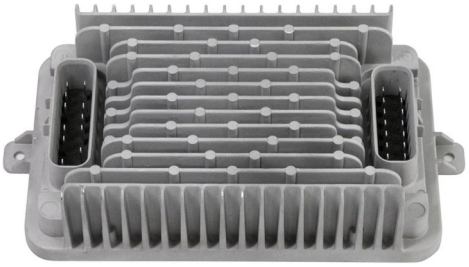
RMSTATOR®
GET BACK ON TRACK

RMS900-108112

Polaris SurePower ECM Voltage Regulator Rectifier Bypass Kit



This kit is designed to bypass the failure-prone internal voltage regulator rectifier in the Polaris SurePower ECM module. It includes a wiring harness, and an RMSTATOR MOSFET CNC regulator.



It will only work with SurePower modules like the picture at left. Make sure your unit matches.



Compatible OEM part numbers are:
4011089, 4011090, 4011598, 4011375, 4011657, 4011226, 4011517

Step 1:

Locate SurePower module.

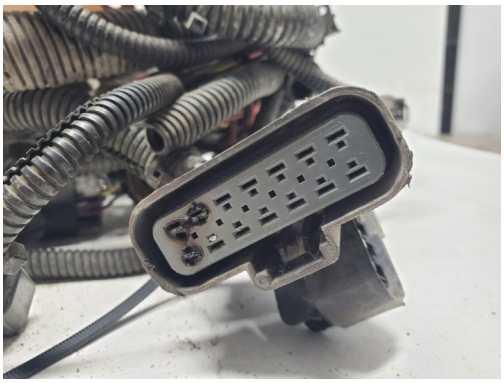
For ATV models, it is under the front cover, and may require removal of storage box and front fenders for easier access.

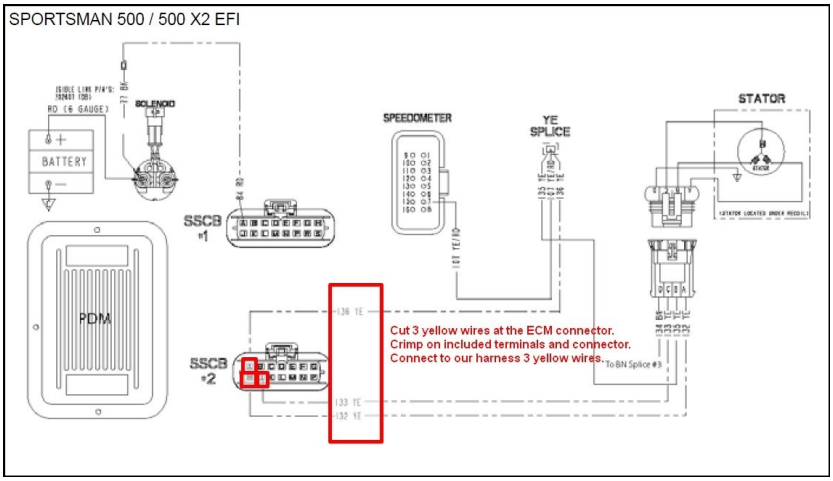
For UTV models, it is under the front hood and easily accessible.

Locate the large connector with 3 Yellow wires.

Cut the 3 Yellow wires at the base of the connector.

(See the burned locations in the photo below)





Step 2:

Crimp on the included Female spade terminals to each of the 3 Yellow wires.
Insert terminals into included connector (any location is fine for any wire).

Connect to mating connector on the RMSTATOR harness.

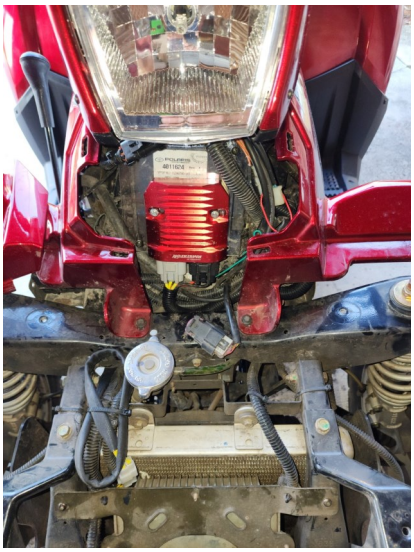


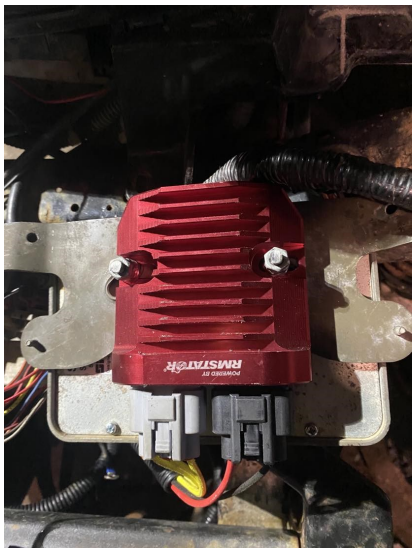
Step 3:

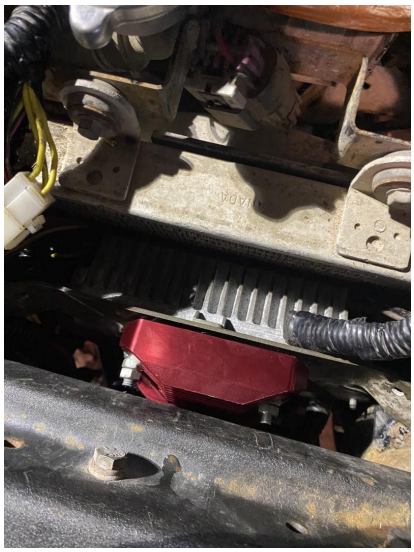
Identify suitable location and mount RMSTATOR CNC voltage regulator to vehicle.

Suggestions shown below. It should be mounted securely with both bolt holes to frame or body of vehicle.

Connect Black and Grey connectors of wiring harness to voltage regulator. They are color coded and keyed.







Step 4:

Route wiring harness safely through vehicle chassis with Black and Red wires with ring terminals at battery.

Avoid hot engine components, exhaust pipe, or sharp locations that could rub on wires.

Secure using wire/zip ties.

Attach Black wire with ring terminal to Battery Negative post.

Attach Red wire with ring terminal to Battery Positive post.

Step 5:

Start engine and measure DC Voltage at battery with multimeter.

Ensure voltage reaches 14-14.7 VDC at 5000 RPM.

Reassemble vehicle and ride!