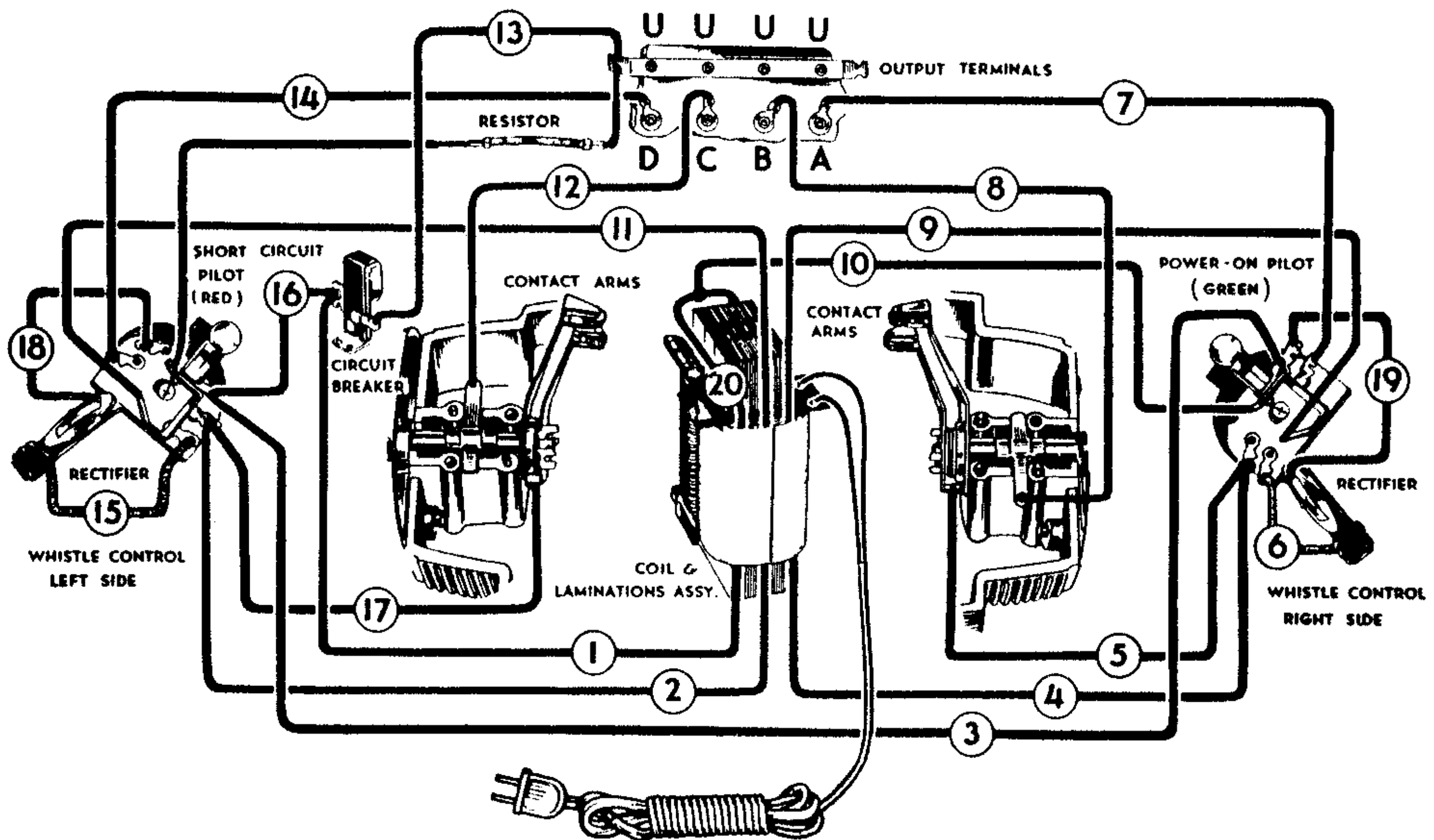


SERVICE MANUAL

PICTORIAL WIRING DIAGRAM OF TRANSFORMERS "VW" and "ZW"

The 'ZW' Multi-Control transformer differs from the illustrated 'VW' in having a heavier Coil and Lamination Assembly and a different Circuit Breaker. The wiring and arrangement of parts are identical. In the 1948 'VW' transformers Lead No. 13 is a 12' length of special resistance wire which is wound around the circuit breaker and which acts as a heater to decrease the breaking time of the circuit breaker in case of short circuits. The numbers of the leads correspond with the Schematic Wiring Diagram on previous page.



LEAD NO.	DESCRIPTION
1	NO TUBING
2	BLACK TUBING
4	YELLOW TUBING
6	RESISTANCE WIRE
9	YELLOW TUBING

LEAD NO.	DESCRIPTION
11	BLACK TUBING
13	HEATER WIRE (See note)
15	RESISTANCE WIRE
20	YELLOW TUBING