

III. VOLTAGE AND CURRENT REGULATOR

LIST OF PARTS

<u>QUANTITY</u>	<u>ORD. PART NO.</u>	<u>PART NAME</u>
3	178518	Star Washer
1	BCNX2CE-1	Screw
1	220069	Nut
1	A385264	Condenser
1	A294407	Condenser

PROCEDURE

1. Remove terminal shield box from the side of the voltage and current regulator. Remove generator-to-regulator (armature and field) cables. Remove the metal shielding on the battery cable leading from the voltage regulator terminal box to the filter box.
2. Install lead from condenser Part #A385264 onto battery terminal of regulator. Also install lead from condenser Part #A294407 onto field terminal of regulator; see Figure 10.
3. Drill 17/64 dia. hole shown below in regulator bracket. Attach both condensers together to the regulator bracket as per figure 10, using one screw Part #BCNX2CE-1, one nut Part #220069 and three star washers Part #178518.

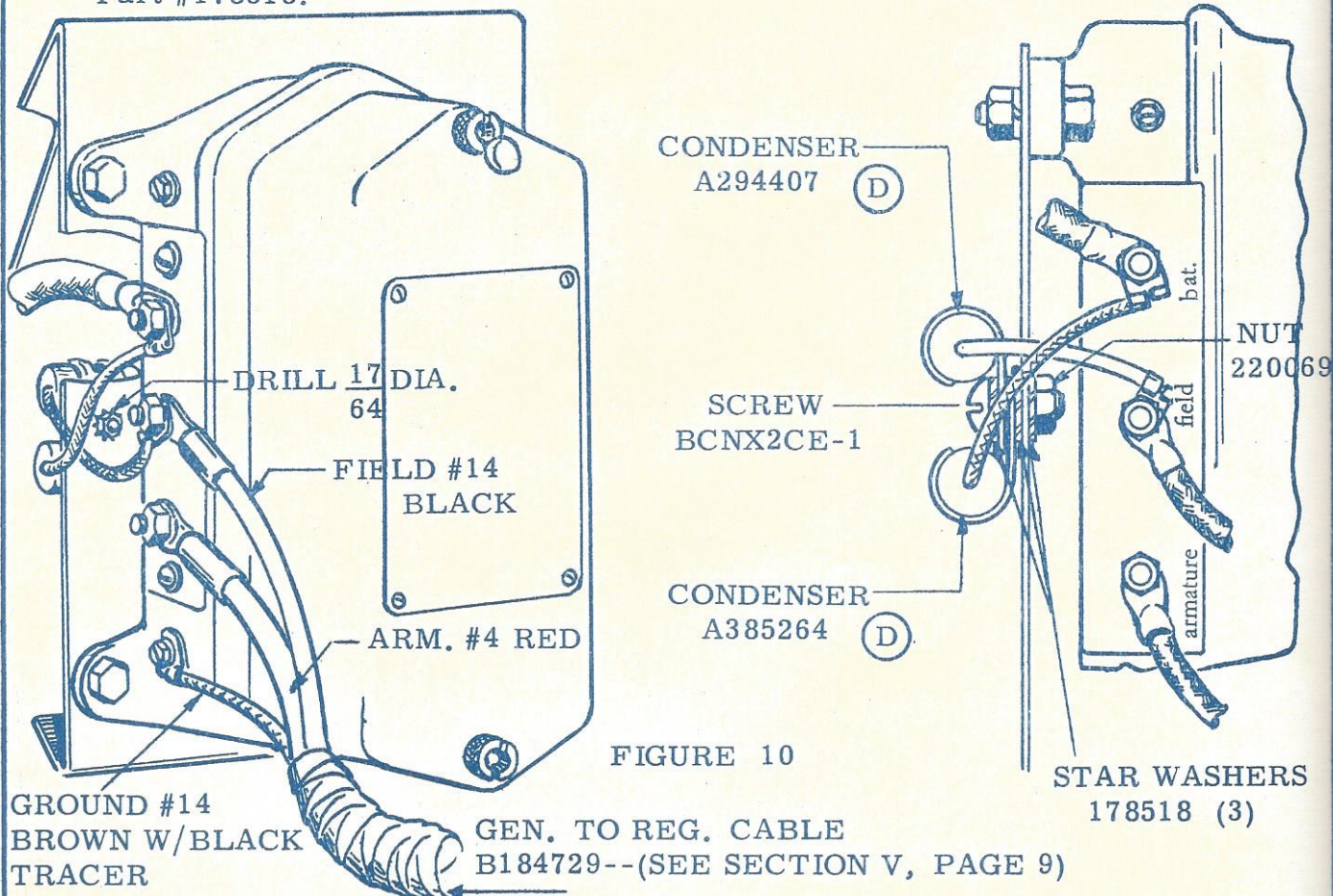


FIGURE 10

Supersedes Ordnance Tracing A5700025, 5 April 1944, Rev. B, 5-25-44

CONTROL DRAWING-OCO-D H. T. V. Engr. Sub-Office Ardmore, Pa.	Approved Fred C. Adams 1st Lt., Ord. Dept. 9-22-44 Officer-in-Charge	Drwg. Size A5700025 Sheet 8 of 9
CLARK CABLE CORP. CLEVELAND, OHIO	Drwg. No. 2873-8 Date 1-30-52	Traced By IRL Ck'd By SS