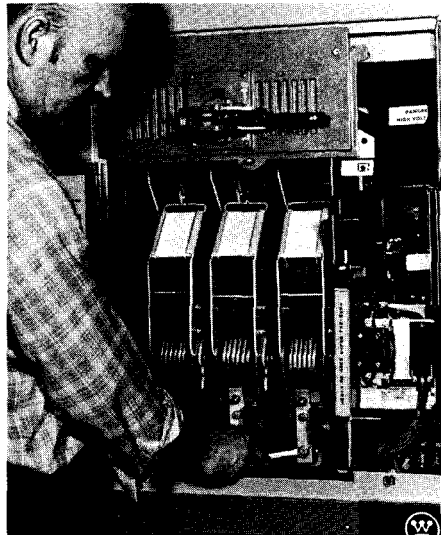
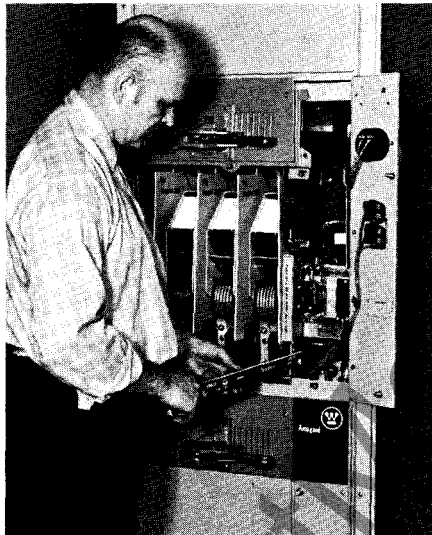


INSTALLATION INSTRUCTIONS 25L2 and 50L2 FLOOR MOUNTED STARTERS

Follow these instructions for easy installation of your Ampgard Starter



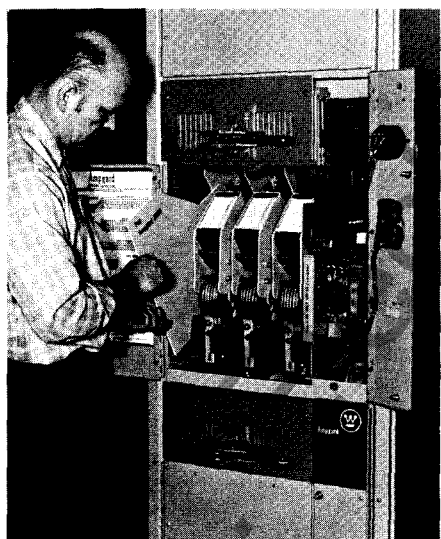
1 Remove the two shipping bolts clamping the contactor to its rails (one per side — located in the lower front flange of the contactor end plate). Remove the **3** LOWER bolts which clamp the contactor to the current transformers. **SAVE THESE BOLTS.**



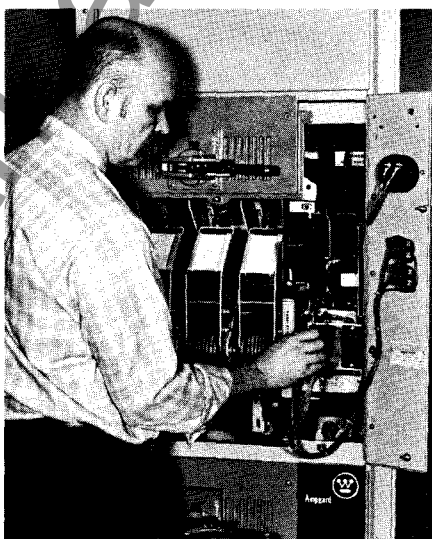
2 Remove the fuse puller from its track alongside the contactor.



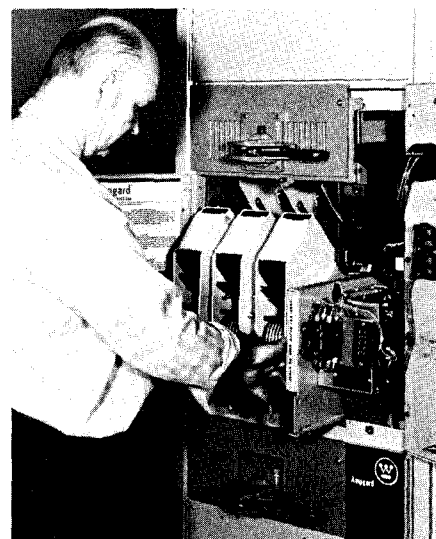
3 Using the fuse puller, follow the **FUSE REMOVAL** instructions on the door to pull the arc boxes out and remove the power fuses.



4 Push the arc boxes back into their normal operating position. Remove the four phase barriers from the contactor by lifting the bottom of barrier slightly and rotating top out toward you.



5 Remove the control plug from the right-hand side of the contactor.



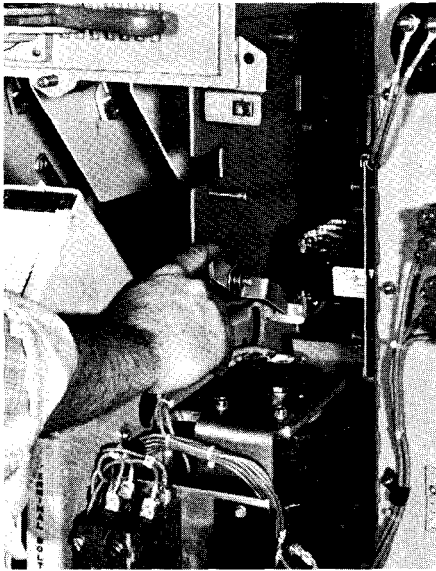
6 Using the front flange of the contactor end frame, pull the contactor free of the rear stab connectors. Carefully pull the contactor out as far as it will go. It will be stopped by a latch about $\frac{3}{4}$ of the way out. This position is used for contactor maintenance.



Ampgard[®] INSTALLATION INSTRUCTIONS

25L2 and 50L2 FLOOR MOUNTED STARTERS

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7 Push down on the contactor stop latch to release the contactor.



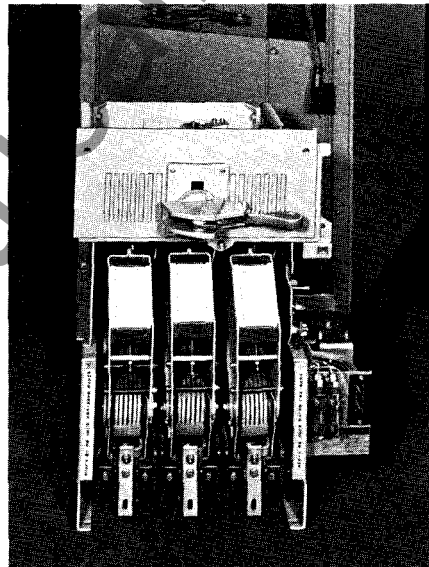
8 Lift out the contactor. You can use the rectangular holes on the left-hand side and the control plug bracket and main shaft on the right hand side for hand grips.



9 Remove the two socket head cap screws located in the front casting of the isolation switch. **SAVE THESE CAP SCREWS.**



10 Pull the isolation switch toward you on its rails. **CAUTION** — It has no latch and will pull completely out. However, it weighs only 75 pounds and can be handled by two men.

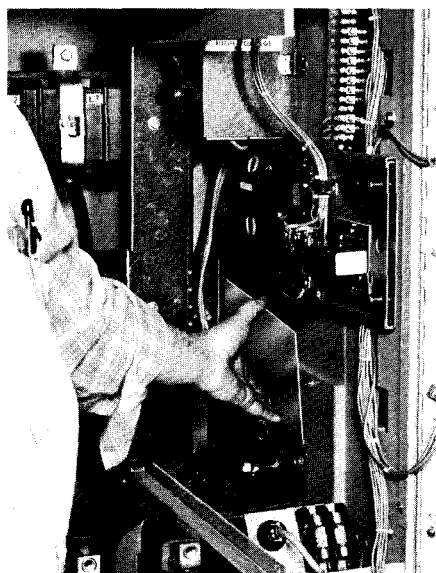


11 Place the isolation switch on top of the contactor for temporary storage. Repeat steps 1 through 10 for other starters in the enclosure. Empty enclosure can now easily be moved into final position. Starter is ready to wire.

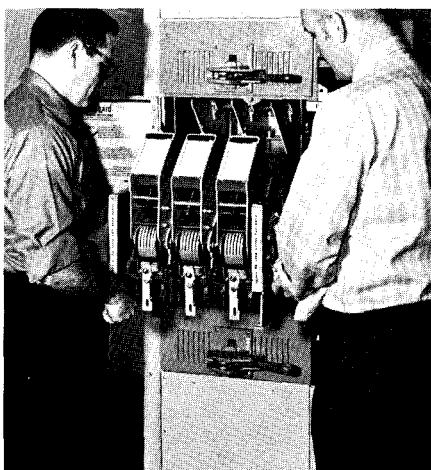


12 Wire to line terminals (top of starter cell) and load terminals (bottom, rear). Connect ground lead to ground connection in bottom left-hand corner of cell.





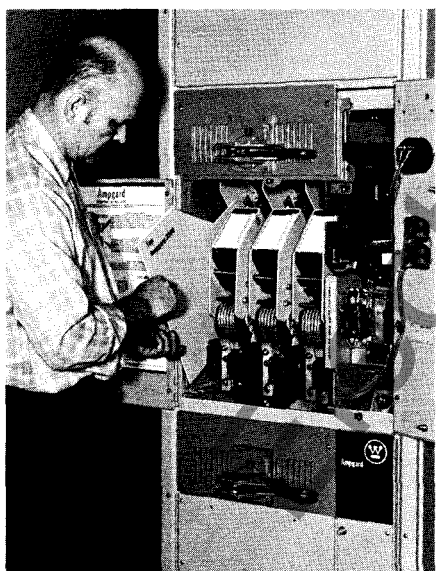
13 Remove the insulating cover to provide access to the control wire channel. Bring control leads to terminal block located on right-hand wall of starter, above the control panel.



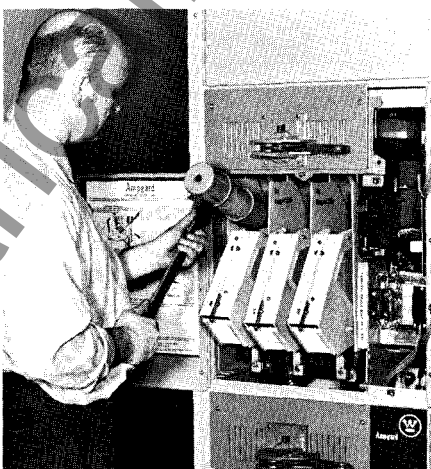
14 Slide isolation switch back into enclosure. Top flange of isolation switch rests on top of channel support in starter. Replace the two socket head cap screws which hold the isolation switch in the enclosure. Use the hand holes on the left-hand side and the control plug mounting and main shaft on the right-hand side for lifting. Slide the contactor back as far as it will go. When the contactor is in its correct operating position, the shipping bolt holes should line up. Reconnect the contactor control plug.



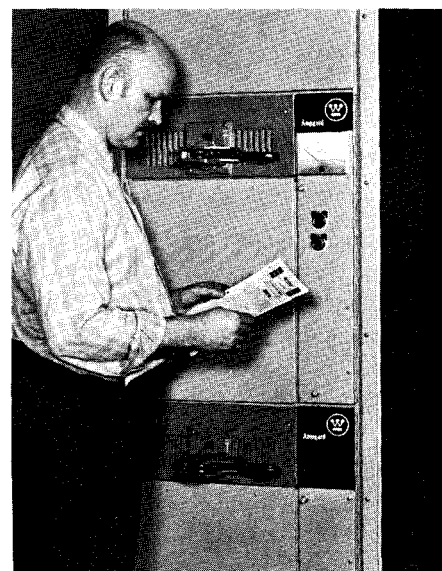
15 Replace the 3 bolts connecting the contactor to the current transformers. MAKE SURE THESE CONNECTIONS ARE TIGHT.



16 Replace all 4 phase barriers. THESE BARRIERS MUST ALWAYS BE IN PLACE BEFORE CONTACTOR IS OPERATED.



17 Before replacing power fuses, check that fuse clamps are in their proper position. Refer to illustration on starter door. Fuse clamp guide should be in the fuse clamp positioner. Check fuse rating against fuse data on starter door to be sure correct fuses are installed. Install power fuses using fuse puller. Instructions are on starter door. Fuses will be loose in fuse clamps — this is normal. Full clamping pressure is applied when the isolating switch is closed.



18 Store the fuse puller back in its track alongside the contactor. Close and latch doors. Read starter instruction manual BEFORE ENERGIZING UNIT.



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