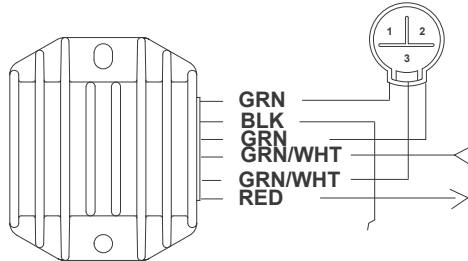




Rectifier/Regulator Diode Test

Analog Meter

NOTE: Voltage regulator/rectifier specifications are given for informational purposes only. Use the appropriate troubleshooting techniques previously mentioned to find the faulty component in the charging system.



Blk = Black
GRN/WHT = GREEN/WHITE
Red = Red
GRN = GREEN

POSITIVE SIDE OF BRIDGE DIODE TEST 1:

1. Set Ohm meter to R X 10 scale.
2. Connect Red (+) meter lead to RED regulator lead.
3. Connect Black (–) meter lead to each of GREEN and GRN/WHT regulator leads.

TEST RESULTS:

100 - 300 OHMS

DIODE TEST 2:

1. Set Ohm meter to R X 1k scale.
2. Connect Black (–) meter lead to RED regulator lead.
3. Connect Red (+) meter lead to each of GREEN and GRN/WHT regulator leads.

TEST RESULTS:

∞ OHMS (No needle movement)

GROUND SIDE OF BRIDGE DIODE TEST 3:

1. Set Ohm meter to R X 1k scale.
2. Connect Red (+) meter lead to BLACK ground wire.
3. Connect Black (–) meter lead to each of GREEN and GRN/WHT regulator leads.

TEST RESULTS:

∞ OHMS (No needle movement)

DIODE TEST 4:

1. Set Ohm meter to R X 10 scale.
2. Connect BLACK (–) meter lead to BLACK ground lead.
3. Connect RED (+) meter lead to each of GREEN and GRN/WHT regulator leads.

TEST RESULTS:

100 - 300 OHMS

TACHOMETER CIRCUIT TEST:

1. Set Ohm meter to R X 1k scale.
2. Connect GRN/WHT bullet to GRN/WHT wire.

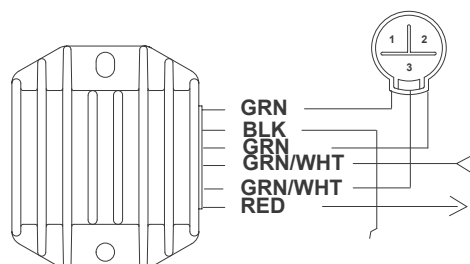
TEST RESULTS:

Should have continuity (0 OHMS).



Digital Meter

NOTE: Voltage regulator/rectifier specifications are given for informational purposes only, use the appropriate troubleshooting techniques previously mentioned to find the faulty component in the charging system.



Blk = Black
GRN/WHT = GREEN/WHITE
Red = Red
GRN = GREEN

POSITIVE SIDE OF BRIDGE DIODE TEST 1:

1. Set meter to $\rightarrow \text{H} \leftarrow$.
2. Connect Red (+) meter lead to RED regulator lead.
3. Connect Black (–) meter lead to each of GREEN and GRN/WHT regulator leads.

TEST RESULTS:

No continuity - Ouch - OL

DIODE TEST 2:

1. Set meter to $\rightarrow \text{H} \leftarrow$.
2. Connect Black (–) meter lead to RED regulator lead.
3. Connect Red (+) meter lead to each of GREEN and GRN/WHT regulator leads.

TEST RESULTS:

0.4 - 0.85 OHMS

GROUND SIDE OF BRIDGE DIODE TEST 3:

1. Set meter to $\rightarrow \text{H} \leftarrow$.
2. Connect Red (+) meter lead to BLACK ground wire.
3. Connect Black (–) meter lead to one GREEN regulator lead. Test. Connect Black (–) meter lead to each of other GREEN leads.

TEST RESULTS:

0.4 - 0.85 OHMS

DIODE TEST 4:

1. Set meter to $\rightarrow \text{H} \leftarrow$.
2. Connect BLACK (–) meter lead to BLACK ground lead.
3. Connect RED (+) meter lead to each of 3 GREEN regulator leads.

TEST RESULTS:

No Continuity - Ouch - OL

TACHOMETER CIRCUIT TEST:

1. Connect GRN/WHT to GRN/WHT lead.

TEST RESULTS:

Should have continuity (0 OHMS).