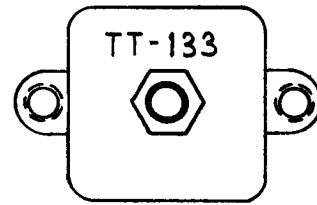
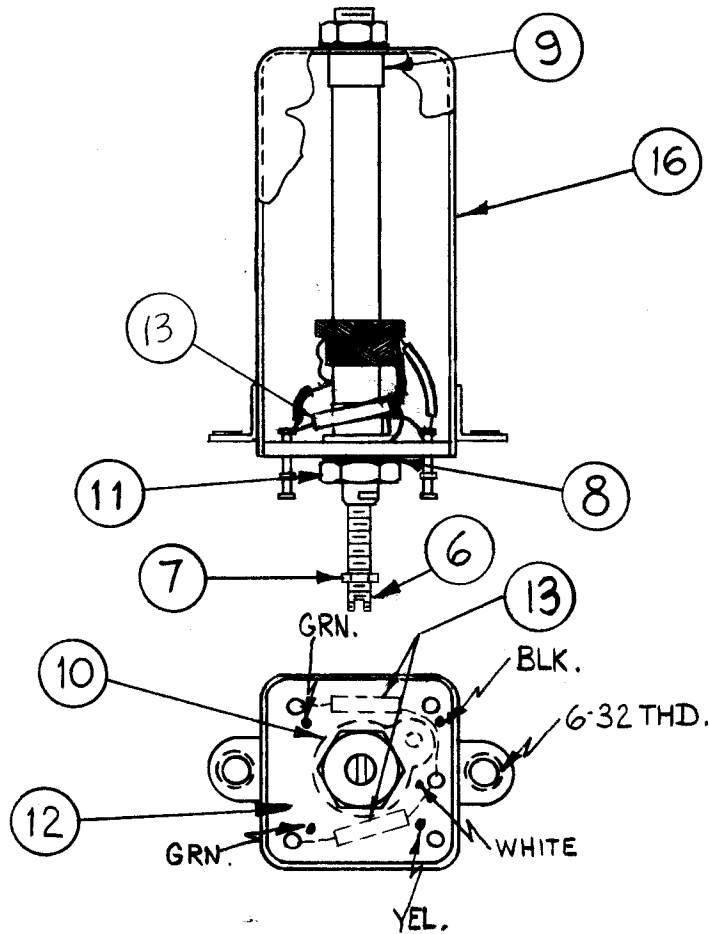


A-3005

STAMP CAN AS SHOWN 1/8 HIGH BLACK GOTHIC.
NOTE: STAMP TMC INSIGNIA AND APPROVAL ON SIDE OF CAN.



CEMENT COIL FORM TO BUSHING WITH GL-103.



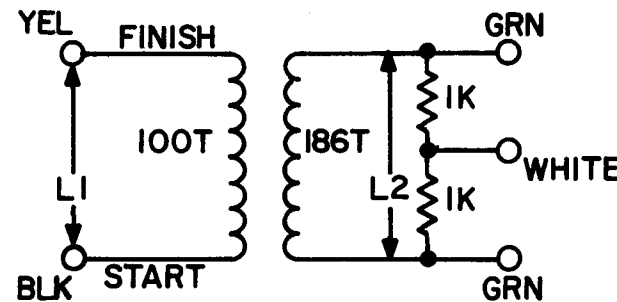
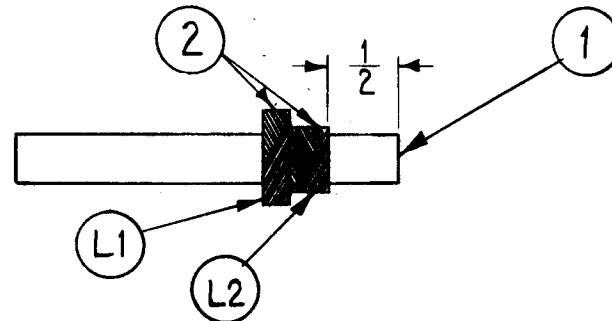
COLOR CODE TERMINAL BOARD AS SHOWN.

WINDING MACHINE DATA

| PRIMARY L ₁ | | PRIMARY L ₂ | |
|------------------------|------|------------------------|------|
| Cam Gear | 49 | Cam Gear | 105 |
| Driver Gear | 95 | Driver Gear | 69 |
| Cam | .125 | Cam | .250 |

WINDING DATA

1. Start secondary coil (L₂) 1/2" from end of form.
2. End winding L₂ at 186 turns.
3. Keep all leads approximately 3" long.
4. Start primary coil about 1" from end of form.
5. End winding (L₁) at 100 turns.
6. Push primary winding L₁ against secondary winding (L₂).
7. Stake leads to coil form with item 4.
8. Bake for 1/2 hour at 215° F.
9. Immediately apply coating of GL-104-2 item 5.
10. Bake hard for 1/2 hour at 215° F.
11. Test according to test data at right.
12. Assemble as shown at left.



TEST DATA W/O CORE

| PRIMARY L ₁ | SECONDARY L ₂ |
|------------------------|--------------------------|
| L = 90 uhy ± 10 | L = 200 uhy ± 5 |
| Q = 25 or Greater | Q = 35 or Greater |
| F = 790 KC | F = 790 KC |

USE BOONTON RADIO CORP. Q-METER MODEL 160A OR EQUIVALENT.

| | | | | |
|---|----|-------------|----------------------------|--------|
| X | 20 | BS100 | SOLDER, TIN ALLOY | |
| | 19 | DELETED | | |
| | 18 | DELETED | | |
| | 17 | DELETED | | |
| 1 | 16 | A-1950-1 | CAN ASS'Y | |
| X | 15 | DELETED | | |
| X | 14 | DELETED | | |
| 2 | 13 | RC20GF102J | Resistor, Fixed | |
| 1 | 12 | PX-586-1 | Terminal Board | |
| 2 | 11 | NTH0832BN8 | Nut Hex. | |
| 1 | 10 | TE-104-3 | Ground Lug | |
| 2 | 9 | SM-140-2 | Bushing, Coil Mtg. | |
| 2 | 8 | LW108MRN | Lockwasher, Int. TOOTH | |
| 1 | 7 | NTH0348BN6 | Nut, Hex. | |
| 1 | 6 | CI-116-6 | Core Tuning | Yellow |
| X | 5 | GL-104-2 | Insulex, U85 | |
| X | 4 | GL-103 | Cement Duco | |
| 1 | 3 | DELETED | | |
| X | 2 | WI-107-17 | Magnet Wire, DSC (Size 36) | |
| 1 | 1 | CF-122-1.93 | Coil Form .250 O.D. | |

| REQ. | ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-------------------------------------|------|-------------------|-------------|-----------------|
| THE TECHNICAL MATERIEL CORP. | | | | |
| MAMARONECK, NEW YORK | | | | |
| TT-133 TRANSFORMER ASS'Y | | | | |
| MATERIAL | | | | |
| TYPE & TEMPER | | HEAT TREAT. SPEC. | | DRAWN |
| | | | | CHECKER |
| FINISH & SPEC. NO. | | ELEC. DES. APP. | | MECH. DES. APP. |

| SYM | DESCRIPTION | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
|-----|---|---------|---------|--------|---------|-------------|
| D | ITEM 3, 14, 15, 17, 18 & 19 DELETED | 2-15-67 | 17824 | WHD | JCB | [Signature] |
| C | ITEM 20 ADDED ITEM 13 WAS RC20GF102K | 7-27-66 | 16902 | WHD | JCB | [Signature] |
| B | 1/2" WAS 3/8" ON WINDING DATA | 9-28-61 | 5650 | EE | CRB | [Signature] |
| A | ITEMS 17, 18 & 19 ADDED, WIRING PICT. REVISED | 8-10-61 | 5411 | WHD | RL | [Signature] |

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°

SCALE: DO NOT SCALE
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

| REQ. PER UNIT | MODEL | SECTION | ASS'Y. NO. | DATE |
|---------------|-------|---------|------------|--------|
| 1 | CHG-2 | MF/RF | | 6-1-61 |

USED ON