

24. Install mounting bracket on rear of condenser C1. The bracket mounts on rear of ceramic frame. See Fig. 7 for details. Use a 3/8" hex nut to secure.
25. Solder a 2" piece of #20 bus-bar wire to lug 3 of C1 as it is inaccessible after the condenser is mounted to the chassis. See Fig. 7 for details.
26. Insert the shaft of C1 into the large hole of its front mounting bracket (this bracket was mounted in an earlier step). Position C1 as shown in Fig. 2 and secure to front bracket with 6-32x5/16" screws.
27. Secure the rear bracket of C1 to the chassis with a 6-32x5/16" screw. A #6 solder lug GL4 mounts on this screw on the top side of chassis. (See Fig. 2). Secure with a 6-32x1/4" nut and lockwasher.
28. Tighten all C1 bracket nuts and screws.
29. Engage the large drive wheel and the drive pulley by inserting the edge of the large wheel into the edge of the split drive pulley. Insert it approximately 1/16" into the small pulley by moving the short drive shaft in its hole.
30. Mount the 4" drive wheel on the shaft of C1, hub side away from C1.
31. Mount the 7/8" drive pulley on the tuning shaft with hub side towards you, Fig. 1.
32. Slide both wheels as close to the chassis as the nut on the tuning shaft will allow. Tighten the 4 set screws.
33. Mount the 160M output coil L1 (Brown Dot) from underneath in the 3/16" hole. Position lugs as shown in Fig. 3. Secure with 5/16" nut on top side of chassis.
34. Mount the 40M output coil L2 (Red Dot) from underneath in the 1/4" hole next to L1. Position lugs as shown in Fig. 3. Secure on top side of chassis with a 3/8" nut. Attach a #6 nut to the core adjusting screw.
35. Mount the slide switch SW-2 on the rear side of the panel with the two lugs nearest to the ON position. Use 4-40x3/8" screws and 4-40x3/16" hex nuts.
36. Attach the panel to the chassis as follows: Insert the two 6-32x7/8" screws into the two small panel holes from the front side of the panel. Place two #10 washers over each of the screws from the rear side of the panel, then add the 3/8" brass spacers. Insert the two screws into the two small holes on the front of the chassis. Add a #6 lock washers and a 6-32x1/4" hex nut to each screw from the inside of the chassis. Tighten snugly only.
37. Mount the knobs on the bandswitch and VFO tuning shafts. Set the bandswitch to the OFF position, then align the white indicator line on the knob skirt with the OFF line on the panel. Tighten the set screw. As the tuning knob rotates 360 degrees it may be installed with the indicator line in any position.
- 3-3. The mounting of parts has now been completed. Advance to the Wiring Procedure 4-1.