

| FIG. &<br>INDEX<br>NO. | PART NO.     | DESCRIPTION                                                                                                                                      | UNITS<br>PER<br>ASSY. | USABLE<br>ON<br>CODE |
|------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|
|                        |              | 1 2 3 4 5 6 7                                                                                                                                    |                       |                      |
| 4-34                   | 506-6522-005 | . PANEL, Front, welded (Used effective Front Panel . . . .<br>No MOD)                                                                            | 1                     |                      |
| -34                    | 540-9933-005 | . PANEL, Mounting (Used effective Front Panel MOD-1) . .                                                                                         | 1                     |                      |
| 5-                     | 506-7127-005 | DRIVE SWITCH (See figure 4-1 for next higher ASSY) . . . .<br>(Used effective Drive Switch No MOD, MOD-1)                                        | REF                   |                      |
| 5-                     | 540-9966-002 | DRIVE SWITCH (See figure 4-1 for next higher ASSY) . . . .<br>(Used effective Drive Switch MOD-2, MOD-3)                                         | REF                   |                      |
| 5-                     | 540-9970-005 | . RECEIVER-TRANSMITTER SUBASSEMBLY, Switch . . . .<br>drive (Used effective Drive Switch MOD-2, MOD-3)                                           | 1                     |                      |
| -1                     | 506-6618-002 | . . CLAMP, To accommodate shaft (Used effective . . . .<br>Drive Switch No MOD, MOD-1)<br>(ATTACHING PARTS)                                      | 1                     |                      |
| -2                     | COML         | . . NUT, Square, 4-40 THD, STL, CAD PL Fed Mfr . . . .<br>Code 77250 (334-0485-00)                                                               | 1                     |                      |
| -3                     | 324-0303-00  | . . SCREW, Cap, socket HD, STL, flat FIL H W/ . . . .<br>multiple spline recess, 4-40 THD, 9/16 IN. LG                                           | 1                     |                      |
| -4                     | COML         | . . WASHER, Lock, SST, split helical ring, 0.115 ID, . . . .<br>0.212 OD, 0.025 IN. THK Harper Mfg. Co.<br>(310-0279-00)                         | 1                     |                      |
| -4.1                   | 504-7537-002 | . . CLAMP, To accommodate shaft (Used effective . . . .<br>Drive Switch MOD-2)<br>(ATTACHING PARTS)                                              | 1                     |                      |
| -4.2                   | COML         | . . NUT, Square, 4-40 THD, STL, CAD PL . . . . .<br>Fed Mfr Code 77250 (334-0485-00)                                                             | 1                     |                      |
| -4.3                   | 324-0300-00  | . . SCREW, Cap, socket HD, flat FIL H, W/ multiple . . . .<br>spline recess, 4-40 THD, 1/2 IN. LG, STL, CAD PL                                   | 1                     |                      |
| -4.4                   | COML         | . . WASHER, Lock, RD, 0.125 ID, 0.187 OD, 0.311 IN. . . .<br>THK Fed Mfr Code 78189 (310-3340-00)                                                | 1                     |                      |
| -5                     | 540-7420-002 | . . COUPLING, Rigid, split hub (Used effective . . . . .<br>Drive Switch MOD-2)                                                                  | 1                     |                      |
| -6                     | R41-1966     | . . RELAY, Armature, 1 make and 1 break CONT . . . . .<br>arrangement Fed Mfr Code 70703 (410-0109-00)<br>(Used effective Drive Switch No MOD)   | 1                     |                      |
| -6                     | R41-1139     | . . RELAY, Armature, 1L, 32 VDC at 5 AMP Fed Mfr . . . .<br>Code 70703 (410-0074-00) (Used effective Drive<br>Switch MOD-1)<br>(ATTACHING PARTS) | 1                     |                      |
| -7                     | AN500B4R-4   | . . SCREW, Machine, cross recessed FH, 4-40 X 1/4 IN. LG,<br>BRS, NI PL (347-0090-00)                                                            | 1                     |                      |
| -8                     | COML         | . . WASHER, Lock, 0.125 ID, 0.187 OD, 0.031 IN. THK, . . .<br>SST Fed Mfr Code 78189 (310-3340-00)                                               | 1                     |                      |
| -9                     | MS35214-10   | . . SCREW, Machine, cross recessed pan HD, 4-40 X . . . .<br>1/8 IN. LG, BRS, NI PL (343-0283-00)                                                | 4                     |                      |
| -10                    | AN936B4      | . . WASHER, Lock, 0.123 ID, 0.255 OD, 0.016 IN. THK, . . .<br>SST (373-8010-00)                                                                  | 4                     |                      |
| -11                    | NE-2         | . . LAMP, Glow, 1/25 W Fed Mfr Code 89456 . . . . .<br>(262-0025-00)                                                                             | 1                     |                      |
| -12                    | 503-5079-002 | . . PAWL, For autopositioner (Used effective Drive . . . .<br>Switch No MOD, MOD-1, MOD-2)                                                       | 1                     |                      |

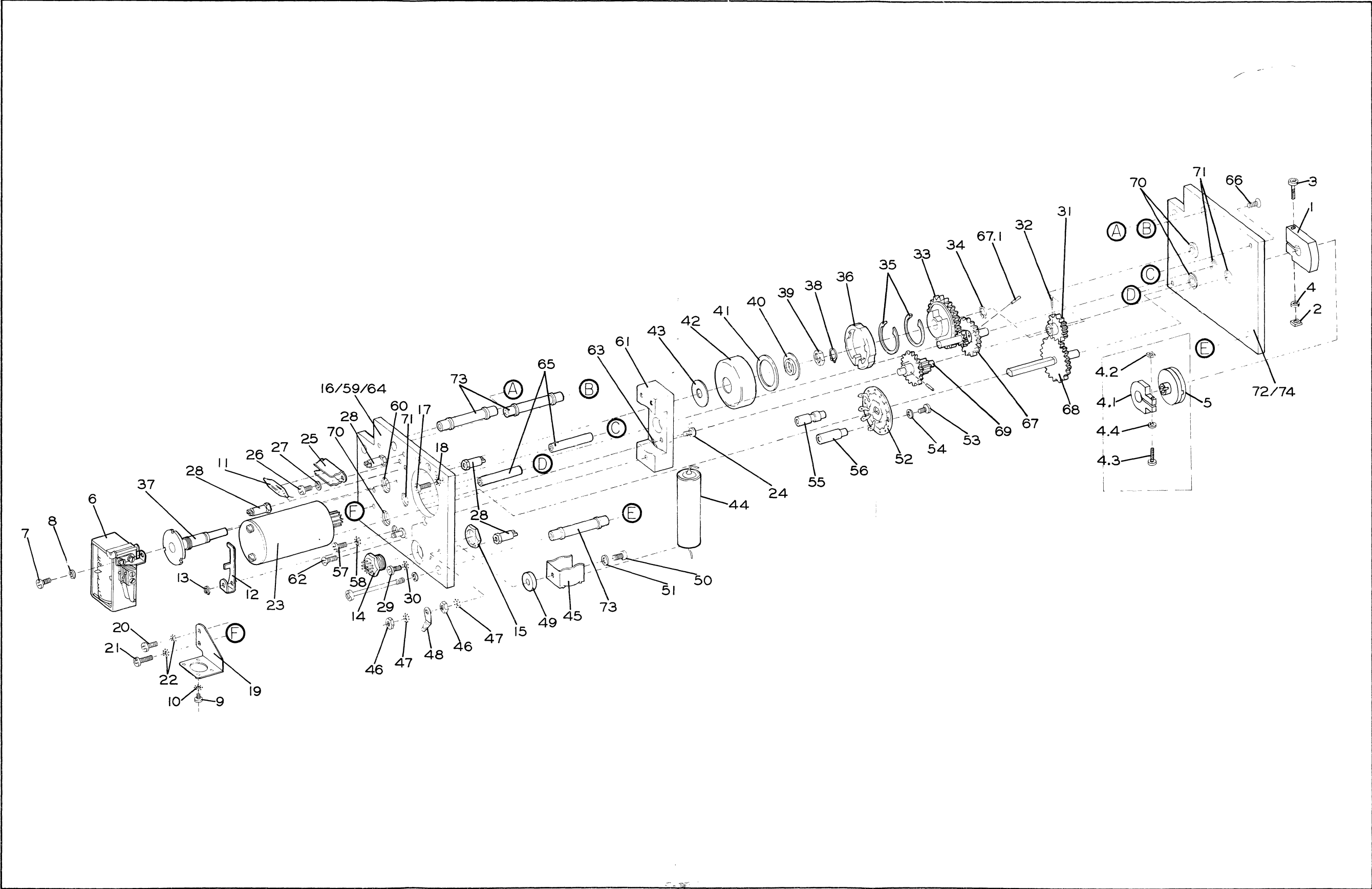


Figure 5. Drive Switch (No MOD, Mod-1 Thru Mod-3)

| FIG. &<br>INDEX<br>NO. | PART NO.     | DESCRIPTION                                                                                                                           | UNITS<br>PER<br>ASSY. | USABLE<br>ON<br>CODE |
|------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|
|                        |              | 1 2 3 4 5 6 7                                                                                                                         |                       |                      |
| 5-63                   | 309-0370-00  | . . . . . BEARING, Ball, double shielded, plain . . . . .<br>finish                                                                   | 1                     |                      |
| -64                    | 506-7125-004 | . . . . . PLATE, Front . . . . .                                                                                                      | 1                     |                      |
| -65                    | 506-7112-002 | . . . . . POST, Supporting . . . . .<br>(ATTACHING PARTS)                                                                             | 2                     |                      |
| -66                    | MS35198-13   | . . . . . SCREW, Machine, cross recessed FH, 4-40 X<br>5/16 IN. LG, BRS, NI PL (342-0153-00)<br>-----*-----                           | 2                     |                      |
| -67                    | 506-7116-002 | . . GEAR, Spur, 95 teeth . . . . .                                                                                                    | 1                     |                      |
| -67.1                  | COML         | . . PIN, Groove, headless, SST Fed Mfr Code 91738 . . .<br>(311-1122-30)                                                              | 1                     |                      |
| -68                    | 540-7426-002 | . . GEAR, Spur, 64 teeth . . . . .                                                                                                    | 1                     |                      |
| -69                    | 506-7119-002 | . . GEAR, Spur, 95 teeth . . . . .                                                                                                    | 1                     |                      |
| -70                    | 309-0002-00  | . . BEARING, Ball, double shielded, plain finish . . . . .                                                                            | 3                     |                      |
| -71                    | 309-0370-00  | . . BEARING, Ball, double shielded, plain finish . . . . .                                                                            | 3                     |                      |
| -72                    | 506-7123-003 | . . PLATE, Rear bearing, switch . . . . .                                                                                             | 1                     |                      |
| -73                    | 506-7104-002 | . . . POST, Spacing . . . . .                                                                                                         | 3                     |                      |
| -74                    | 506-7122-003 | . . . PLATE, Rear bearing, switch . . . . .                                                                                           | 1                     |                      |
| 6-                     | 506-6624-005 | DRIVE ASSY, Tuning (See figure 4-2 for next higher . . . . .<br>ASSY) (Used effective Tuning Drive No MOD)                            | REF                   |                      |
| 6-                     | 540-9965-002 | DRIVE ASSY, Tuning (See figure 4-2 for next higher . . . . .<br>ASSY) (Used effective Tuning Drive MOD-1)                             | REF                   |                      |
| 6-                     | 540-9969-005 | . DRIVE, Tuning, wired (Used effective Tuning Drive . . .<br>MOD-1)                                                                   | 1                     |                      |
| -1                     | 506-6618-002 | . . CLAMP, To accommodate shaft (Used effective . . .<br>Tuning Drive No MOD)<br>(ATTACHING PARTS)                                    | 1                     |                      |
| -2                     | COML         | . . NUT, Square, 4-40, STL, CAD PL Fed Mfr . . . . .<br>Code 77250 (334-0485-00)                                                      | 1                     |                      |
| -3                     | 324-0303-00  | . . SCREW, Cap, socket HD, STL, FIL H, W/ multiple . . .<br>spline recess, 4-40 X 9/16 IN. LG                                         | 1                     |                      |
| -4                     | COML         | . . WASHER, Lock, SST, split helical ring, 0.115 ID, . . .<br>0.212 OD, 0.025 IN. THK Harper Mfg. Co.<br>(310-0279-00)<br>-----*----- | 1                     |                      |
| -4.1                   | 504-7537-002 | . . CLAMP, To accommodate shaft (Used effective . . .<br>Tuning Drive MOD-1)<br>(ATTACHING PARTS)                                     | 1                     |                      |
| -4.2                   | COML         | . . NUT, Square, 4-40 THD, STL, CAD PL Fed Mfr . . .<br>Code 77250 (334-0485-00)                                                      | 1                     |                      |
| -4.3                   | 324-0300-00  | . . SCREW, Cap, socket HD, flat FIL H W/ multiple . . .<br>spline recess, 4-40 THD, 1/2 IN. LG, STL, CAD PL                           | 1                     |                      |
| -4.4                   | COML         | . . WASHER, Lock, RD, 0.125 ID, 0.187 OD, 0.311 IN. . . .<br>THK Fed Mfr Code 78189 (310-3340-00)<br>-----*-----                      | 1                     |                      |
| -5                     | 540-7420-002 | . . COUPLING, Rigid, split hub (Used effective . . . . .<br>Tuning Drive MOD-1)                                                       | 1                     |                      |
| -6                     | 506-6621-003 | . . PLATE, Bearing, rear . . . . .<br>(ATTACHING PARTS)                                                                               | 1                     |                      |
| -7                     | MS35198-14   | . . SCREW, Machine, cross recessed FH, 4-40 X . . . . .<br>3/8 IN. LG, BRS, NI PL (342-0154-00)                                       | 2                     |                      |
| -7.1                   | 506-6612-002 | . . POST, Spacing, AL, chromate dipped . . . . .                                                                                      | 3                     |                      |

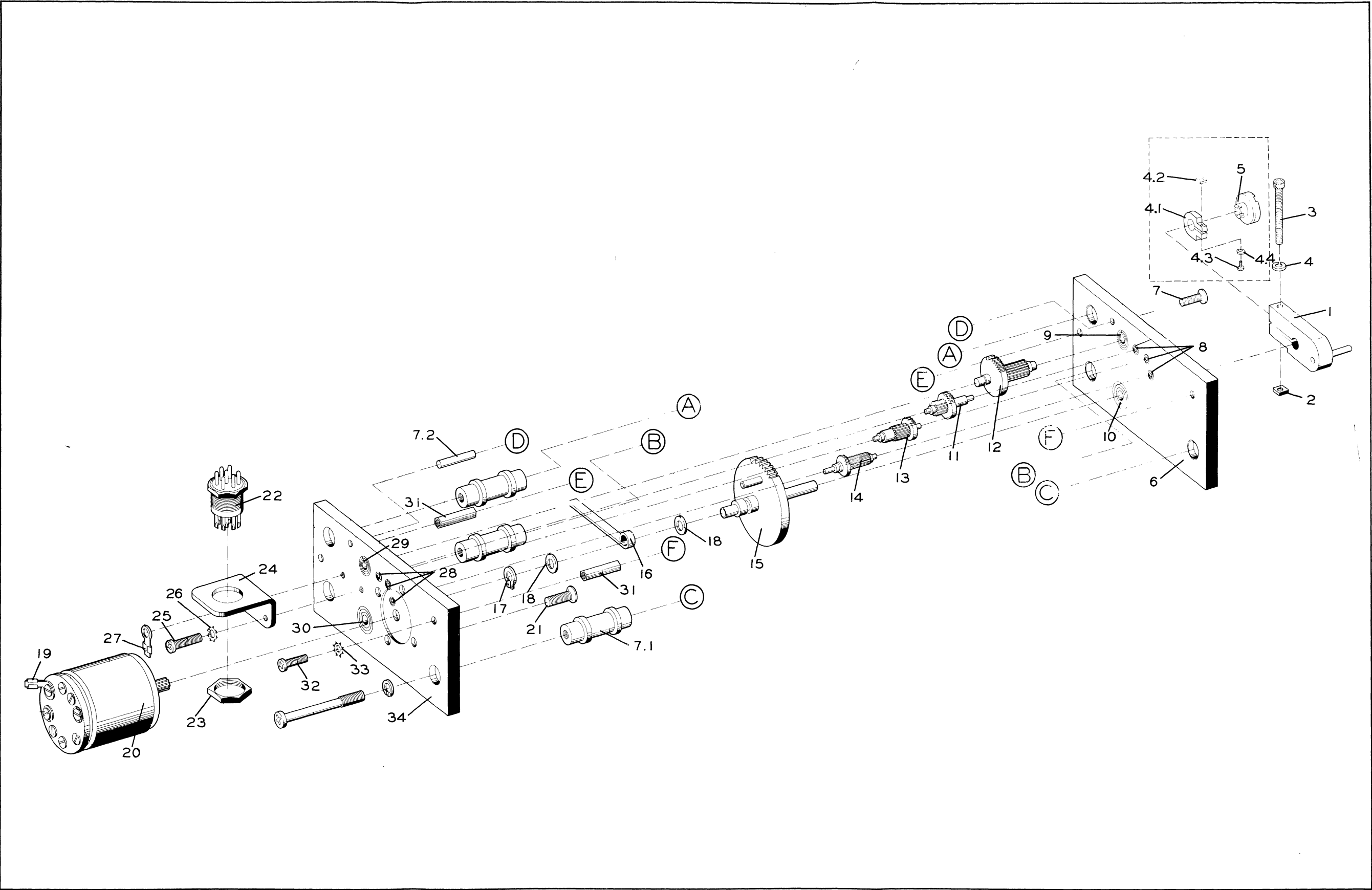


Figure 6. Tuning Drive Assembly (No Mod, Mod-1)

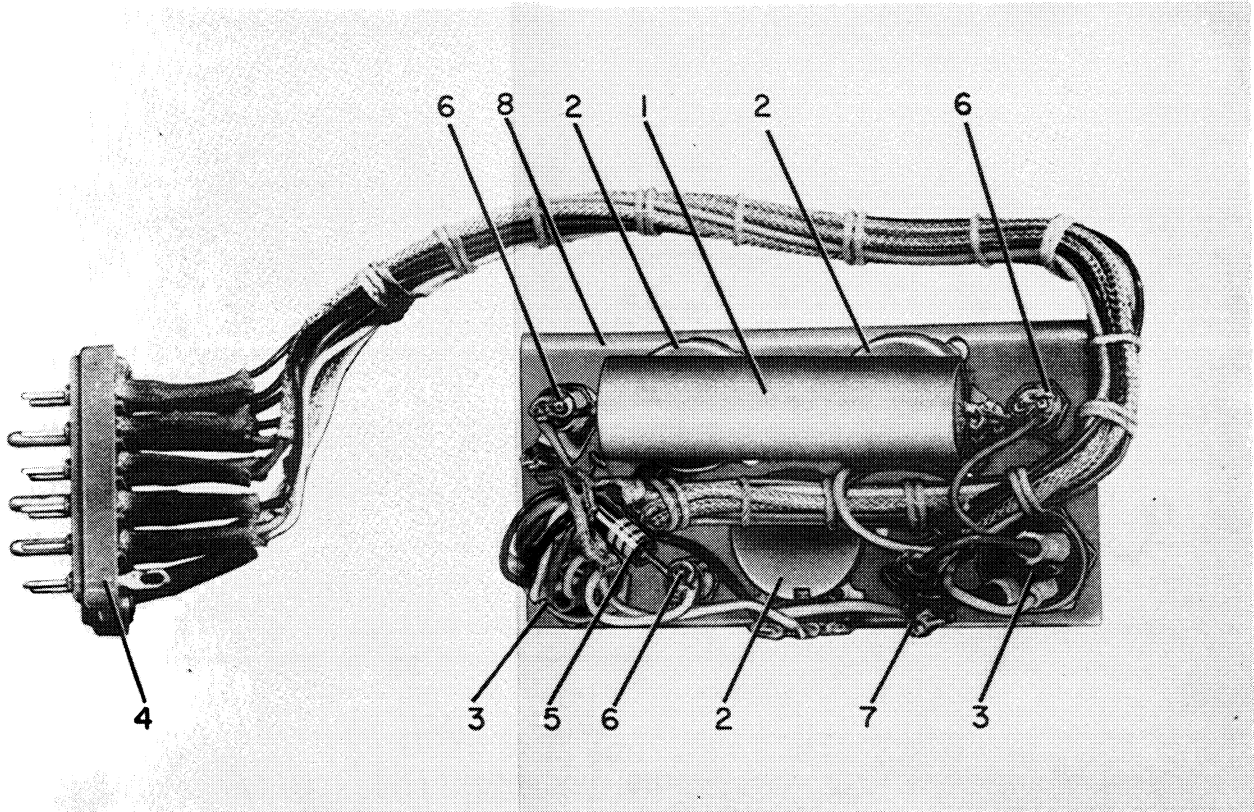


Figure 9. Sidetone Control

| FIG. &<br>INDEX<br>NO. | PART NO.     | DESCRIPTION |                                                            |   |   |   |   |   | UNITS<br>PER<br>ASSY. | USABLE<br>ON<br>CODE |
|------------------------|--------------|-------------|------------------------------------------------------------|---|---|---|---|---|-----------------------|----------------------|
|                        |              | 1           | 2                                                          | 3 | 4 | 5 | 6 | 7 |                       |                      |
| 9-                     | AN936B4      | .           | WASHER, Lock, 0.123 ID, 0.255 OD, 0.016 IN. THK, . . . . . |   |   |   |   |   | 5                     |                      |
|                        |              |             | SST (373-8010-00)                                          |   |   |   |   |   |                       |                      |
|                        | 2104-4       | .           | TERMINAL, Lug, PH BRZ . . . . .                            |   |   |   |   |   | 1                     |                      |
|                        |              |             | Fed Mfr Code 78189 (304-6910-00)                           |   |   |   |   |   |                       |                      |
|                        | AN340B4      | .           | NUT, HEX, 4-40 THD, BRS, NI PL. . . . .                    |   |   |   |   |   | 1                     |                      |
|                        |              |             | (313-0051-00)                                              |   |   |   |   |   |                       |                      |
|                        |              |             | -----*-----                                                |   |   |   |   |   |                       |                      |
| -7                     | 2104-4       | .           | TERMINAL, Lug, PH BRZ Fed Mfr Code 78189 . . . . .         |   |   |   |   |   | 1                     |                      |
|                        |              |             | (304-6910-00)                                              |   |   |   |   |   |                       |                      |
|                        |              |             | (ATTACHING PARTS)                                          |   |   |   |   |   |                       |                      |
|                        | AN340B4      | .           | NUT, HEX, 4-40 THD, BRS, NI PL (313-0051-00) . . . . .     |   |   |   |   |   | 1                     |                      |
|                        | AN936B4      | .           | WASHER, Lock, 0.123 ID, 0.255 OD, 0.016 IN. THK . . . . .  |   |   |   |   |   | 1                     |                      |
|                        |              |             | SST (373-8010-00)                                          |   |   |   |   |   |                       |                      |
|                        | MS35214-12   | .           | SCREW, Machine, cross recessed pan HD, 4-40 X . . . . .    |   |   |   |   |   | 1                     |                      |
|                        |              |             | 1/4 IN. LG, BRS, NI PL (343-0285-00)                       |   |   |   |   |   |                       |                      |
|                        |              |             | -----*-----                                                |   |   |   |   |   |                       |                      |
| -8                     | 506-6514-003 | .           | PLATE, Connector . . . . .                                 |   |   |   |   |   | 1                     |                      |

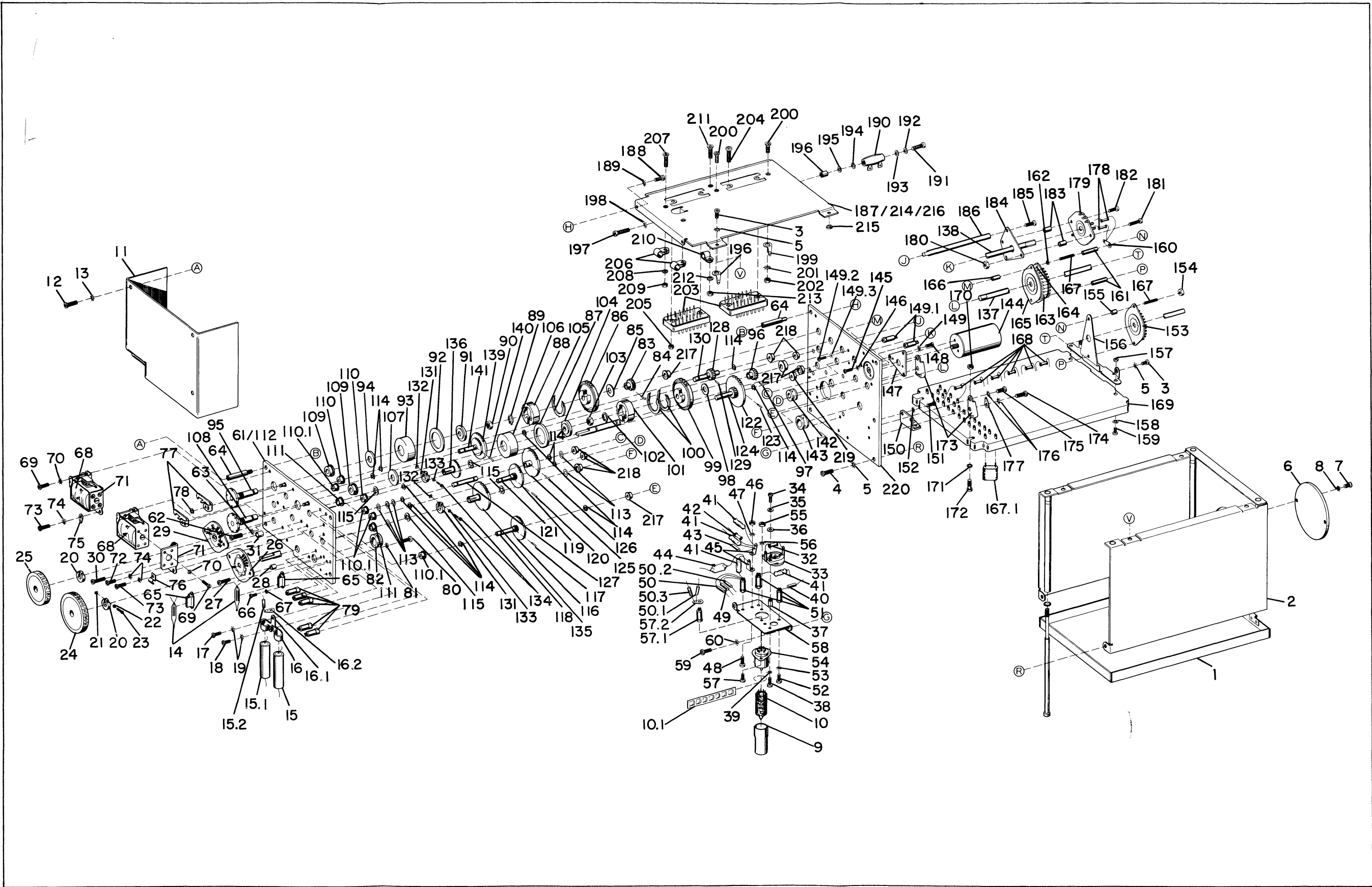


Figure 10. Crystal Oscillator (No Mod, Mod-1 thru Mod-6)

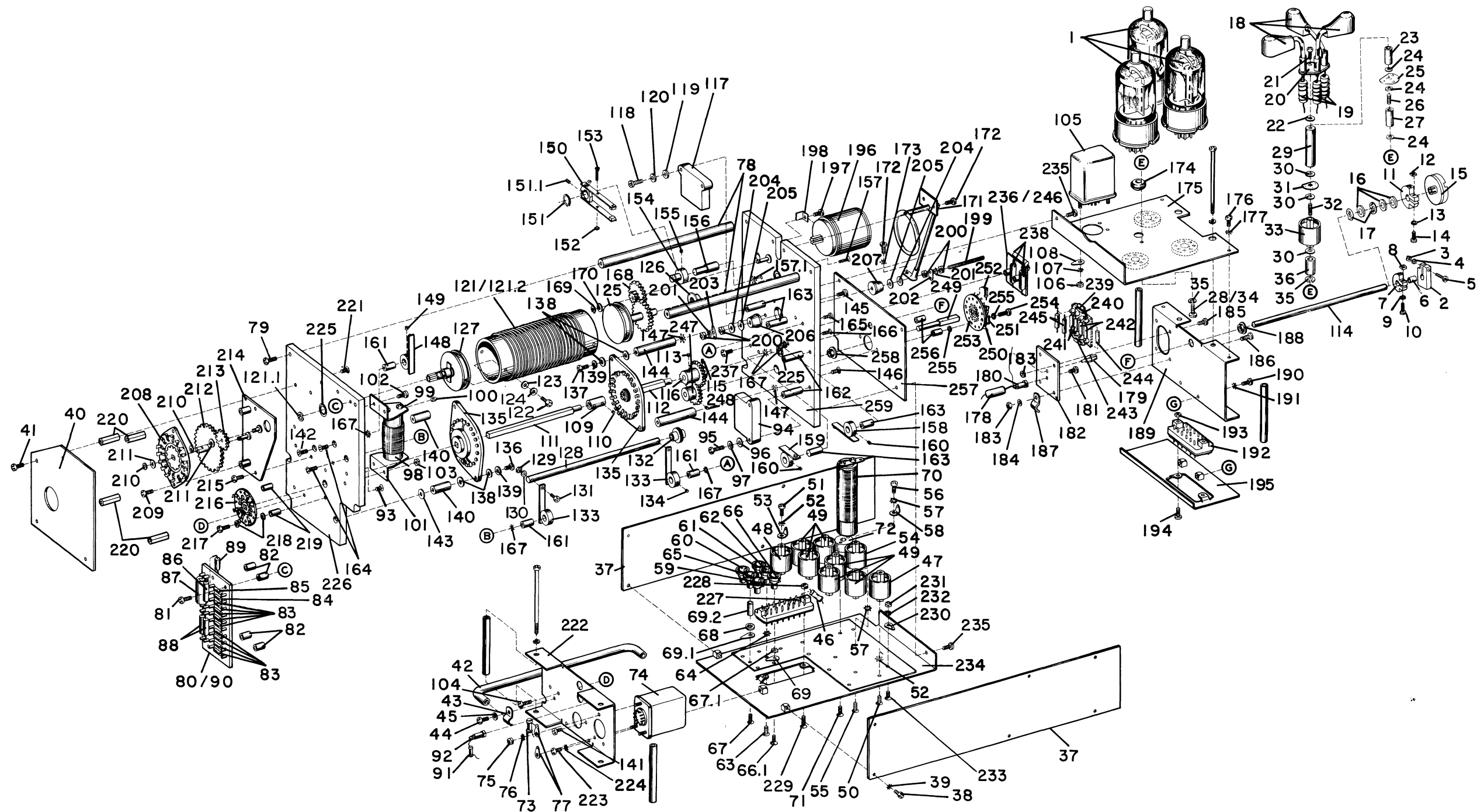


Figure 17. RF Amplifier (No Mod, Mod-1 thru Mod-6)

| FIG. &<br>INDEX<br>NO. | PART NO.     | DESCRIPTION |                                                           |   |   |   |   |   | UNITS<br>PER<br>ASSY. | USABLE<br>ON<br>CODE |
|------------------------|--------------|-------------|-----------------------------------------------------------|---|---|---|---|---|-----------------------|----------------------|
|                        |              | 1           | 2                                                         | 3 | 4 | 5 | 6 | 7 |                       |                      |
| 17-                    |              |             |                                                           |   |   |   |   |   |                       |                      |
| -8                     | COML         | .           | (ATTACHING PARTS)                                         |   |   |   |   |   | 1                     |                      |
|                        |              | .           | NUT, Square, 4-40, STL, CAD PL Fed Mfr Code . . . .       |   |   |   |   |   |                       |                      |
|                        |              |             | 77250 (334-0485-00)                                       |   |   |   |   |   |                       |                      |
| -9                     | COML         | .           | WASHER, Lock, 0.125 ID, 0.187 OD, 0.312 IN. THK, . . .    |   |   |   |   |   | 1                     |                      |
|                        |              |             | SST Fed Mfr Code 78189 (310-3340-00)                      |   |   |   |   |   |                       |                      |
| -10                    | 324-0300-00  | .           | SCREW, Cap, socket HD, FIL H W/multiple spline . . .      |   |   |   |   |   | 1                     |                      |
|                        |              |             | recess, 4-40 THD, 1/2 IN. LG, STL, CAD PL                 |   |   |   |   |   |                       |                      |
|                        |              |             | -----*-----                                               |   |   |   |   |   |                       |                      |
| -11                    | 540-9956-002 | .           | CLAMP, Shaft (Used effective RF Amplifier MOD-3 . . .     |   |   |   |   |   | 1                     |                      |
|                        |              |             | thru MOD-6)                                               |   |   |   |   |   |                       |                      |
|                        |              |             | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
| -12                    | COML         | .           | NUT, Square, 4-40, STL, CAD PL Fed Mfr Code . . . .       |   |   |   |   |   | 1                     |                      |
|                        |              |             | 77250 (334-0485-00)                                       |   |   |   |   |   |                       |                      |
| -13                    | COML         | .           | WASHER, Lock, 0.125 ID, 0.187 OD, 0.312 IN. THK, . . .    |   |   |   |   |   | 1                     |                      |
|                        |              |             | SST Fed Mfr Code 78189 (310-3340-00)                      |   |   |   |   |   |                       |                      |
| -14                    | 324-0300-00  | .           | SCREW, Cap, socket HD, FIL H W/ multiple spline . . .     |   |   |   |   |   | 1                     |                      |
|                        |              |             | recess, 4-40 THD, 1/2 IN. LG, STL, CAD PL                 |   |   |   |   |   |                       |                      |
|                        |              |             | -----*-----                                               |   |   |   |   |   |                       |                      |
| -15                    | 540-7420-002 | .           | COUPLING, Rigid, split hub (Used effective RF . . . . .   |   |   |   |   |   | 1                     |                      |
|                        |              |             | Amplifier MOD-3 thru MOD-6)                               |   |   |   |   |   |                       |                      |
| -16                    | COML         | .           | WASHER, Flat, SIL PL BRS, 0.038 IN. THK, 0.203 ID, . .    |   |   |   |   |   | 3                     |                      |
|                        |              |             | 0.437 OD Fed Mfr Code 79807 (310-0059-00)                 |   |   |   |   |   |                       |                      |
| -17                    | COML         | .           | WASHER, Curved, 0.203 ID, 3/8 OD, 0.012 IN. THK, . . .    |   |   |   |   |   | 2                     |                      |
|                        |              |             | STL, CAD PL Fed Mfr Code 79807 (310-0148-00)              |   |   |   |   |   |                       |                      |
| -18                    | SPP-3        | .           | CLIP, Electrical, BRS, 9/16 X 5/8 X 1-1/8 IN. . . . .     |   |   |   |   |   | 3                     |                      |
|                        |              |             | Fed Mfr Code 42498 (301-1002-00)                          |   |   |   |   |   |                       |                      |
| -19                    | 506-7393-002 | .           | SUPPRESSOR, Parasitic, one 33 ohms, 1 W resistor . . .    |   |   |   |   |   | 3                     |                      |
| -20                    | 506-7404-002 | .           | BOARD, Terminal, general purpose . . . . .                |   |   |   |   |   | 1                     |                      |
|                        |              |             | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
| -21                    | MS35214-27   | .           | SCREW, Machine, cross recessed pan HD, 6-32 X 1/2 . .     |   |   |   |   |   | 1                     |                      |
|                        |              |             | IN. LG, BRS, NI PL (343-0332-00)                          |   |   |   |   |   |                       |                      |
| -22                    | COML         | .           | WASHER, Nonmetallic, corprene, 0.032 IN. THK, . . . .     |   |   |   |   |   | 1                     |                      |
|                        |              |             | 0.147 ID, 0.375 OD Fed Mfr Code 79807                     |   |   |   |   |   |                       |                      |
|                        |              |             | (302-0026-00)                                             |   |   |   |   |   |                       |                      |
|                        |              |             | -----*-----                                               |   |   |   |   |   |                       |                      |
| -23                    | NS4W0112     | .           | INSULATOR, Standoff (190-0014-00) (Used effective . . .   |   |   |   |   |   | 1                     |                      |
|                        |              |             | RF Amplifier No MOD, MOD-1, MOD-2)                        |   |   |   |   |   |                       |                      |
|                        |              |             | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
| -24                    | COML         | .           | WASHER, Nonmetallic, corprene, 0.032 IN. THK, . . . .     |   |   |   |   |   | 3                     |                      |
|                        |              |             | 0.147 ID, 0.375 OD Fed Mfr Code 79807                     |   |   |   |   |   |                       |                      |
|                        |              |             | (302-0026-00)                                             |   |   |   |   |   |                       |                      |
| -25                    | 506-7405-002 | .           | WASHER, Flat, 0.147 ID, 0.750 OD, 0.031 IN. THK, BRS . .  |   |   |   |   |   | 1                     |                      |
| -26                    | COML         | .           | STUD, Continuous thread, CAD PL BRS, 6-32 X 3/4 IN. . .   |   |   |   |   |   | 1                     |                      |
|                        |              |             | LG Fed Mfr Code 77250 (312-3080-00)                       |   |   |   |   |   |                       |                      |
| -27                    | NS4W0106     | .           | INSULATOR, Standoff (190-0011-00) . . . . .               |   |   |   |   |   | 1                     |                      |
| -28                    | MS35216-24   | .           | SCREW, Machine, cross recessed pan HD, 6-32 X . . .       |   |   |   |   |   | 1                     |                      |
|                        |              |             | 5/16 IN. LG (343-0168-00)                                 |   |   |   |   |   |                       |                      |
|                        |              |             | -----*-----                                               |   |   |   |   |   |                       |                      |
| -29                    | 540-9225-003 | .           | STANDOFF, AL, 1.250 IN. LG, tapped 6-32 . . . . .         |   |   |   |   |   | 1                     |                      |
|                        |              |             | (Used effective RF Amplifier MOD-3 thru MOD-6)            |   |   |   |   |   |                       |                      |
|                        |              |             | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
| -30                    | COML         | .           | WASHER, Nonmetallic, corprene, 0.032 IN. THK, 0.147 ID, . |   |   |   |   |   | 3                     |                      |
|                        |              |             | 0.375 OD Fed Mfr Code 79807 (302-0026-00)                 |   |   |   |   |   |                       |                      |
| -31                    | 506-7405-002 | .           | WASHER, Flat, 0.147 ID, 0.750 OD, 0.031 IN. THK, BRS . .  |   |   |   |   |   | 1                     |                      |
| -32                    | COML         | .           | STUD, Continuous thread, CAD PL BRS, 6-32 X 1/2 . . .     |   |   |   |   |   | 1                     |                      |
|                        |              |             | IN. LG Fed Mfr Code 77250 (312-3050-00)                   |   |   |   |   |   |                       |                      |

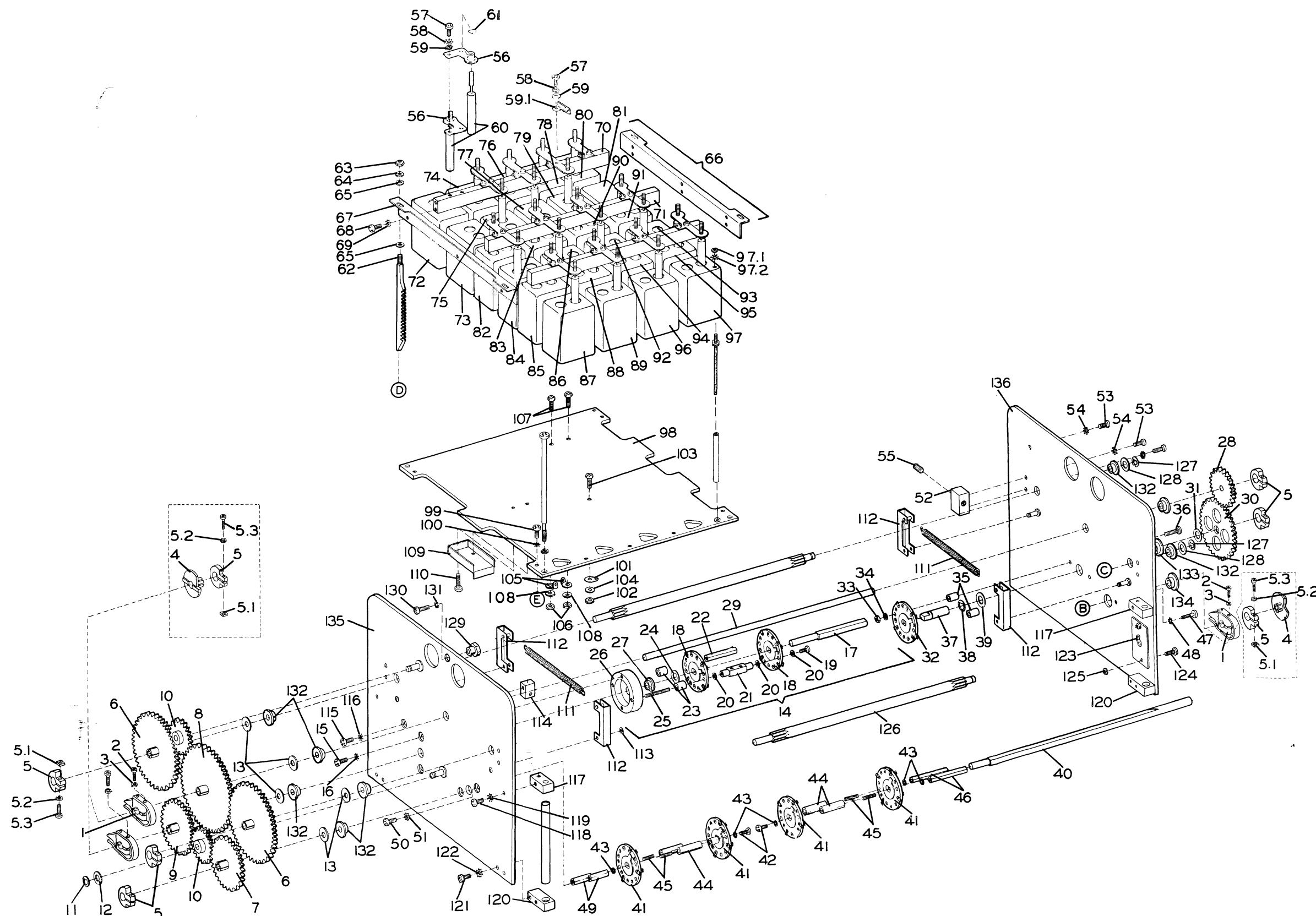


Figure 29. RF Tuner Coils and Switches  
(No Mod, Mod-1 thru Mod-10)

| FIG. &<br>INDEX<br>NO. | PART NO.     | DESCRIPTION                                                                                                                                     | UNITS<br>PER<br>ASSY. | USABLE<br>ON<br>CODE |
|------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|
|                        |              | 1 2 3 4 5 6 7                                                                                                                                   |                       |                      |
| 29-                    | NO NUMBER    | RF TUNER COILS AND SWITCHES (See figure 24-6 . . . .<br>for next higher ASSY) (Effective RF tuner No. MOD,<br>MOD-1 thru MOD-10)                | REF                   |                      |
| -1                     | 506-6928-002 | . COUPLING, COP (Used effective RF Tuner No MOD, . .<br>MOD-1, MOD-2, MOD-3, MOD-4, MOD-5, MOD-6)<br>(ATTACHING PARTS)                          | 3                     |                      |
| -2                     | 324-0300-00  | . SCREW, Cap, socket HD, FIL H W/ multiple spline . . .<br>recess, 4-40 X 1/2 IN. LG, STL, CAD PL<br>Fed Mfr Code 77250 (324-0300-00)           | 3                     |                      |
| -3                     | COML         | . WASHER, Lock, 0.125 ID, 0.187 OD, 0.312 IN. THK, . .<br>SST Fed Mfr Code 78189 (310-3340-00)<br>-----*                                        | 3                     |                      |
| -4                     | 540-7421-003 | . COUPLING HALF, Shaft, STL (Used effective RF Tuner .<br>MOD-7 thru MOD-10)                                                                    | 3                     |                      |
| -5                     | 504-7537-002 | . CLAMP, Loop, AL . . . . .<br>(ATTACHING PARTS)                                                                                                | 8                     |                      |
| -5.1                   | COML         | . NUT, SQ, 4-40, STL, CAD PL Fed Mfr Code 77250 . . .<br>(334-0485-00)                                                                          | 8                     |                      |
| -5.2                   | COML         | . WASHER, Lock, 0.125 ID, 0.187 OD, 0.312 IN. THK, . .<br>SST Fed Mfr Code 78189 (310-3340-00)                                                  | 8                     |                      |
| -5.3                   | COML         | . SCREW, Cap, socket HD, FIL H W/ multiple spline . . .<br>recess, 4-40 X 1/2 IN. LG, STL, CAD PL<br>Fed Mfr Code 77250 (324-0300-00)<br>-----* | 8                     |                      |
| -6                     | 506-6958-002 | . GEAR, Spur, 114 teeth . . . . .                                                                                                               | 2                     |                      |
| -7                     | 506-6961-002 | . GEAR, Spur, 84 teeth . . . . .                                                                                                                | 1                     |                      |
| -8                     | 506-6957-002 | . GEAR, Spur, 123 teeth . . . . .                                                                                                               | 1                     |                      |
| -9                     | 506-6960-002 | . GEAR, Spur, 84 teeth . . . . .                                                                                                                | 1                     |                      |
| -10                    | 540-5414-002 | . GEAR, Spur, 45 teeth . . . . .<br>(ATTACHING PARTS)                                                                                           | 2                     |                      |
| -11                    | 5133-18-S    | . RING, Retainer, STL Fed Mfr Code 79136 . . . . .<br>(340-0090-00)                                                                             | 2                     |                      |
| -12                    | 506-5910-003 | . WASHER, Flat, 0.197 ID, 0.375 OD, 0.015 IN. THK, SST .<br>OR                                                                                  | 2                     |                      |
|                        | 506-5911-003 | . WASHER, Flat, 0.197 ID, 0.375 OD, 0.015 IN. THK, SST .<br>-----*                                                                              | 2                     |                      |
| -13                    | 506-5910-003 | . WASHER, Flat, 0.197 ID, 0.375 OD, 0.015 IN. THK, SST .                                                                                        | 5                     |                      |
| -14                    | 506-6984-003 | . SWITCH ASSY, Tuner . . . . .<br>(ATTACHING PARTS)                                                                                             | 1                     |                      |
| -15                    | MS35214-13   | . SCREW, Machine, cross recessed pan HD, 4-40 X . . . .<br>5/16 IN. LG, BRS (343-0286-00)                                                       | 2                     |                      |
| -16                    | AN936B4      | . WASHER, Lock, 0.123 ID, 0.255 OD, 0.016 IN. THK, . .<br>SST (373-8010-00)<br>-----*                                                           | 2                     |                      |
| -17                    | 506-6954-002 | . . SHAFT, Switch . . . . .                                                                                                                     | 1                     |                      |
| -18                    | 57420-FX     | . . SWITCH SECTION, Rotary, 12 positions Fed . . . .<br>Mfr Code 76854 (269-1623-00)<br>(ATTACHING PARTS)                                       | 2                     |                      |
| -19                    | AN500B4R-5   | . . SCREW, Machine, cross recessed FIL H, 4-40 X . . .<br>5/16 IN. LG, BRS (347-0091-00)                                                        | 2                     |                      |
| -20                    | 8942         | . . WASHER, Flat, 0.116 ID, 0.187 OD, 0.031 IN. THK .<br>phenolic Fed Mfr Code 76854 (302-0262-00)<br>-----*                                    | 6                     |                      |
| -21                    | 540-1886-002 | . . POST, Supporting . . . . .                                                                                                                  | 1                     |                      |
| -22                    | 500-6224-001 | . . POST, Spacing . . . . .                                                                                                                     | 1                     |                      |
| -23                    | 506-6967-002 | . . COLLAR, Spacing . . . . .                                                                                                                   | 2                     |                      |
| -24                    | 506-5910-003 | . . WASHER, Flat, 0.197 ID, 0.375 OD, 0.015 IN. . . .<br>THK, SST<br>OR                                                                         | 1                     |                      |
|                        | 506-5911-003 | . . WASHER, Flat, 0.197 ID, 0.375 OD, 0.015 IN. . . .<br>THK SST                                                                                | 1                     |                      |

| FIG. &<br>INDEX<br>NO. | PART NO.     | DESCRIPTION       |                                                           |   |   |   |   |   | UNITS<br>PER<br>ASSY. | USABLE<br>ON<br>CODE |
|------------------------|--------------|-------------------|-----------------------------------------------------------|---|---|---|---|---|-----------------------|----------------------|
|                        |              | 1                 | 2                                                         | 3 | 4 | 5 | 6 | 7 |                       |                      |
|                        |              | (ATTACHING PARTS) |                                                           |   |   |   |   |   |                       |                      |
|                        | MS35216-23   | .                 | SCREW, Machine, cross recessed pan HD, 6-32 X 1/4 IN. .   |   |   |   |   |   | 2                     |                      |
|                        | AN936B6      | .                 | LG, SST (343-0167-00)                                     |   |   |   |   |   |                       |                      |
|                        |              | .                 | WASHER, Lock, 0.150 ID, 0.317 OD, 0.020 IN. THK, SST . .  |   |   |   |   |   | 2                     |                      |
|                        |              | .                 | (373-8020-00)                                             |   |   |   |   |   |                       |                      |
|                        |              | .                 | -----*-----                                               |   |   |   |   |   |                       |                      |
| -18                    | 500-2749-001 | .                 | POST, Spacing . . . . .                                   |   |   |   |   |   | 4                     |                      |
|                        |              | .                 | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
|                        | MS35216-23   | .                 | SCREW, Machine, cross recessed pan HD, 6-32 X 1/4 IN. .   |   |   |   |   |   | 4                     |                      |
|                        |              | .                 | LG, SST (343-0167-00)                                     |   |   |   |   |   |                       |                      |
|                        | AN936B6      | .                 | WASHER, Lock, 0.150 ID, 0.317 OD, 0.020 IN. THK, SST . .  |   |   |   |   |   | 4                     |                      |
|                        |              | .                 | (373-8020-00)                                             |   |   |   |   |   |                       |                      |
|                        |              | .                 | -----*-----                                               |   |   |   |   |   |                       |                      |
| -19                    | 506-7518-003 | .                 | PLATE, Filter face . . . . .                              |   |   |   |   |   | 1                     | F                    |
| -19                    | 540-4079-004 | .                 | PLATE, Filter face . . . . .                              |   |   |   |   |   | 1                     | G                    |
|                        |              | .                 | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
|                        | MS35200-13   | .                 | SCREW, Machine, cross recessed FH, 4-40 X 5/16 IN. LG, .  |   |   |   |   |   | 6                     | F                    |
|                        |              | .                 | SST (342-0045-00)                                         |   |   |   |   |   |                       |                      |
|                        | MS35200-13   | .                 | SCREW, Machine, cross recessed FH, 4-40 X 5/16 IN. LG, .  |   |   |   |   |   | 8                     | G                    |
|                        |              | .                 | SST (342-0045-00)                                         |   |   |   |   |   |                       |                      |
|                        | MS35200-12   | .                 | SCREW, Machine, cross recessed FH, 4-40 X 5/16 IN. LG, .  |   |   |   |   |   | 2                     | G                    |
|                        |              | .                 | SST (342-0044-00)                                         |   |   |   |   |   |                       |                      |
|                        |              | .                 | -----*-----                                               |   |   |   |   |   |                       |                      |
| -20                    | 506-4288-003 | .                 | BOX, Filter . . . . .                                     |   |   |   |   |   | 1                     |                      |
|                        |              | .                 |                                                           |   |   |   |   |   |                       |                      |
| 60-                    | 522-0147-005 |                   | RADIO SET CONTROL 614C-2 (See figure 1-3 for next . . .   |   |   |   |   |   | REF                   |                      |
|                        |              |                   | higher ASSY)                                              |   |   |   |   |   |                       |                      |
| -1                     | 506-7763-002 | .                 | KNOB, Sens . . . . .                                      |   |   |   |   |   | 1                     |                      |
|                        |              | .                 | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
| -2                     | COML         | .                 | SETSCREW, Multiple spline drive, 6-40 X 1/8 IN. LG, SST . |   |   |   |   |   | 2                     |                      |
|                        |              | .                 | Fed Mfr Code 08664 (328-0019-00)                          |   |   |   |   |   |                       |                      |
|                        |              | .                 | -----*-----                                               |   |   |   |   |   |                       |                      |
| -3                     | 540-2750-003 | .                 | PLATE, Dial . . . . .                                     |   |   |   |   |   | 1                     |                      |
|                        |              | .                 | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
| -4                     | COML         | .                 | SCREW, Machine, cross recessed pan HD, 2-56 X 7/8 IN. .   |   |   |   |   |   | 4                     |                      |
|                        |              | .                 | LG, SST Fed Mfr Code 77250 (343-0684-00)                  |   |   |   |   |   |                       |                      |
| -5                     | AN936A2      | .                 | WASHER, Lock, 0.095 ID, 0.185 OD, 0.012 IN. THK, SST .    |   |   |   |   |   | 4                     |                      |
|                        |              | .                 | (373-8500-00)                                             |   |   |   |   |   |                       |                      |
|                        |              | .                 | -----*-----                                               |   |   |   |   |   |                       |                      |
| -6                     | 506-7760-002 | .                 | PEDESTAL, Control, AL . . . . .                           |   |   |   |   |   | 2                     |                      |
| -7                     | 506-9934-002 | .                 | DIAL, Fine, frequency . . . . .                           |   |   |   |   |   | 1                     |                      |
|                        |              | .                 | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
| -8                     | COML         | .                 | SETSCREW, Multiple spline drive, 6-40 X 1/8 IN. LG, SST . |   |   |   |   |   | 2                     |                      |
|                        |              | .                 | Fed Mfr Code 08664 (328-0019-00)                          |   |   |   |   |   |                       |                      |
|                        |              | .                 | -----*-----                                               |   |   |   |   |   |                       |                      |
| -9                     | 506-9927-002 | .                 | DIAL, Scale . . . . .                                     |   |   |   |   |   | 1                     |                      |
|                        |              | .                 | (ATTACHING PARTS)                                         |   |   |   |   |   |                       |                      |
| -10                    | MS35200-2    | .                 | SCREW, Machine, cross recessed FH, 2-56 X 3/16 IN. .      |   |   |   |   |   | 3                     |                      |
|                        |              | .                 | LG (342-0132-00)                                          |   |   |   |   |   |                       |                      |
|                        |              | .                 | -----*-----                                               |   |   |   |   |   |                       |                      |
| -11                    | 506-7762-002 | .                 | KNOB, Set screw type . . . . .                            |   |   |   |   |   | 1                     |                      |
| -12                    | 506-8803-003 | .                 | DIAL, Control, knob type . . . . .                        |   |   |   |   |   | 1                     |                      |

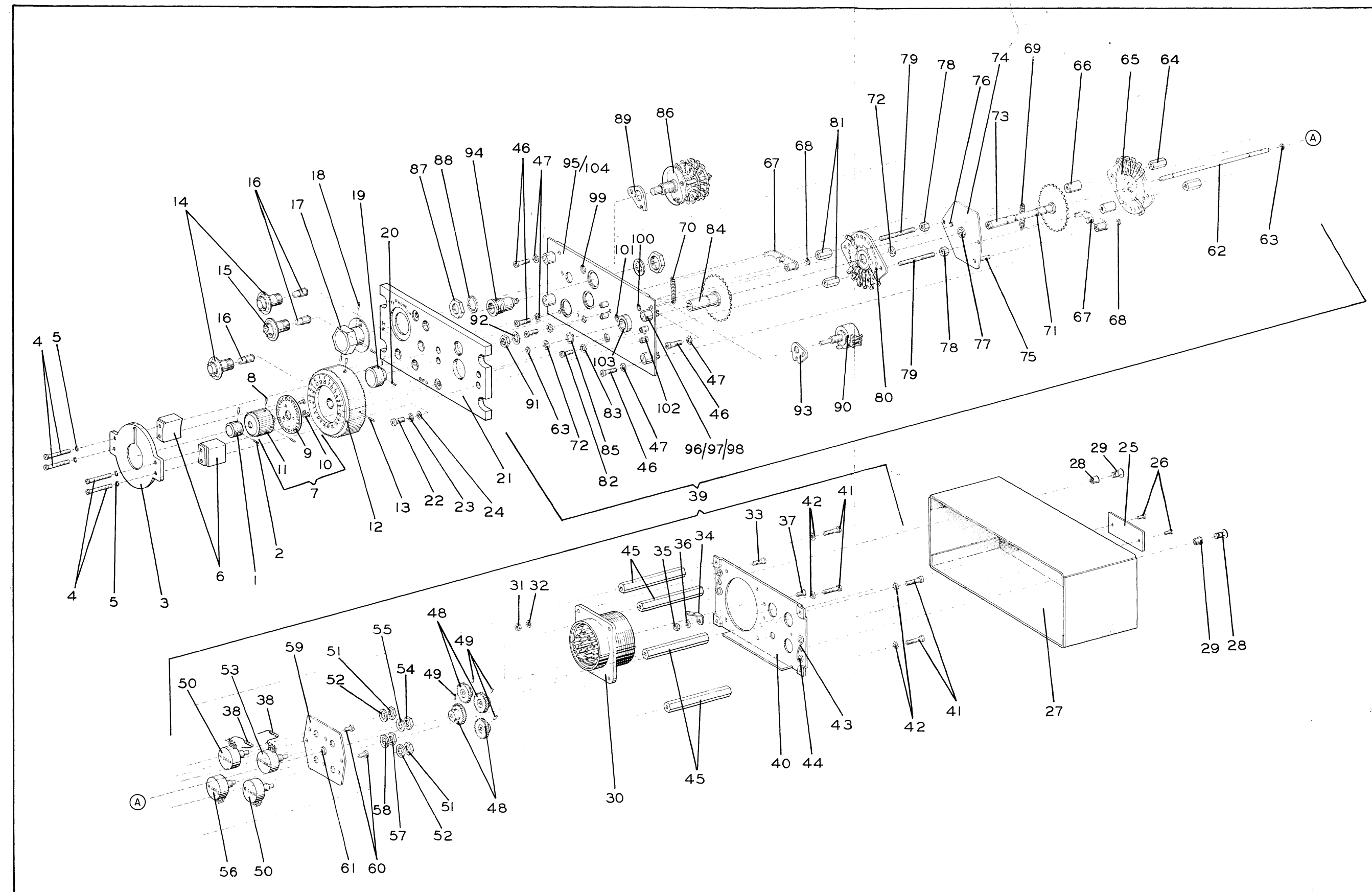


Figure 60. Radio Set Control 614C-2