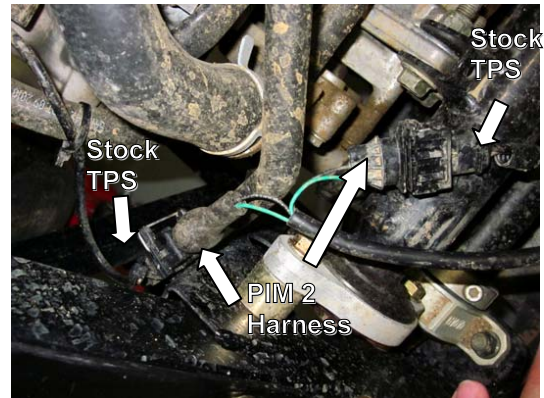
-INSTALLATION-

- 1. Remove driver and passenger seat as per Factory Service or Owner's Manual.*
- 2. Disconnect the battery.*
- 3. Install PIM 2 bracket in compartment under driver side seat using supplied hardware. Apply provided hook-and-loop adhesive to PIM 2 unit and insert into bracket.*

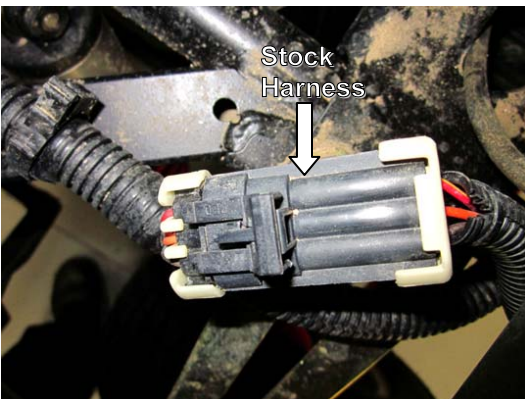


- 4. Remove engine access panel behind driver and passenger seat.*
- 5. Connect PIM 2 harness to PIM 2 unit and route harness towards the rear of the vehicle.*

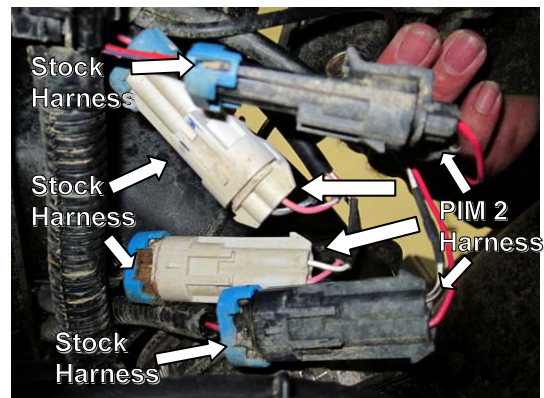
6. Locate the stock Crank Position Sensor (CPS) behind passenger seat. Disconnect stock CPS plug and connect the PIM 2 harness in-line with the stock harness plug.



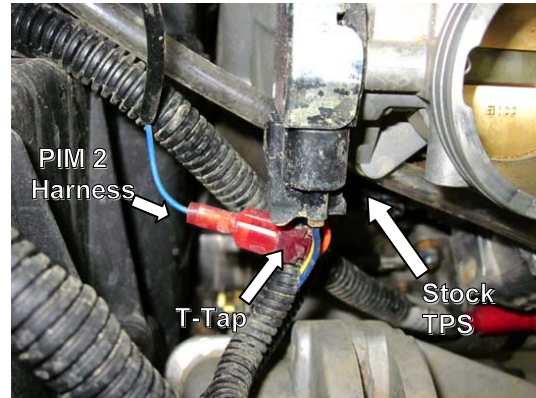
7. Locate the stock Power and Ground plug next to oil reservoir. The power and ground plug can be accessed from the oil reservoir cover. Disconnect the stock Power and Ground plug and connect the PIM 2 harness in-line with the stock harness plugs.



8. Locate the (2) stock Fuel Injector plugs (White plug and Black plug). Disconnect the stock Fuel Injector plugs and connect the PIM 2 harness in-line with the stock harness plugs.



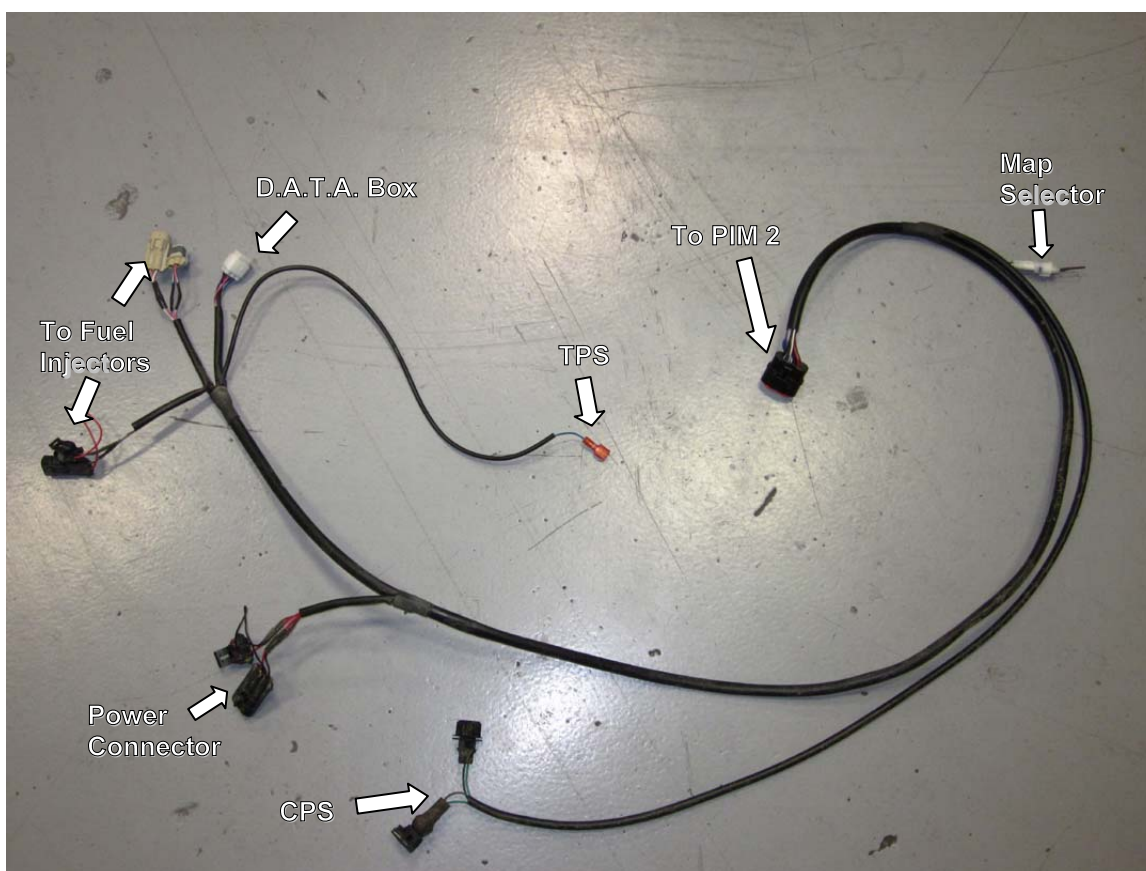
9. *Locate the Throttle Position Sensor (TPS) behind the airbox. Remove stock airbox as per Factory Service Manual to access the TPS. Using the provided T-Tap plug, install T-Tap onto green TPS wire. Connect PIM 2 harness to new T-Tap plug.*



10. *Re-install airbox as per Factory Service Manual.*

11. *Re-install engine access panel.*

12. *Re-connect battery 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-433B</i>
<i>PIM2 Harness for Polaris RZR XP 900</i>	<i>1</i>	<i>600XX399000HB</i>
<i>PIM2 Bracket for Polaris RZR XP 900</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>