



TOOLS-AN ORDINARY SCREW DRIVER AND A PAIR OF PLIERS ARE ALL THAT ARE REQUIRED FOR ALL ADJUSTMENTS AND WIRE CONNECTIONS.

RINGER ADJUSTMENT - THE ARMATURE SHALL BE SO ADJUSTED THAT THE CLAPPER BALL HAS A MOVEMENT OF ABOUT $\frac{1}{16}$ INCH. TO OBTAIN THIS, TURN THE SCREW "A" TO THE RIGHT TO SHORTEN THE STROKE OR TO THE LEFT TO LENGTHEN THE STROKE. THE GONGS SHOULD BE SO SET THAT THE CLAPPER BALL STRIKES BUT DOES NOT REST AGAINST THEM WHEN THROWN TO EITHER SIDE. TO CHANGE THE POSITION OF THE GONGS LOOSEN THE CLAMPING SCREW "B", TURN THE ECCENTRIC ADJUSTING SCREW "C" UNTIL THE CORRECT POSITION IS OBTAINED AND TIGHTEN UP THE CLAMPING SCREW "B".

THIS SET WHEN SHIPPED HAS THE RINGER CONNECTED TO "L1" AND "L2" FOR BRIDGING SERVICE METALLIC LINE. WHEN USED ON GROUNDED CIRCUITS, CONNECT LINE WIRE TO "L1" AND CONNECT GROUND WIRE TO "L2". WHEN USED FOR DIVIDED RINGING, THAT IS, RINGING FROM EITHER SIDE OF LINE AND GROUND, CONNECT BLACK RINGER LEAD TO "L1" AND RED RINGER LEAD TO "GND" IN ONE GROUP OF SETS AND IN THE OTHER GROUP CONNECT RED RINGER LEAD TO "L2" AND BLACK RINGER LEAD TO "GND" ALSO CONNECT "GND" OF ALL THE SETS TO THE GROUND WIRE.