ALLIS-CHALMERS

INSTRUCTION BOOK

TYPE "D" RACK-IN MECHANISM
(SPECIAL FOR CONSOLIDATED EDISON)

BOOK BWX-6713-S

October, 1966

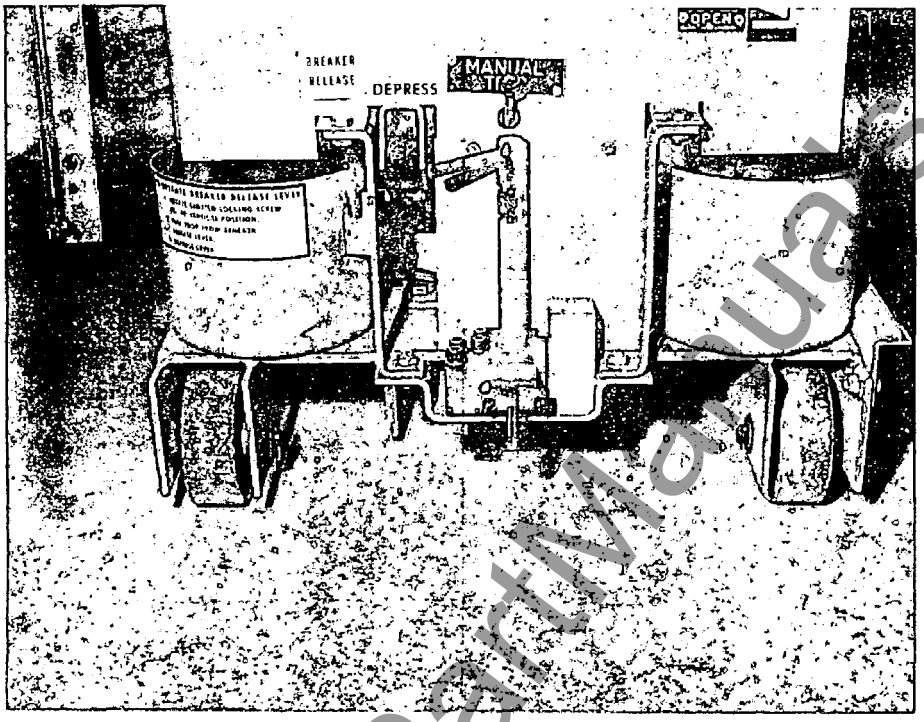


FIGURE 1 TYPICAL AIR CIRCUIT BREAKER L-0006

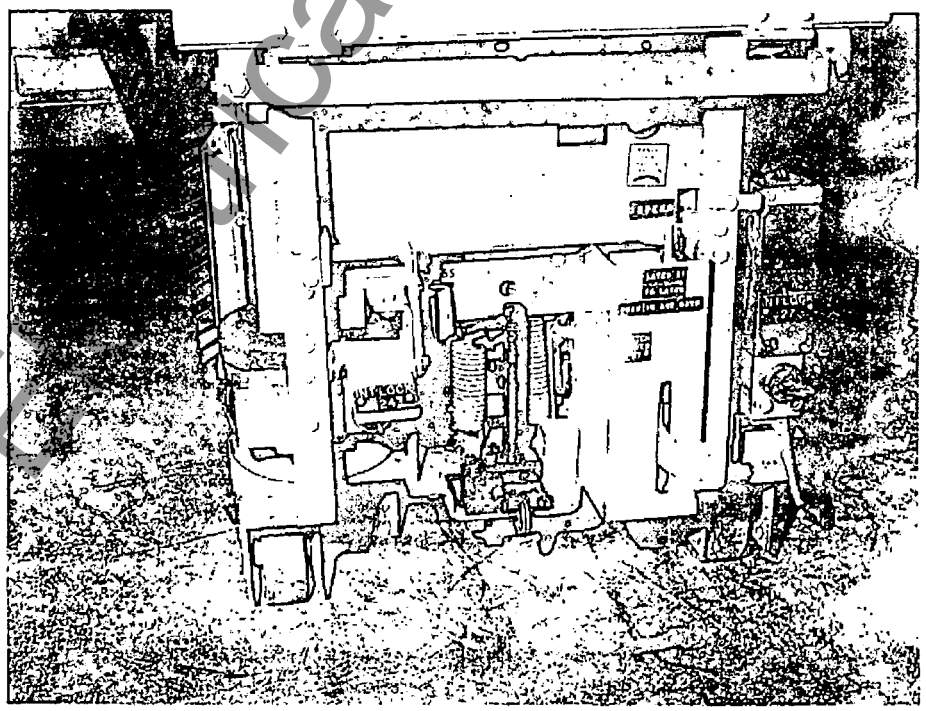
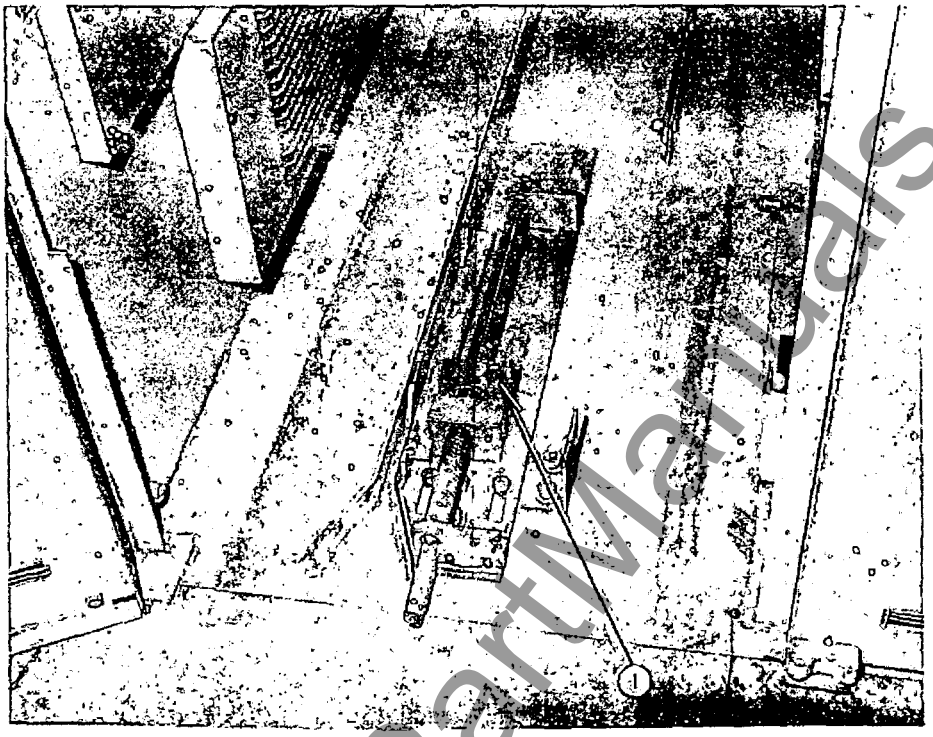
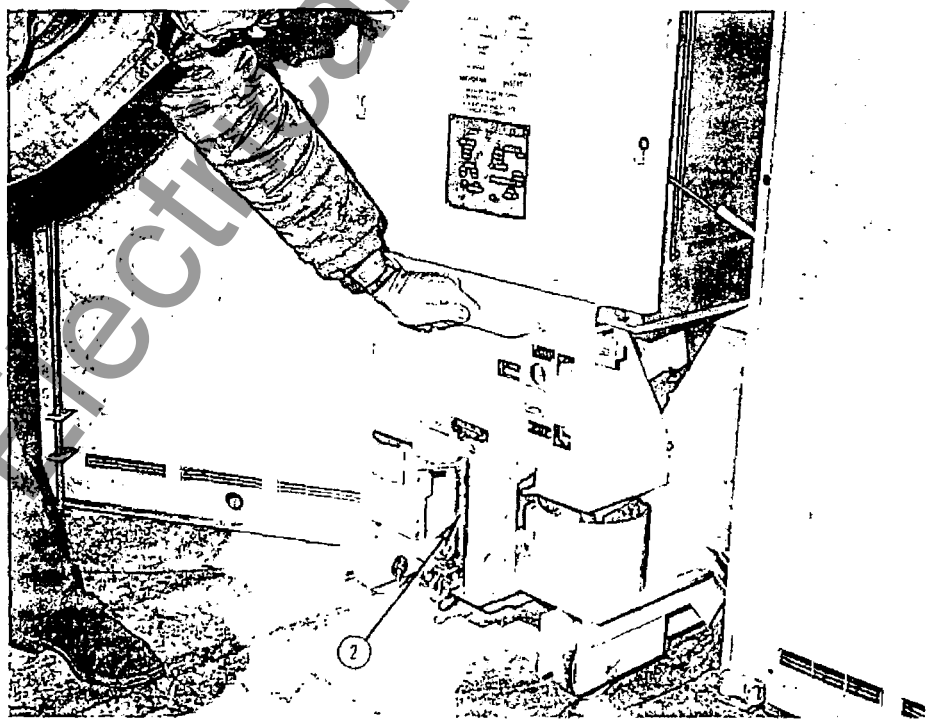


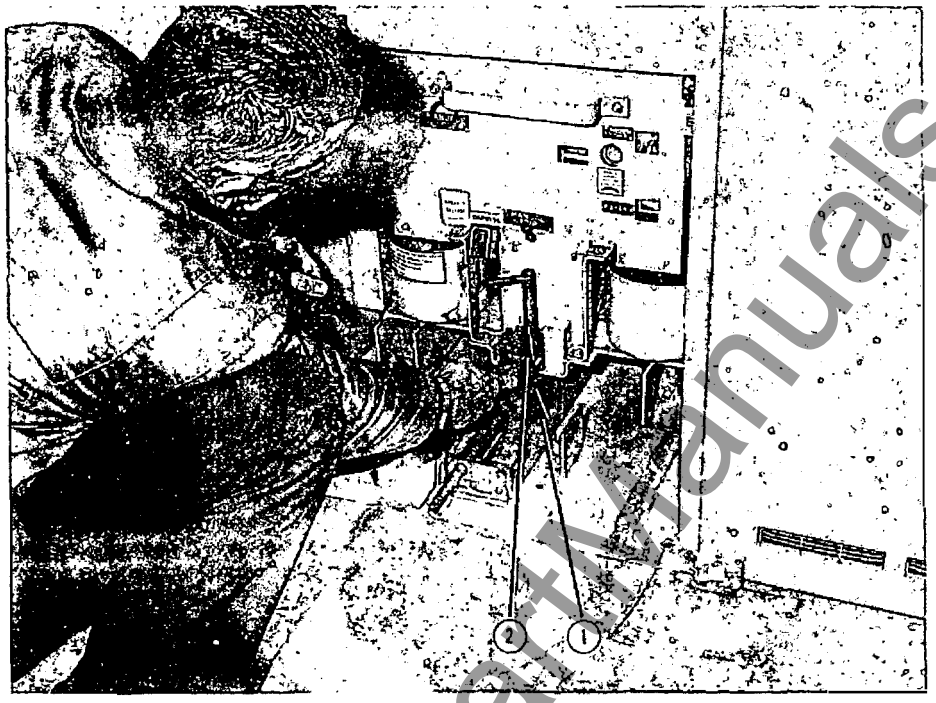
FIGURE 2 TYPICAL GROUND & TEST DEVICE L-0007



I CARRIAGE MECHANISM L-0009
Shown with hole (1) in movable block, into which rack-in mechanism rod (See III. II on ACB engages.

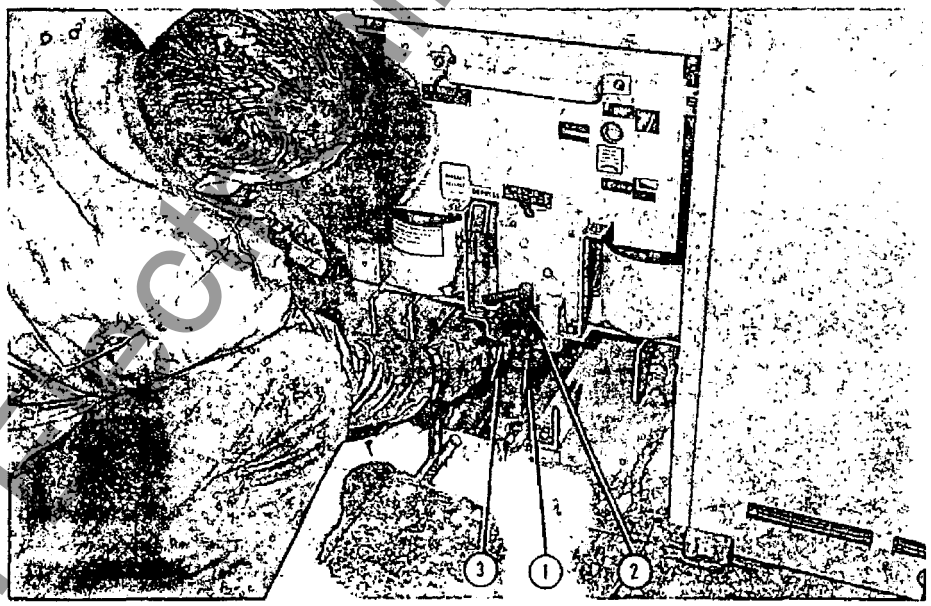


II RACK-IN MECHANISM ROD (2) L-0010
Shown in full elevated position.
ACB ready for insertion into cubicle.



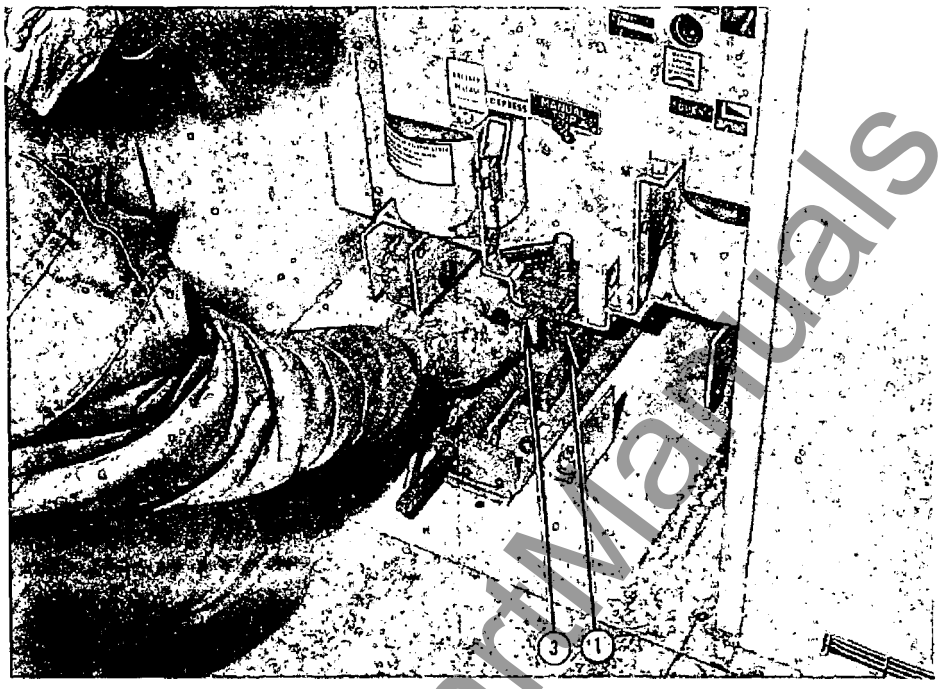
III READYING ACB FOR RACK-IN L-0011

Rack-in mechanism rod (2) directly over hole (1) in movable block.



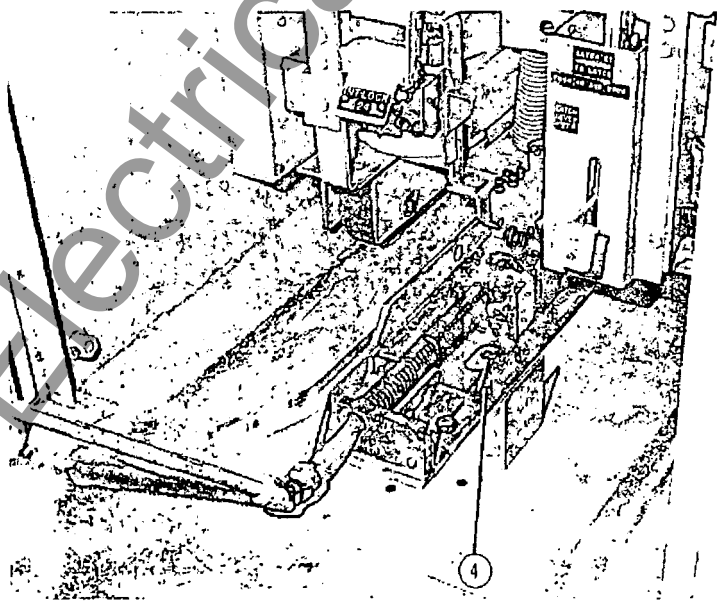
IV ACB READY FOR RACK-IN L-0012

Ring (3) which vertically positions rack-in mechanism rod (2) is pulled forward allowing rod (2) to engage in hole (1) on movable carriage block thereby locking ACB to carriage mechanism.



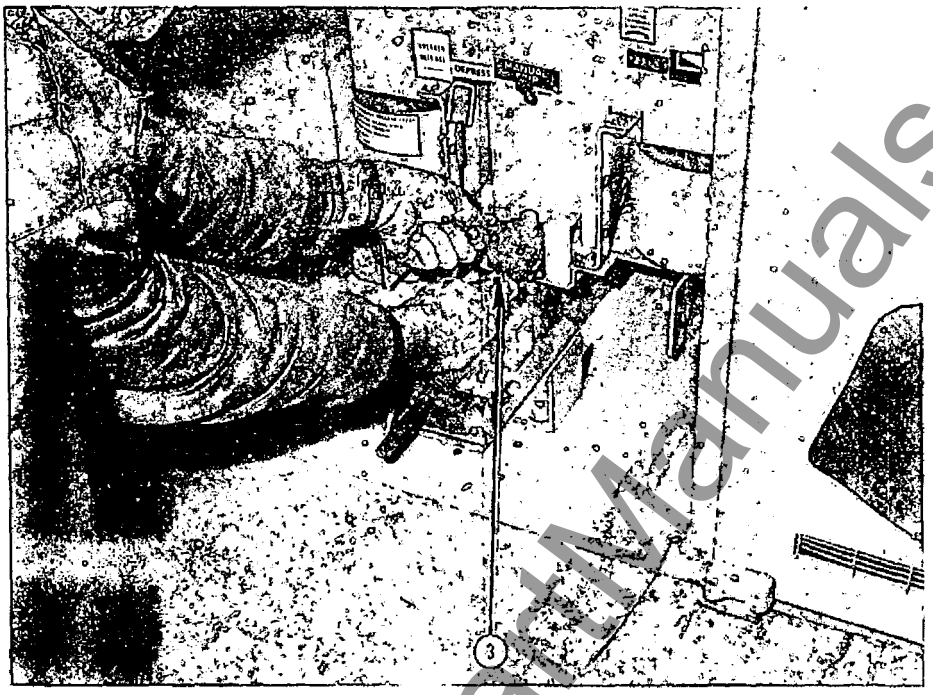
V ACB RACKED INTO TEST POSITION L-0013

Ring (3) is pulled forward allowing rack-in mechanism rod to drop further into hole (1) on movable block and to drop into hole (4) (See Ill. VI) in cubicle floor locking ACB in test position.



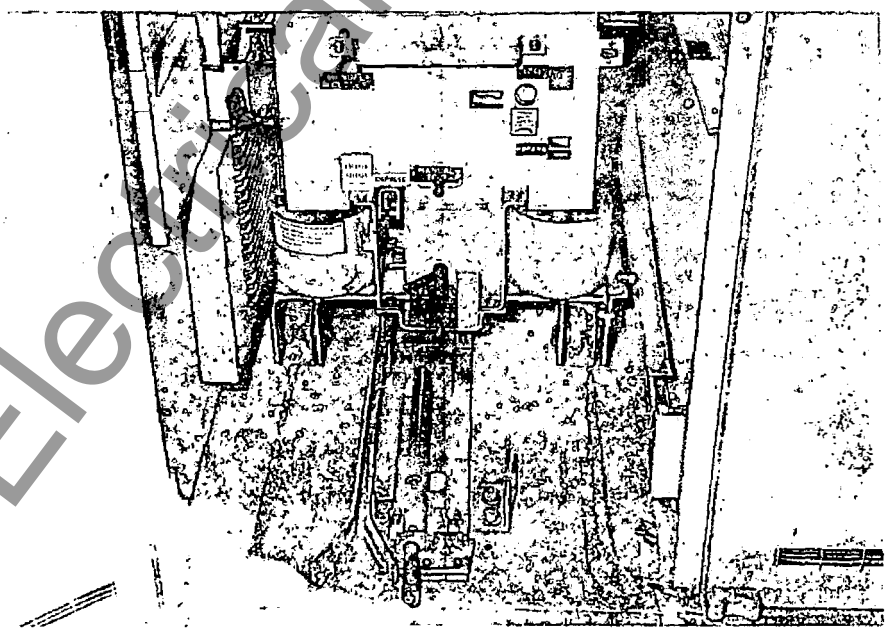
VI TEST POSITION LOCK-IN HOLE L-0014

Hole (4) which allows ACB to be locked into test position (as shown in Ill. V).



VII READYING ACB FOR RELEASE FROM TEST POSITION L-0016

Ring (3) is pulled forward allowing rack-in mechanism rod (2) to be raised one notch to rack-in position. (As shown in Ill. IV).



VIII ACB IN FULL CONNECT POSITION L-0016

ACB may be racked out and locked in test position per Ill. V.

ACB may be removed from cubicle by reverse procedure as in Ill. IV and rod as shown on Ill. II.