

KOHLER GENERATORS

TT-577 INSTRUCTIONS

Battery Charger Disconnect Kit

Kit No. PA-262298 for Battery Charger C-269214 (12 Volt)

Kit No. PA-262299 for Battery Charger C-269215 (24 Volt)

WARNING

UNIT STARTS WITHOUT NOTICE! Units with Automatic Transfer Switches start automatically. Turn Generator Main Switch on controller to OFF position and remove battery cables to disable generator set before working on any equipment connected to generator. When removing and connecting battery cables, disconnect negative lead first, and reconnect it last to avoid electrical shock or sparks igniting explosive battery gases.

WARNING

ELECTRICAL SHOCK! Disconnect AC power source to battery charger. Either open circuit breaker or remove plug from outlet before working on any equipment.

FUNCTION

The Battery Charger Disconnect Kit provides for automatic disconnection of the battery charger while the generator set is in the cranking cycle. During the cranking cycle battery voltage drops, causing the battery charger to start a high rate charge. This high rate charge is often greater than the capability of the charger and damage to the battery charger can result.

MOUNTING AND CONNECTION

Other than using a different relay for 12 or 24 Volts, the procedure to install kits PA-262298 and PA-262299 are identical. See wiring diagrams.

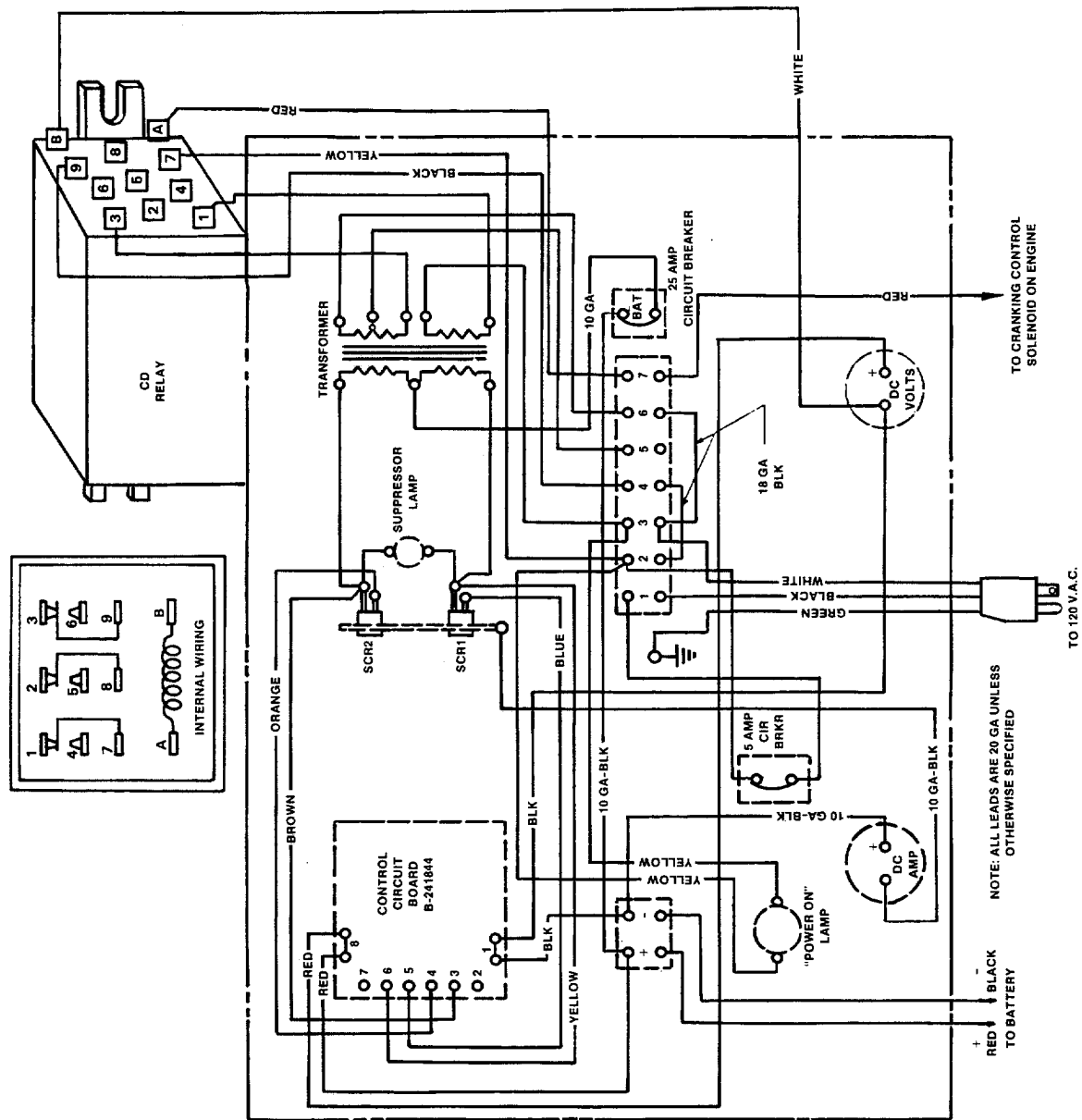
1. Mount relay horizontally in cooling slots, above the transformer, on back panel of battery charger.
2. Disconnect transformer wire on terminal 2 of terminal strip and cut off eyelet terminal. Clean end of wire and crimp-on X-431-25 terminal. Then connect to terminal 1 on relay.

3. Disconnect transformer wire on terminal 4 of terminal strip and cut off eyelet terminal. Clean end of wire and crimp-on X-431-25 terminal. Then connect to terminal 3 on relay.
4. Install yellow lead from terminal 7 on relay to terminal 2 on terminal strip.
5. Install black lead from terminal 9 on relay to terminal 4 on terminal strip.
6. Install white lead from terminal B on relay to negative (-) side of DC voltmeter.
7. Install red lead (lead with terminals on each end) from terminal A on relay to terminal 7 on terminal strip.
8. Locate starter control solenoid terminal. Depending upon the model of generator set, the starter control solenoid location will vary. The wire from the controller which energizes the starter is also connected to this terminal.

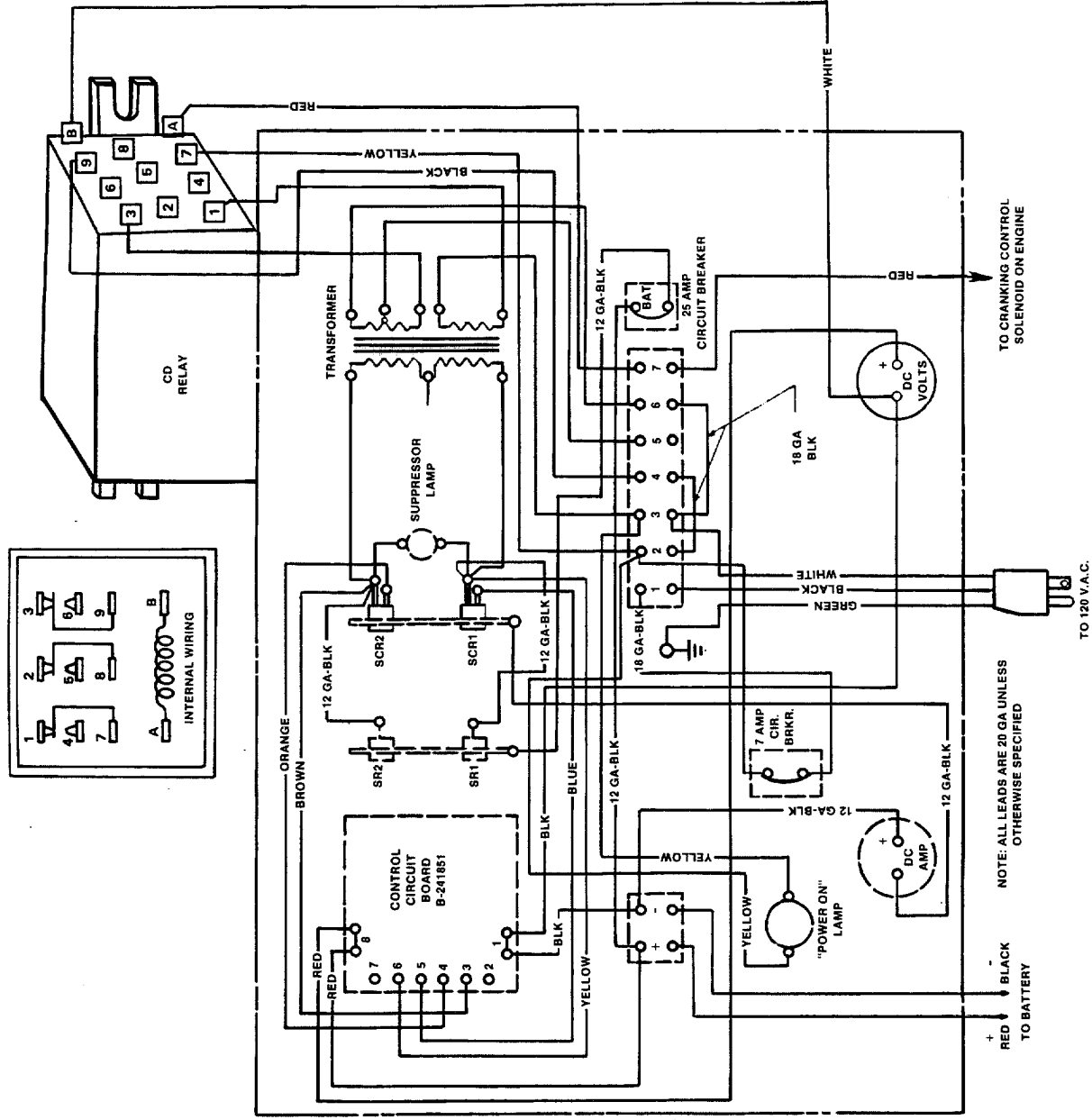
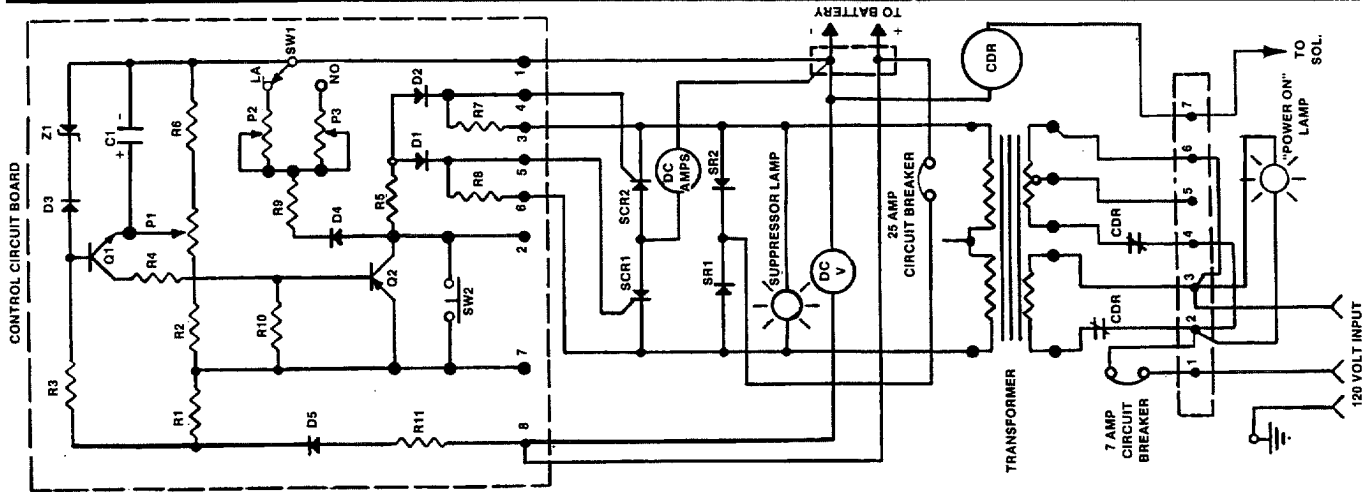
Install long red lead from terminal 7 on terminal strip, cut off excess wire, crimp-on X-283-2 terminal and connect to starter control solenoid terminal.

Part Listing

Qty.	Part No.	Description
1	248362	Relay (12 Volt)
1	248363	Relay (24 Volt)
2	X-18-1	Lockwasher #6
4	X-25-9	Washer, Flat #6
2	X-71-2	Nut 6-32
2	X-49-26	Screw 6-32 x 1/2"
1	X-283-2	Terminal, Eyelet
2	X-431-25	Terminal, Push-on
1	LR-1816-5713	Lead, Red
1	LY-1816-5713	Lead, Yellow
1	LB-1816-5713	Lead, Black
1	LW-1820-5714	Lead, White
1	LR-14240-1300	Lead, Red



FOR 12 V. BATTERY CHARGER C-269214



FOR 24 V. BATTERY CHARGER C-269215