MOTOR-DRIVEN
CHARGING GENERATORS
REQUIREMENTS AND ADJUSTING PROCEDURES

1. GENERAL

1.001 This addendum supplements Section 155-512-701, Issue 7-D. Place this pink sheet ahead of Page 1 of the section.

1.002 This addendum is reissued to revise a procedure in Part 3.

1.003 This addendum also specifies the use of KS-19578 L1 trichloroethane wherever KS-8378 trichloroethylene is now specified. The same precautions that apply for KS-8372 trichloroethylene shall apply to the KS-19578 L1 trichloroethane.

3. ADJUSTING PROCEDURES

The following change applies to Part 3 of this section:

Paragraph 3.11 (4) should read as follows:

(4) ▶To set a Baylis-type brush holder at the correct angle, cut a guide template as described below. Reproduce Fig. 24 on a piece of stiff cardboard, making the radius of the arc equal to the radius of the commutator. The radius is one-half of the diameter, which may be obtained by measurement, or the minimum diameter shown in 2.09 (c) may be used. Draw a radius and, where it crosses the arc (point A), draw a line AC at a right angle to it. This will be tangent to the arc. From point A, measure 2 inches along this line and draw another line BD at a right angle. Measure along this line 3-1/2 inches from point C for a General Electric or Electric Products machine and mark the point B. For a Hertner Electric machine, measure 3 inches from point C. Draw a line AB. In the first case, this line will be at an angle of 60 degrees to the tangent and, in the second, at an angle of 56-1/2 degrees. Draw another line EF parallel to, and to the left of, the line AB at a distance from it equal to one-half the thickness of the brush. Cut the template as shown and, first loosening the setscrew which holds the brush holder to its stud, place the template against the commutator surface and side EF against the slide surface of the brush holder, rotating the holder to obtain the required angle. Tighten the setscrew firmly.◀