

Figure 5I-1. Regulator Test Specifications

| DELCO REMY REGULATORS | | | | | | | |
|------------------------|---|--|--------------------------|---|---|---------------------------|---|
| REGULATOR PART NUMBER | | FOR TESTING PROCEDURE SEE DELCO-REMY SERVICE BULLETIN NUMBER | REGULATOR TYPE | ADJUSTMENT AND RANGE AMPS | ADJUSTMENT AND RANGE (VOLTS) | | USED WITH HARLEY-DAVIDSON GENERATOR AND MOTORCYCLE MODELS |
| HARLEY-DAVIDSON | MANUFACTURER'S NUMBER | | | CURRENT REGULATOR SETTING | CUTOUT RELAY CLOSING VOLTAGE | VOLTAGE REGULATOR SETTING | |
| 74511-51 | 1118 388 | 1R 116 | 3 Unit Current & Voltage | 18 | 6.6 | 7.5 | 1950-1951 model 48. 2-brush fan-cooled generator. (Superseded by 74511-51A for parts order.) |
| 74511-51A | 1118 707 1118 707B 1118 707C 1118 707D | 1R 116 1R 118 1R 118A | 3 Unit Current & Voltage | 20 (17.5 - 20.5) | 6.6 (5.9 - 6.7) | 7.5 (7.2 - 7.5) | Model 51, 2-brush fan-cooled generator. |
| 74511-58 | 1119 187C 1119 187D | 1R 118 1R 118A | 3 Unit Current & Voltage | 15 (13.5 - 16.5) | 6.6 (5.9 - 6.7) | 7.4 (7.2 - 7.5) | Model 58 Generator |
| 74510-47 | 1118 307 | 1R 116 | 2 Unit Voltage | | 6.4 | 7.0 | Models 125-165 Generators Regulator superseded by 74510-47A for parts order |
| | 1118 794 | 1R 116 | 2 Unit Voltage | | 6.4 | 7.0 | Model 52K Generator Models 125-165 Generators Regulator superseded by 74510-47A for parts order |
| 74510-47A | 118 995 | 1R 116 | 2 Unit Voltage | | 6.4 (5.9 - 6.7) | 7.2 (7.0 - 7.3) | Model 52K, 58 and 61 Generators. Model 125-165 Generators |
| 74510-59 | 1118 989 | 1R 116 | 2 Unit Voltage | | 5.5 (5.0 - 6.0) | 6.7 (6.5 - 6.8) | Model 58 and 61 Generators |
| 74510-64 | 1119 614 | 1R 119A | 3 Unit Current & Voltage | 10 (9.0 - 11.0) | 12.4 (11.8 - 13.0) | 14.3* (13.9 - 14.5)* | Model 64 and later 12V. generator. (*Upper contact operation. Operation on lower contacts must be .1 to .3 volt lower.) |
| 74510-65 | 1119 516 | 1R 262 | 2 Unit Voltage | | 12.5 (11.5 - 13.5) | 14.4* (13.5 - 14.9)* | Delcotron Alternator |
| ALL 6-VOLT REGULATORS | CURRENT REGULATOR AIR GAP .075 IN. | | | CUTOUT RELAY POINT OPENING .020 IN. | | | |
| | VOLTAGE REGULATOR AIR GAP .075 IN. | | | CUTOUT RELAY AIR GAP .020 IN. | | | |
| ALL 12-VOLT REGULATORS | CURRENT REGULATOR AIR GAP .075 IN. | | | CUTOUT RELAY AIR GAP AND POINT OPENING .020 IN. | | | |
| | VOLTAGE REGULATOR AIR GAP VARIES WITH SETTING. | | | VOLTAGE REGULATOR POINT OPENING .016 IN. | | | |
| BOSCH REGULATORS | | | | | | | |
| HARLEY-DAVIDSON | MANUFACTURER'S NUMBER | RELAY CUT-IN VOLTAGE | REGULATOR VOLTAGE | | Used with Harley-Davidson Generator and Motorcycle Models | | |
| 74511-65 | TBA 130 - 150 12/2 | 12.4 - 13.1 | NO LOAD | LOAD | 1965 Model 65 Generator for 1965-66 Sportster XLH and 1965 and Later XLCH | | |