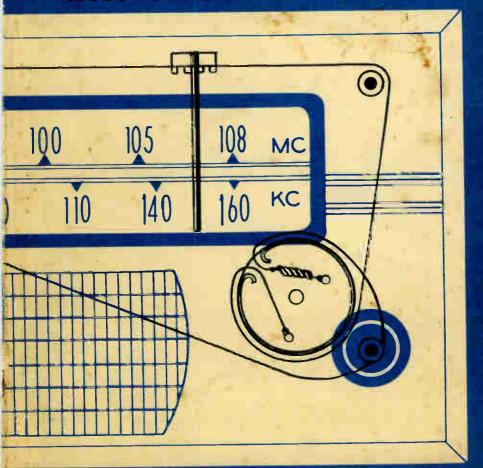
DIAL CORD Stringing GUIDE

Vol. 1 DC-1

DIAL CORD DIAGRAMS COVERING MOST 1938 TO 1947 RECEIVERS



DIAL CORD Stringing GUIDE

DIAL CORD DIAGRAMS COVERING MOST 1938 TO 1947 RECEIVERS



FIRST EDITION . OCTOBER 1947

Reproduction or use, without express permission, of editoriol or pictoriol content, in ony monner, is prohibited. No potent liability is assumed with respect to the use of the information contained herein.

Entire Contents Copyrighted 1947 by Howard W. Soms & Co., Inc., Indianopolis Indiano, U. S. A.

Copyright Under International Copyright Union
All Rights Reserved Under Inter-American Copyright Union (1910)
By Howard W. Soms & Co., Inc.

SEVENTH PRINTING - DECEMBER 1954

Compiled and Published by

HOWARD W. SAMS & CO., INC. 2201 E. 46th Street · Indianapolis Indiana

PREFACE

A little over a year and a half ago a group of some thirty of us organized a new company with a new idea and a new purpose. We believed that technical radio data, properly prepared, could became a vital tool for better servicing . . . a tool as indispensable as a soldering iron, meter or a signal generator. We felt that the availability of factual information in a concise, standardized form would do more to help the service technician than any one other factor. Through the pursuit of this idea, PHOTOFACT Folders were born. Now we bring you the DIAL CORD STRING-ING GUIDE. We know you will like it.

I give you our pledge. Every PHOTOFACT Book will be practical—not theoretical. Every PHOTOFACT Book will be the result of original research and investigation. Every PHOTOFACT Book must save your time and help you make more money. This DIAL CORD STRINGING GUIDE is such a book. Use it at your work bench. Keep a copy in your tool kit. You will need it time and time again.

Havan W. Bams

October 1, 1947 Indianapolis

INTRODUCTION

One of the features of "PHOTOFACT" service which has elicited favorable comment from the radio service profession is the inclusion of a dial cord stringing diagram in each PHOTOFACT folder covering the servicing data on postwar radio receivers. In many instances such diagrams are not available as a part of the service manual provided by the receiver manufacturer, nor are they furnished universally by any other source of servicing material.

In response to a widespread demand from the servicing profession, the present book brings together in convenient form, not only the dial stringing diagrams of postwar sets but also those of many receivers manufactured since 1938.

In a great number of cases the sole reason for a service call to a customer's home is occasioned by the failure of the dial drive system. The format of this volume has been chosen with this situation in mind. It has been made of such size and shape that it will readily fit in the pocket or tool kit.

Often the service technician finds that the dial cord and spring have come off the pulleys and are a tangled mess in the bottom of the cabinet. This frequently presents an exasperating puzzle, for without a diagram it is difficult to determine how to start. Much precious time can be lost in fruitless trial and error experiment. Such time is hard to justify to the customer. As an example, there are four ways of stringing the average slide rule type dial. In the case of three of these, the pointer will either run the wrong way or will "hang up" in its travel. The remaining method is the correct one.

The present collection of dial cord stringing diagrams have been compiled from original PHOTOFACT data in the case of postwar receivers and from the available service data of receiver manufacturers for prewar sets. Every effort has been made to present as complete a compilation as possible. Some of the manufacturers' service literature did not include dial cord diagrams for certain prewar models.

Approximately 95% of the receiver models built since 1938 have employed dial cord drive systems as contrasted with belt, friction, planetary or gear drives. Only those types of drive systems which employ cord drive have been included in this book. The various manufacturers of drive belts have available authoritative guides and charts for proper belt selection. A universal type of belt has recently been offered by one company which can be cut to the required length and its ends permanently connected by means of an ingenious "zipper-like" device.

Requirements of a Properly Operating Dial Drive Mechanism

In the drive systems covered in this book, a cord of special type is used to connect and control all of the moving parts of the radio tuning and indicating system. Usually the cord is wound several times around a tuning shaft, carried over small pulleys to a larger pulley on the tuning device (condenser or permeability tuner), and thence to a sliding or rotary pointer which indicates on a scale the frequency to which the set is tuned. A tensioning spring is usually fastened to the cord and attached to the large pulley on the tuning unit. The driving force of this system is supplied by the friction between the cord and the tuning shaft.

For proper operation the following points must be observed:

- 1. All drive members such as shafts, pulleys and pointer slides must be in good alignment and must rotate or slide without undue friction.
- 2. The cord must have proper tension. Too much or insufficient tension will interfere with proper operation.
- 3. The cord used must be of the proper size and type.

Causes of Slipping Drive Systems

The greatest source of trouble in cord drive systems is due to slipping. This can be due to any one or a combination of the following causes: insufficient tension, friction of moving parts or excessive smoothness of the surface of the drive cord.

Insufficient tension may readily be corrected by shortening the cord. This can often be accomplished by tying a knot in the cord where it will not interfere with operation. Tension may also be increased by removing turns from the tension spring. This practice is not generally recommended. In many receivers the large pulley to which the spring is attached is provided with a series of holes to allow adjustment of tension.

Excessive friction in the bearings of the variable condenser or permeability tuner may cause the cord to slip. Pulleys which do not rotate freely or pointers which bind instead of sliding easily may be the cause of cord slippage. In these cases adjustment or replacement of the defective parts is indicated. Lubrication should be done sparingly to prevent oil from getting on the cord. An oil for this purpose should have a very light body and contain an oxidation inhibitor to prevent gumming. The manufacturers of dial cords and accessories have special dial oils for this purpose.

Another cause of excessive friction is too much tension on the dial cord, usually caused by high spring tension. In replacing a dial spring, care should be taken to use either a replacement from the receiver manufacturer or a similar spring from the assortments available from dial accessory manufacturers.

Some types of dial cords have a tendency to become smooth and slippery after extended use. This will cause slippage on the tuning drive shaft, making operation of the receiver difficult or impossible. Replacement with a new cord is the best solution of this condition. Roughening of the tuning shaft with a file or coarse sandpaper is not recommended. The abrasive action of the rough shaft will cut the cord in a short period of time causing it to fray and eventually break.

Friction of the cord can often be restored satisfactorily by treating it with friction-producing compounds. These are available in powder, stick or liquid form. The liquid preparation is to be preferred since it not only penetrates and impregnates the entire cord but also has a tendency to shrink the fibres. This serves to tighten the cord and may sometimes remedy a slipping drive without the necessity of removing the set from the cabinet. The liquid can easily be applied with a dropper or applicator.

Properties of Dial Drive Cord

When it becomes necessary to replace a dial cord, this should be done with a cord especially developed for the purpose. Replacement should not be made with fish line, string or thread. The cost of the proper cord is a minor part of the repair job which is mainly labor.

In order to give satisfactory service for a long period of time, a drive cord must have the following mechanical properties:

- 1. Sufficient breaking strength.
- 2. Minimum elongation (stretch).
- 3. High resistance to abrasion.
- 4. High coefficient of friction.
- 5. Ability to withstand flexing.

The breaking strength should not be less than 20 pounds in a straight pull test and not less than 12 to 15 pounds when knotted. This allows tying and installing without danger of breaking. A higher tensile strength is of little advantage, as the normal operating tension on the cord, if properly installed, is seldom greater than one pound.

A good dial drive cord should have a minimum elongation or

stretch. Standard specifications of leading receiver manufacturers permit less than 1/4" per foot elongation in 48 hours with an applied pull of 5 pounds. Substitute materials such as fish line often used in repair work will not meet this or some of the other requirements.

A dial cord is subject to friction whenever the set is tuned and must therefore possess reasonable resistance to abrasion. Nylon outer braiding performs excellently in this respect and many cords are now made using this material.

A very important property for a dial drive cord is that it have a relatively high coefficient of friction. This requires that the cord should not become smooth or slick during use. The type of thread used for the outer braid, the diameter of the individual strands and the method of braiding, determine its performance and life in this respect.

Small diameter drive shafts and pulleys subject the cord to continual flexing as the set is tuned. Choice of core and braid material determine the flexibility. The cord is chemically impregnated after manufacture to improve its flexibility and keep it soft during life.

Under the impetus of military requirements during the war, great advances were made in the improvement of dial cord performance. At present, various materials are used in the manufacture of cords to meet the foregoing requirements. Most common of these are nylon, silk, linen and fibreglas. Nylon and silk are suitable for outer braid material while linen, fibreglas or special low-stretch nylon are employed for cores.

Selection of the Proper Size Dial Cord

The proper diameter of the cord is of greater importance than is generally realized by most service technicians. The groove radius of the pulleys and the diameter of the drive shaft are generally designed for a certain diameter cord. If a cord of greatly different diameter is substituted either excessive or insufficient friction occurs and early trouble may be expected. A cord of different diameter from the original may also affect the dial calibration.

Fortunately, for general replacement purposes, three sizes of cords will take care of replacement in over 85% of the radio receivers in the field using dial cords. These sizes are:

- 1. "Special Thin" or "Extra Thin"—diam. .024"-.028".
- 2. "Thin" or "Standard"—diam. .030"-.034".
- 3. "Medium" or "Light"—diam. .038"-.042".

In most instances the service technician will have no difficulty in determining the proper replacement, since it is usually possible to compare the broken cord in the receiver with samples of these sizes. If the cord has previously been replaced and the customer complains of unsatisfactory operation, it may be necessary to consider whether a heavy enough replacement cord was previously installed.

As a general rule, when in doubt as to the proper replacement, it is advisable to use the heavier type (.040"), providing the following requirements are fulfilled:

- 1. The cord must fit the grooves in pulleys and other parts of the mechanism.
- 2. When coiled around the tuning shaft with the required number of turns, the cable must not bind against the panel or support bracket, during its entire travel. In many instances the tuning shaft has been reduced in diameter at the section around which the cord is wrapped. In this case a drive cord of excessive diameter will tend to bind at the chamfered ends of the reduced section. This will occur near the end of travel of the system.
- 3. The cord must not be too large to fit properly in the worm type drive pulleys sometimes used.

The use of the heaviest cord practicable allows for more friction on the drive shaft, thus minimizing slipping and reducing the possibility of stretching.

It is recommended that the service technician carry in his stock a large spool of each of the three sizes of dial drive cords described. While these sizes will handle most of the repair jobs to be encountered, there are many receivers requiring special cords such as phosphor bronze cables, heavier nylon cords, monel metal cables, special thin cables of steel and bronze or belts of bronze and steel. The catalogs of the various drive cord manufacturers should be consulted for these special types. Since the most important factor in servicing operations is time, it will pay to have small quantities of these "specials" on hand.

General Notes on Re-Stringing Dial Drive Systems

It would appear from an inspection of the diagrams of this book that the designers have vied with each other to display their ingenuity in devising intricate and novel arrangements. This situation requires that any instructions which might be given here cannot be specific but must be of a general nature.

There are a number of considerations which apply to all drive cord systems and it is suggested that the following points be used as a check list to assure rapid and satisfactory dial cord replacement.

- 1. Study the diagram given in this guide and the receiver itself to determine the proper end of rotation of the large pulley on the tuning system, and the position and direction of travel of the pointer, from which to start the stringing procedure. If the stringing indicated does not seem to exactly fit the case in point, it would be wise to study the diagrams of other receivers of the same manufacturer. In the interest of covering as many models as possible in this book, similar diagrams have been combined and consolidated where such combinations will still show the correct method of stringing. In these cases the position and proportion of the various parts of the system may have been altered slightly to produce a universal diagram.
- 2. All pulleys, drive shafts, tuning mechanisms and sliding indicators should be checked to determine that they rotate or slide freely and have no tendency to bind. All points should be lubricated sparingly. Special light dial oil as provided by the dial accessory manufacturers should be used. Care should be taken to see that none of the lubricant is left on the cord.
- 3. Before actually stringing the cord around the parts of the system determination should be made that all pulleys and slides are in such position that there will be no sharp bends in the cord and that parts are not subjected to side friction during operation.
- 4. It is wise to next examine the tension spring or springs. If these show any indication of having had turns removed or of having been permanently stretched, they should be replaced. The new spring should be of the same shape, size and length as the original. The manufacturers of dial accessories provide assortments of springs for this purpose.
- 5. If it is necessary to cut the cord to length before stringing and the old cord is not available as a guide, be sure to cut enough cord to allow assembly including the tying of knots of the proper size. Since material is relatively inexpensive it is better to have a few inches of waste than to be forced to perform the operation over again.
- If a number of holes for the fastening of the tension spring have been provided, the spring should be positioned in one of the inner holes. This will allow later adjustment to increase the tension if required.
- 7. After stringing, the tension should be checked to determine whether it is sufficient for reliable, proper operation. Be certain that the tension has not been made too great. In no case should the cord be as tight as a violin string. A cord which is too tight

- will place undue strain on all parts and will prevent the set from tuning easily.
- 8. The tuning system should be rapidly operated from one end to the other to make certain that no binding is present. At the same time a check should be made that there is no tendency for the cord to climb out of idler pulleys or jam at the end of motion on the drive shaft.
- 9. Before replacing the set in the cabinet a drop of cement should be placed on the point of fastening of the pointer or indicator and also on the knots of the cord where it is fastened to the tension spring or to the tuning drive pulley, as the case may be. This will prevent any subsequent tendency for the knot to become loose.

We wish to acknowledge the assistance of the General Cement Manufacturing Company and the Walter L. Schott Company (Walsco) in the preparation of this book. These manufacturers of dial cords and accessories provided us with facts gained from their long experience.

EDITORIAL STAFF

H. E. BITNER
B. L. COCHRUN
W. D. RENNER
W. W. DEHN
W. E. RIGSBEE
B. V. K. FRENCH
J. R. RONK

Manufacturer	Diagram Number	Manufacturer	Diagram Number
ADMIRAL		AIRLINE (Continued)	
6C71		04WG569	39
6P32		04WG569B	39
6RT42	5		41
6RT43	5	04WG621	41 41
6RT44	2		42
6T01		04WG673	44
			<u>44</u>
6T05	1	04WG695 04WG727	45 45
6106			45
6T11		04WG732	45
7C62			44
7C63	9		
	B		48
7P33		14BR521A	
	10	14BR522A	40
7 T 12		14BR523A	48
AEROMOTIVE			48 48
181-AD		14BR1474	48
SU-41D	12	14WG469	47
SU-52A		14WG518	6
SU-52B		14WG519 14WG610B	
SU-52C	12	14WG611B	49
PX	13	14WG624A	11
106B		14WG625A 14WG628A	
568	14	14WG680	
651	15	14WG683A	51
5000		14WG690	50
5002	16		52
5003			
5004		14WG741	52
5005	· · · · · · · · · · · 17		56
5010			56
5011	18	14WG808M	56
		14WGR0RMA	56
	15	14WG808W	56
6541	15	14WG808WA 14WG1202B	56
6547	15	14WG1203B	
6611		14WG1203M	54
	19		54
6630	19		
6632	19	54BR1503A	
6634		54BR1503B	58
6635	19		58
AIR CHIEF (See Firestone)			58
AIR KING			58
4603			55
4604			55
4608	32		
4609	30	54KP1209A	53
4610		54KP1209B	53
4705	37		6
4706	35	54WG1801B	6
AIR KNIGHT		54WG2007A 54WG2007B	6
	6	54WG2500A	57
N5-RD 291	6		57
048R511A	40		
04BR512A	40	62-131	
04BR515A	43	62-142	11
	43		!!
		62-152	
04.1.0000		02-136	

ufacturer	Diagram Number	Manufacturer	Diagram Number
LINE (Continued)		AIRLINE (Continued)	
62-237			<u>7</u> 2
62-239			<u>7</u> 4
62-270			
62-292			
62-294			80 46
62-309		93WG1104	46
62-321		93WG1110	
62-347		ALLIED RADIO (See Kr	siaht)
62-373		AMC	
62-374		10	82
62-417		126	76
62.433		AMERICAN COMMUNIC	CATIONS
62-447	59	(See Liberty)	
62-449	59	ANDREA	
62-451	59	P163	73
62-471	61	ARCADIA	
62-472	61		78
62-704	60	ARIA	
62-705			79
62-706		ARVIN	
62-707		552AN	
62-708		552N	
62-709		555	
62-710		555A 558	
62-711		664	
62-712		664A	
62-752		665	
62-753	64	ATLAS	
32-901	04	AB-45	73
52-910		AUDAR	
	62		84
64BR1051B 64BR1205A	62		85
	65	AUTOMATIC	
	63	C 60	86
4BR1503		601 (Series A)	
54BR1504	, 58	602	
64BR1808A	66	612X	
	63	613X	73
	66	616X	
4WG1052A	67		87
	69	640 (Series B)	
	68	AVIOLA	
64WG1511B	68 68	509	
	68	601	
64WG1801C	6		91
64WG1804A	71	612	89
	71	618	91
	71	BELLTONE	
	71	500	90
64WG1807B	71	BELMONT	
64WG1809A	68		94
64WG1809B	68	4B17	9:
	6	4B112	6.
	6	4B113	
	68		
	68		
64WG2010B	68		
64WG2500A	57		4
	57	5P19	
	67	6D111 (Series A)	9
	69	6D111 (Series B)	9
	68	8A59	6
	68	533 (Serles B)	4
	71	533 (Series C)	4:
	71	716	4
	6	BENDIX	
74WG2007C	6	0526	97
74WG2009B	68	626A	97
74WG2010B	68	636A	
		6368	
74WG2505A	70	636C	

	Diagram	l	Diagram
Manufacturer	Number	Manufacturer	Number
BENDIX (Continued)	00	CONTINENTAL A-11	110
646A	100	A-11PH	
6768	101	86	122
676C	101	811	
676D		L5	122
7368	100	X86	122
BREWSTER		XL5	122
9-1084		CORONADO	
9-1085 9-1086		43-6301	13
BRUNSWICK	103	43-6451 43-76018	124
A1020	102	43-7651	
A2020	102		121
A2600	107	43-8180	11
A2700	102	43-8213	124
1680		43-8240	127
1700			
2660	107	43-8312A	
2689	107	43-8330	123
BUICK		43-8351	126
980690	104		1 <u>2</u> 6
980733 980744	104	43-84/0	
980745		43-8576	
BUTLER BROS.		43-8685	125
(See Air Knight or Sky Rover)		43-9196	128
20th CENTURY		CORONET	
100X	73	C-2	130
104	73	CROSLEY	
CHEVROLET		46FA	6
985538		46F8	
985696	108	56PA	
985702	106	56P8	
985793	110	56TA-L	
985697 985792 985793 985794	106	56TC	73
CURTALER (MOPAR)		56TC-L	73
600	112	56TG	
602	112	£471 I	
802		56TN	73
CISCO		3017	/3
9A5	73	56TR	133
C100	,, [56TS	
		56TW	
C102	113	66CA	
C103	116	66CO	
C104	116	66CP	66
C105	116	66CS	66
C105A C108	13	66TA	
11011	115	66TC	11
11305	90	66TW	
CLEARSONIC	i	86CR	132
5C66	11	86CS 106CP	132
629	112	106CS	66
671			
671A	112	DALBAR 100	124
CONCORD	,	400	
6C51W	6		134
6C518 6C51W 6D518	117	1000 8arcombo Jr	134
6D511	, . , , 117	8arcombo Sr	134
6D51W	117	DELCO	
6D618	120	R1175	
6D61X	120	R1176	134
6D62W	114	R1178	139
6E518		R1179	139
6F26W7G26C	119	R1181	
/G20C	35	R1206	138

	Diagram		Diagram
Manufacturer	Number	Manufacturer	Number
DELCO (Continued)		ELECTRONIC LABS	147
R1 207		76K	167
R1208	138	76M	167
R1209	127	76M 76RU	161
R1214	140	76W	167
R1216		710B	167
R1217		710M	147
R1220	142	710W	167
R1227		2701	167
R1228	143	ELECTRO-TONE	
R1230A	73	555	18
R1231A	73	706	18
R1232A		712	18
R1234	143	EMERSON	11
R1235	143	501	
R1408	/3	503	
		504	11
DETROLA 554	70	505	158
558	145	506	160
558-1-49A	145	507	150
568	14	509 510	
568-13-2210	14	510A	158
571 571A		511	158
571AL		512	162
571AX	117	515	
571B	117	516	158
571BL	117	520	
571BX 571X	117	522	1 58
572	144	523	158
572-220-226A 576 576-1-6A	114	524	170
576	144	531	
576-1-6A	144	532	162
579 582	14	533	
7270	146	535 539	159
DEWALD		540A	165
A500	148	541	73
A5001	148	543	159
A500W	148	544	159
A501	148	552	140
A503	148	D\$365	164
A504	149	D\$365 D\$372	164
A505		EQ368	166
A602		EQ410	
A608	150	ER369 ER370	۸۸۱
ECA		EV384	166
101	19	FH413	162
102	19	FH440	162
104	18	FJ412 FW423	160
105	131	FW423	1.42
108	154	GB441	162
121	152	GH437	160
131	19		160
201	152		160
ECHOPHONE EC112	153	EMPRESS	174
EC112		55 56	174
EC306	157	ESPEY	
EC600	147	RR13	168
EX306	157	RR13L	168
ELCAR	166	581	73
602	133	651	15
B20	163	652	
ELECTROMATIC		6511	15
606A	156	6511-2	15
607A	156	6511-5	15

Manufacturer	Diagram Number	Manufacturer	Diagram Number
ESPEY (Continued)		FARNSWORTH (Continued)	
6514	15	CT62	179
6516		CT63	179
6517		CT64	179
6520-2		DK73	
6521		EC260	
6533		EK262	28
6540	15	EK263	28
6541	15	EK263BL EK263WL	28
6545	15	EK264	
6546		EK264BL	28
6547	15	EK264WL	28
6560	15	EK265	28
6612	172	ET061	180
6613	172	ET063	180
6614		ET064	180
6615	172	ET065	180
6630	172		180
6632	172	FEDERAL 1030T	130
6634	172	1030T	
6635		FERRAR	
7541	15	C81-B	184
FADA 602	170	FIRESTONE	
605		4A2	21
606	185	4A20	20
609	73	4A21	22
610	73	4A21X	24
637	1/3	4A22X	
1000 Series	173	4A23	25
1001	175	4A24	
FARNSWORTH		4A25	
BC66	176	4A37	27
8C103		4B1	29
BC601		482	29
8C601X	186	4C3	36
BK106	177	4C6	33
BK107	177	\$7400-5	33
BK110	188	\$7406-7	33
BK111		FORD	
BK112	188	6MF080	181
BK602	186	FREED EISEMAN	100
BK602X	186	46	
BK6025X	186	GAMBLE SKOGMO (See also C4B15	
BT20		C4B16	
BT22 BT52		CCD1 (40
BT52	73	C5D14	48
BI54	73	15C6A	
8T55	176	864	80
BT56		3128 (Late)	182
BT61		4132	182
BT600	186	4164	183
BT600X	186		43
CC70	187	GAROD 5A2	102
CK58		5AP1-Y	189
CK73		5D	194
CK74	187	5D2	194
CK75	187	6AU-1	
CK111		6DPS	196
CT51		6DPS-A	196
CT52	179	GENERAL ELECTRIC	
CT53		G61	
CT54	179	G64	200
CT61		303	200

Diagram Manufacturer Number	Diagram Manufacturer Number
GENERAL ELECTRIC (Continued)	GENERAL ELECTRIC (Continued)
G66197	J805211
G68	J808
G69197	J809211 J818211
G75200 G78197	J828211
G85198	J1106
G86197	J1108211
G95202	JE81
G99198	JE101215 JE107215
GDE-73204 GE-52206	JE810
GE-73204	1600
GE-78	1601212
GE-93205	L610
GE-96205	L611
H73 203 H77 203 H78 203	1642212
H78203	1.643
H79203	L650
H87203	L651214 L652214
H116203	1.653
H118	1660
HA0011	1443
H601	L673
H610207	L674212 LF115216
H610U	IF116216
H620208	LFC1118
HA20U	LFC1128216
H621	LFC1228
H622208	X125220
H623	X145220
1420 + 208	X225A
U430II 208	X225V
HA31	35
H632	40 216
H633208	50218
наза	60
H638203	100217
H640203 H708209	101
H708209 H736209	103217
LE74 . 204	105
UE741 204	106221
HE100 199 HE100H 199	200222
HE100H199	201
HE1001H199	203222
HE105199	205
HE105L199	219227
HE740 204 HE7401 204	220
HJ119203	221227
H 1737	250
HJ905203	303
HJ908203	321
НJ908В	326
H I 1 205	327226 417230
J62210	
	GENERAL TELEVISION 1A573
J64	1A5
1105	3A5 73
J602212	5A5 73
1603	14A4F 7
IA14212	15A5 7 17A5 7
J620	19A5
J664	21A4 7
2007	22A5C
J718	23A6 7

Manufacturer	Diagram Number	Manufacturer	Diagra Numb
SILFILLAN		HUDSON	
	73		2:
56B		DB40	
56C	73	SA39	2
56D	73	SA40	
66A	229	JEFFERSON TRAVIS	
66AM		MR-2B	
66B	73	MR-3	2
66D	229	JEWEL	
06DM			
66PM			
LOBE			
5BP1	233		
6AP1			
6D1	232		
6U1		502B	
62C	232		
OODRICH (See Manto	ia)		
RANTLINE		504A	
500	234		
501	234	504C	
605 (Series A)	07		
606 (Series A)	92		
001	15		
6547	15	KNIGHT	
LLICRAFTERS			
5.38	235		
S-40 S-41B S-41W		5A-154	
S-41B			
S-41W			
PERMAN			
	239		
	240		
A300		6A-195	
A309	240	6B-122	
A401	82	6B-127	
A301	241	8B-210	2
A700	238	D-182	2.
B400	244	D-197	
B1000	18	LAFAYETTE	
WARD		В33	
4BT		B112	
220	171	B195	18
221	171	BB9 (A) BB9 (B) FA15W	19
270	171	BB9 (B)	19
271	171	FA15W	25
300 Series		FA15Y	25
307-4	243	J62	2
307 (P-2		J62C	2
307TP-2 430 (Series 2) 438	246	MC10B	
460			
500 \$	250	MC13	
500 Series		LEARADIO	
718FM		561	2
765		562	26
780	248	563	20
806		565	20
808		565BL	20
808 (Series X)		566	26
810		567	26
		568	
865 868		661	
901A-E		6611PC	
901A-H		6612PC	
901A-I	73	4414	
901A-M	73	6614	
901A-M		0013	
901 A-W	73	0010	
906		6616	
906C		0017	26
	73	615A	
			26

	Diagram	Diagram
Manufacturer	Number	Manufacturer Number
		MECK
6545	1.5	PM-5C5-DW10
		PM-5C5-PW106
A6K	264	RC-5C5-P
A6P	264	
6K	264	MEDCO (See Telesonic)
507A	264	MEISSNER 9-1065
LINCOLN		
\$13L-8 \	185	MIDLAND M68278
LINCOLN (Allied Radio Corp.)		MIDWEST
5A-110	26	P-6
LYRIC		P8-6276
546T		S-8
546TY	73	ST-8
546TW	/3	
MAGIC TONE	10	MINERVA L702171
500	19	1728
		W117
CR-101	262	W117-3
CR-101	262	W702-8281
CR-108M	266	W710-A281
CR-122	266	W72819
CR-187	263	MONITOR
CR-189A	267	TA56M129
CR-1898	267	TW56M129
CR-190	271	MONTGOMERY WARD (See Airline)
CR-192A	267	MOPAR (See Chrysler)
CP.103	. 263	MOTOROLA 8K6279
CR-198A	263	CR6280
CR-1988	263	CT6279
	203	FDA
MAGUIRE 50081	269	NH6
KOORW	269	279
500DH	269	PDA
500DW	240	9-24 .285 9-24A .285
5618W	209	9-44
561DI	269	14.0284
561DW	269	17-D
661 661A	269	10.8
700A	208	25.F
700E	268	26-C291
MAJESTIC		26·C7
5A410	272	27.54293
5A430	274	28-O
70447	274	29-8291 29-B6291
RS452	273	30-P
85473	2/3	25 E
MANTOLA R459	110	35-N
R459		24 62 295
PA52	6	37-01
DASON	6	37-D2
R654-PM	2/3	38-O291 39-B1291
PA55		39-B2
DAAT	6	40 P
R662N	6	43-H
		45 812
MASON 45-1A	. 73	45.N299
45-1A	73	51.4
45 1D	73	51-C
45-3	/3	51.F12
45-4	73	51-R11300

Manufacturer	Diagram Number	1	Diagram
MOTOROLA (Continued)	Number	Manufacturer	Number
52-C	73	NATIONAL UNION	
53-A		571	
53-C		571B	117
54-A	73	G-613	
54-C	73	G-619	189
55-F11	303	OLDSMOBILE	
55-X11	302	982160	323
55-X112	304	982282	327
55-X12 55-X12A 55-X13	302	982375 OLYMPIC	323
55-X13	302	1	328
55-X13A	304	6-501 VU	328
60-XW	301	6-501WU	328
61-B	305	6-502	328
61-C	304	6-502P 6-502U	328
61 D	20.4	6-503	220
61-E 61-F	305	6-504	6
61-T21	307	6-504L	6
61-723	314	6-601V	329
61-X11	301	6-602	329
61-X12	. 301	6-601 V 6-602 6-606	
61-X13	301		
62-A	305	6-606U	
62-B	305	6-617	329
62-F1	312	PACKARD BELL	
63·A	305	5DA	
63-E	305	551	
65-F11	303	551-D	333
65-F12 65-F21	300	556	
65-T21	310	561	
65-T21B	310	568	73
65-X11	19	651	
65-X11A	19	001	
45.Y124	10	662	
65-X13	10	861 1052	332
		1052-A	334
65-X14	19	1054-B	337
65-X14A		1063	272
71-A		PHILCO	
72-C	311	UN6-100	336
75-F21	315	UN6-450 UN6-500	
81-C		39-40	330
81-F21	308	39-45	339
81-K31	316	39-55	342
82-A	, 317		
83-F1	312	40-110	
83-K1		40-130	340
85-F21	309		340
93-F1		40-140	340
95-F31	320		340
95-F31B	320	40-155	344
95-F33	320	40-158	348
101-F21 101-R21	319		345
103-CK2		40-165 40-170CS	340
103-F1	312	40-170CS 40-180	340
103-F2	312	40-185	344
103-K1		40-190	344
250	325		338
	323		
MURPHY 113	259	40-205	342
122		40-215	342
NATIONAL CO.	200	40-216	342
NC-46	326		342

PHILCO Continued		gram mber	Manufacturer	Diagram Number
0.506 340 42-1015 338 40-307 340 42-1016 338 40-316 338 40-316 338 40-316 338 40-325 340 46-132 377 40-325 340 46-200 173 40-327 340 46-200 173 40-327 340 46-200 173 40-710 351 46-200 173 40-710 351 46-200 173 40-715 351 46-200 173 40-715 351 46-200 372 40-725 349 46-250 372 40-725 349 46-250 372 40-725 349 46-250 372 40-725 349 46-250 372 40-725 349 46-250 373 40-720 349 46-350 373 40-720 349 46-420 377 40-725 349 46-420 377 40-725 349 46-420 377 40-7215 349 46-420 377 40-7215 349 46-420 377 40-7215 349 46-420 377 41-723 350 46-421 374 41-725 350 46-420 376 41-725 350 46-420 376 41-725 350 46-420 376 41-725 350 46-420 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 353 46-1200 376 41-725 376	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		PULLCO (Cantinued)	
100 100		240	42-1015	338
40-516 342 46-131 370 40-525 340 46-132 371 40-525 340 46-200 173 40-710 351 46-200 173 40-715 351 46-200 173 40-715 351 46-200 173 40-725 349 46-200 377 40-725 349 46-200 377 40-725 349 46-200 377 40-725 349 46-200 377 40-725 349 46-250 377 40-725 349 46-250 377 40-725 349 46-250 377 40-725 349 46-250 377 40-725 349 46-250 377 40-725 349 46-200 377 40-727 349 46-200 377 40-727 349 46-200 377 40-727 349 46-200 377 40-727 349 46-200 377 40-727 349 46-200 377 40-727 350 349 46-200 377 40-727 350 349 46-200 377 41-230 350 46-200 377 41-230 350 46-200 377 41-255 353 46-1200 376 41-255 353 46-1200 376 41-255 353 46-1200 376 41-265 352 46-1200 378 41-265 352 46-1213 382 41-265 352 46-1213 382 41-265 353 46-1200 378 41-265 353 79HIHARMONIC 41-286 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 8701 96 41-290 353 910 96 41-290 353 910 96 41-316 342 8712 96 41-316 342 8711 96 41-316 342 8712 96 41-316 342 87		340	42-1016	338
40-325 340 46-320 173 40-327 340 46-200 173 40-327 340 46-200 173 40-710 351 46-200 173 40-710 351 46-200 173 40-715 351 46-200 173 40-725 349 46-200 373 40-725 349 46-200 373 40-725 349 46-200 373 40-726 349 46-200 373 40-726 349 46-200 372 40-726 349 46-251 372 40-726 349 46-250 373 40-726 349 46-250 373 40-726 349 46-250 373 40-726 349 46-200 377 40-727 340 46-200 377 40-727 340 46-200 377 40-727 340 46-200 377 40-727 340 46-200 377 40-727 340 46-200 377 40-727 340 46-200 377 40-727 340 46-200 377 40-727 350 470 46-200 377 41-220 350 46-200 377 41-250 350 46-200 377 41-250 350 46-200 377 41-250 350 46-200 377 41-250 350 46-200 377 41-250 350 46-200 377 41-250 350 46-200 377 41-260 352 46-1203 378 41-260 352 46-1203 378 41-260 352 46-1203 378 41-260 353 46-120 380 41-285 353 46-120 380 41-286 353 46-120 380 41-287 353 6810 96 41-296 353 8701 96 41-296 353 8701 96 41-296 353 8701 96 41-296 353 8701 96 41-296 353 8701 96 41-300 338 8700 96 41-300 338 8710 96 41-315 344 983910 96 41-315 344 983910 96 41-714 346 7-510 399 41-712 347 983960 394 41-712 349 983977 386 41-714 340 7-530 393 41-714 340 7-530 393 41-714 340 7-530 393 41-714 340 7-530 393 41-715 394 7-711 394 41-712 394 7-711 394 41-7				370
40-926 340 46-200 173 40-710 351 46-201 173 40-715 351 46-201 173 40-725 349 46-203 173 40-725 349 46-203 173 40-725 349 46-203 173 40-728 349 46-250 372 40-725 349 46-250 372 40-725 349 46-250 372 40-725 349 46-250 372 40-726 349 46-250 372 40-726 349 46-250 377 40-7270 351 46-420 377 40-7278 349 46-420 377 40-7278 349 46-420 377 40-7278 349 46-420 377 40-7278 349 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-230 350 46-421 374 41-250 353 46-120 376 41-265 353 46-120 378 41-265 353 46-120 388 41-265 353 PHILHARMONIC 41-287 353 6810 196 41-296 353 8701 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-296 353 8703 196 41-297 353 8703 196 41-298 35	40-525	.340		
40-376 40-376 40-371 40-715 351 40-725 340-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-725 340 40-726 340 40-726 340 40-727 40-727 40-728 319 40-728 319 40-728 40	40-526	. 340	46-200	1/3
40-748. 340 46-250 3772 40-755 349 46-251 372 40-756 349 46-251 372 40-756 349 46-251 372 40-756 349 46-251 372 40-756 349 46-251 372 40-7760 349 46-420 377 40-27780 349 46-420 377 40-27780 349 46-421 374 41-230 350 46-427 375 41-235 350 46-427 375 41-235 350 46-427 375 41-235 350 46-427 375 41-255 351 46-1201 3778 41-255 351 46-1201 3778 41-260 352 46-1209 3800 41-265 352 46-1209 3800 41-265 352 46-1209 3800 41-265 353 46-1260 380 41-265 353 46-1260 380 41-265 353 46-1260 380 41-260 353 46-1260 380 41-260 353 56-1260 380 41-260 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-300 338 8700 96 41-300 338 8700 96 41-300 338 8700 96 41-300 358 8700 96 41-300 358 8700 96 41-300 358 8700 96 41-300 358 8700 96 41-301 353 96 41-608 355 99 41-41-41 334 7-51 309 41-610 353 91 41			44 201	173
40-748. 340 46-250 3772 40-755 349 46-251 372 40-756 349 46-251 372 40-756 349 46-251 372 40-756 349 46-251 372 40-756 349 46-251 372 40-7760 349 46-420 377 40-27780 349 46-420 377 40-27780 349 46-421 374 41-230 350 46-427 375 41-235 350 46-427 375 41-235 350 46-427 375 41-235 350 46-427 375 41-255 351 46-1201 3778 41-255 351 46-1201 3778 41-260 352 46-1209 3800 41-265 352 46-1209 3800 41-265 352 46-1209 3800 41-265 353 46-1260 380 41-265 353 46-1260 380 41-265 353 46-1260 380 41-260 353 46-1260 380 41-260 353 56-1260 380 41-260 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-300 338 8700 96 41-300 338 8700 96 41-300 338 8700 96 41-300 358 8700 96 41-300 358 8700 96 41-300 358 8700 96 41-300 358 8700 96 41-301 353 96 41-608 355 99 41-41-41 334 7-51 309 41-610 353 91 41	40-710	. 351	46-207	173
40-748. 340 46-250 3772 40-755 349 46-251 372 40-756 349 46-251 372 40-756 349 46-251 372 40-756 349 46-251 372 40-756 349 46-251 372 40-7760 349 46-420 377 40-27780 349 46-420 377 40-27780 349 46-421 374 41-230 350 46-427 375 41-235 350 46-427 375 41-235 350 46-427 375 41-235 350 46-427 375 41-255 351 46-1201 3778 41-255 351 46-1201 3778 41-260 352 46-1209 3800 41-265 352 46-1209 3800 41-265 352 46-1209 3800 41-265 353 46-1260 380 41-265 353 46-1260 380 41-265 353 46-1260 380 41-260 353 46-1260 380 41-260 353 56-1260 380 41-260 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-270 353 8701 96 41-300 338 8700 96 41-300 338 8700 96 41-300 338 8700 96 41-300 358 8700 96 41-300 358 8700 96 41-300 358 8700 96 41-300 358 8700 96 41-301 353 96 41-608 355 99 41-41-41 334 7-51 309 41-610 353 91 41	40-715	.351	46-203	173
40.755			46-250	372
40.756 349 46.350 373 40.780 349 46.420 377 40.2710 351 46.4201 377 40.2725 349 46.4201 374 40.2780 349 46.421 374 40.2780 349 46.421 374 41.230 350 46.421 375 41.230 350 46.421 375 41.255 350 46.480 376 41.255 350 46.1201 379 41.256 352 46.1203 378 41.260 352 46.1203 378 41.260 352 46.1203 378 41.260 352 46.1203 378 41.260 352 46.1203 378 41.260 353 46.1203 378 41.260 353 46.1203 378 41.260 353 46.1203 378 41.260 353 46.1203 380 41.285 353 PHILHARMONIC 41.287 353 PRILHARMONIC 41.290 353 8701 196 41.290 353 8702 196 41.296 353 8703 196 41.296 353 8703 196 41.296 353 8703 196 41.315X 338 8710 196 41.315X 338 8710 196 41.315X 338 8711 196 41.315X 338 8711 196 41.315X 338 8711 196 41.316 342 8712 196 41.315 344 8712 196 41.408 355 PHILLIPS PEROLEUM CO. 41.408 353 PLO. 380 41.712 354 7.500 73 41.410 381 41.414 346 7.501 381 41.714 346 7.501 381 41.715 347 PONTIAC 381 41.716 347 PONTIAC 381 41.717 3354 7.500 393 41.720 354 7.500 393 41.720 364 PURI AND 381 41.745 347 PONTIAC 381 41.759 347 PONTIAC 381 41.759 347 PONTIAC 381 41.758 347 PONTIAC 381 41.759 347 PONTIAC 381 41.750 383 41.714 343 PRILIPS PEROLEUM CO. 42.750 359 PRILIPS PEROLEUM CO. 42.	40-748	.349		372
40.780	40-756	349		
40-2710 351 46-4201 377 40-2725 349 46-421 374 40-2780 349 46-421 374 41-230 350 46-421 374 41-230 350 46-421 375 41-235 350 46-427 375 41-255 353 46-1201 376 41-255 353 46-1201 378 41-260 352 46-1209 380 41-265 352 46-1209 380 41-265 353 46-1213 382 41-285 353 46-1213 382 41-285 353 46-1213 382 41-287 353 6810 96 41-290 353 8701 196 41-290 353 8701 196 41-296 353 8702 196 41-296 353 8703 196 41-300 338 8710 196 41-300 338 8710 196 41-300 338 8711 196 41-315X 338 8711 196 41-316 342 8711 196 41-316 342 8711 196 41-609 355 (See Woolarac) 41-610 353 PHILLIPS PETROLEUM CO. 41-608 355 PHILLIPS PETROLEUM CO. 41-610 353 PHILLIPS PETROLEUM CO. 41-610 350 PHILLIPS PETROLEUM PHILLIPS PETROLEUM PHILLIPS	40-780	349		
40-2780	40-2710	351	46-4201	377
40-2780	40-2725	349	46-421	374
41-235 350 46-1201 376 41-250 353 46-1201 379 41-255 353 46-1203 378 41-260 352 46-1203 378 41-265 352 46-1213 382 41-280 353 46-1226 380 41-285 353 PHIHARMONIC 41-287 353 6810 196 41-290 353 8701 196 41-290 353 8701 196 41-290 353 8702 196 41-296 353 8702 196 41-300 338 8702 196 41-315X 338 8710 196 41-316 342 8711 196 41-316 342 8712 196 41-608 355 PHILLIPS PETROLEUM CO. (See Woolarec) 41-610 353 PILOT 353 41-611 353 PILOT 381 41-616 342 7.500 73 41-629 353 7.510 381 41-714 346 7.511 381 41-714 346 7.511 381 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-714 346 7.530 393 41-722 347 PONTIAC 41-758 347 983667 384 41-759 347 983667 384 41-759 347 983667 384 41-759 347 983667 384 41-759 347 983667 384 41-759 347 983667 384 41-759 347 983667 384 41-76 343 983910 008 42-71- 344 984 984 984 984 984 984 984 984 984 9			46-4211	374
41-250 353 46-1201 379 41-255 353 46-1203 378 41-260 352 46-1209 380 41-265 332 46-1213 382 41-280 333 46-1226 380 41-285 353 PHILLARMONIC 41-287 353 6810 196 41-290 353 8701 196 41-295 338 8702 196 41-296 353 8701 196 41-300 338 8703 196 41-315X 338 8710 196 41-315X 338 8711 196 41-316 342 8711 196 41-316 342 8712 196 41-608 355 PHILLIPS PETROLEUM CO. (See Woolarec) 41-610 353 PHICT 41-611 353 T.510 381 41-612 354 T.510 381 41-712 354 T.510 381 41-713 354 T.510 381 41-714 346 T.521 383 41-712 347 PONTIAC 384 41-758 347 PONTIAC 384 41-759 347 PONTIAC 384 41-758 347 PONTIAC 384 41-759 347 PONTIAC 384 41-750 348 PONTIAC 384 41-750 348 PONTIAC 384 41-750 359 PONTIAC 384 41-750 359 PONTIAC 385 42-760 348 PONTIAC 385 42-760 349 PONTIAC 389 42-7	41-230	350		375
41-255 353 46-1203 378 41-260 352 46-1209 380 41-265 352 46-1213 382 41-280 353 46-1226 380 41-285 353 PHILHARMONIC 41-287 353 6810 196 41-290 353 8701 196 41-295 338 8702 196 41-296 353 8703 196 41-300 338 8710 196 41-315X 338 8710 196 41-316 342 8711 196 41-316 342 8712 196 41-609 355 PHILLIPS PETROLEUM CO. (See Woolarec) 41-610 353 PILOT 353 PILOT 361 41-616 342 7.500 7.3 41-616 342 7.500 7.3 41-629 353 7.510 381 41-712 354 7.511 381 41-712 354 7.511 381 41-714 346 7.530 393 41-722 347 PONTIAC 341 41-722 347 PONTIAC 341 41-738 356 983775 386 42PT-2 343 983679 386 42PT-2 343 983170 108 42PT-4 343 983170 108 42-121 364 PILOT 386 42PT-7 343 983170 386 42PT-7 343 393 386 42PT-7 344 343 393 393 393 393 393 393 393 393			46-480	3/6
41-260 352 46-1209 380 41-265 352 46-1213 382 41-280 353 46-1226 380 41-287 353 PHILHARMONIC 41-287 353 6810 196 41-290 353 8701 196 41-295 338 8702 196 41-296 353 8703 196 41-300 338 8710 196 41-315X 338 8711 196 41-316 342 8711 196 41-316 355 PHILLIPS PEROLEUM CO. (See Woolarac) 41-609 355 (See Woolarac) 41-610 353 PILOT 41-611 353 7.510 381 41-712 354 7.500 73 41-722 347 PONTIAC 41-758 347 983667 384 41-759 347 983679 386 41-759 347 983680 394 41-788 356 983775 366 42PT-2 343 983911 386 42PT-7 343 983910 108 42-121 364 PILOT 42-123 364 PILOT 41-788 356 983775 366 42PT-7 343 983910 386 42PT-7 343 983910 386 42PT-7 343 983911 386 42PT-7 344 390 390 42PT-7 344 390 390 42PT-	41-250	353	46-1201	378
41-265 352 46-1213 382 41-280 353 46-1226 380 41-285 353 PHIHARMONIC 41-287 353 6810 196 41-290 353 8701 196 41-296 353 8702 196 41-296 353 8703 196 41-300 338 8702 196 41-300 338 8710 196 41-315X 338 8711 196 41-315X 342 8711 196 41-316 342 8712 196 41-608 355 PHILLIPS PETROLEUM CO. (See Woolarac) 41-610 353 PHIOT 41-610 353 PHIOT 41-610 353 PHIOT 41-629 353 T-510 381 41-712 354 T-511 381 41-713 354 T-511 381 41-714 346 T-530 393 41-722 347 PONTIAC 387 41-738 347 983667 384 41-738 347 983667 384 41-738 356 983775 386 41-738 356 983775 386 42-PT-2 343 983911 386 42-PT-2 343 983910 108 42-PT-1 343 983911 386 42-PT-2 344 98360 394 42-PT-2 349 349 PT-2 349 42-PT-2 349 349 PT-2	41 260	352		380
41-285 353 46-1226 380 41-287 353 6810 196 41-297 353 8701 196 41-295 338 8702 196 41-296 353 8703 196 41-300 338 8710 196 41-315X 338 8711 196 41-315X 338 8711 196 41-315X 338 8711 196 41-316 342 8712 196 41-609 355 (See Woolarac) 41-610 353 PILOT 353 156 41-611 353 7.411.U 381 41-616 342 7.500 73 41-629 353 7.510 381 41-712 354 7.511 381 41-713 354 7.511 381 41-714 346 7.530 393 41-722 347 PONTIAC 347 41-728 347 98367 386 41-759 347 98367 386 41-759 347 98367 386 41-759 347 98367 386 42PT-2 343 983910 386 42PT-2 343 983911 386 42PT-4 343 983911 386 42PT-5 348 364 PURE OIL (See Puritan) 42-122 358 PREMIER 42-123 364 PURE OIL (See Puritan) 42-124 364 PURITAN 42-125 364 PURE OIL (See Puritan) 42-126 364 PURITAN 42-127 369 369 PREMIER 42-706 359 FREMIER 42-706 369 FREMIER 42-708	41-265	352	46-1213	382
All-285 353 PHILHARMONIC 196 196 197	41-280	353	46-1226	380
41-295 338 8702 196 41-295 338 8702 196 41-296 353 8703 196 41-300 338 8710 196 41-315X 338 8711 196 41-315X 338 8711 196 41-315X 338 8711 196 41-316 342 8711 196 41-608 355 PHILLIPS PETROLEUM CO. 41-609 355 PHILLIPS PETROLEUM CO. 41-610 353 PILOT 41-610 353 PILOT 41-616 342 7.500 373 41-616 342 7.500 381 41-712 354 7.510 381 41-712 354 7.510 381 41-713 354 7.510 381 41-714 346 7.521 383 41-714 346 7.521 383 41-714 346 7.521 383 41-715 347 PONTIAC 41-722 347 PONTIAC 41-758 347 983657 384 41-759 347 983667 386 41-759 347 983680 394 41-788 356 98380 394 41-788 356 983875 386 42PT-2 343 983910 38 42PT-7 343 983910 386 42PT-7 343 984170 108 42-121 362 984171 386 42-122 358 PREMIER 42-123 361 PILOT 42-124 364 PURE OIL (See Puritan) 42-125 364 PURE OIL (See Puritan) 42-126 364 PURE OIL (See Puritan) 42-127 360 359 501 388 42-706 343 503 388 42-706 343 503 388 42-706 359 507 20 42-700 359 508 25 42-760 359 507 20 42-760 359 508 25 42-762 359 RCA VICTOR 42-1003 367 QB-2 399 42-1008 365 QB-3 399	41-285	353	PHILHARMONIC	
41-295 338 8702 196 41-296 353 8703 196 41-300 338 8710 196 41-315X 338 8711 196 41-316 342 8712 196 41-608 355 PHILLIPS PETROLEUM CO. 41-609 355 (See Woolaroc) 41-610 353 PILOT 354 41-611 353 T.411.U 381 41-616 342 T.500 73 41-629 353 T.510 381 41-712 354 T.511 381 41-713 354 T.511 381 41-713 354 T.511 381 41-714 346 T.521 383 41-722 347 PONTIAC 384 41-745 347 PONTIAC 384 41-758 347 983667 386 41-759 347 983667 386 41-759 347 983679 386 41-759 347 983679 386 41-759 347 983680 394 41-788 356 983775 386 42PT-2 343 983910 108 42PT-4 343 983910 108 42PT-7 343 983910 386 42PT-7 344 360 360 506 200 42PT-8 360 360 506 200 42PT-8 360 360 504 360 360 360 360 360 360 360 360 360 360	41-287	353	6810	196
41-296 353 8703 196 41-300 338 8710 196 41-315X 338 8711 196 41-315X 338 8711 196 41-608 355 PHILLIPS PETROLEUM CO. 41-609 355 (See Woolard) 41-610 353 PILOT 41-611 353 T411-U 381 41-616 342 T500 731 41-617 353 T510 381 41-712 334 T510 381 41-712 334 T510 381 41-713 354 T511 381 41-714 346 T521 383 41-714 346 T521 383 41-715 347 PONTIAC 41-758 347 PONTIAC 41-758 347 PONTIAC 41-758 347 983679 386 41-759 347 983680 394 41-788 356 983775 386 42-71-2 343 983910 386 42-71-4 343 983910 386 42-71-7 343 983910 386 42-71-7 343 983910 386 42-71-7 343 983910 386 42-71-7 343 983910 386 42-71-7 343 983910 386 42-71-7 343 983910 386 42-71-7 343 984170 386 42-71-7 343 984170 386 42-71-7 364 984170 386		353	9701	190
A1-300 338 8710 196 A1-315X 338 8711 196 A1-316 342 8712 196 A1-608 355 PHILLIPS PETROLEUM CO. A1-609 355 See Woolaroc) A1-610 353 PILOT 381 A1-611 353 T.411-U 381 A1-616 342 T.500 73 A1-617 354 T.510 381 A1-712 354 T.511 381 A1-713 354 T.511 381 A1-713 354 T.521 383 A1-714 346 T.521 383 A1-714 346 T.530 393 A1-722 347 PONTIAC A1-722 347 PONTIAC A1-745 347 983667 384 A1-758 347 983667 384 A1-758 347 983667 384 A1-758 347 983667 386 A1-759 347 983680 394 A1-788 356 983775 386 A2PT-2 343 983911 386 A2PT-4 343 983911 386 A2PT-7 343 983911 386 A2PT-7 343 983911 386 A2PT-7 345 984170 108 A2-121 362 984171 386 A2-122 358 PREMIER A2-123 361 PURITAN A2-126 364 PURITAN A2-126 364 PURITAN A2-126 343 503 388 A2-730 366 504 387 A2-730 366 506 20 A2-742 359 SOB 25 A2-788 356 GB-2 391 A2-1002 369 HF-2 390 A2-1003 367 QU-2C 392 A2-1008 365 QU-2M 3	41-295	330	8/02	196
41-315X 338 8711 196	41-300	338	8710	196
41-316 342 8712 196 41-608 355 PHILLIPS PETROLEUM CO. 41-610 353 PILOT 381 41-616 342 T.411-U 381 41-616 342 T.500 73 41-629 353 T.510 381 41-712 354 T.511 381 41-713 346 T.521 383 41-714 346 T.521 383 41-722 347 PONTIAC 41-722 347 PONTIAC 41-745 347 983667 384 41-758 347 98367 386 41-758 347 98369 394 41-788 356 983775 386 42PT-2 343 983911 386 42PT-4 343 983911 386 42PT-7 343 983911 386 42PT-7 343 983911 386 42PT-7 343 984170 108 42-121 362 984170 108 42-122 358 PREMIER 42-123 361 PREMIER 42-124 364 PURITAN 42-125 364 PURITAN 42-126 364 PURITAN 42-1270 366 500 20 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 502 385 42-706 343 502 385 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 343 503 388 42-706 349 504 387 42-706 349 504 387 42-708 359 508 25 42-780 359 60 20 42-780 359 60 20 42-780 359 60 20 42-780 359 60 20 42-780 359 60 20 42-780 359 60 20 42-780 359 60 20 42-780 359 60 20 42-780 366 506 20 42-780 367 QU-2C 399 42-1003 367 QU-2M 399 42-1008 365 QU-2M	41-31.5X	338	8711	196
A1-609 355	41-316	342	8712	196
A1-610 353	41-608	355		
A1-611 353	41-009	353		
A1-616	41-611	353	PILOT	381
A1-629 353 T-510 381 A1-712 354 T-511 381 A1-713 354 T-511 383 A1-714 346 T-521 383 A1-714 347 PONTIAC A1-722 347 PONTIAC A1-758 347 983667 384 A1-758 347 983679 386 A1-759 347 983689 394 A1-788 356 983775 386 A2PT-2 343 983910 108 A2PT-4 343 983911 386 A2PT-7 343 983911 386 A2PT-7 343 983911 386 A2PT-1 362 984170 108 A2-121 358 PREMIER A2-122 358 PREMIER A2-123 361 151W 127 A2-124 364 PURE OIL (See Puritan) A2-125 364 PURITAN A2-136 363 501 385 A2-330 363 501 385 A2-330 363 501 385 A2-330 364 PURITAN A2-330 365 502 324 A2-706 343 503 388 A2-706 343 503 388 A2-724 366 506 20 A2-760 359 508 25 A2-760 359 508 25 A2-760 359 508 25 A2-760 359 508 25 A2-761 359 508 25 A2-762 359 RCA VICTOR A2-1003 367 QB-2 399 A2-1003 367 QB-2 399 A2-1003 367 QB-2 399 A2-1003 365 QU-2M 399 A2-1008 365 QU-2M 399 A2-1008 365 QB-3 399 A	41-616	342	7 600	/3
A1-712 334 T-511 381 A1-713 354 T-521 383 A1-714 346 T-530 393 A1-722 347 PONTIAC A1-725 347 983667 384 A1-758 347 983679 386 A1-759 347 983679 394 A1-788 356 983775 386 A2PT-2 343 983910 108 A2PT-4 343 983910 108 A2PT-7 343 983910 108 A2PT-7 343 984170 108 A2-121 362 984170 386 A2-122 358 PREMIER A2-123 361 PREMIER A2-124 364 PURE OIL (See Puritan) A2-125 364 PURE OIL (See Puritan) A2-126 364 PURITAN 385 A2-390 363 501X 124 A2-390 363 501X 124 A2-390 363 502 385 A2-390 363 502 385 A2-390 363 502 385 A2-706 343 503 384 A2-706 343 503 384 A2-706 343 503 384 A2-706 343 503 384 A2-706 345 506 20 A2-760 359 507 20 A2-761 359 SO8 25 A2-762 359 RCA VICTOR A2-762 359 RCA VICTOR A2-762 359 RCA VICTOR A2-763 367 QU-2C 399 A2-1003 367 QU-2C 399 A2-1003 367 QU-2C 399 A2-1008 365 QU-2M 399 A2-10	41-629	353	T 610	
Aliment Alim	41-712	354	T-511	381
41-722 347 PONTIAC 384 41-745 347 983667 386 41-758 347 983667 386 41-759 347 983667 386 41-759 347 983680 394 41-788 356 983775 386 42PT-2 343 983910 386 42PT-4 343 983911 386 42PT-7 343 983911 386 42PT-7 343 983911 386 42-121 362 984171 386 42-121 362 984171 386 42-122 388 PREMIER 15LW 127 42-124 364 PURE OIL (See Puritan) 42-125 364 PURITAN 385 42-126 364 PURITAN 385 42-126 364 PURITAN 385 42-127 386 363 501 385 42-380 363 501 385 42-380 363 501 385 42-395 363 502 385 42-396 363 502 385 42-396 363 502 385 42-396 363 502 385 42-706 343 503 388 42-774 360 504 387 42-774 360 506 20 42-760 359 FCA VICTOR 387 42-761 359 FCA VICTOR 397 42-761 359 FCA VICTOR 397 42-762 359 FCA VICTOR 397 42-762 359 GRA VICTOR 397 42-763 367 QB-2 397 42-1003 367 QB-2 397 42-1003 367 QB-2 397 42-1003 365 QB-3 397 42-1008 365 QB-3 397 42-1008 365 QB-3 397 42-1008 365 QB-3 397	41-714	346		393
41-745 347 983667 384 41-758 347 983679 386 41-759 347 983680 394 41-788 356 983775 386 42PT-2 343 983910 108 42PT-4 343 983911 386 42PT-7 343 983911 386 42PT-7 343 983911 386 42PT-7 343 984170 108 42-121 358 PREMIER 42-122 358 PREMIER 42-123 361 15LW 127 42-124 364 PURE OIL (See Puritan) 42-125 364 PURITAN 42-126 364 PURITAN 42-126 364 PURITAN 42-126 363 501X 124 42-300 363 501X 124 42-300 363 501X 124 42-300 363 501X 388 42-736 363 502 124 42-400 338 502 324 42-706 343 503 388 42-706 343 503 388 42-706 359 504 387 42-706 359 506 20 42-760 359 508 25 42-760 359 508 25 42-760 359 508 25 42-760 359 508 25 42-760 359 508 25 42-761 359 508 25 42-762 359 RCA VICTOR 42-762 369 HF-2 390 42-763 367 QB-2 391 42-1003 367 QB-2 392 42-1003 367 QB-2 392 42-1003 367 QB-2 392 42-1008 365 QU-2M 399 42-1008 365 QU-2M 399 42-1008 365 QU-2M 399 42-1008 365 QB-3 399	41 722	347		
41-758	41.745	347	093667	384
41-759		34/	002470	380
42P1-4 343 983911 388 42P1-7 343 984170 108 42-121 362 984171 386 42-122 358 PREMIER 127 42-123 361 15LW 127 42-124 364 PURE OIL (See Puritan) 42-125 364 PURITAN 42-126 364 PURITAN 42-350 357 501 385 42-380 363 501X 124 42-395 363 502 384 42-395 363 502 384 42-706 343 503 388 42-706 343 503 38 42-724 360 504 387 42-730 366 506 20 42-760 359 508 25 42-761 359 508 25 42-762 359 RCA VICTOR 42-763 369 HF-	41-759	34/		394
42P1-4 343 983911 388 42P1-7 343 984170 108 42-121 362 984171 386 42-122 358 PREMIER 127 42-123 361 15LW 127 42-124 364 PURE OIL (See Puritan) 42-125 364 PURITAN 42-126 364 PURITAN 42-350 357 501 385 42-380 363 501X 124 42-395 363 502 384 42-395 363 502 384 42-706 343 503 388 42-706 343 503 38 42-724 360 504 387 42-730 366 506 20 42-760 359 508 25 42-761 359 508 25 42-762 359 RCA VICTOR 42-763 369 HF-		343	983775	
42PT-7 343 984170 108 42-121 362 984171 386 42-122 358 PREMIER 127 42-123 361 PREMIER 151W 127 42-124 364 PURE OIL (See Puritan) 364 PURITAN 385 42-125 364 PURITAN 385 361 124 42-330 357 501 124 387 385 42.380 363 501X 344 387 385 42.740 385 42.740 385 3502 385 42.740 387 324 324 324 324 327 324 324 327 324 324 327 324 324 327 324 324 327 324 324 327 324 324 324 324 324 324 324 324 324 324 324 324 324 324 324 324 324 324 324 </th <th>42PT-4</th> <th>343</th> <th>983910</th> <th>386</th>	42PT-4	343	983910	386
42-121 362 984171 386 42-122 358 PREMIER 127 42-123 364 15LW 127 42-124 364 PURE OIL (See Puritan) 42-125 364 PURITAN 385 42-320 357 501 385 42-380 363 501X 124 42-395 363 502 385 42-706 338 502X 124 42-706 343 503 388 42-774 360 504 387 42-730 366 506 20 42-760 359 507 20 42-761 359 508 25 42-762 359 RCA VICTOR 39 42-788 356 HF-2 390 42-1003 367 QB-2 391 42-1003 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395	42PT-7	343	094170	108
42-123 361 15LW 127 42-124 364 PURE OIL (See Puritan) 42-125 364 PURITAN 42-126 364 PURITAN 42-300 357 501 385 42-380 363 501X 124 42-395 363 502 385 42-400 338 502X 124 42-400 338 502X 384 42-706 343 503 384 42-774 360 504 387 42-724 360 506 20 42-730 356 506 20 42-761 359 507 20 42-761 359 RCA VICTOR 42-762 359 RCA VICTOR 42-763 356 QB-1 391 42-1002 369 HF-2 390 42-1003 367 QB-2 392 42-1003 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395	42-121	362	984171	386
42-124 364 PURE OIL (See Puritan) 42-125 364 PURITAN 42-126 364 PURITAN 42-350 357 501 385 42-395 363 501X 124 42-395 363 502 385 42-400 338 502X 124 42-706 343 503 388 42-706 360 504 387 42-730 366 506 20 42-760 359 507 20 42-761 359 508 25 42-762 359 RCA VICTOR 39 42-788 356 QB-1 391 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1003 367 QB-2 391 42-1008 365 QU-2M 392 42-1008 365 QB-3 395	42-122	361	PREMIER	127
42-125 364 PURE OUT GRE PUBLIAN 42-126 364 PURITAN 385 42-330 357 501 124 42-380 363 501X 385 42-395 363 502 385 42-400 338 502X 124 42-706 343 503 384 42-724 360 504 387 42-730 366 506 20 42-760 359 507 20 42-761 359 508 25 42-762 359 RCA VICTOR 39 42-768 356 QB-1 391 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1003 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QU-2M 392		364	15LW	
42-126 364 PURITAN 42-350 357 501 385 42-380 363 501X 124 42-395 363 502 388 42-706 338 502X 384 42-724 360 504 387 42-730 366 506 20 42-760 359 507 20 42-761 359 508 25 42-762 359 RCA VICTOR 391 42-788 356 GB-1 391 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1003 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395	42-125	364		
42-380 363 501X 124 42-395 363 502 385 42-400 338 502X 124 42-400 338 502X 388 42-706 343 503 388 42-724 360 504 387 42-730 366 506 20 42-760 359 507 20 42-761 359 508 25 42-762 359 RCA VICTOR 42-788 356 QB-1 391 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1003 367 QB-2 392 42-1008 365 QU-2K 392 42-1008 365 QU-2K 392 42-1008 365 QU-2K 392 42-1008 365 QU-2K 392	42-126	364	PURITAN	. 385
42-395 363 502 853 42-400 338 502X 124 42-706 343 503 388 42-724 360 504 387 42-730 366 506 20 42-760 359 507 20 42-761 359 8CA VICTOR 39 42-762 359 RCA VICTOR 391 42-788 356 QB-1 391 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1005 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395	42-350	357	501	124
42-400 338 342 398 42-706 343 503 388 42-706 343 503 388 42-724 360 504 387 42-724 360 506 20 42-730 356 507 20 42-730 359 507 20 42-761 359 508 25 42-762 359 RCA VICTOR 391 42-788 356 QB-1 391 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1005 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395 42	42-380	363		
42-724 360 504 304 42-730 366 506 20 42-760 359 507 20 42-761 359 508 25 42-762 359 RCA VICTOR 391 42-788 356 QB-1 391 42-1002 369 HF-2 391 42-1003 367 QB-2 391 42-1005 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395	42-400	338	502X	124
42-724 360 504 304 42-730 366 506 20 42-760 359 507 20 42-761 359 508 25 42-762 359 RCA VICTOR 391 42-788 356 QB-1 391 42-1002 369 HF-2 391 42-1003 367 QB-2 391 42-1005 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395	42.706	343	503	388
42-730 359 507 20 42-760 359 508 25 42-761 359 708 25 42-762 359 8CA VICTOR 42-788 356 QB-1 391 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1005 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395		360	504	20
42-761 359 508 25 42-762 359 RCA VICTOR 391 42-788 356 QB-1 390 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1005 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QU-2M 392	42-730	366	507	20
42-762 359 RCA VICTOR 42-788 356 QB-1 391 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1005 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QU-2M 392	42.760	350	508	25
42-788 356 QB-1 390 42-1002 369 HF-2 390 42-1003 367 QB-2 391 42-1005 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395 42-1008 365 QB-3 395			DCA VICTOR	
42-1002 369 17-2 391 42-1003 367 QB-2 391 42-1005 367 QU-2C 392 42-1008 365 QU-2M 392 42-1008 365 QB-3 395	42-788	356	Q8-1	
42-1003	42-1002	369	MF-2	391
42 1000M 365 QB-3	42-1003	367	QU-2C	392
42 1000M 365 QB-3	42-1005	365	QU-2M	392
	42 1000M	365	QB-3	A0E
	42-1000W	300		
42-1012	42-1012	368	HF-4	390
42-1013M	42-1013M	368	4QB	398

	Diagram	1	n:
Manufacturer	Number	Manufacturer	Diagram Number
RCA VICTOR (Continued)		RCA VICTOR (Continued	1)
4QB4	398		415
QB-5		16X11	207
QU-5	392	16X13	397
TRK-5	305	16X13 16X14 Q-16	397
5Q5	398	Q-16E	416
JUO	308	17K	416
5Q8 5Q12	398	Q-17	416
5Q12	400	107	
5Q55	. 308	Q-18 19K U-20	398
5Q56 .	200	U-20	417
5Q66	398		
6QU HF-6	400	Q-22A	391
QB-6	301	Q-23 QK-23	416
6(3)	402	Q-24	
6Q4 6Q4X	402	25BK	410
6Q7	402	23812	410
6Q8	400	25813	418
OUK8	400	Q-25	420
ZUR	400	U-25	395
7QBKQU-7	403	26X1	207
7Q4	407	26X3 26X4 Q-26	397
7Q4X	405	26X4	397
7Q4X	405	U-26	396
HF-8	401	27K	
8QB		Q-27	420
QU-8	407	28T	139
8Q1	406	28X	
8Q2	404	29K	140
8Q4 8QU5C	406	29K2	
8QU5M	404	Q-30	423
QB-9	391	U-30 Q-31	414
9QK	408	Q.33	
TRK-9 9M1	410	34X	411
9Q1	408	35X	
9M2	409	36X	397
9Q4		U-40 BK-42	107
10Q1	406	B1-42	427
10-X U-10	411	U-42	107
11Q4	. 414	U-43Q-44	107
11QK	414	U-44	425
11QU	414	45X18	
11X-1		U-45	425
12AX	411	K-50	107
12AX2	. 411	U-50	400
12Q4 12QK	414	QU-51C	
12QU	414	QU-51M	428
12X	411		
12X2	411	QU-52M	392
Q-12 U-12	397	55AU	
TRK-12	410	555	. 410
14AX		55FA	419
14AX2	411	QU-55	430
14X	411	T-55	107
14X2	412	X-55	107
Q14E	412	56X 56X2	431
Q-15	412	56X3	
Q-15E	412	56X5	397
16K	413	56X10	207
16T2	413	56X11	397
16T3	413	QU-56M	
16T4	413	T-56	107

Manufacturer	Diagram Number	Manufacturer	Diagram Number
RCA VICTOR (Continued)		RCA VICTOR (Continue	d)
58AV	142	98T	395
58V	142	98T2	395
59AV1	142	98X	395
59V1	142	98YG 99K	395
M-60	409		414
K-60		V-101	
X-60		V-102	413
K-61		K-105	434
K-62		110K	445
T-62		110K2	445
T-63	107	111K U-115	445 443
64F1		U-119	
64F2	138	TRK-120	410
64F3	138	U-121	443
T-64	433	U-122F	395
65AU	420	U-123 (1 band)	443
65X1	138	U-123 (2 band)	
65X2	138		395
T-65	433	U-125 U-126	
66BX	435	U-127E	443
66X1	436	U-128	414
66X2	436	U-129	414
66X3			390
66X4	430		401
67AV1	437	U-134 V-140	
67V1	437		
M-70	439		
K-80	434	V-200	447
T-80		V-201	139
K-81	434	VHR-202	447
K-82	410	V-205	447
948K2		VHR-207 V-209	142
94BT2	442	V-210	142
95T5		211K	141
95T5LW	443	VHR-212	142
968K6	442	V-215	142
96BT6	442	V-219 V-221	
96E2			142
96K	305	V-300	447
96K2	395	V 201	447
96K5	395	V-302	447
96K6	395	VHR-307 V-405	447
96T	443	VHR-407	447
96T1	443	51.5	
96T2	305	516	411
96T4			411
96T5			411
9676		526	411
96T7	395	527	411
96X1	444	612V2	
96X2	444	612V3	
96X3	444	910KG	414
96X4	444	911K	414
96X12	444	RADIOLA	
0AY13	444	61-1	397
96X14	444	61-2	397
97E	395	61-3	397
97K	395		
97KG	395		
97K2	395	RADIONIC	1 47
971	373	6W	
97T2 97X	395	RADIO WIRE TELEVISI	ON (See Lafayette)
97X	395	RAY ENERGY	
98EY	395	I AD	449
98K	414	AD4	453
98K2		SRB-1X	450

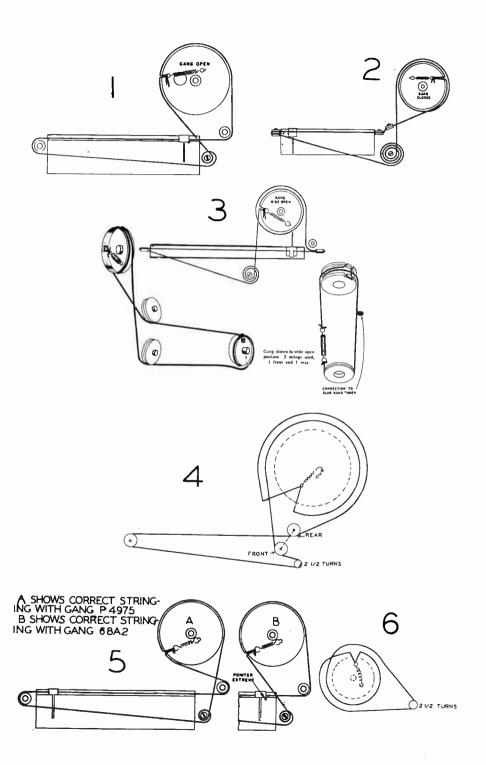
Manufacture	Diagram		Diagram
Manufacturer	Number	Manufacturer	Number
RECORDIO 6B10	451	SILVERTONE (Continued	
	451	4686	
			461
6B30		4748	
REGAL			
176	171		463
W800	171		465
W801		4792	
W900		4798	
W901	454	5502	
1049	452	5511-A	460
REMLER		5571	460
MP5-5-3	173	5571-A	460
RENARD		5581	458
L-1A	455	5601-A	460
1B5T-1		5621	
SCOTT		6008	
800-В	456	6011	467
SEARS ROEBUCK (See Si		6012	467
SENTINEL	(verione)	6016	464
263	450	6017	
264	459	6018	464
273	450	6019 6022	464
284-I	26	6036	470
284-NA		6038	470
284-W	26	6046	464
285-P	261	6047	
289-T 292-K	23	6048 6049	
292-K	454	6050	
293-1	459	6051	468
293-W		6052	468
294-1	459	6068	
294-N	459	6069 6071	
294-T	459	6072	
1U-2841	26	6074	470
1U-284NA	24	6079	470
1U-284NI 1U-284W 1U-285		6092	466
1U-285	261	6100	400
1U-2931	459	6104	466
10-2931	459	6105	466
1U-293T 1U-293W 1U-294M 1U-294M 1U-294T 1U-294T 1U-294T	450	6111	466
1U-294N	459	6122	464
TU-294T	459	6136	470
1U-294W	459	6138	470
SETCHELL-CARLSON		6146	464
SILVERTONE		6148	464
R-381	460	6157	473
771		6190	
R-1161	458	6200-A	475
1771 1781	458	6220	
1781	462	6220-A	475
1781-A 2011		6230	477
2051		6230-A	477
2411		6285-A	474
2461	458	6303	476
2511	73	6320	
2761	458	6321	471
4608		6322	471
4628		6323	471
4629		6324	
4638		6335	
4639	461	6336	
4648	461	6337	472
4649		6346 6346-A	472
4666		6346-A	472
400/	463	6359	472

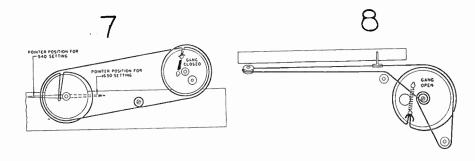
	Diagram	Diagram
Manufacturer	Number	Manufacturer Number
SILVERTONE (Continued) 6360	470	SIMPLON WVV2494
6361		SKY KNIGHT
6362		CB-500-P 6
6363	472	SKYROVER
6364		N5-RD-250 20
6368	472	N5-RD-251 20 SONORA
6379		RBU-176451
6381		RCU-208495
6382	472	RDU-209189
6407	472	RKRU-215498
6408		RM R-219
6409		RX-223497
6421		SPARTON
6424		5AM26PS500
6435	472	5AW06503
6436		6AW26PA
6437		7AM46
6438		BAM46499
6438-A		10BW76PA504 SPIEGEL (See Air Castle)
6438-B	472	STEWART-WARNER
6439	472	01-5H509
6439-A	472	01-6A
6441	472	010-6AX509
6446	472	01-6B
6447	471	010-6BX
6449		010-6CX509
6490	472	01-60
6490-A 6495 6497	472	01-6DX
6497	472	01-6F509
6551	482	01-6F9509
6561	482	01-6G
6621	482	01-8C7506
6661	482	01-8C7 .506 01-8C7-Z .506 01-9A .506
6751		01-9A506
6751-A		01-9A-Z
6761	482	11-6U-Z505
6761-A	482	11-7A1508
		11-7A1
7010	401	11-80510
7034	470	11-8F510
7037		11-8R
7038	484	11-889508
7048	483	11-98
7049	480	11-9B-Z506
7065	73	11-10A
7066	73	511136
7067		517146
7068		51T176 20
7069	483	61716 20
7071	483 487	61T26
7080		61TR46511
7090		62T16
7100	485	62T36 (Dial Only)
7104	491	62TC16512
7112	4 91 401	62TC26
7115	490	72-CR16510
7116	490	72-CR26510
7117	490	205GA513
7167	466	205GZ513
7168	4 00	9000-B
7228		9001-C
7230		9001-E
7245		9001-F 22
7905	396	9002 (Dial Only)20
7915	408	9003514

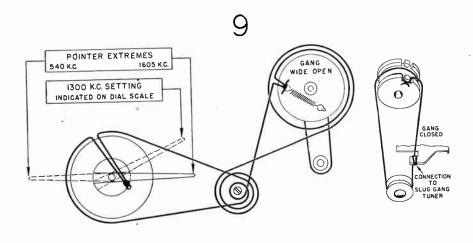
Manufacturer	Diagram	1	Diagram
	Number	Manufacturer	Number
STEWART-WARNER (Co		TRUETONE	
9004	510	D705	80
9005-A 9005-B		D934 D1015	466
9007-A			
9007-G	516		43
9014-E (Dia! Only)	20	D1117	525
9017 (Dial Only) .	20	D1118	182
A51T1 A51T2		D1124	48
A51T3		D1145 D1172	
A51T4			41
R-3581	513	D1202	182
R-3589		D1215	40
K-3801		D1224	48
		D1644	189
579-1-58A	120	D1645 D2127	
STROMBERG-CARLSON			
1100-H	517	D2149	
1100-HI	517	D2210	
1101-HB		D2211	
1101-HI 1101-HM	454	D2224	182
1101-HM	454	D2261	
1101-HW	454	D2610 D2611	527
1101-HY 1105 (Series 10-11)	1 519	D2612	
1110-HW (Series 10)	510	D2613	20
1110-PTW (Series	10)519	D2615	
1110-PTW (Series 1121 (Series 10-11 1121-HW	-12)520	D2616	528
1121-HW	520	D2620	
1121-LW	520		
1121-M1-O 1121-M2-W 1121-M2-Y 1121-PFM	520		
1121-M2-Y		D2624	78
1121-PFM	520	D2630	78
		D2634	125
1121-PGM 1121-PGW	520	D2642 D2644	
1121-PLM	520	D2645	
1121-PLW	520		
1121-PSM	520	D2663	4
SWANK	İ	D3619	95
	521	D3630	73
TELESONIC (MEDCO)		ULTRADYNE	73
1635	6	1.1.	35
TELE-TONE	167	U. S. TELEVISION (Se	e also Clearsonic)
109	258	5-16 Series	174
117-A	258	5-46 Series UNITONE	174
133	258		171
134	258	VAN CAMP	
	260	576-1-6A	144
TEMPLE E510		VIEWTONE	
		RC-201A	173
E519	189	VOGUE	173
F611	324		11
F616	523		
F617	524	WALGREEN	
G515	189	568	14
TEMPOTONE	189	3/1	117
500E Series	269	WARWICK (See Claric WATTERSON	n)
TRAV-LER		4581	73
5000	11	RC4581	73
5000-1	<u>11</u>	4582	11
5002	73	ARC4591A	73
5007 5008			132
		WELLS-GARDNER	
	18		46
5010			
5011	18	1A29	
5011	18	1A62 Series	183

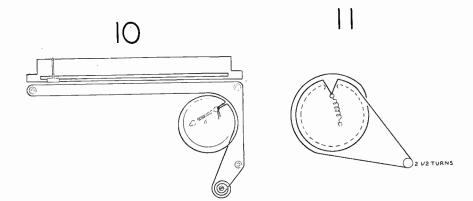
Diagrai Numbe	Manufacturer	Diagram Number	Manufacturer
(Continued)	WESTINGHOUSE		
10		nued)	ELLS-GARDNER (Conti
41	WR-290	103	1A63-3
	WR-366		5A25S
			6A43
	WR-370		6A44
	WR-372		6A65 Series
		532	6B10
		532	
		532	
		45	7A40
		45	7A41
		526	
	WR-480 WR-482	182	7D11 Series
	WR-484	45	8A30
		45	
(See Recordio)	WILCOX-GAY (61	8A51 Series A10 Series
_	WOOLAROC	64	
	3-1 A		A22 Series
	3-2A		A23 Series
	3-3A		A24 Series
	3-4A		\$2
	3-9A	64	
		(ruetone)	ESTERN AUTO (See 1
	3-29A		ESTINGHOUSE
_	ZENITH	533	H-104
	4K016	533	H-105
	4K035	533	H-107
	5D011	533	H-108
	5D027	533	н.110
	5G003	533	H-111
	5R080 5R086	535	
		535	H-114
	6D014	535	Н-116
	6D014W		H-117
	4D015Y	535	H-119
	6D029		H-122 H-125
	6D029G		
	6D030	534	H-130
	6G001	539	H-133
	6G001Y .	533	H-137
	6G004Y .	533	H-138
	6MF590 . 6MF591 .	538	H-148
	6MF591 . 6MF593 .		
	AMN405	536	H-1251
	6MN496	411	WR-12X7 WR-12X8
	6MN 595	397	WR-12X8 WR-12X9
	6R084	397	WR-12X9
	68087	415	WR-12X12 WR-12X14
		137	WP.12X15
		140	WR-12X16
		411	WR-13X8
	8H023	446	WR-42X2
	8H032	413	WR-42X3
	8H033 8H034	43/	WR-42X4
	8H034 8H050		WR-42X5
	8H050	413	
	8H052		WR-42X14
	8H061	443	WR-42X15 WR-158
		. 540	M/D 140
	040705	540	WP 1ARA
		. , , , 107	WR-170
	9н081	107	WR-172
	9H082R .	107	WR-175
	9H085R -	107	WR-176
	9H088R . 12H090 .		WP-186
	12H090 . 12H091 .		₩R-258
		541	WR-260
	12H093		WR-264
	12H094	107	WR-270
	12H093	395 107 107	WR-264 WR-270

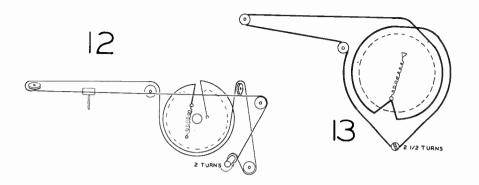
Q

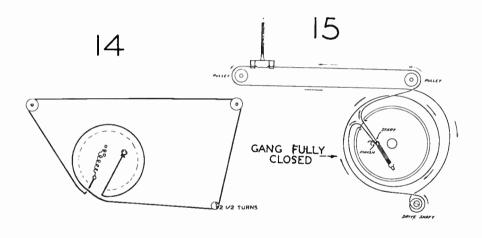


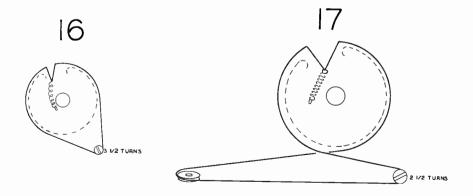


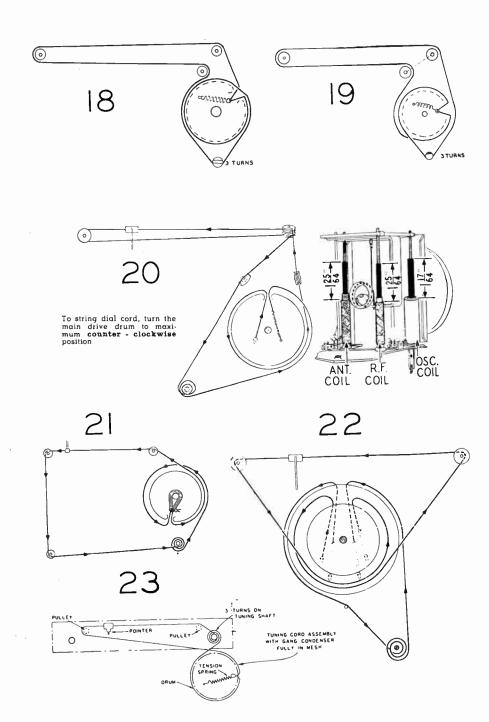


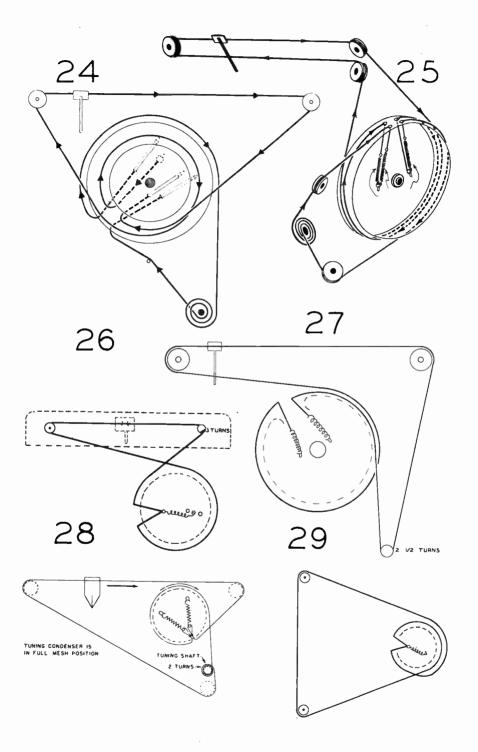


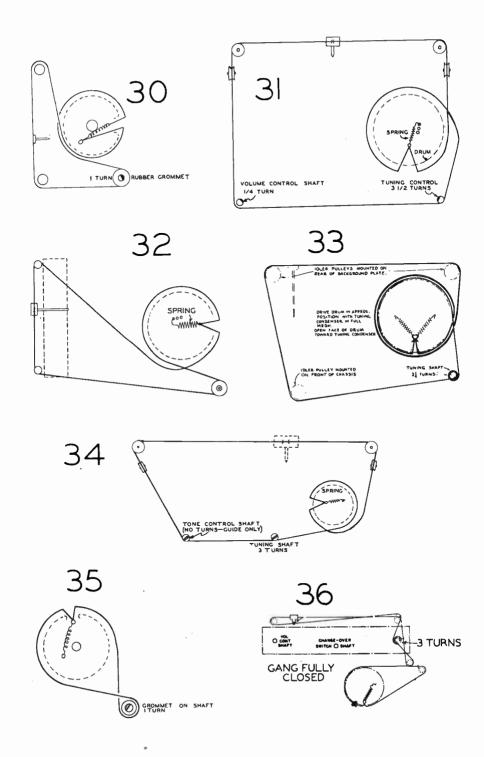


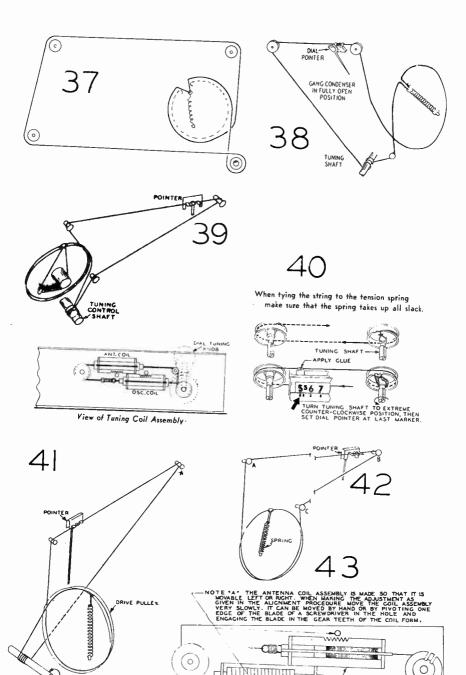








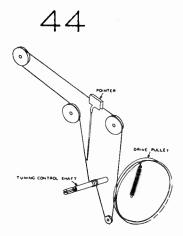


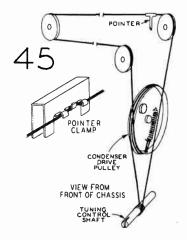


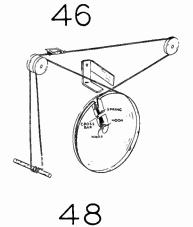
TO ADJUST COIL ASSEMBLY MOVE LEFT OR RIGHT

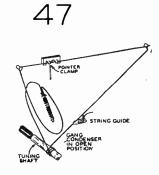
Turn gang condenser to full open position — See illustration. Use a new drive cord 42 inches in length.

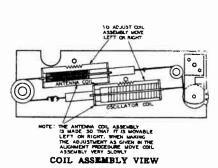
TUNING CONTROL SHAFT

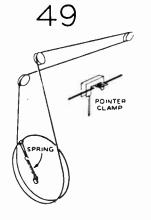






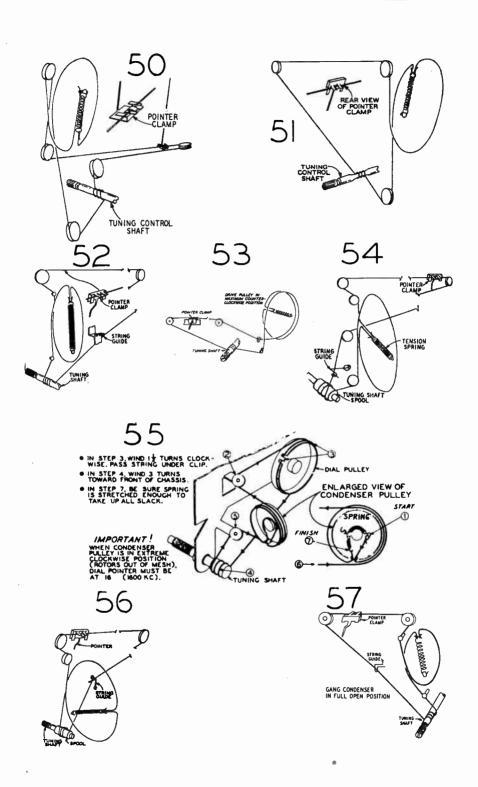


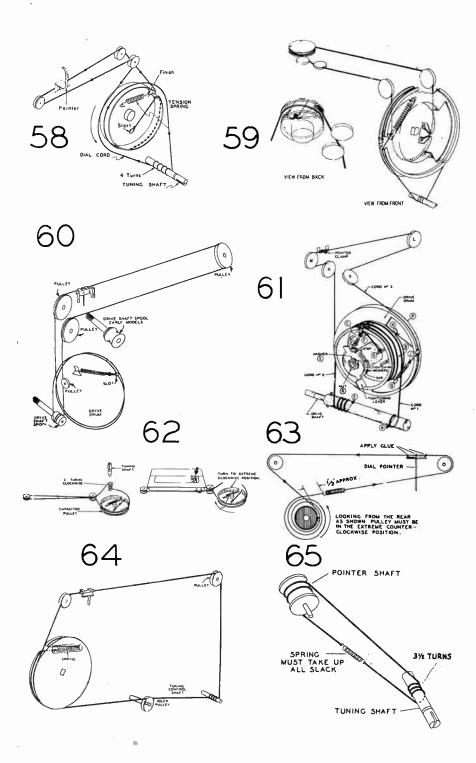


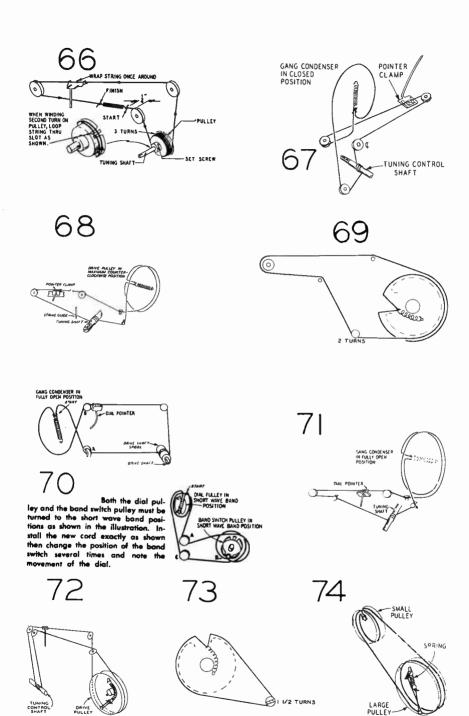


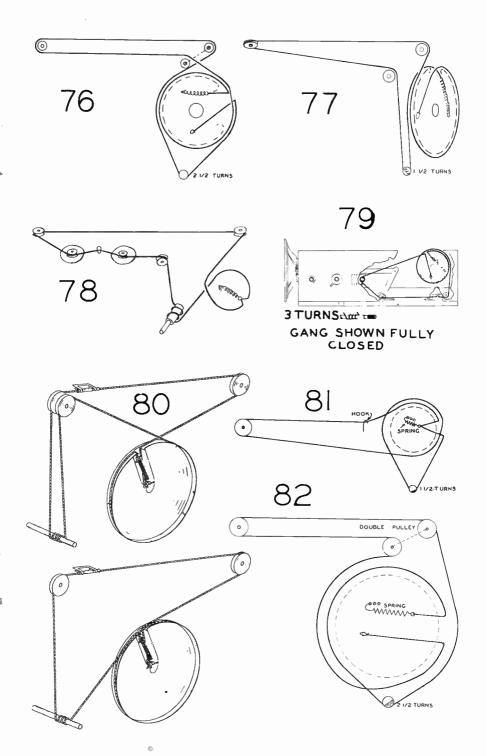
n

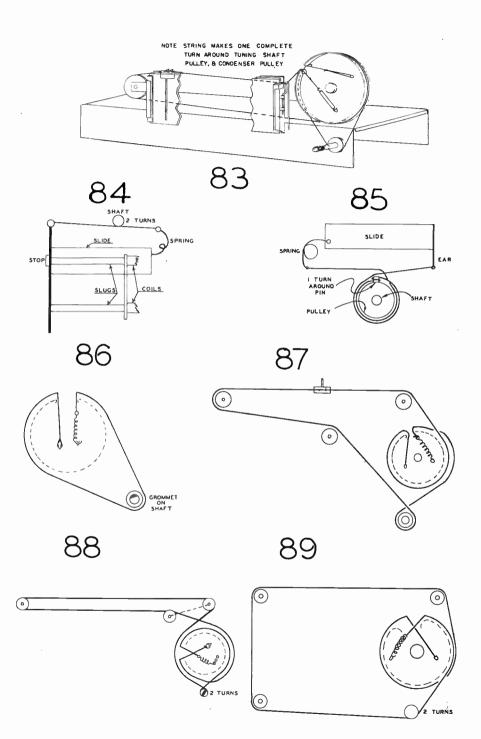
Ø,

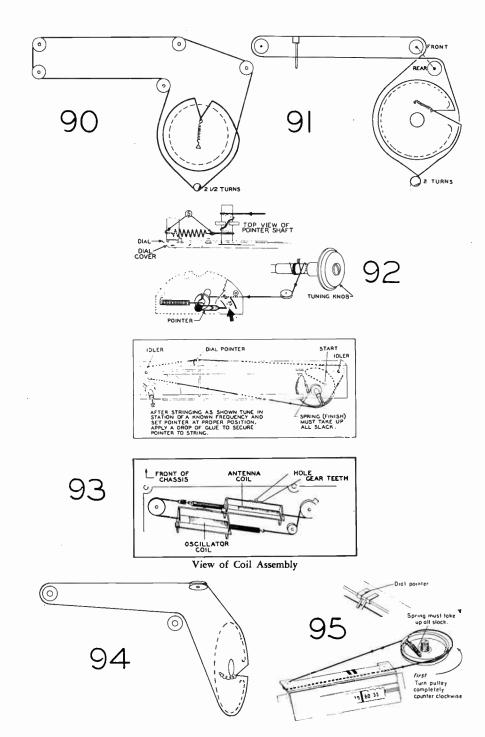


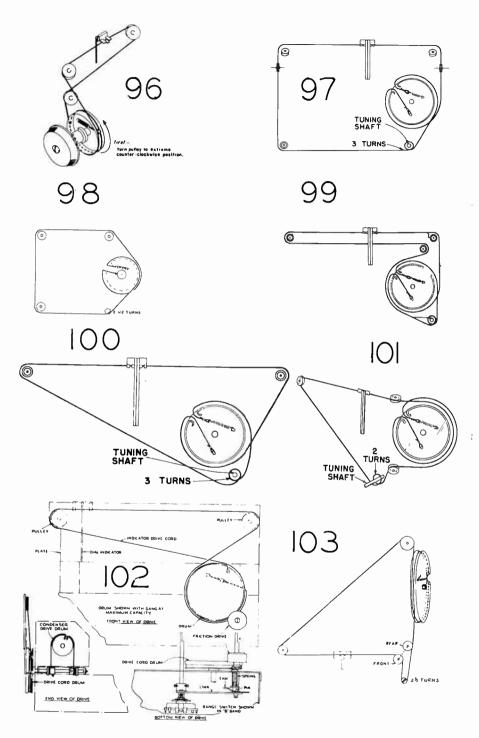




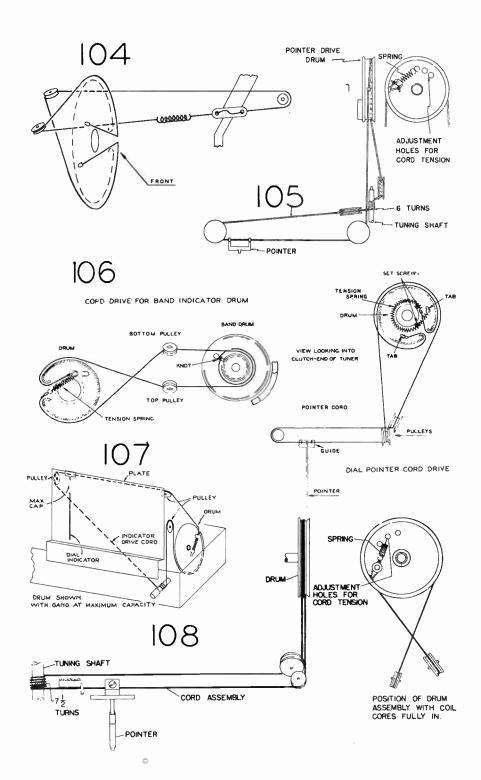


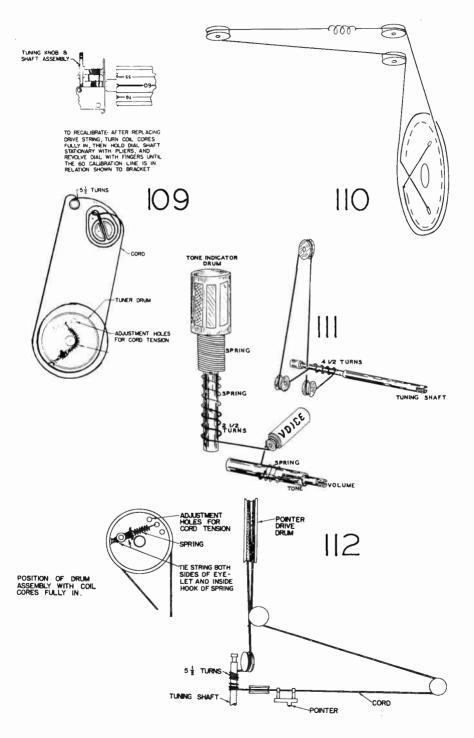


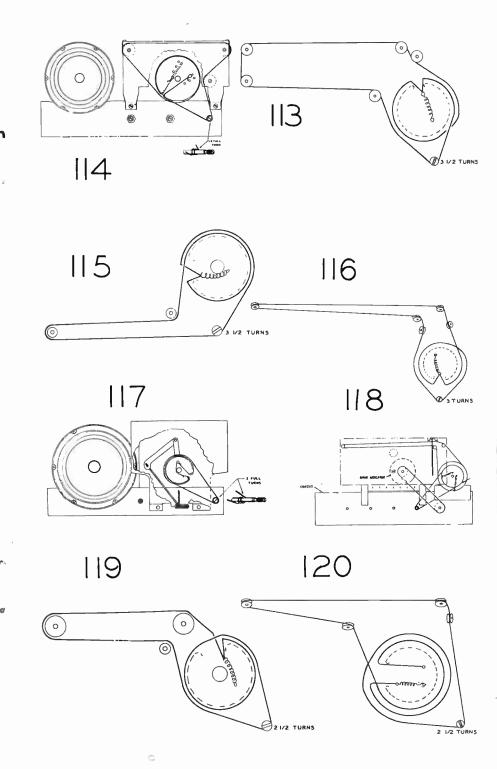


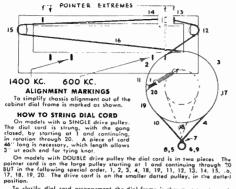


ø



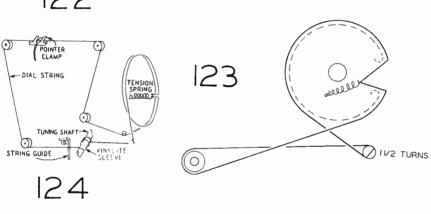


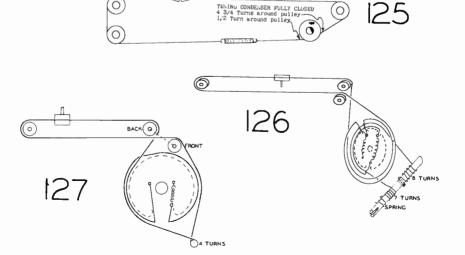


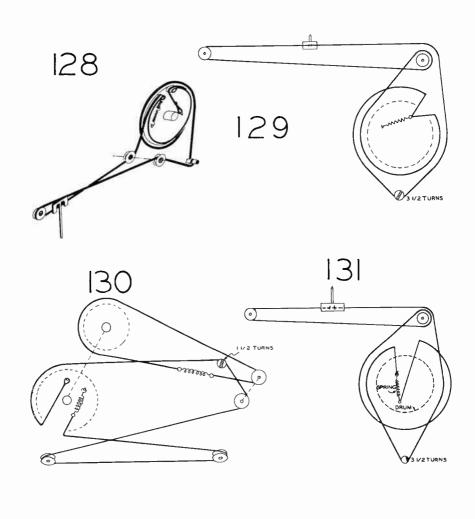


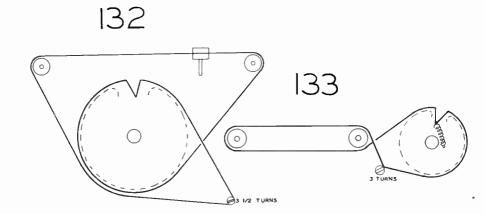
To clarify dial card arrangement the dial frame is shown as transparent.

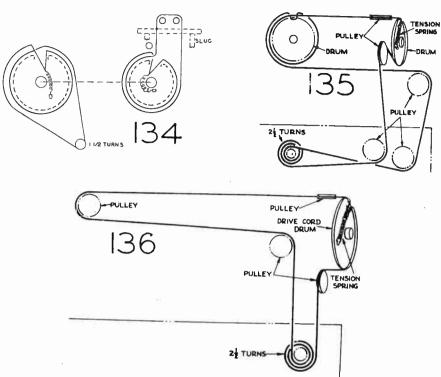
121 **®**3 1/2 TURNS

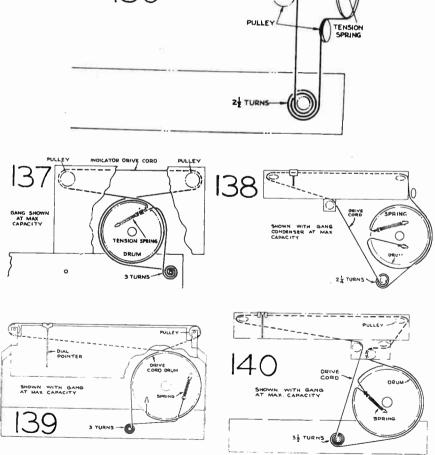


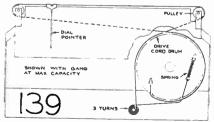


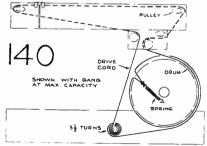


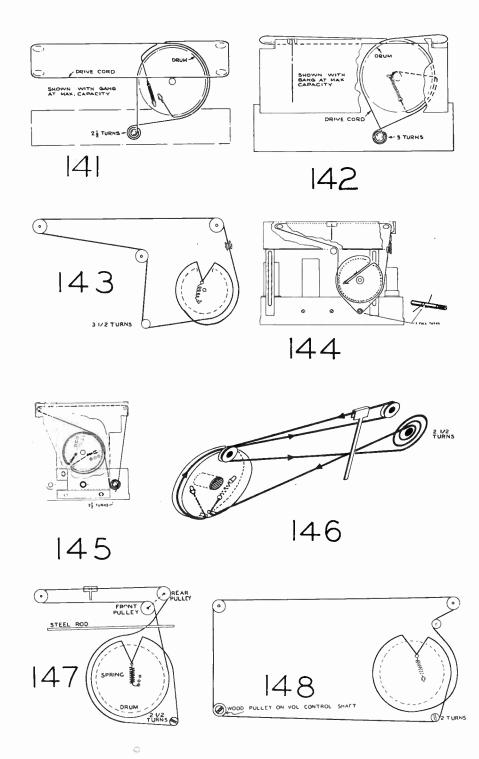


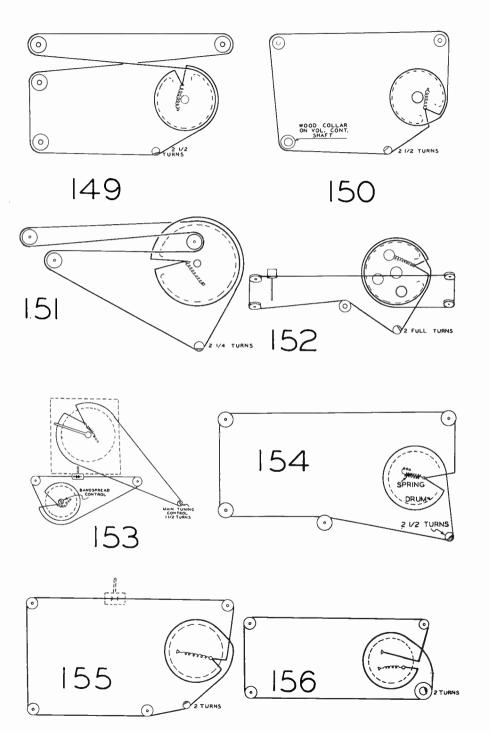




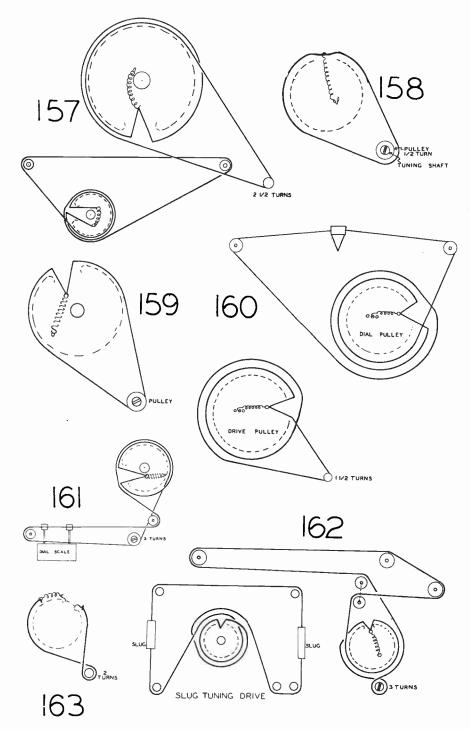


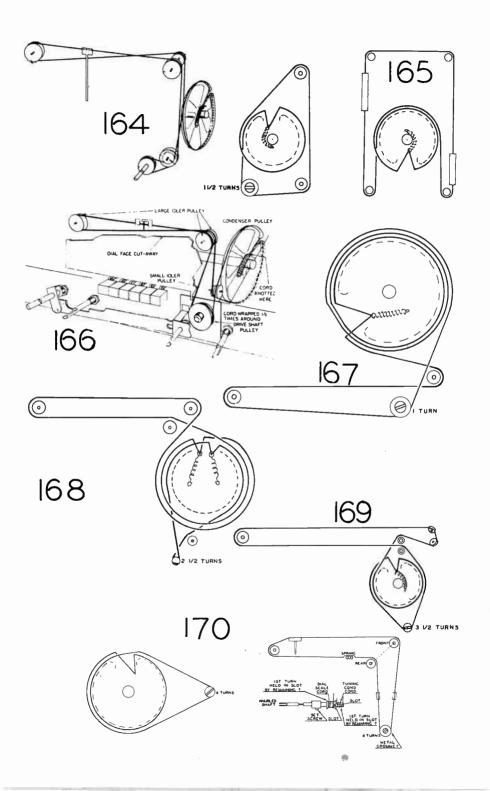


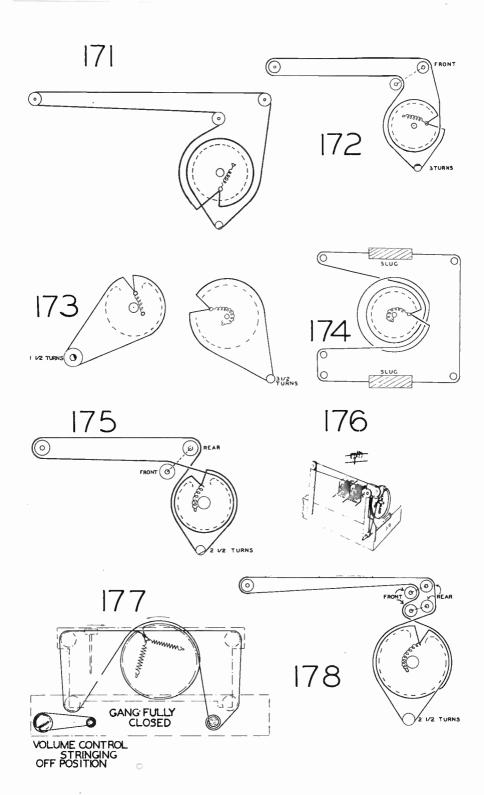


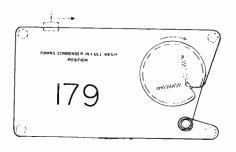


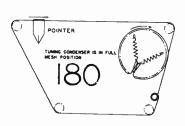
(0)

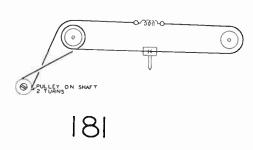


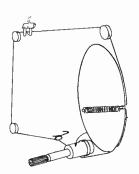


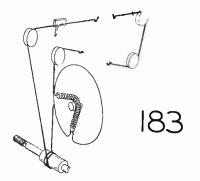


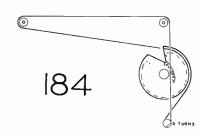


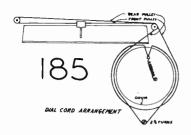


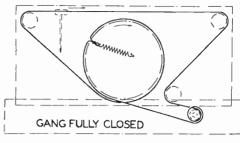


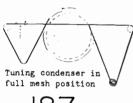




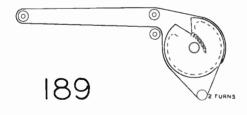


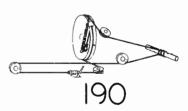




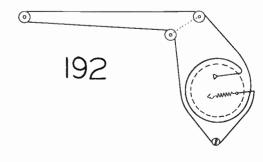


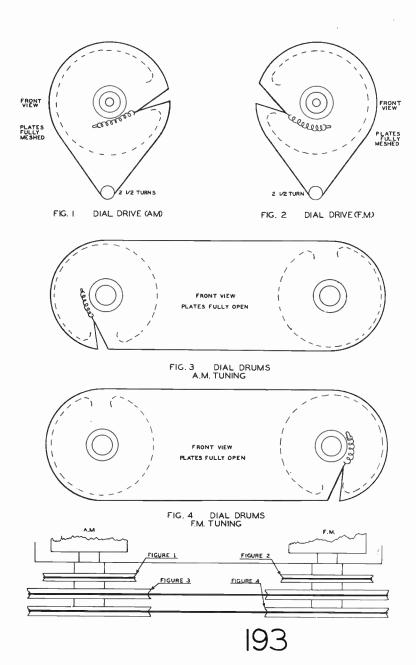


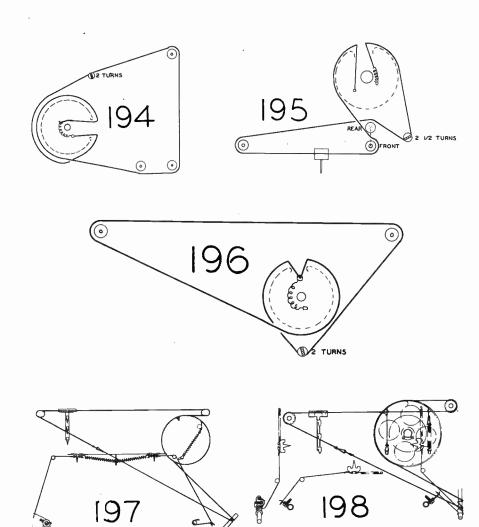


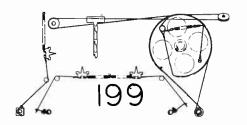


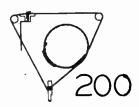


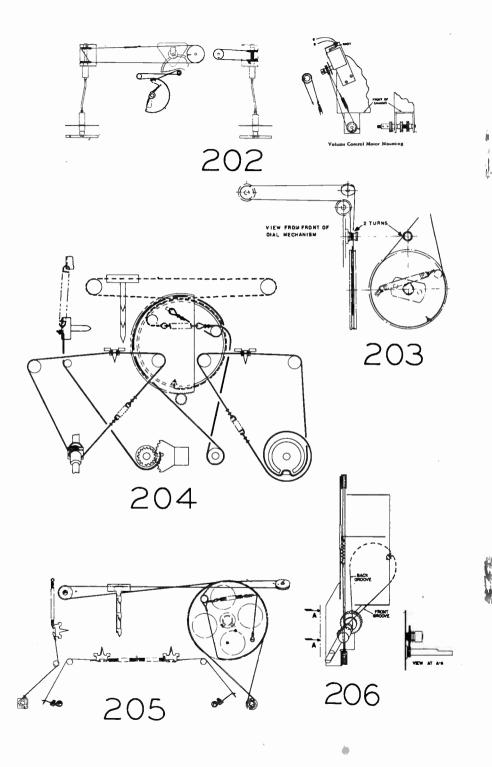


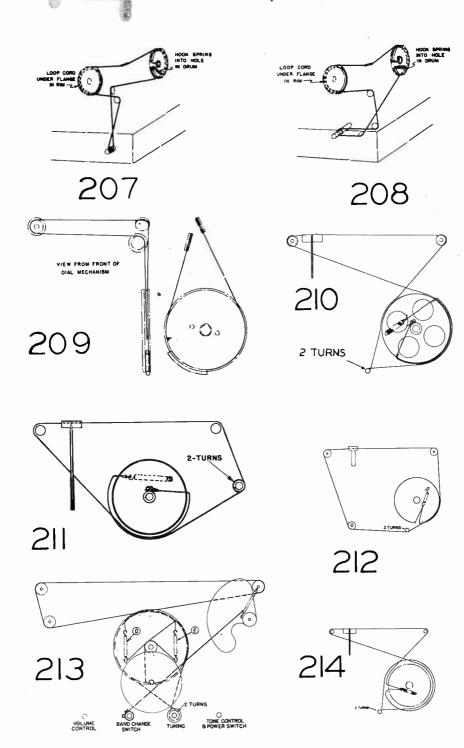


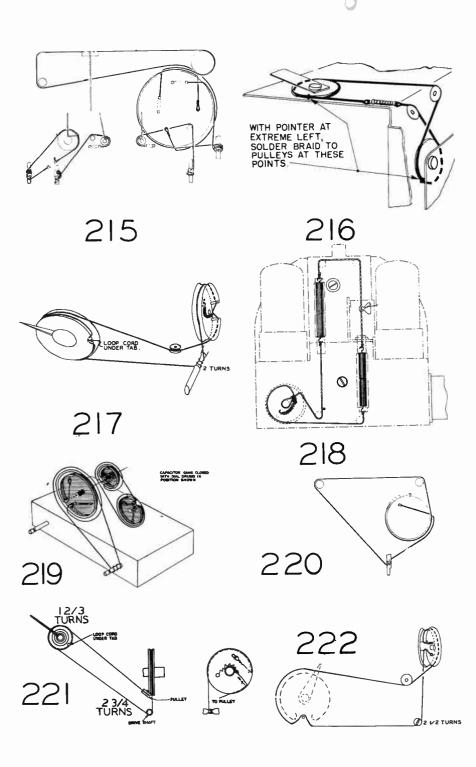


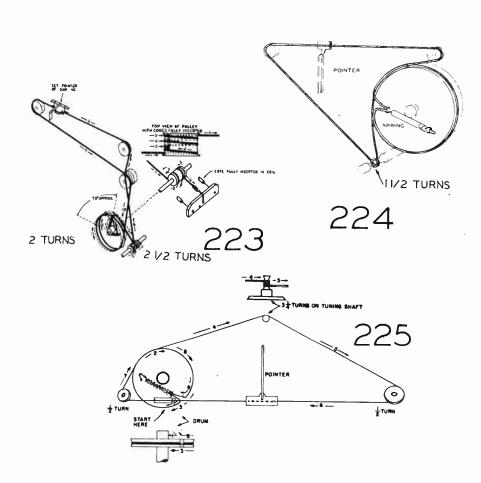


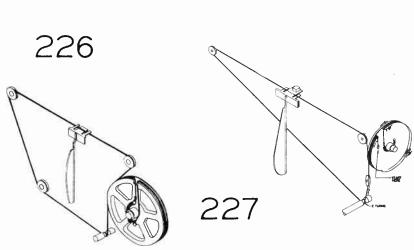


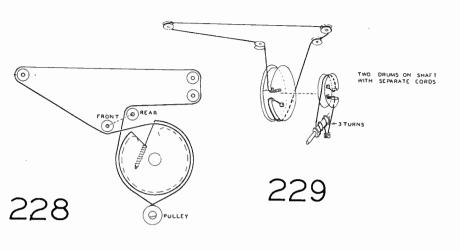


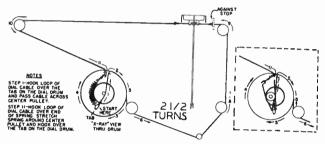


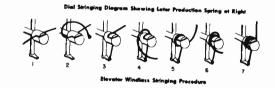


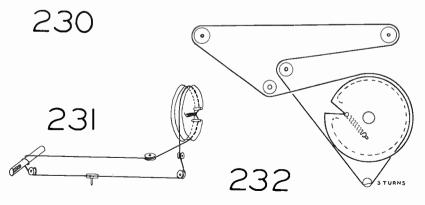


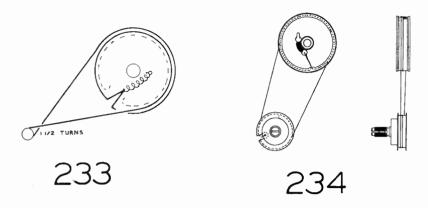


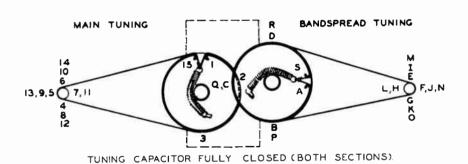


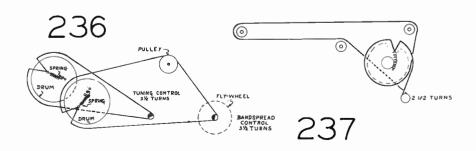


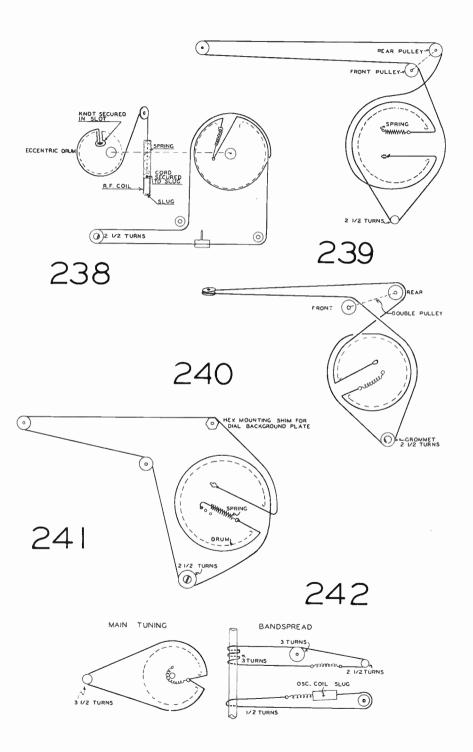


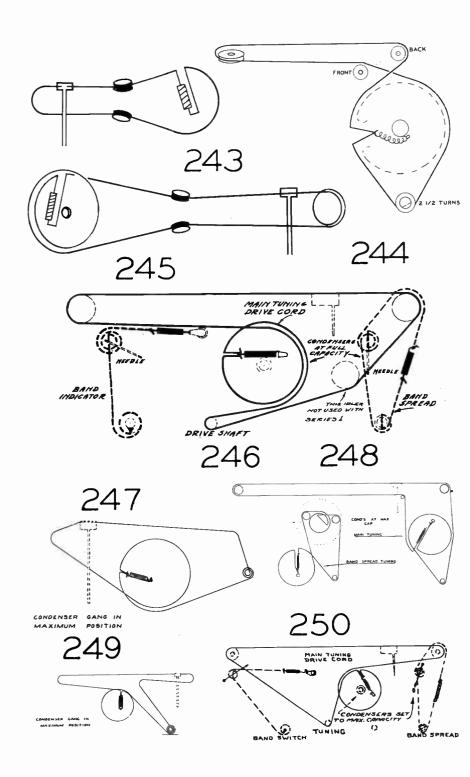


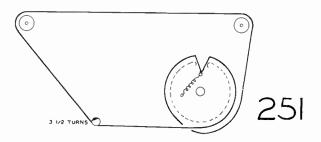


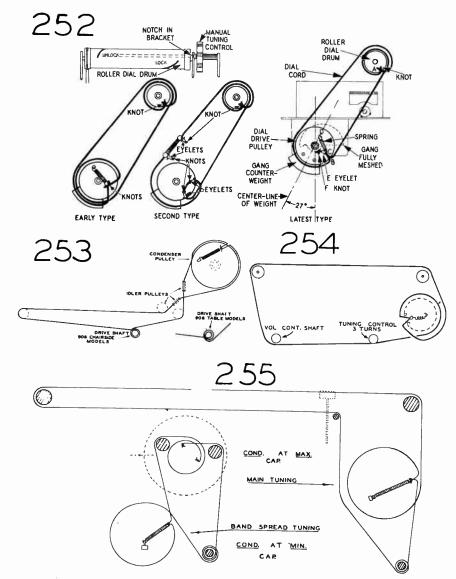


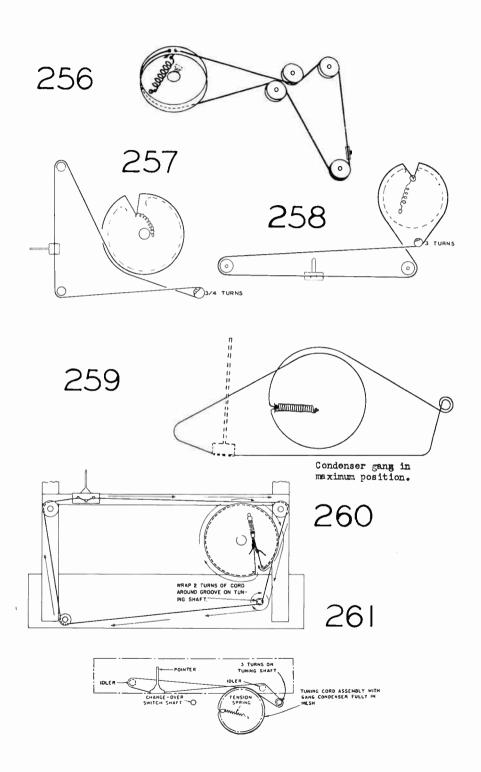


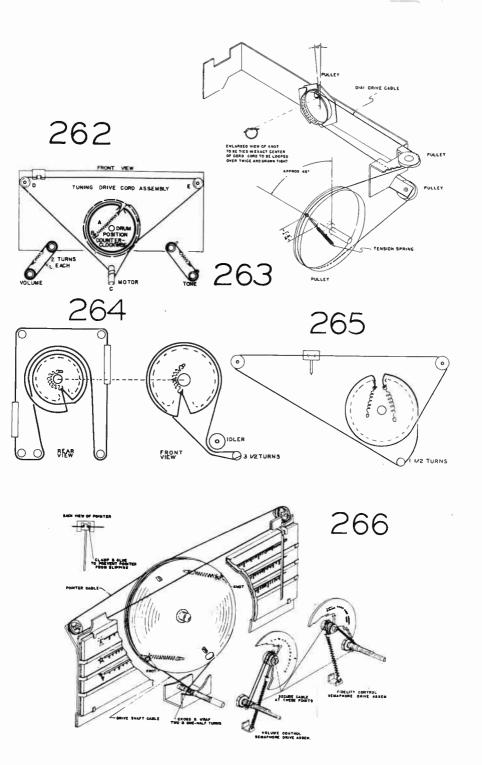


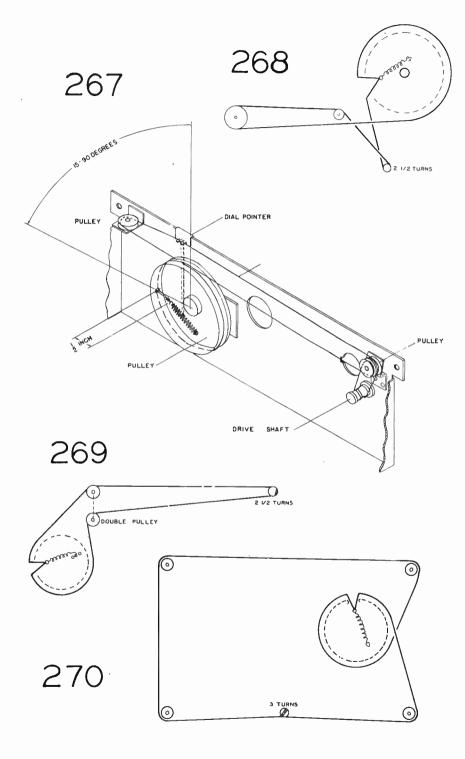


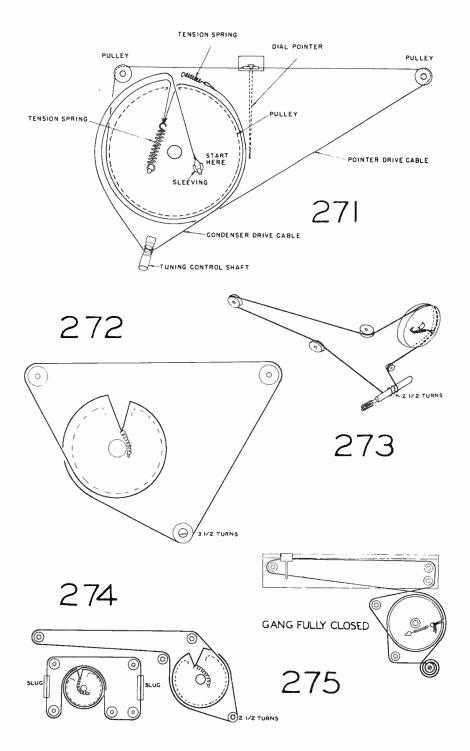


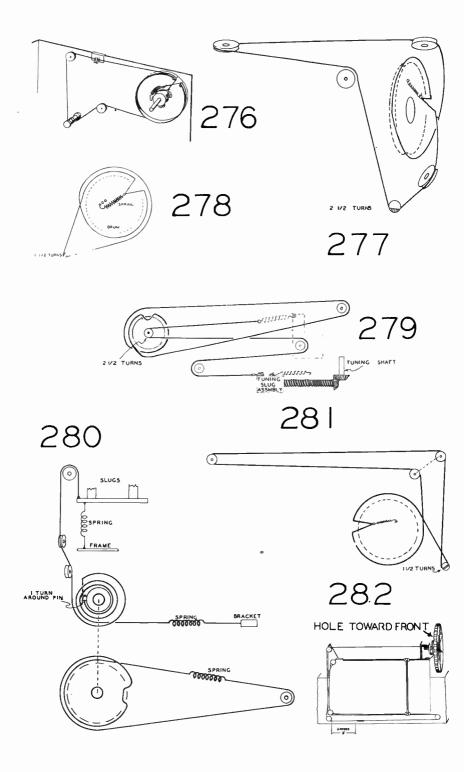


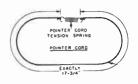


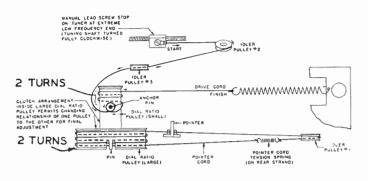




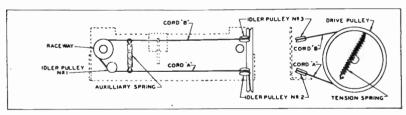










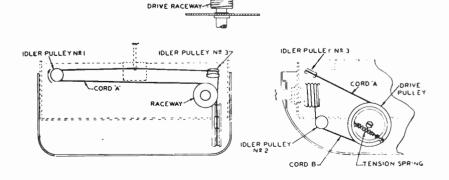


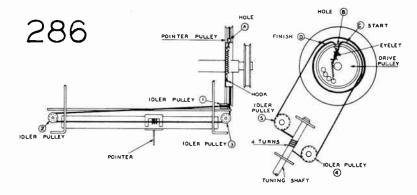
KNOT OR EYELET

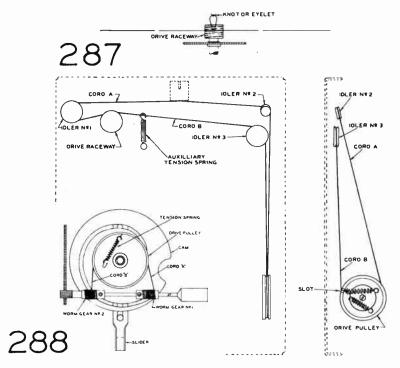
CORD "B"

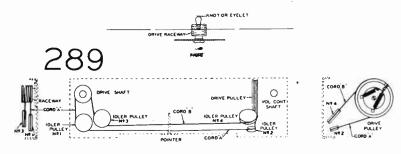
285

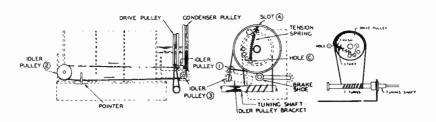
CORD A

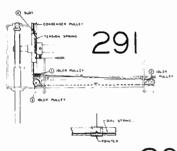




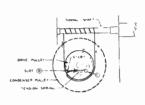


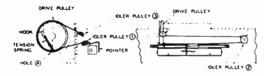




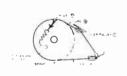




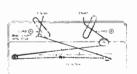


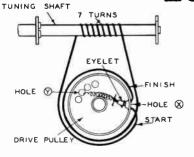


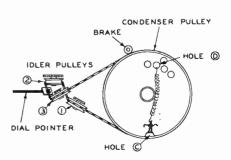


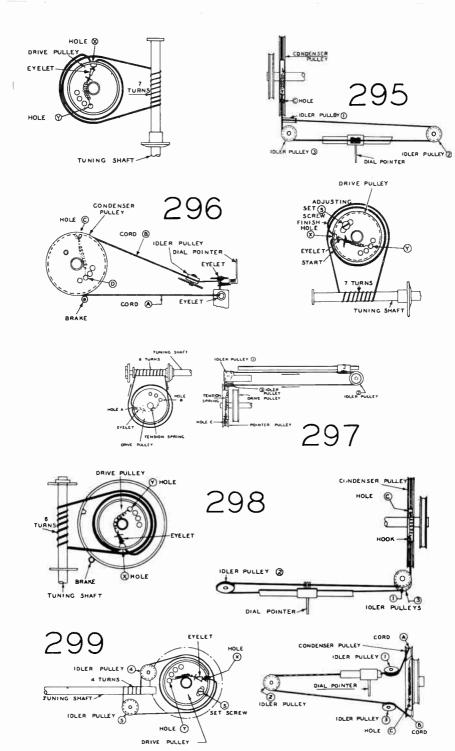


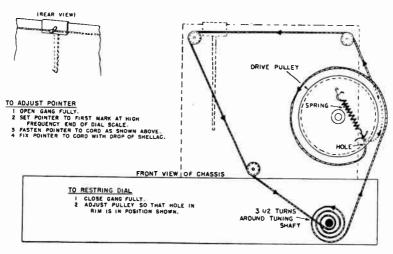


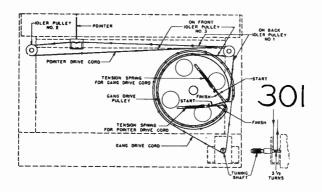


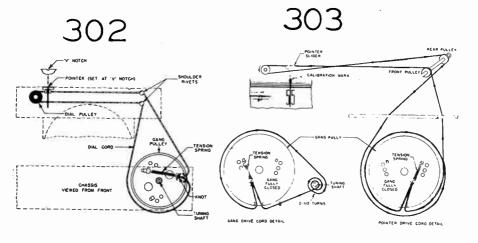


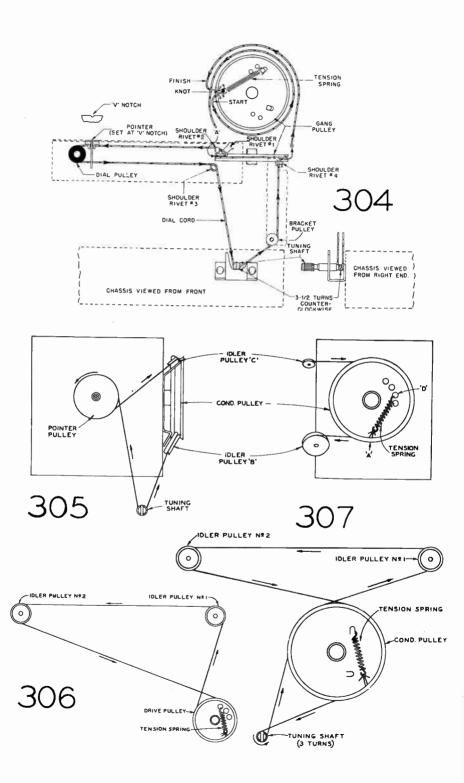


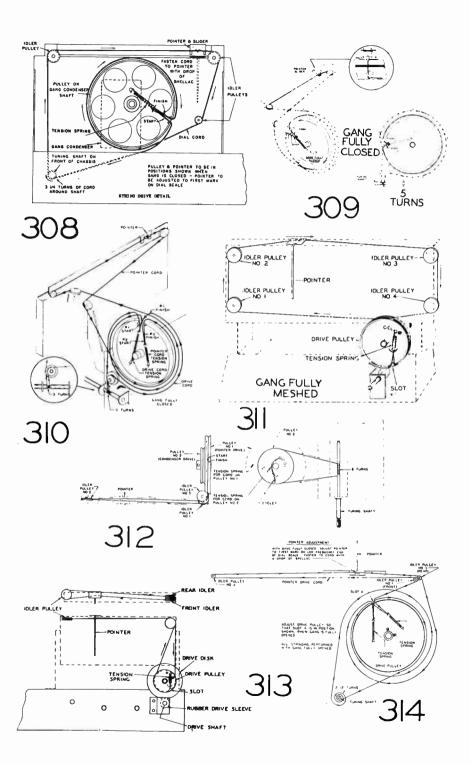


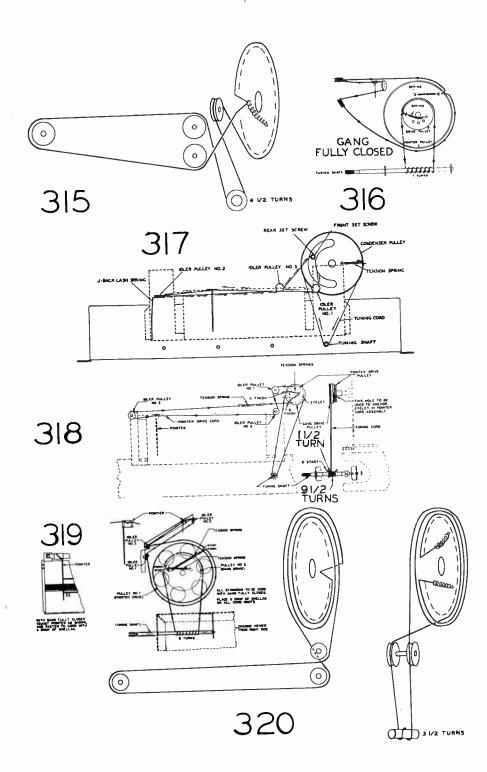


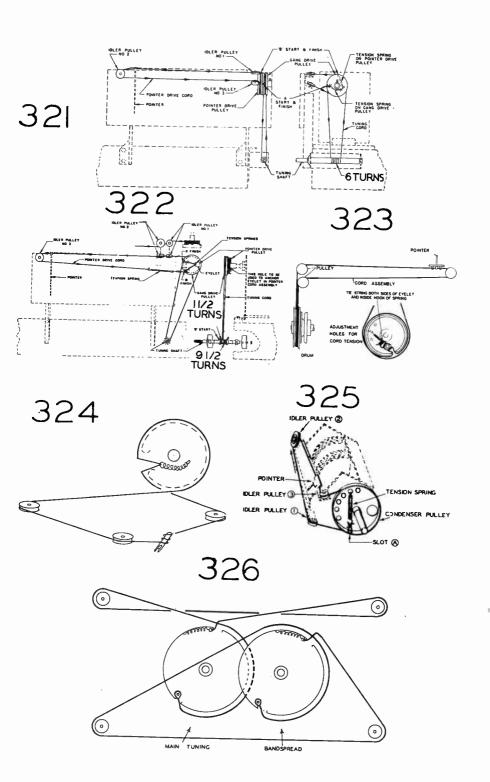


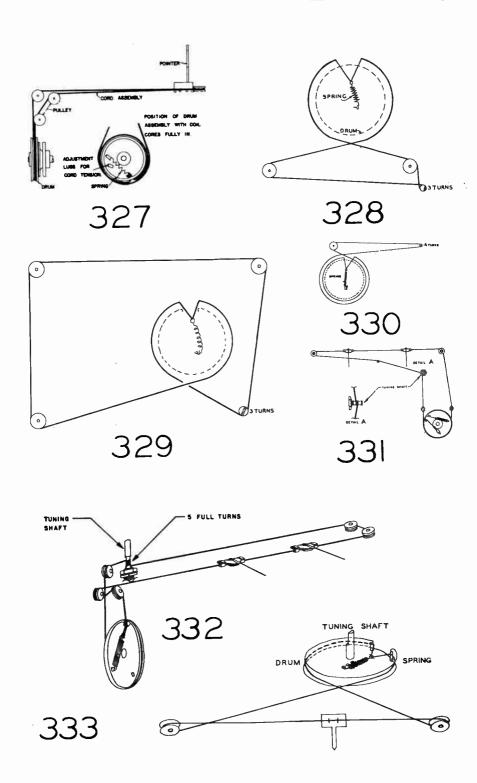


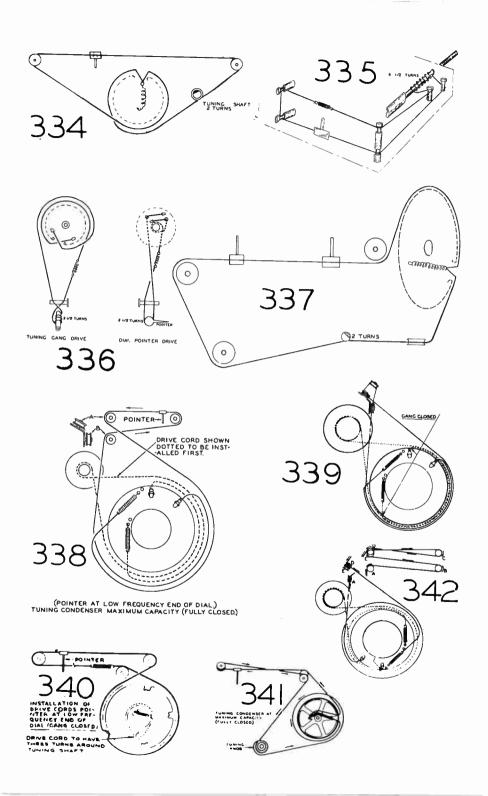


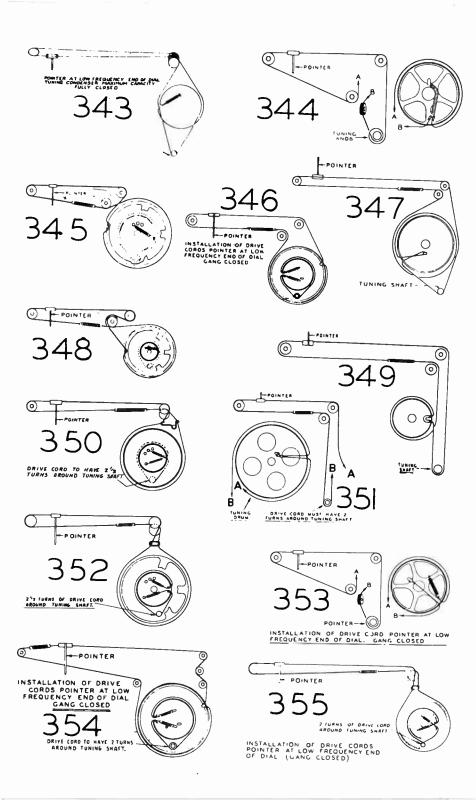


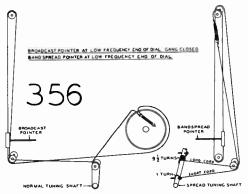


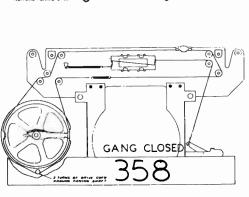






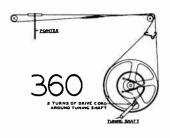




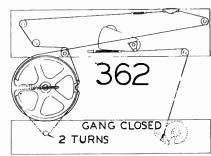


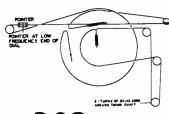


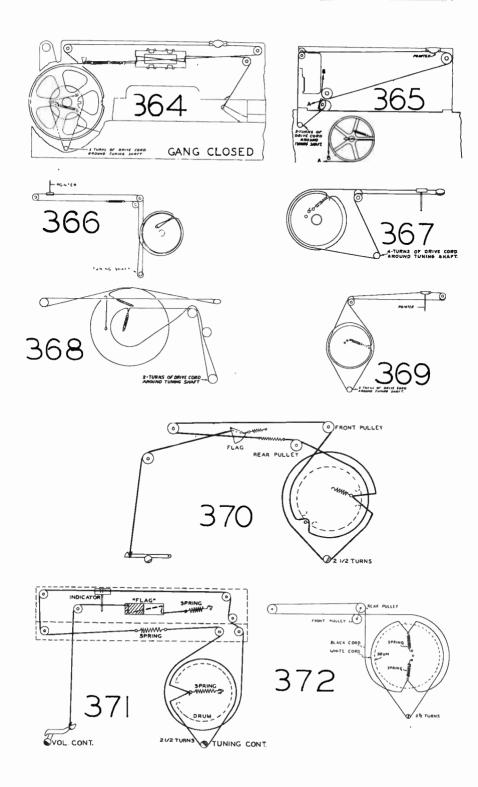


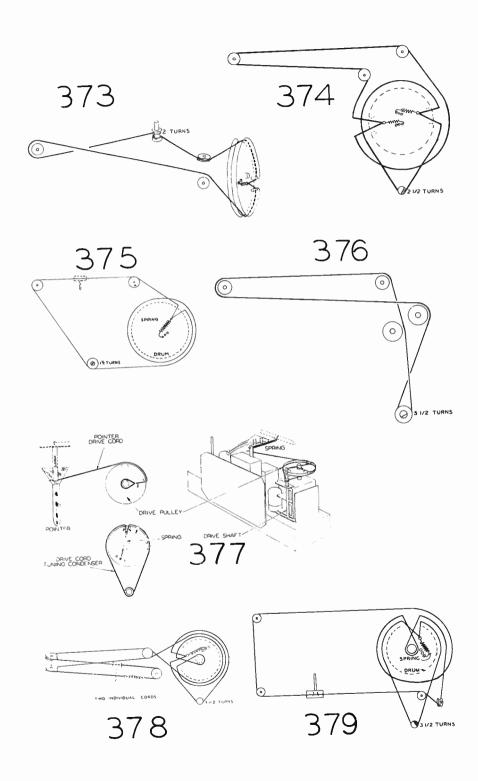


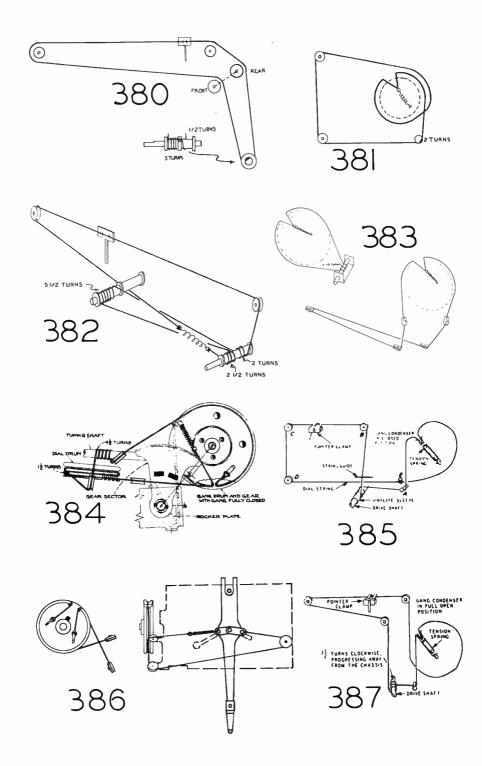


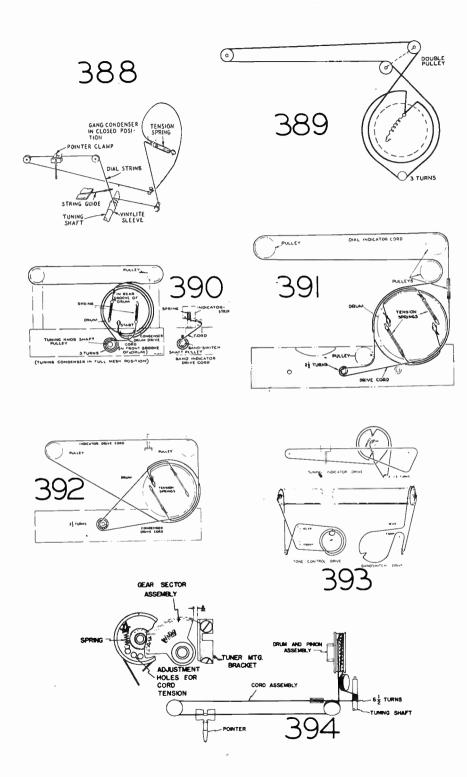


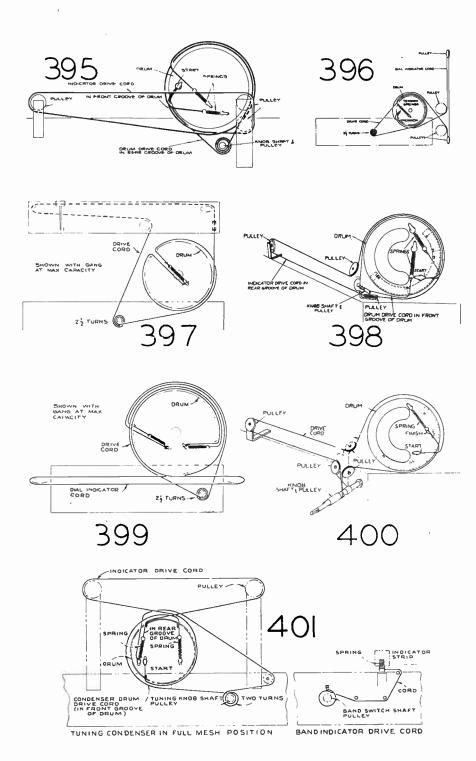


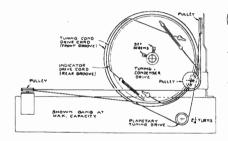


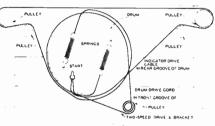


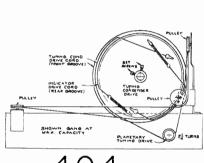


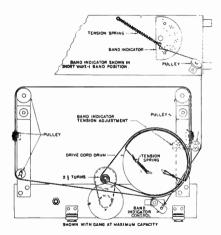


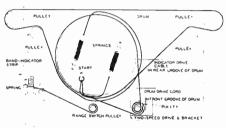




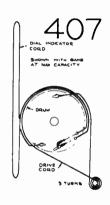


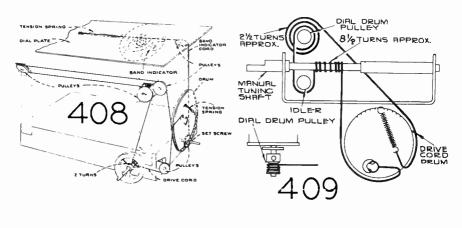


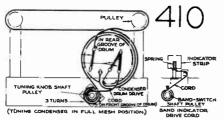


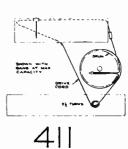


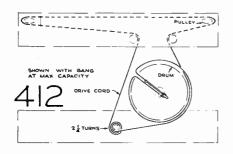
DRUM SHOWN WITH GANG AT WAXINGS CAPACITY

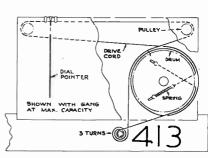


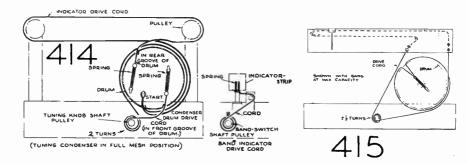


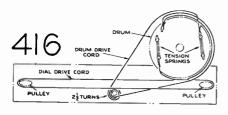


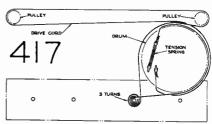


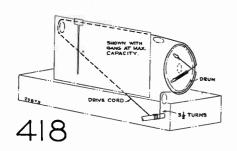


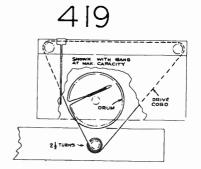


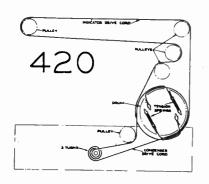


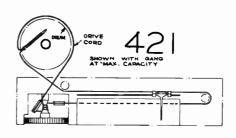


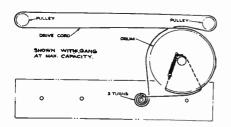


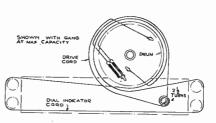


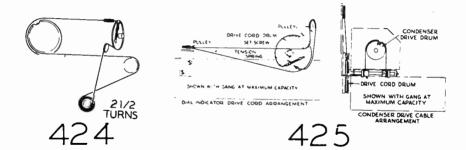


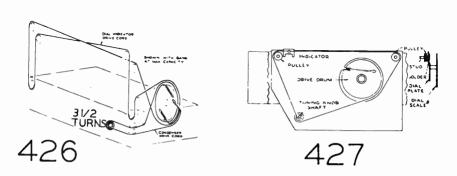


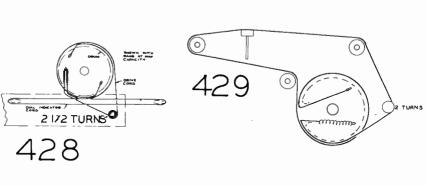


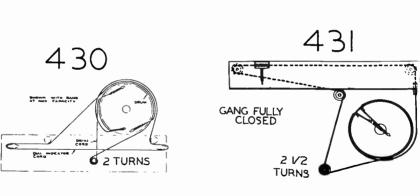


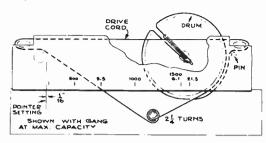


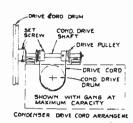


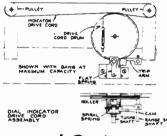






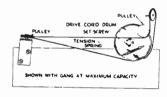


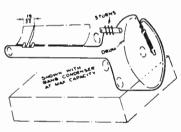


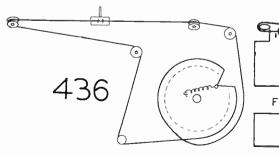


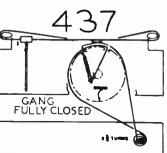
CONDENSES DRIVE ORLM
DRIVE CORD DRUM
SHOWN WITH GAING AT
MARMIMA CARBULTY
CONDENSES DRIVE CABLE
ARRANGEMENT

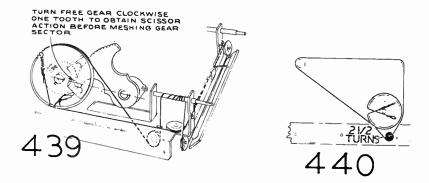


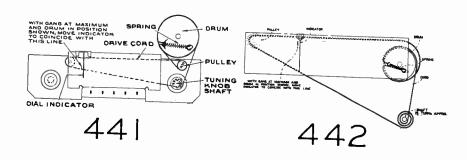


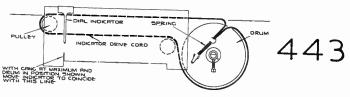


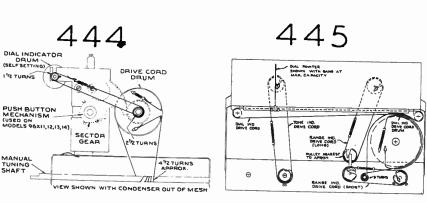


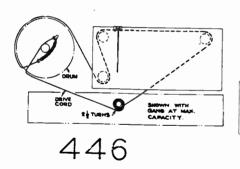


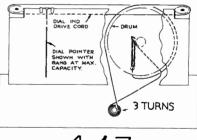


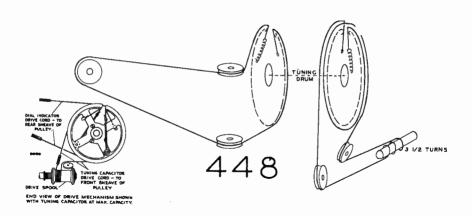


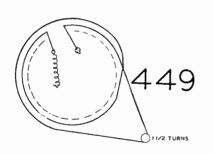


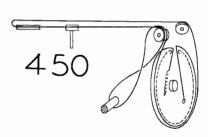


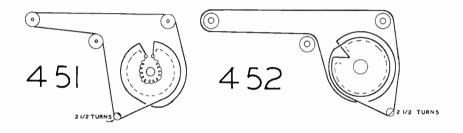


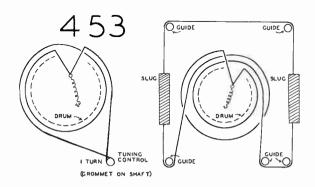


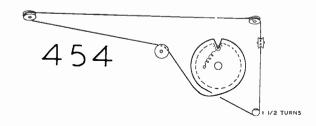


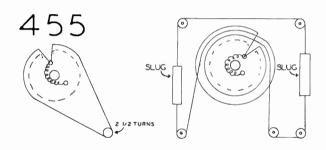


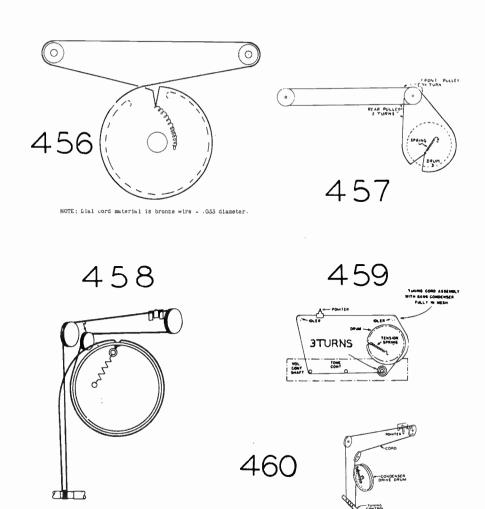


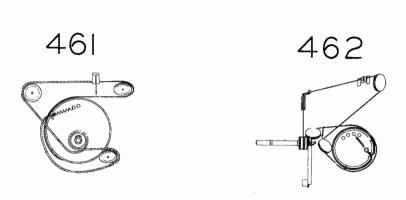


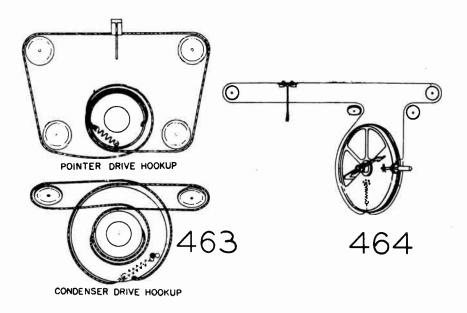


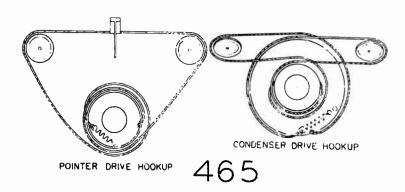


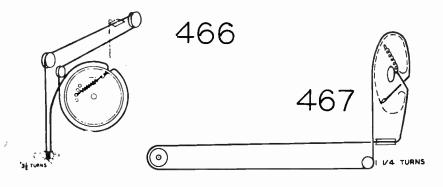


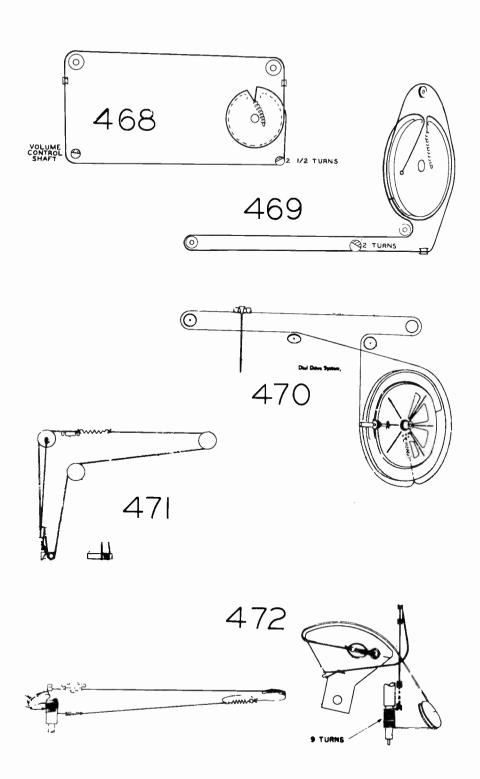


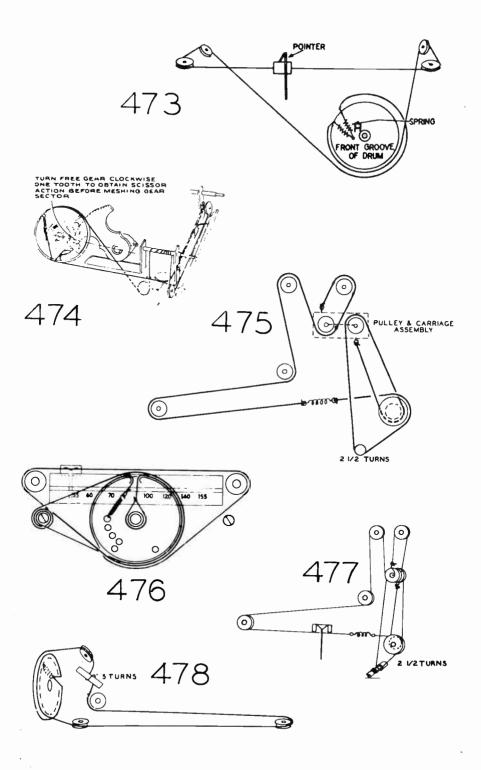


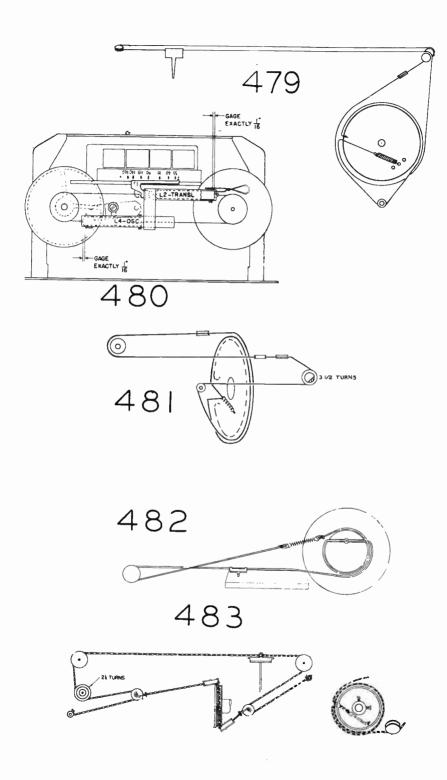


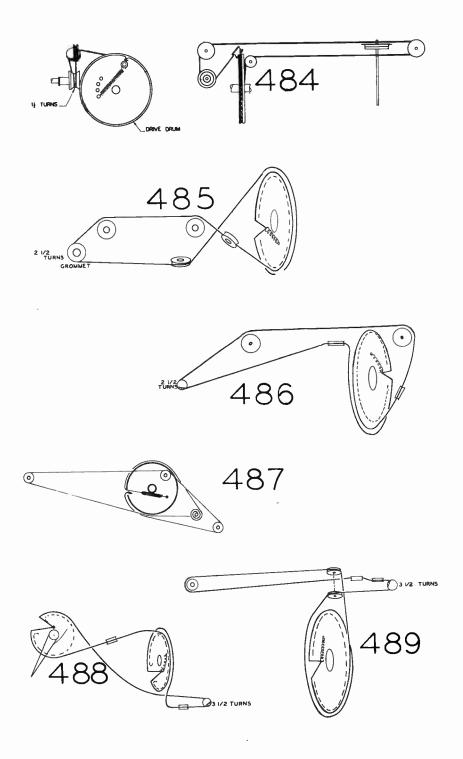


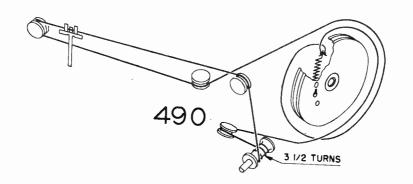


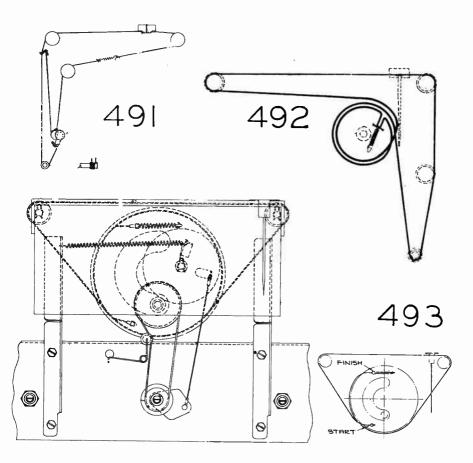


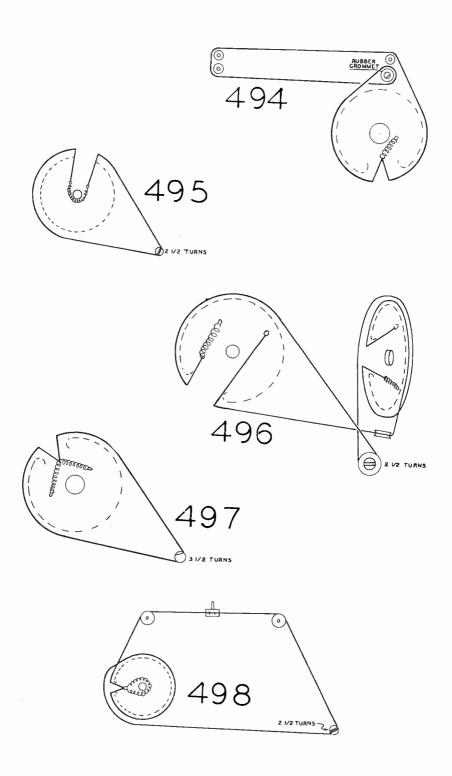


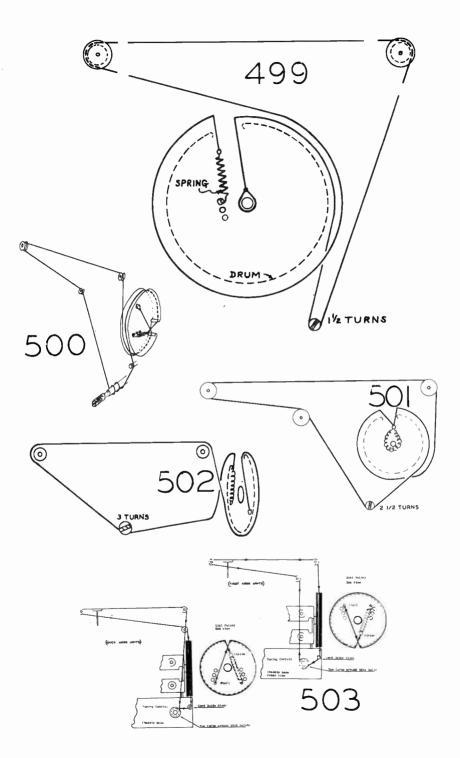


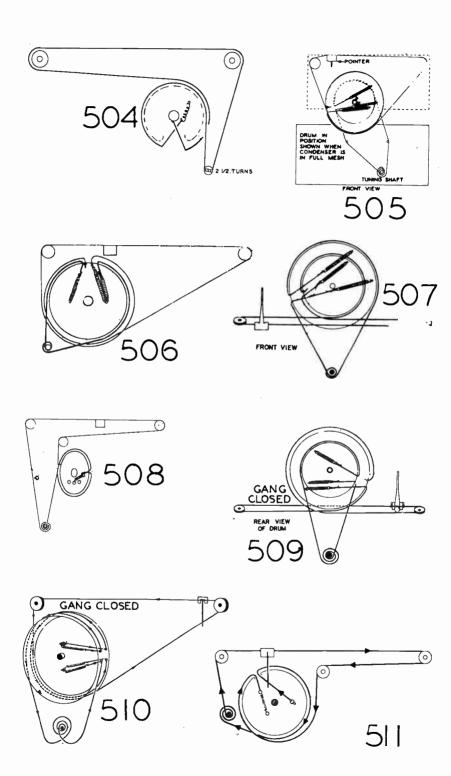


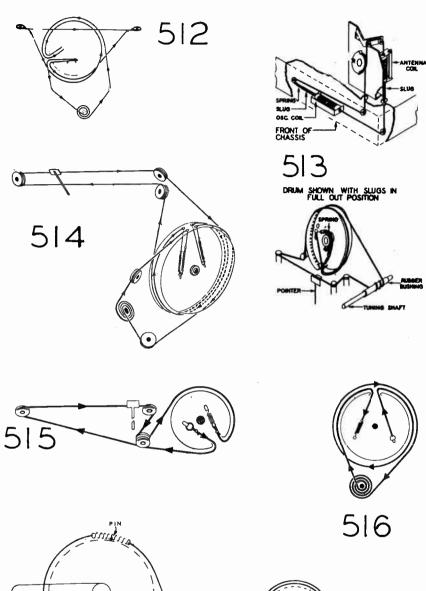


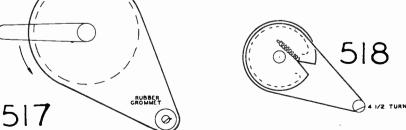


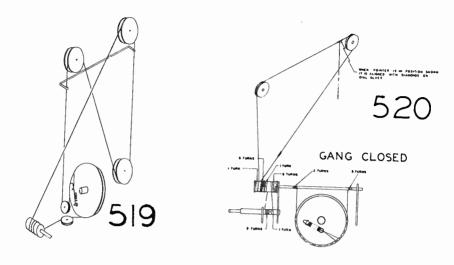


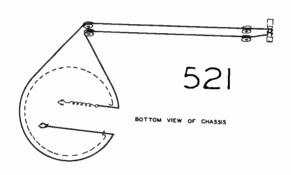


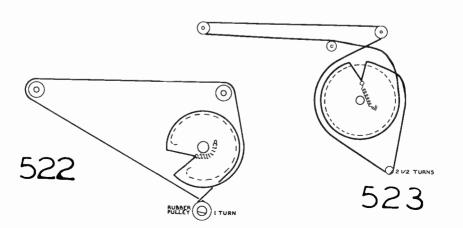


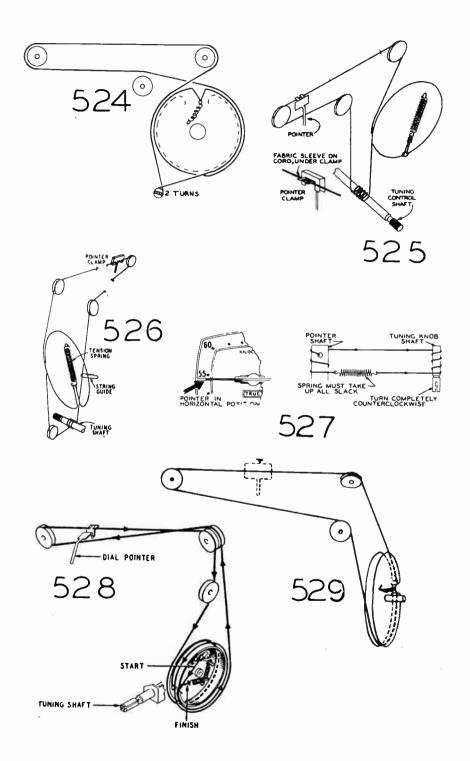


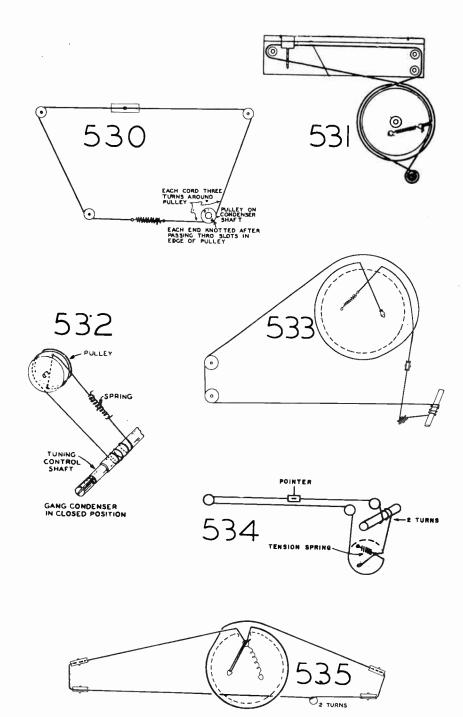


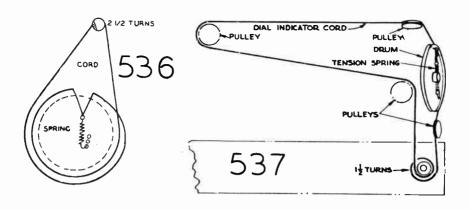


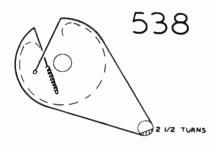


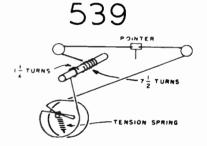












WITH CONDENSERS FULLY MESHED, AND DRUM IN POSITION SHOWN, INDICATOR SHOULD COINSIDE WITH THIS LINE.

