THE Indian MOTORCYCLE COMPANY
1535 West Rosecrans Avenue, Gardena, Calif. 90249

FACTORY SERVICE BULLETIN

Date 9/30/75

Number SVB-189

Model ME/MS-100

Subject 1/2 wave wiring diagram

GENERAL ELECTRIC INFORMATION MS/ME-100 1/2 WAVE
The 1/2 wave electrical system can easily be indentified by the single plate rectifier located under the seat.
The headlight is A.C. directly off of the magnito. The tailight, stoplight, blinker and horn are D.C. from the battery.

ELECTRICAL TEST VALUES AND TEST PROCEDURES
All test values are ± 10% and all test are with the parts removed from the motorcycle.

HALF WAVE RECTIFIER (p.n. 11115010)
(—) test meter lead to r/w and (+) test meter lead to g/y = 76,000 ohms and up. (—) test meter lead to g/y and (+) test meter lead to r/w = 11.9 ohms.

HIGH TENSION COIL (p.n. 29005011)
(+) test meter lead to the black wire and the (—) test meter lead into the blue wire = 1.4 ohms. (+) test meter lead to the spark plug wire and the (-) test meter lead to "ground" = 5750 ohms.

PIRMARY COIL (p.n. 92005002)
(+) test meter lead to the black wire and the (—) test meter lead to ground = 0.8 ohms.

LIGHTING AND CHARGING COILS
From Green/Yellow to ground = 0.2 ohms. From Brown to ground = 0.2 ohms. From Green/Yellow to Brown = 0.1 ohms.
Standard charging rate with battery installed in motorcycle. Use a ampmeter with a 5 amp scale. Disconnect the Green/Red wire from the (-) side of the batrery. Plug one meter test lead into the male connecter and the other test lead into the female connector. Start the motorcycle and observe the meter reading at each engine speed given in the chart.

CHARGE RATE WITH KEY IN "RUN POS."			
R.P.M.		R.P.M.	
1500	— .2 AMPS	6000	+ 1.35 AMPS
2000	0 "	7000	+ 1.5 "
3000	+ .8 "	8000	+ 1.5 "
4000	+ 1.0 "	9000	+ 1.5 "
5000	+ 1.2 "		


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