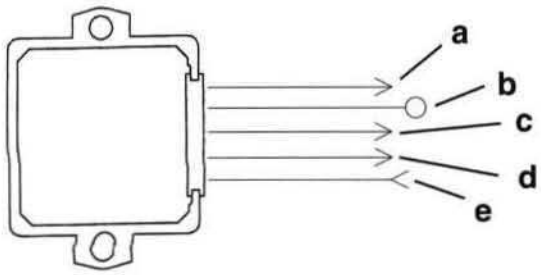
Rectifier/Regulator Diode Test

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.*



a - Test Point - YEL
b - Test Point - BLK
c - Test Point- RED
d - Test Point- YEL
e - Test Point- GRY

DIODE TEST:

1. Set Ohm meter to R X 10 scale.
2. Connect Red (+) meter lead to RED regulator lead.
3. Connect Black (–) meter lead to either YELLOW regulator lead.

TEST RESULTS:
100 - 400 OHMS

DIODE TEST:

1. Set Ohm meter to R X 1k scale.
2. Connect Black (–) meter lead to RED regulator lead.
3. Connect Red (+) meter lead to YELLOW regulator lead. Test. Then change Red (+) meter lead to the other YELLOW regulator lead for 2ND test reading.

TEST RESULTS (1ST READING):
40,000 to ∞ OHMS

TEST RESULTS (2ND READING):
∞ OHMS (No needle movement)

SCR TEST:

1. Set Ohm meter to R X 1k scale.
2. Connect Red (+) meter lead to regulator case.
3. Connect Black (–) meter lead to one YELLOW regulator lead. Test. Connect Black (–) meter lead to the other YELLOW lead.

TEST RESULTS (BOTH TESTS):
15,000 - ∞ OHMS (15k - ∞)

TACHOMETER CIRCUIT TEST:

1. Set Ohm meter to R X 1k scale.
2. Connect Red (+) meter lead to GREY regulator lead.
3. Connect Black (–) meter lead to regulator case.

TEST RESULTS:
10,000 - 50,000 OHMS (10k - 50k)