

April 26th, 2012

Subject: **Magneto Stator Dynamic Test**


No. **2012-13**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
All	Outlander and Renegade Series	All	All

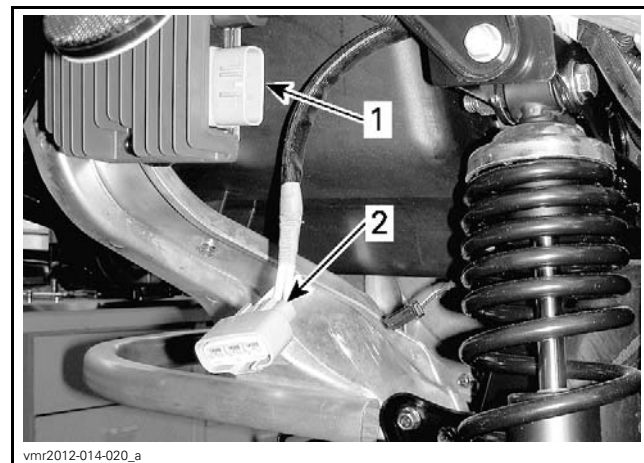
Here is a magneto stator dynamic test update for all Outlander and Renegade models.

You might want to insert copies of this bulletin into existing shop manuals for future reference.

Stator Dynamic Test: AC Voltage

REQUIRED TOOL	
FLUKE 115 MULTIMETER (P/N 529 035 868)	

1. Disconnect the magneto connector (3 yellow wires) at voltage regulator/rectifier.



RIGHT REAR OF VEHICLE
1. Voltage regulator/rectifier
2. Magneto connector

2. Set multimeter to Vac.
3. Start engine.
4. Probe terminals by touching (NOT inserting) terminals lock tabs as shown.

NOTICE Never insert a multimeter probe into a terminal as it would ruin the terminal.



5. Read voltage as per following table.

TEST ENGINE SPEED	TERMINAL	VOLTAGE
4000 RPM	1 and 2	15 - 50 Vac
	1 and 3	
	2 and 3	

NOTE: The 3 readings must be close to each other.

RESULT - AC VOLTAGE	
Below specification	Replace magneto stator
As per specification or above specification	Good stator