

5. Run a new wire (16 gauge minimum) from the original Green/Yellow wire lug to the negative side of the rectifier. This wire will be approximately 3½ feet long and route from the Green/Yellow lug, under the gas tank to the mounting bolt of the rectifier (negative side of rectifier).

NOTE: Be certain that all new connections are insulated and all modifications are done from the back side of the ignition switch.

TEST PROCEDURE FOR BATTERY CHARGE RATE
 (type 1 and 2 modified switch system)

Use an ammeter with a 5 amp scale. Disconnect the Green/Red wire from the (-) side of the battery. Plug one meter test lead into the male connector and the other meter test lead into the female connector. Start the motorcycle and observe the meter reading at each engine speed given in chart.

MODIFIED CHARGING RATE WITH BATTERY INSTALLED IN MOTORCYCLE

R P M	30/30W HEADLIGHT Key in:		25/25W HEADLIGHT Key in:	
	day position	night position	day position	night position
2,000	+0.8 amps	+0.3 amps	+0.7 amps	+0.2 amps
3,000	+1.6 amps	+0.9 amps	+1.5 amps	+0.9 amps
4,000	+2.4 amps	+1.7 amps	+2.5 amps	+1.6 amps
5,000	+2.9 amps	+2.1 amps	+3.0 amps	+2.2 amps
6,000	+3.3 amps	+2.4 amps	+3.4 amps	+2.6 amps
7,000	+3.5 amps	+2.8 amps	+3.8 amps	+2.9 amps
8,000	+3.5 amps	+3.0 amps	+4.0 amps	+3.2 amps

