

CHICAGO

COIN

WORLD SERIES

(MODEL 433)

PARTS CATALOG

CHICAGO DYNAMIC INDUSTRIES, INC.

1725 DIVERSEY BOULEVARD CHICAGO, ILLINOIS 60614 PHONE (312) 935-4600

INTRODUCTION & WARRANTY

INTRODUCTION

THIS PARTS CATALOG HAS BEEN COMPILED TO HELP THE SERVICEMAN IN SELECTING THE PARTS NECESSARY FOR PROPER MAINTENANCE OF CHICAGO COIN GAMES.

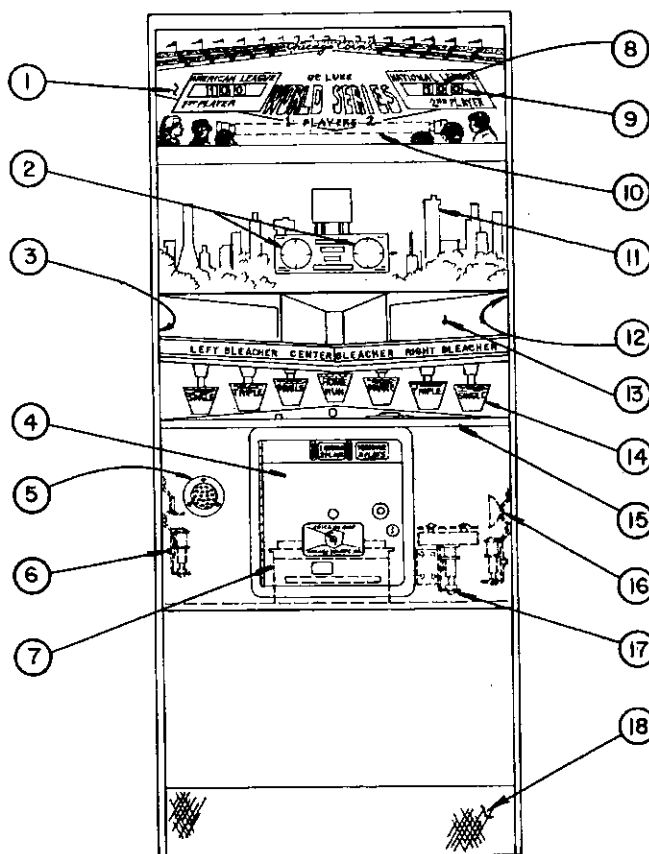
WHEN ORDERING PARTS ALWAYS SPECIFY NAME OF UNIT, PART NUMBERS AND A DESCRIPTION OF THE PART AS SHOWN IN THIS CATALOG.

WARRANTY

CHICAGO COIN WARRANTS THE AMPLIFIER AND SOUND UNIT MODULES TO BE FREE FROM DEFECTS IN MATERIAL ARISING FROM NORMAL USAGE FOR ONE YEAR, AND ALL MOTORS FOR 6 MONTHS FROM DATE OF ORIGINAL CONSUMER PURCHASE. WARRANTY COVERS REPLACEMENT OR REPAIR OF THESE MODULES OR MOTORS THROUGH AN AUTHORIZED CHICAGO COIN DISTRIBUTOR.

TRANSPORTATION CHARGES ARE THE OBLIGATION OF OWNER.

FRONT OF CABINET

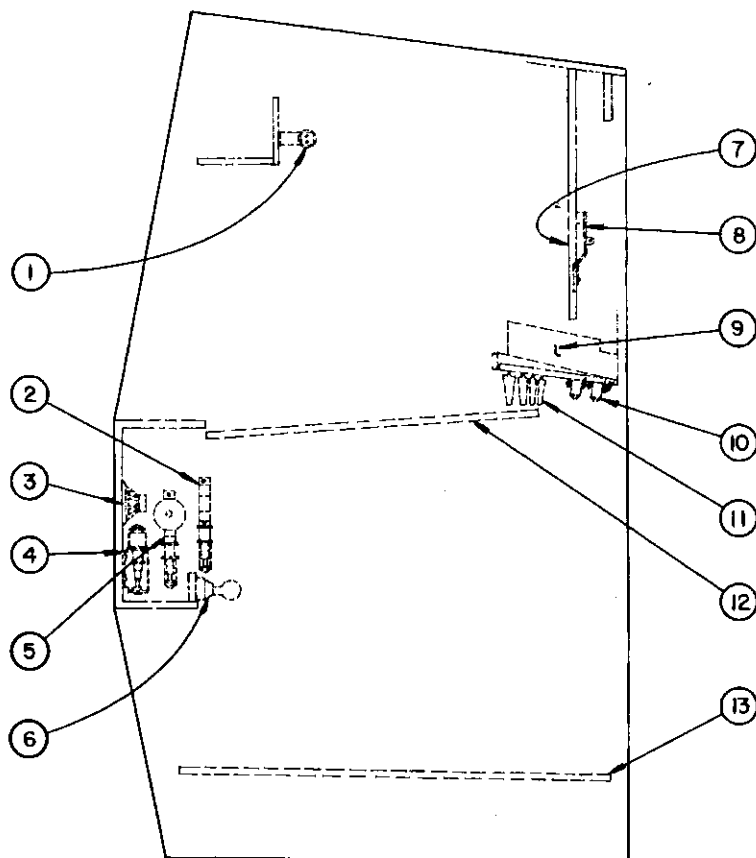


ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	433-350	BACK RACK GLASS (3/16" x 28" x 33")	8	500E-2575	10-90 SCORE DRUM (SEE PAGES 20 & 31)
2	433-2504	SCORE BOARD TARGET ASS'Y (SEE PAGE 15)	9	500E-2570	1-9 SCORE DRUM (SEE PAGES 20 & 31)
3	433-302-L	LEFT POSTER BOARD SCENERY	10		FLUORESCENT LITE ASS'Y (SEE PAGE 25)
4	382-2505-X	FRONT DOOR ASS'Y (SEE PAGES 4 & 5)	11	433-302-B	BACK POSTER BOARD SCENERY
5	404-311	2-1/4" SPEAKER (8 OHM $\pm$ 10%)	12	433-302-R	RIGHT POSTER BOARD SCENERY
	404-520	SPEAKER MTG. STRAPS	13		BLEACHERS ASS'Y (SEE PAGE 14)
	421-509	2-1/2" SPEAKER GRILL	14		TARGETS ASS'Y (SEE PAGE 15)
	291-533	ESCUTCHEON PLATE	15		CONTROL PANEL (SEE PAGE 7)
6	295-2538	KNOCKER ASS'Y (SEE PAGE 27)	16	295-2541	BELL ASS'Y (SEE PAGE 27)
7	378-501	CASH BOX	17	353-2520-1B	1 TONE CHIME ASS'Y (SEE PAGE 26)
	378-502-B-C	CASH BOX COVER	18	421-512	KICK PLATE

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

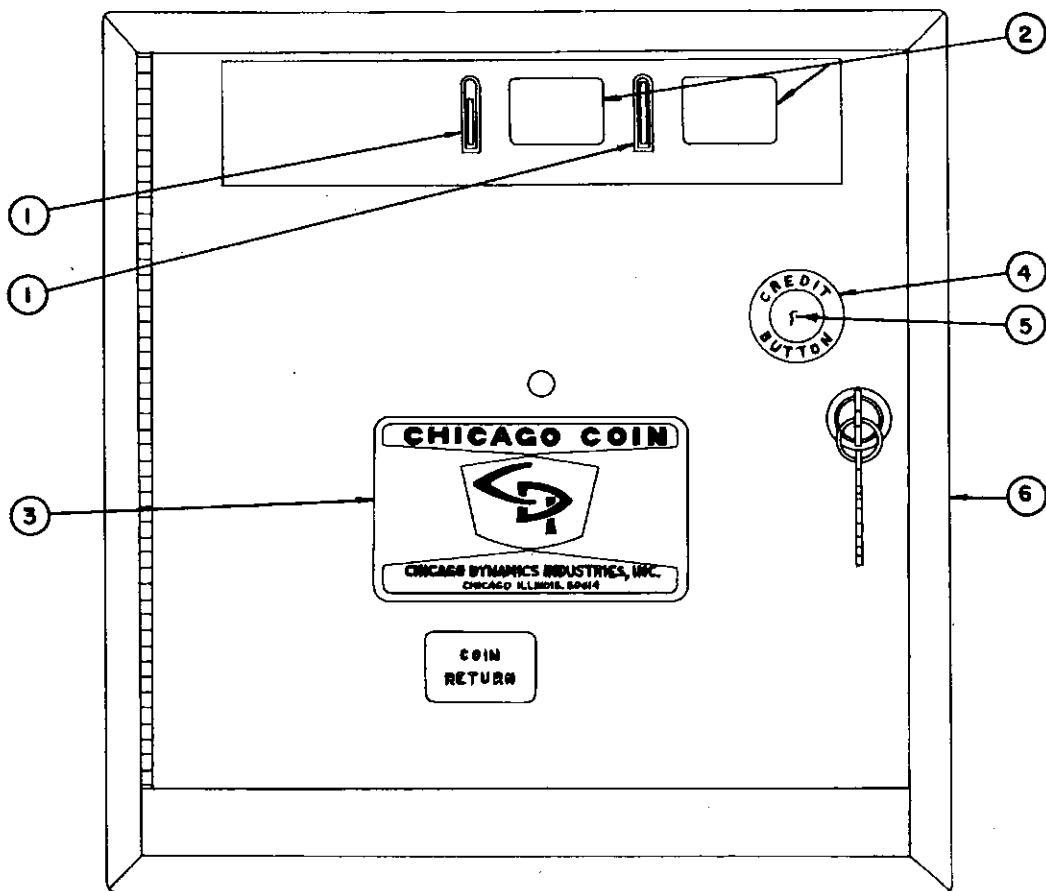
SIDE OF CABINET



<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1		FLUORESCENT LITE ASS'Y (SEE PAGE 25)	8	433-2504	SCORE BOARD TARGET ASS'Y
2	295-2539	KNOCKER ASS'Y (SEE PAGE 27)	9		BLEACHER ASS'Y (SEE PAGE 14)
3	404-311	2-1/4" SPEAKER	10	216-519	SMALL WIRE FORM HINGE BRACKET
	404-520	SPEAKER MTG. STRAPS		218-537	WIRE FORM RETAINER BRACKET
	421-509	SPEAKER GRILL		334-901	WIRE FORM
	291-533	ESCUTCHEON PLATE		139-510-B	FINGER STOP
4	353-2520-1B	1 TONE CHIME ASS'Y (SEE PAGE 26)	11		TARGET ASSEMBLIES (SEE PAGE 15)
5	295-2541	BELL ASS'Y (SEE PAGE 27)	12		UNDERSIDE OF PLAYFIELD (SEE PAGE 8)
6	#5235	TWO PIECE RECEPTACLE	13		SUB-PANEL (SEE PAGE 12)
	#5114	40 WATT BULB			
7	421-308	SCORE BOARD TARGET SHIELD			

CHICAGO DYNAMIC INDUSTRIES
PARTS CATALOG

CASH COMPARTMENT

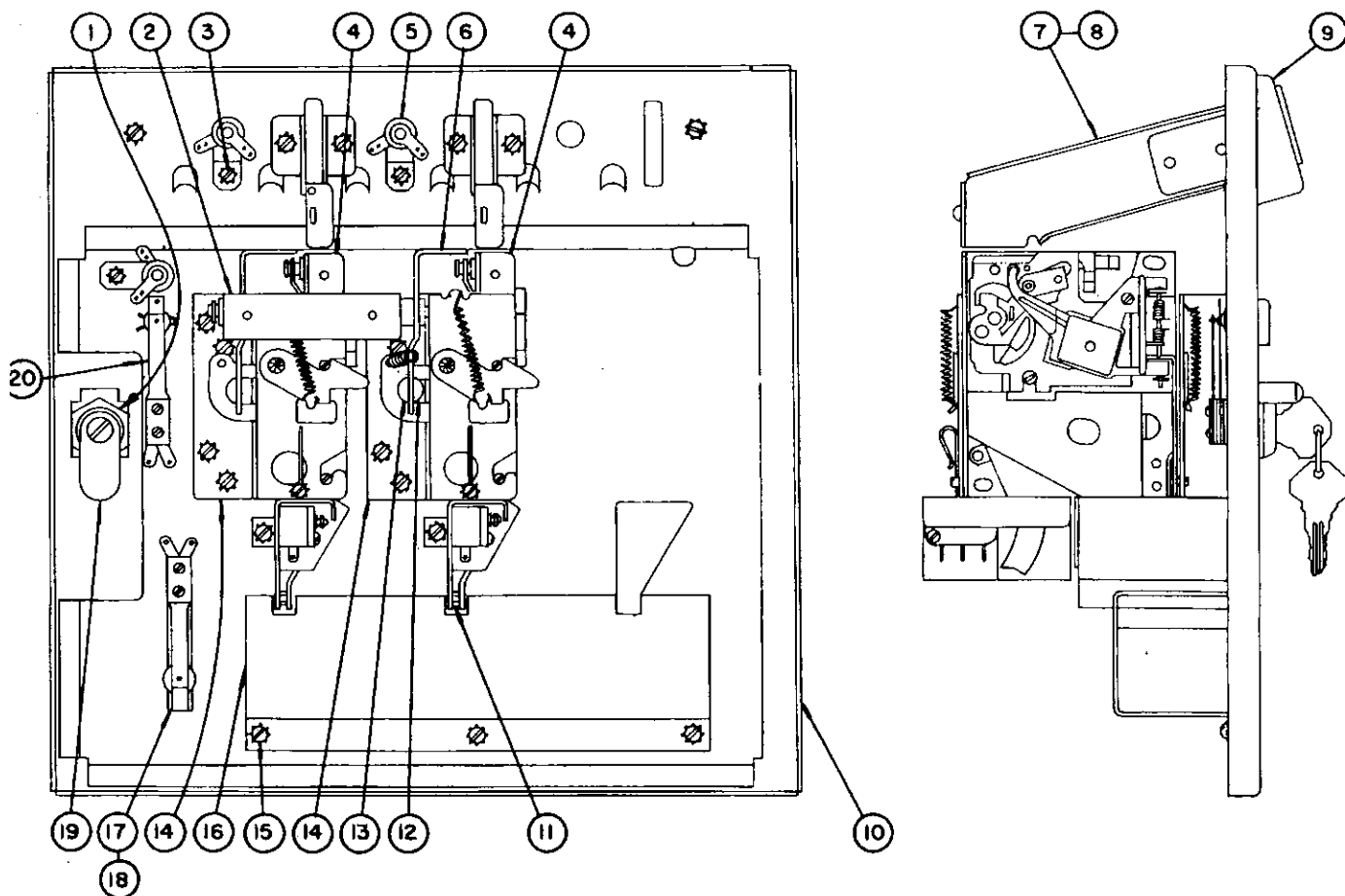


ITEM	PART NO.	DESCRIPTION
1	382-800	COIN ENTRY MOLDING (SEE PAGE 30)
2		COIN DENOMINATION WINDOW (SEE PAGE 30)
3	#6883	C.D.I. DECAL
4	354-305	CREDIT DECAL
5	382-1500-R	CREDIT BUTTON
6	384-2502	FRONT DOOR FRAME ASS'Y

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

CASH COMPARTMENT DOOR



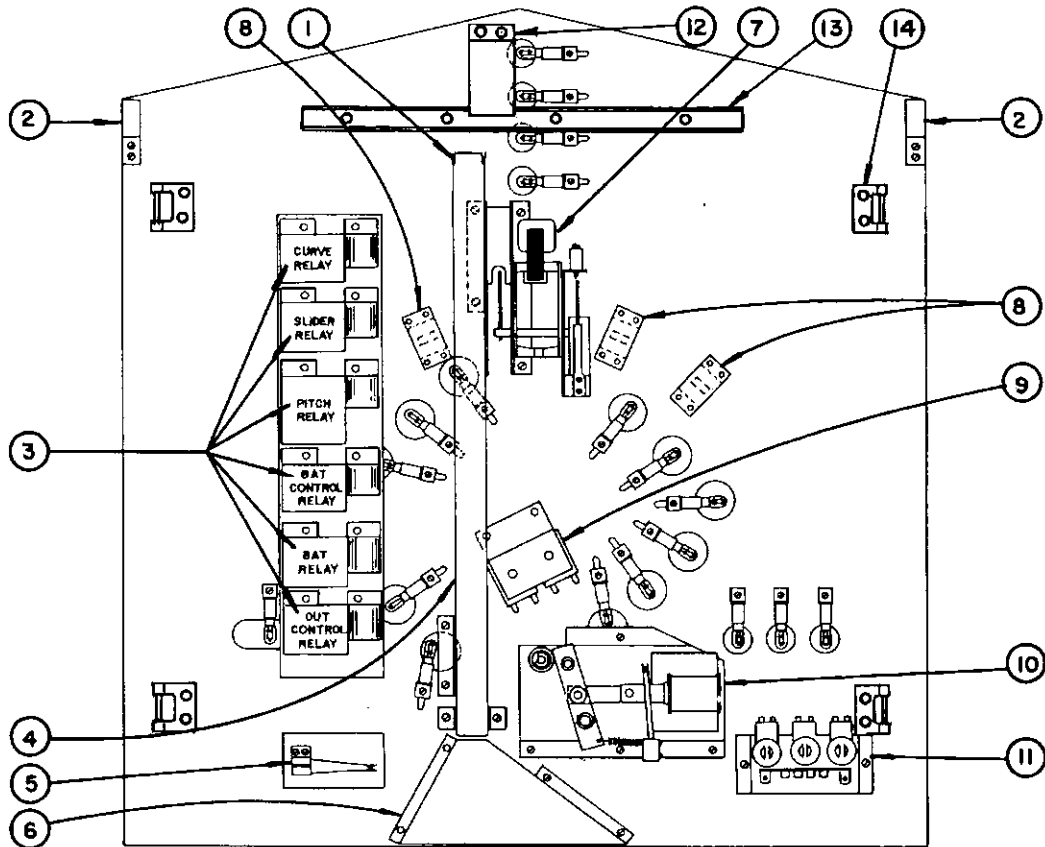
ITEM	PART NO.	DESCRIPTION
1	246-551	LOCK PLATE
2	326-521	REJECTOR BRACKET
3		#6-32 x 1/4 LG. SEMS UNIT
4	#6801-C	25¢ COIN ACCEPTOR INSERT
5	#5266	BAYONET SOCKET
	#5112	BULB
6	326-2510	REJECTOR ARM & BUSHING ASS'Y
	#5303	WASHER
	#6722-18	RETAINING RING
7	382-2501	COIN GUIDE ASSEMBLY
8	382-2502-A	COIN GUIDE COVER ASS'Y
9	382-2504-B-C	COIN WINDOW BRACKET ASS'Y
10	382-2507-X	FRONT DOOR & CHUTE MTG. BRKT. ASS'Y
11	333-2528	REJECTED COIN CONCUR FUNNEL ASS'Y

ITEM	PART NO.	DESCRIPTION
12	326-1505	REJECTOR ROD
13	#6828-37	RETAINING RING
14	333-2531-C	HOUSING, MICRO SW. ASS'Y
	326-2522	HOUSING SHELL ASS'Y
15		#8-32 x 1/4 LG. SEMS UNIT
16	326-2527	COIN RETURN HOUSING ASS'Y
17	#220	SWITCH ASSEMBLY
18	326-544-A	ANTI-GROUNDING FINGER
19	#6877-A	LOCK CAM
	#6719	LOCK
20	#362	SWITCH ASSEMBLY

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

UNDERSIDE OF PLAYFIELD

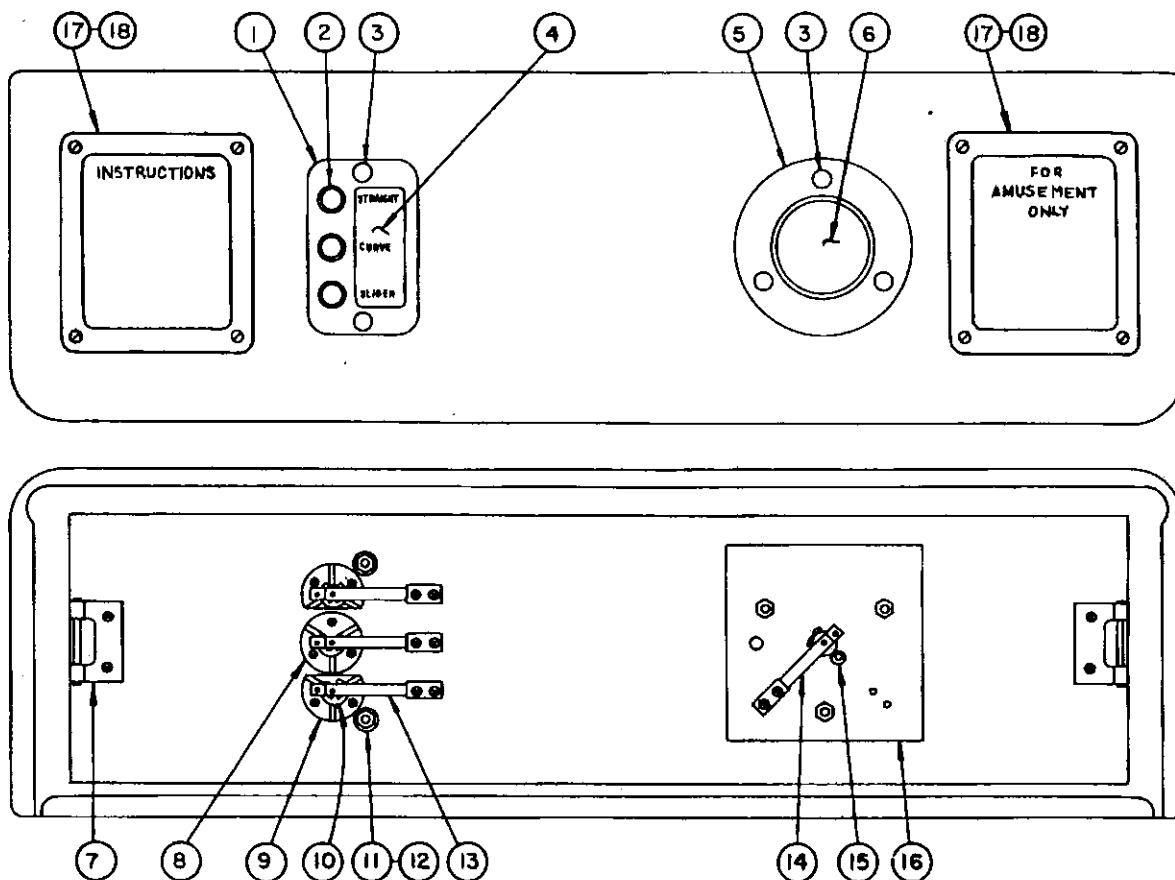


ITEM	PART NO.	DESCRIPTION
1	421-2503	CENTER BALL RETURN TROUGH
2	421-513	PLAYFIELD SLIDE BRACKET
3		FOR ALL THESE RELAYS SEE PAGES 28 & 29
4	421-2501	MAIN BALL RETURN TROUGH
5	344-304	AUTOMATIC EMERGENCY PITCH RELEASE
6	421-2515	BOTTOM BALL RETURN TROUGH
7	421-2511	PITCHING UNIT ASS'Y (SEE PAGES 8 & 9)
8	421-2514	BALL RAMP & BRACKET ASS'Y
8		PITCH VARIATION COIL ASS'Y (SEE PAGE 25)
10	421-2510	BATTING UNIT ASS'Y (SEE PAGE 10)
11	183-2524	BAT SPEED CONTROL UNIT (SEE PAGE 25)
12	433-504	LIGHT GUARD
13	421-526	PLAYFIELD REINFORCEMENT CHANNEL
14	354-304	MOLDING LATCH

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

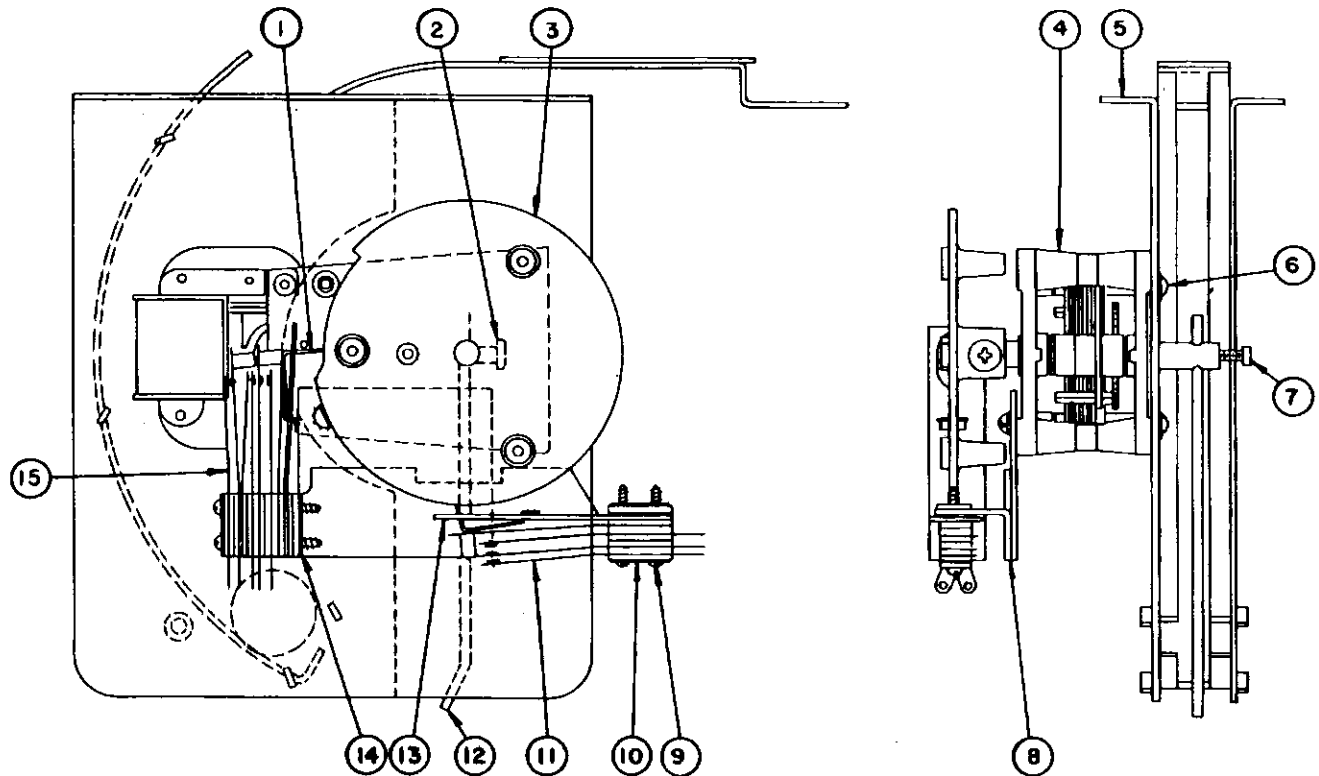
CONTROL PANEL



ITEM	PART NO.	DESCRIPTION
1	371-501	PITCH CONTROL FACE PLATE
2	371-1500	PITCH CONTROL BUTTON
3		#8-32 x 1-1/2 LG. CARRIAGE BOLT
4	334-303	PITCH CONTROL ACETATE
5	291-533	ESCUTCHEON PLATE
6	249-2534-A	CONTROL BUTTON ASS'Y.
7	354-304	MOLDING LATCH
8	#16520	BUTTON BUSHING
9	#16521	BUTTON BUSHING
10	#5330	WASHER
	#6722-25	RETAINING RING
11		#8-32 HEX HD. NUT
12	#5310	WASHER
13	#17	SWITCH ASS'Y.
14	#381	SWITCH ASS'Y.
15	#6753-12	3/32 DIA x 3/4 LG. COTTER PIN
16	354-2502	CONTROL BUTTON MTG. PLATE ASS'Y.
17	406-306	INSTRUCTION CARD WINDOW
18	406-531	INSTRUCTION CARD FRAME

CHICAGO DYNAMIC INDUSTRIES
PARTS CATALOG

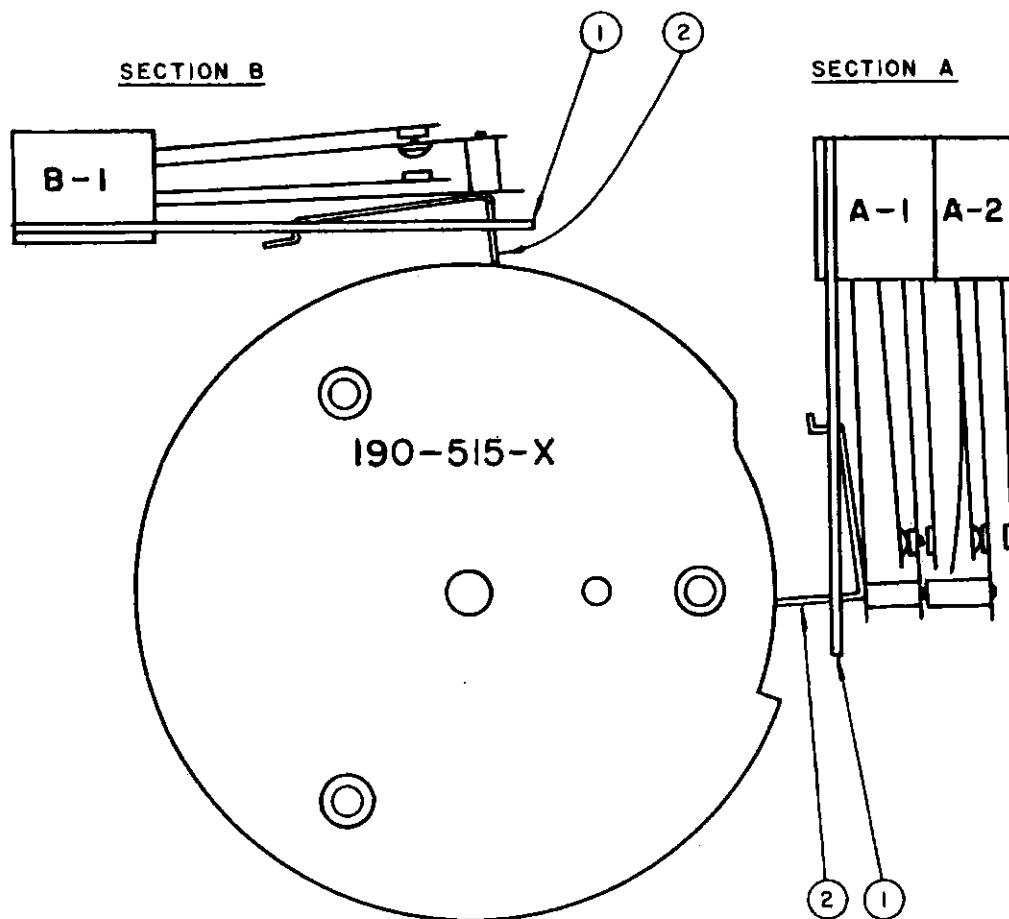
PITCHING UNIT



ITEM	PART NO.	DESCRIPTION
	421-2511	COMPLETE PITCHING UNIT ASS'Y
1	115-508	CAM RIDER
2		#10 x 3/8 LG. TYPE "B" PAN HD. SELF TAPPING SCREW
3	190-515-X	MOTOR CAM
4	#5750-1573	MOTOR
5	334-2501-A	PITCH UNIT SUB-ASSEMBLY
6		#8-32 x 3/8 LG. SEMS UNIT
7		#8-32 x 3/8 LG. CUP POINT SET SCREW
8	334-2507	MOTOR CONTACT BRKT. ASS'Y
9		#4 S.M.S. LENGTH AS REQUIRED
10	#6771	TINNERMAN SPACER
11	#235	SWITCH ASS'Y
12	291-902	BALL PITCHING ARM
13	115-501-F	CAM RIDER PLATE
14	#6770	TINNERMAN NUT
15	#234 & 235	SWITCH ASS'Y
	#6824	13/16" DIA. STEEL BALL

CHICAGO DYNAMIC INDUSTRIES
PARTS CATALOG

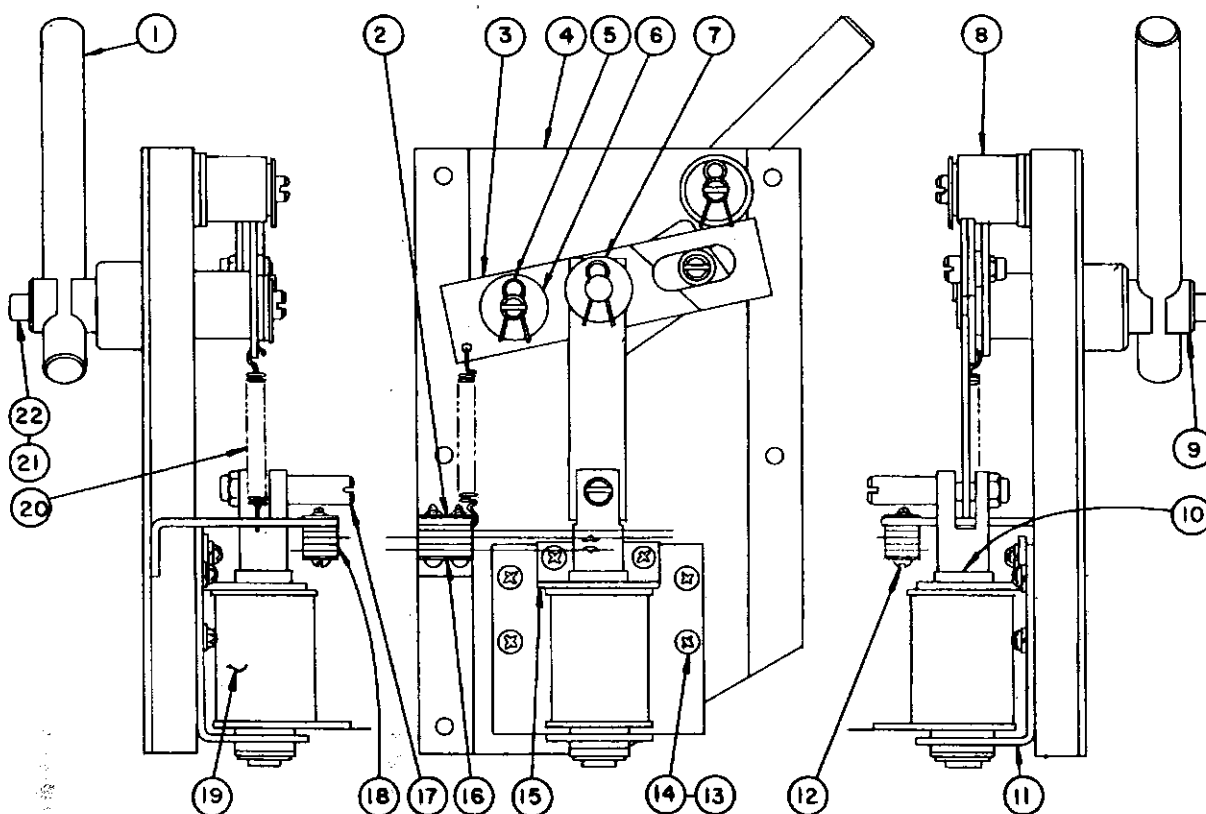
PITCHING UNIT CAM



ITEM	PART NO.	DESCRIPTION
1	115-501-F	CAM RIDER PLATE
2	115-508	CAM RIDER
A-1	#235	SWITCH ASSEMBLY
A-2	#234	SWITCH ASSEMBLY
B-1	#235	SWITCH ASSEMBLY

CHICAGO DYNAMIC INDUSTRIES
PARTS CATALOG

BATTING UNIT

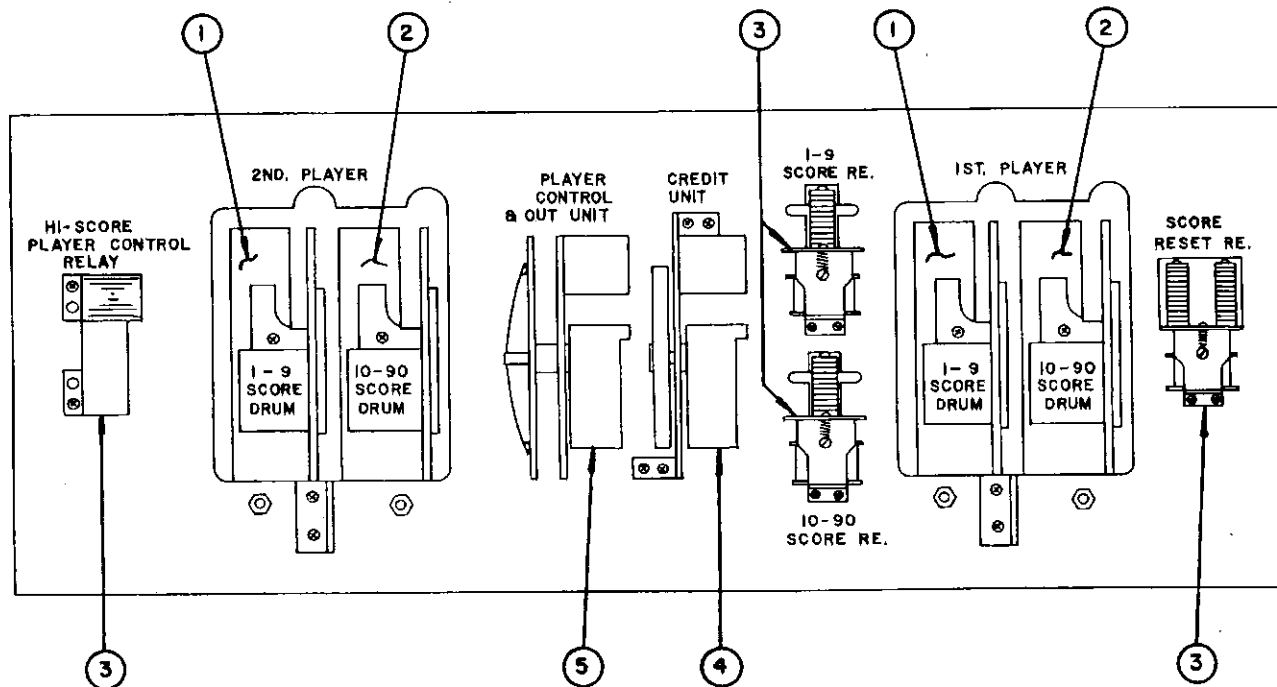


ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
	421-2510	COMPLETE BATTING UNIT	12		#4 S.M.S. 3/4 LG.
1	291-1501-N	BAT (NYLON)	13		#10-32 x 1/4 LG. R.H.W.S.
2	#6770	TINNERMAN NUT	14	#5428	SPLIT TYPE LOCKWASHER
3	183-2546	OPERATING ARM ASS'Y	15	168-516	COIL SUPPORT BRKT.
4	421-2509	BATTING UNIT SHAFT & BUSHING SUB-ASS'Y	16	#6771	TINNERMAN SPACER
5	168-909	SPRING CLIP	17	291-2523	PLUNGER CONTACT POST & LINK ASS'Y
6	#5338	FLAT WASHER	18	#179A	SWITCH ASS'Y
7	#5383	FLAT WASHER	19	S-24-750	COIL COMPLETE
8	183-300	MOLDED BUSHING	20	160-902	SPRING
9	344-1501	BAT COLLAR	21		#10-32 x 1" LG. SOCKET HD. CAP SCREW
10	168-1526	SOLENOID TUBING	22	#5429	SPLIT TYPE LOCKWASHER
11	168-2509	COIL MTG. BRKT. ASS'Y			

CHICAGO DYNAMIC INDUSTRIES

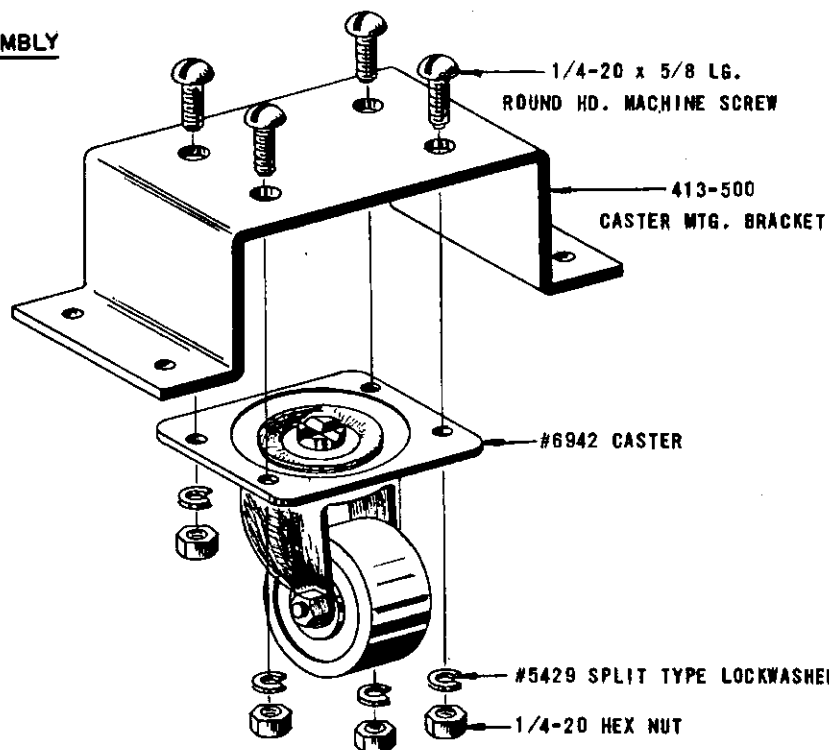
PARTS CATALOG

BACKRACK



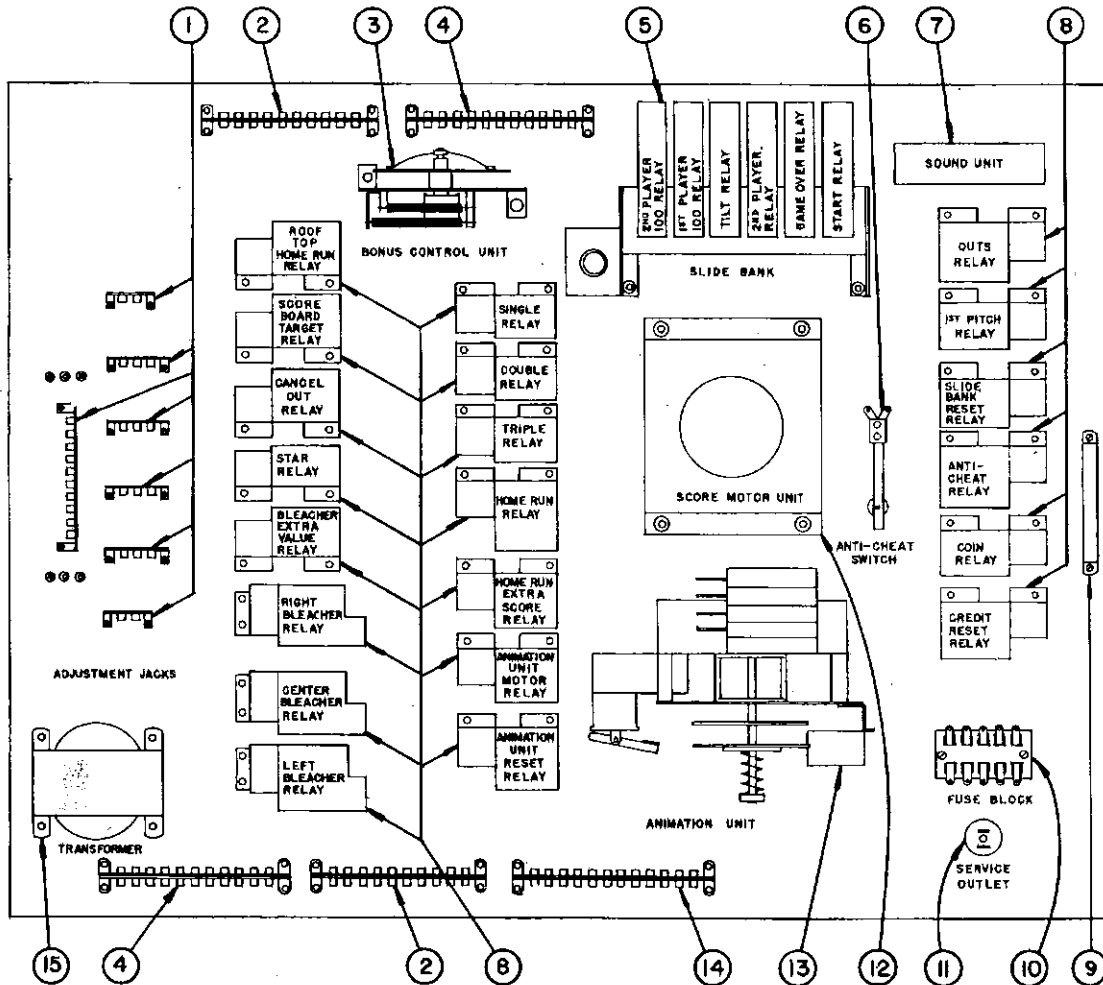
ITEM	PART NO.	DESCRIPTION
1	500E-2570	1-9 SCORING DRUM UNIT (SEE PAGE 20)
2	500E-2575	10-90 SCORING DRUM UNIT (SEE PAGE 20)
3		FOR ALL THESE RELAYS SEE PAGES 28 & 29
4	130-2530-C	CREDIT UNIT (SEE PAGE 23)
5	130-2519	PLAYER CONTROL & OUT UNIT (SEE PAGE 21)

CASTER ASSEMBLY



CHICAGO DYNAMIC INDUSTRIES
PARTS CATALOG

SUB-PANEL



ITEM	PART NO.	DESCRIPTION
1		ADJUSTMENT JACKS (SEE PAGE 13)
2	#5884	20 POINT REGULAR SOCKET
3	130-2571-A	BONUS CONTROL UNIT (SEE PAGE 22)
4	#5886	22 POINT REGULAR SOCKET
5	271-2520-L-6	SLIDE TYPE RELAY (SEE PAGE 24)
6	#302	ANTI-CHEAT SWITCH
7		SOUND UNIT (SEE PAGE 32)
8		FOR ALL THESE RELAYS (SEE PAGES 28 & 29)
9	314-520	LIFT HANDLE
10	#5747-5	FUSE BLOCK ASS'Y
11	#5701	SERVICE OUTLET
12	421-2500	SCORE MOTOR ASS'Y (COMPLETE)
	#5750-2082	SCORE MOTOR
	405-2505	SCORE MOTOR CAM ASS'Y (SEE PAGE 19)
13	405-2511	BASE ANIMATION UNIT (SEE PAGES 16 & 17)
14	#5885	24 POINT REGULAR SOCKET
15	#5781	TRANSFORMER

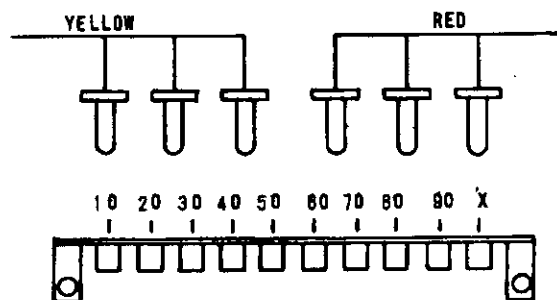
CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

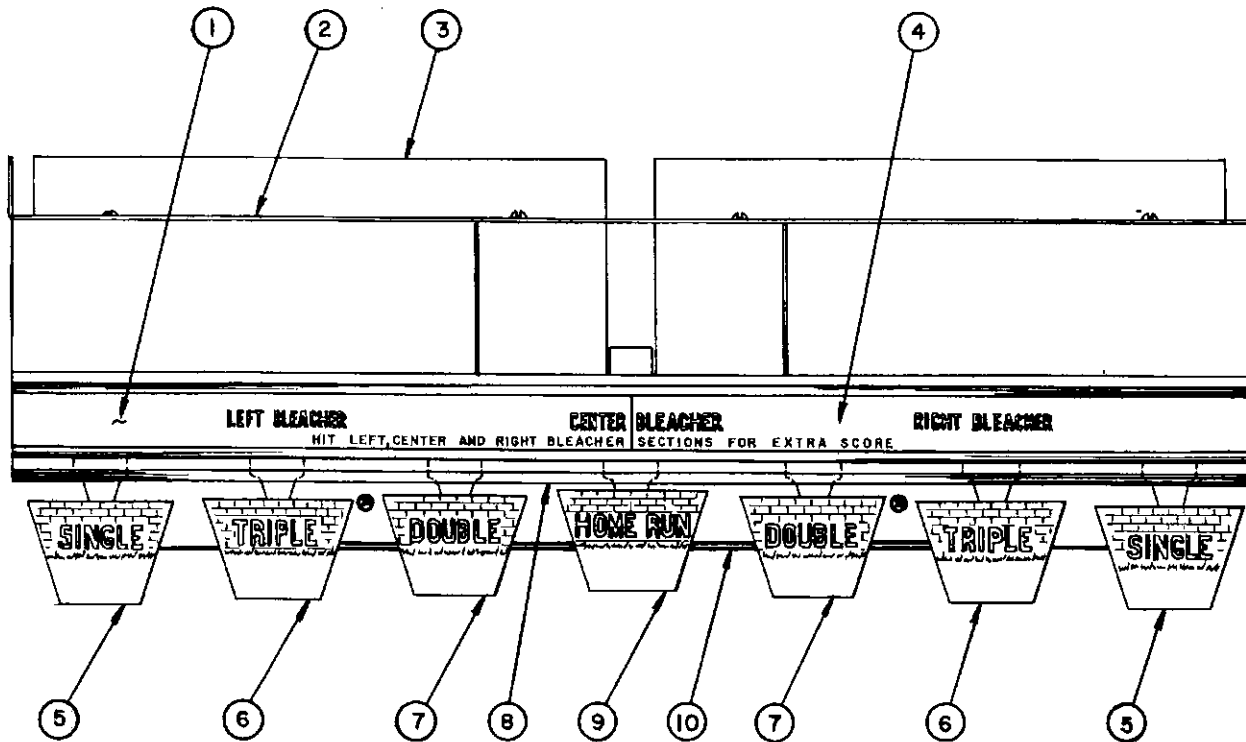
COIN ADJUSTMENT	ROOF TOP H.R. SCORE VALUE	SCORE BOARD TARGET VALUE	3 BLEACHERS VALUE	STAR VALUE	STAR APPEARANCE
1-PLAY 2-PLAYS 	3-RUNS 5-RUNS 10-RUNS 	REPLAY CANCEL OUT 10-RUNS 	REPLAY CANCEL OUT 10-RUNS 	REPLAY CANCEL OUT 5-RUNS 	MORE LESS 

HI-SCORE ADJUSTMENT

1. FOR ONLY ONE HI-SCORE AWARD UNDER - 100 PLUG-IN ONLY ONE YELLOW WIRE.
2. FOR ONLY ONE HI-SCORE AWARD OVER - 100 PLUG-IN ONLY ONE RED WIRE.
EXAMPLE: YELLOW WIRE IN 60 FOR - 60 RUNS.
RED WIRE IN 60 FOR - 160 RUNS.
3. FOR MORE THAN ONE HI-SCORE AWARD - PLUG-IN MORE THAN ONE YELLOW OR RED WIRES OR COMBINATIONS OF BOTH.
EXAMPLE: YELLOW WIRE IN 50 FOR - 50 RUNS.
YELLOW WIRE IN 80 FOR - 80 RUNS.
RED WIRE IN 10 FOR - 110 RUNS.
USE YELLOW WIRES FOR UNDER - 100 SCORES
USE RED WIRES FOR OVER - 100 SCORES



BLEACHERS ASSEMBLY

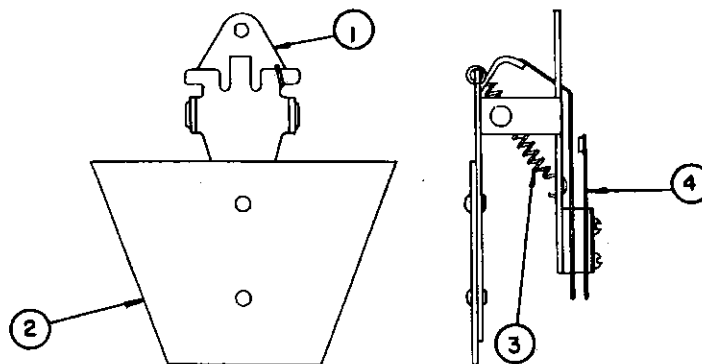


ITEM	PART NO.	DESCRIPTION
1	433-301-L	BLEACHER BUTYRATE
2	433-502	FRONT BLEACHER ROOF
3	421-2504	REAR BLEACHER ROOF
4	433-301-R	BLEACHER BUTYRATE
5	433-300-C	SINGLE TARGET ASS'Y (SEE PAGE 15)
6	433-300-A	TRIPLE TARGET ASS'Y (SEE PAGE 15)
7	433-300-B	DOUBLE TARGET ASS'Y (SEE PAGE 15)
8	433-2501	BLEACHER RAMP ASS'Y
9	433-300-D	HOME RUN TARGET ASS'Y (SEE PAGE 15)
	433-300-DS	HOME RUN SPARE TARGET ASS'Y (SEE PAGE 15)
10	421-2518	TARGET BOARD REINFORCEMENT ASS'Y

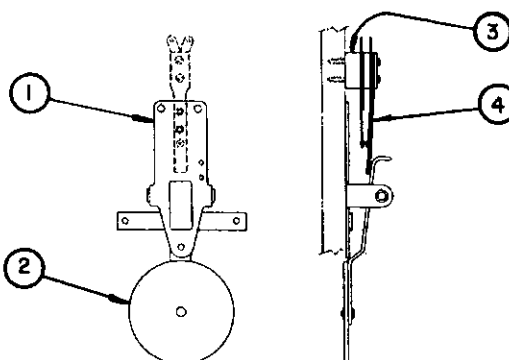
CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

TARGETS ASSEMBLY



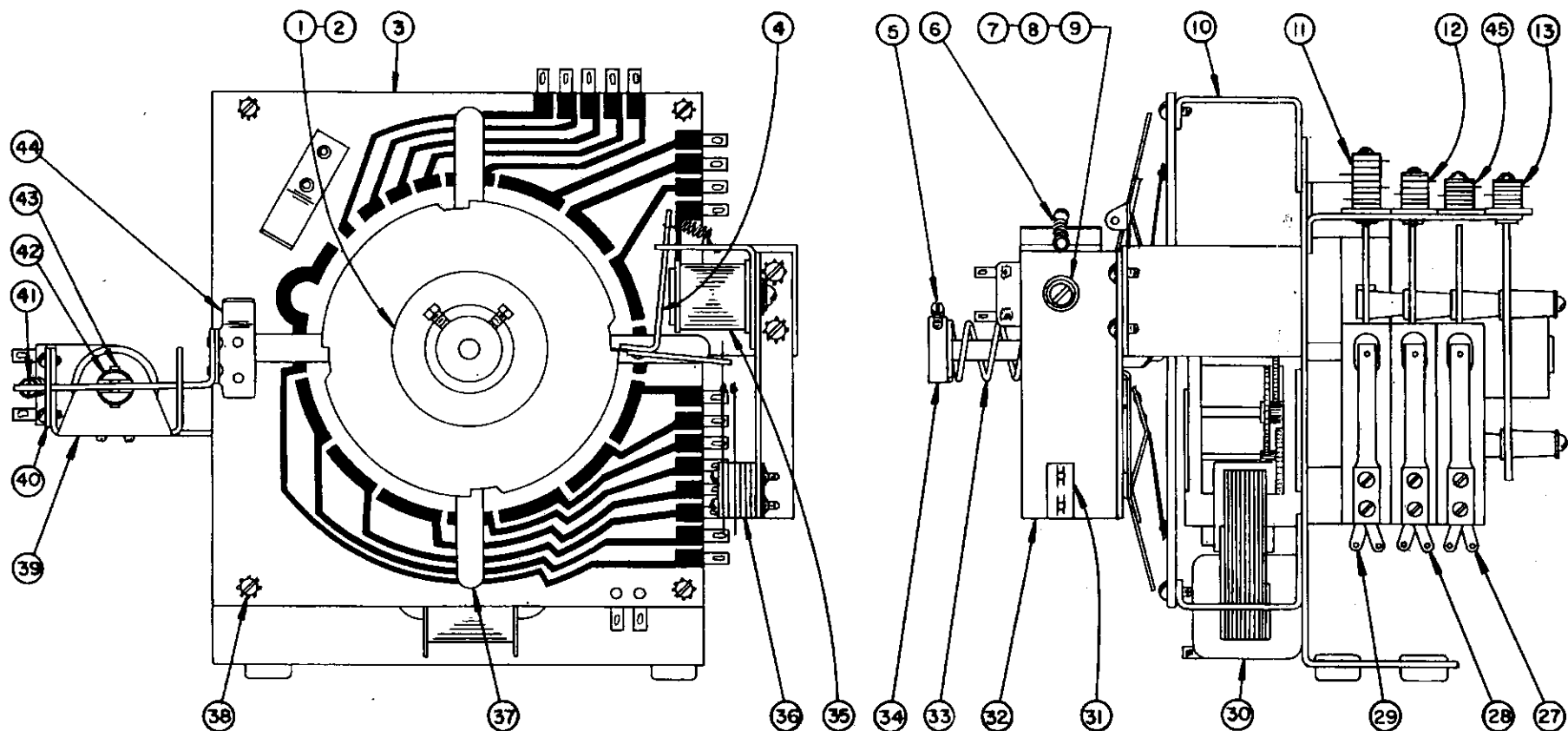
ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	344-2504	TARGET MTG. BRACKET & HINGE ASS'Y FOR TRIPLE & HOME RUN	2	433-300-C	SINGLE TARGET
	344-2504-A	TARGET MTG. BRACKET & HINGE ASS'Y FOR SINGLE & DOUBLE		433-300-D	HOME RUN TARGET
				433-300-DS	HOME RUN SPARE TARGET
2	433-300-A	TRIPLE TARGET	3	344-902	SPRING
	433-300-B	DOUBLE TARGET	4	#257	SWITCH ASS'Y



ITEM	PART NO.	DESCRIPTION
	433-2504	SCORE BOARD TARGET ASS'Y
1	421-2507	TARGET HINGE MTG. BRKT. SUB ASS'Y
2	433-300-E	SCORE BOARD TARGET
3	#397	SPACER ASS'Y
4	#412-B	CONTACT SWITCH ASS'Y

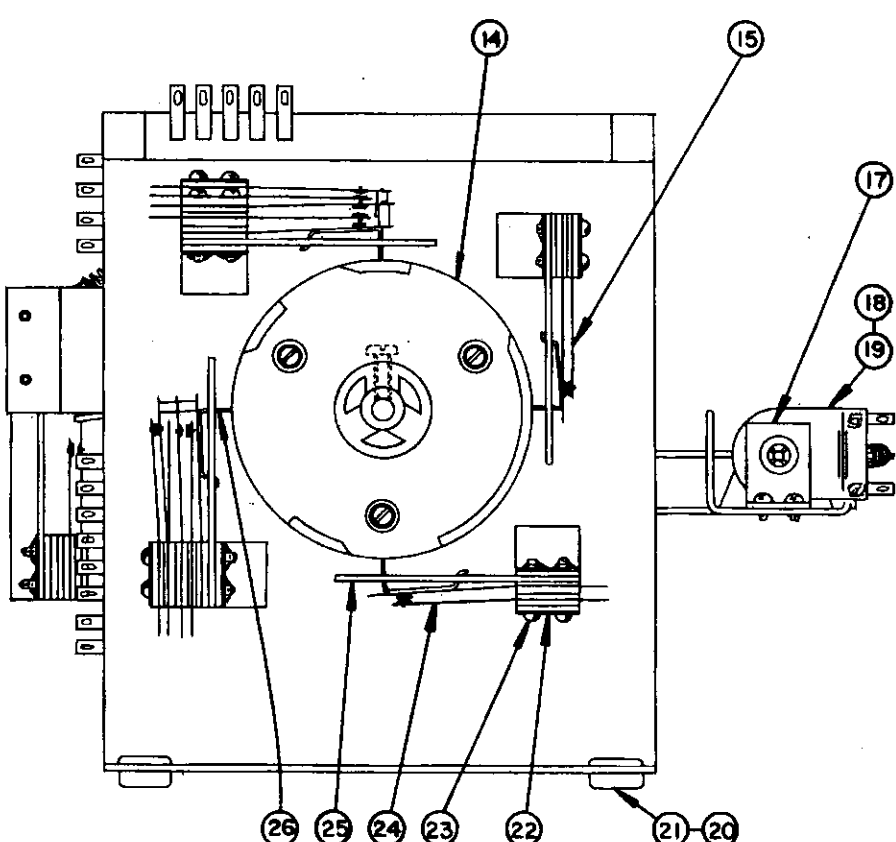
CHICAGO DYNAMIC INDUSTRIES
PARTS CATALOG

BASE ANIMATION UNIT



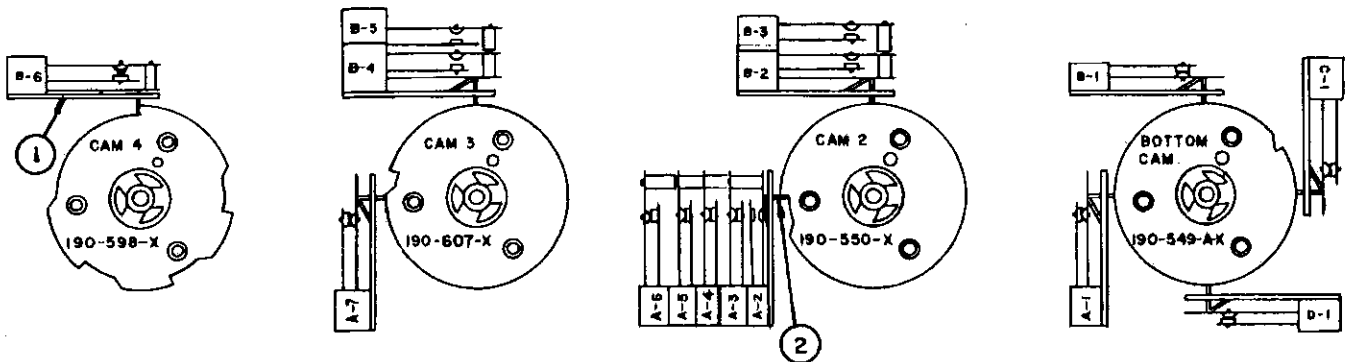
ITEM	PART NO.	DESCRIPTION
	405-2511-A	BASE ANIMATION COMPLETE
1	317-2524	PRESSURE PLATE ASSEMBLY
2	317-510-L	CLUTCH LINING
3	344-2505	BASE ANIMATION DISC ASSEMBLY
4	405-2507	ARMATURE ASSEMBLY
5		#8-32 x 1/2 LG. SLOTTED HEX HD. SCREW
6	129-902	SPRING
7		#10-32 x 3/8 LG. BRASS R.H.M.S.
8	#5301	BRASS WASHER
9	#5428	SPLIT TYPE LOCKWASHER
10	317-2515	BASE ANIMATION MOUNTING PLATE ASSEMBLY
11	#56 & 57	SWITCH ASSEMBLY
12	#62-57	SWITCH ASSEMBLY
13	#62	SWITCH ASSEMBLY
14	421-2517	BASE ANIMATION CAM ASSEMBLY (SEE PAGE 18)
15	#56	SWITCH ASSEMBLY (NEXT TO MOUNTING PLATE)
17	130-2516	PLUNGER STOP ASSEMBLY
18	N-24-700X	COIL COMPLETE
19	143-608	SOLENOID TUBING
20	#6076	RUBBER GROMMET
21	#6667	CARR FASTENER
22	#6771	TINNERMAN SPACER

BASE ANIMATION UNIT



ITEM	PART NO.	DESCRIPTION
23		#4 S.W.S. (LENGTH AS REQUIRED)
24	#56	SWITCH ASSEMBLY
25	115-501-N	CAM RIDER PLATE
26	115-508	CAM RIDER
27	#62-8	SWITCH ASSEMBLY
28	#17-57	SWITCH ASSEMBLY
29	#58	SWITCH ASSEMBLY
30	317-2518	BASE ANIMATION MOTOR ASSEMBLY
31	#6770	TINNERMAN NUT
32	129-2525-R	COIL MOUNTING FRAME ASSEMBLY
33	317-901	CLUTCH COMPRESSION SPRING
34	317-1502	CLUTCH SPRING COLLAR
35	K-26-800	CLUTCH RELAY COIL
36	#26	SWITCH ASSEMBLY
37	317-2520	BASE ANIMATION FINGER ASSEMBLY
38		#6-32 x 1/4 LG. SEMS
39	317-501	COIL BRACKET
40	317-508	LOCK PLATE
41	246-900	LOCK SPRING
42	317-1500	PLUNGER
43	#6704-8	ROLL PIN
44	317-2517	ACTUATOR ARM ASSEMBLY
45	#62	SWITCH ASSEMBLY

BASE ANIMATION CAMS

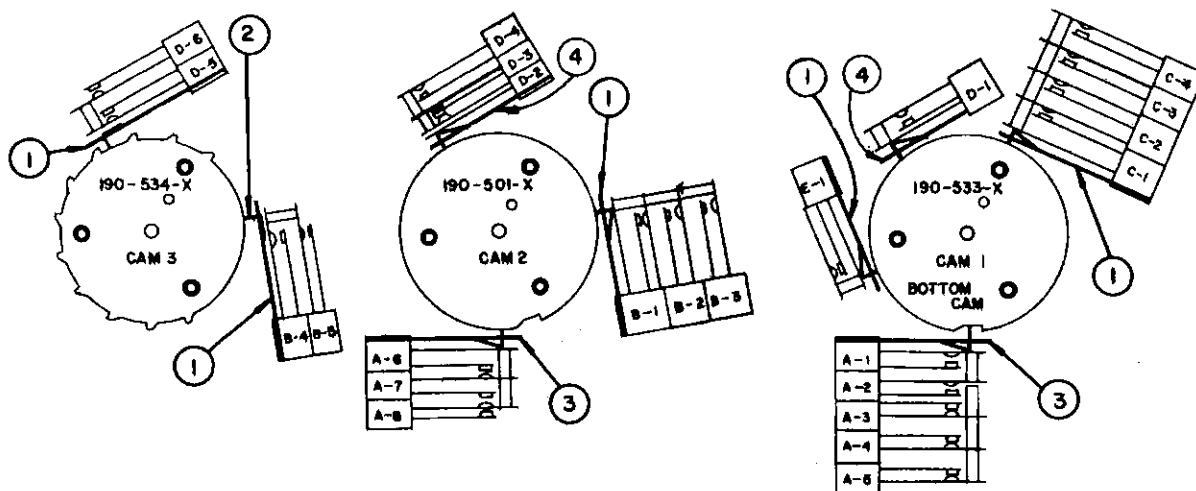


ITEM	PART NO.	DESCRIPTION
1	115-501-N	CAM RIDER PLATE ON ALL THE SWITCHES
2	115-508	CAM RIDER ON ALL THE SWITCHES
A-1	#56	SWITCH ASSEMBLY
A-2	#17	SWITCH ASSEMBLY
A-3	#57	SWITCH ASSEMBLY
A-4	#64	SWITCH ASSEMBLY
A-5	#57	SWITCH ASSEMBLY
A-6	#57	SWITCH ASSEMBLY
A-7	#62	SWITCH ASSEMBLY
B-1	#56	SWITCH ASSEMBLY
B-2	#57	SWITCH ASSEMBLY
B-3	#62	SWITCH ASSEMBLY
B-4	#57	SWITCH ASSEMBLY
B-5	#62	SWITCH ASSEMBLY
B-6	#56	SWITCH ASSEMBLY
C-1	#56	SWITCH ASSEMBLY
D-1	#56	SWITCH ASSEMBLY

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

SCORE MOTOR CAMS

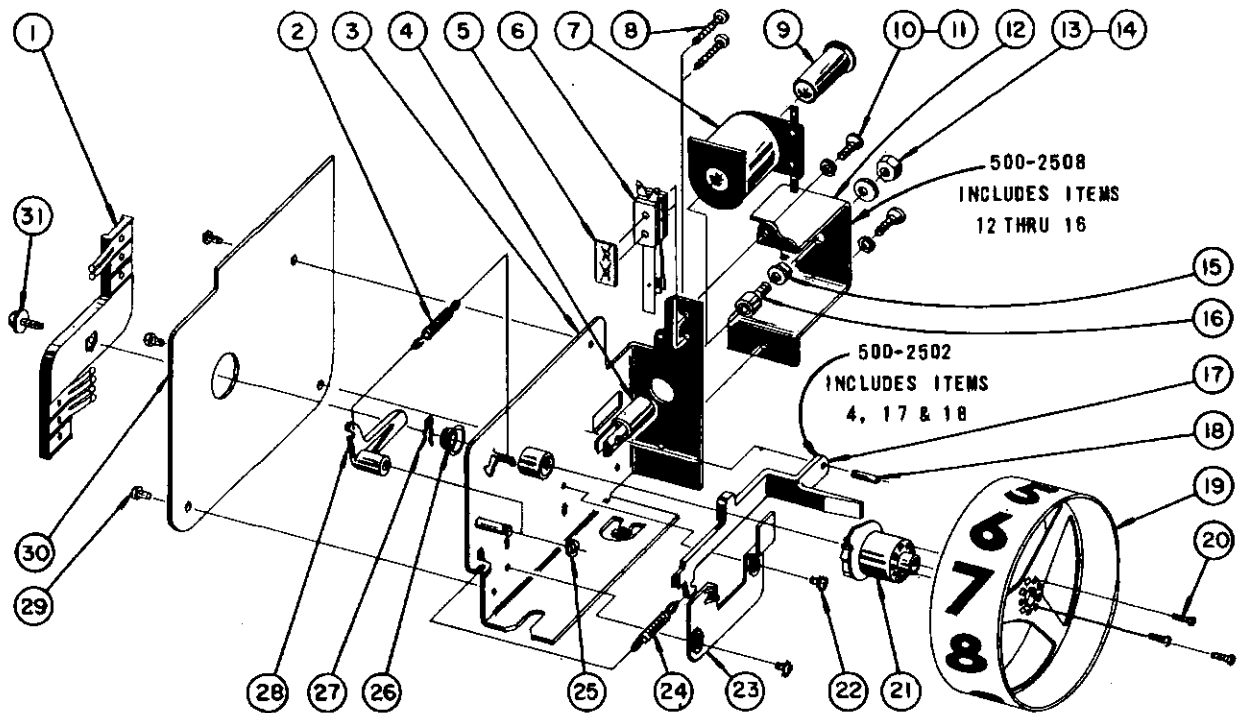


ITEM	PART NO.	DESCRIPTION
1	115-501-F	CAM RIDER PLATE
2	115-508	CAM RIDER ON ALL THE SWITCHES
3	115-501-N	CAM RIDER PLATE
4	115-501-A	CAM RIDER PLATE
A-1	#63	SWITCH ASSEMBLY
A-2	#9	SWITCH ASSEMBLY
A-3	#57	SWITCH ASSEMBLY
A-4	#57	SWITCH ASSEMBLY
A-5	#64	SWITCH ASSEMBLY
A-6	#62	SWITCH ASSEMBLY
A-7&8	#234	SWITCH ASSEMBLY
B-1	#62	SWITCH ASSEMBLY
B-2	#64	SWITCH ASSEMBLY
B-3	#64	SWITCH ASSEMBLY
B-4	#63	SWITCH ASSEMBLY
B-5	#9	SWITCH ASSEMBLY
C-1	#62	SWITCH ASSEMBLY
C-2	#64	SWITCH ASSEMBLY
C-3	#64	SWITCH ASSEMBLY
C-4	#64	SWITCH ASSEMBLY
D-1	#62	SWITCH ASSEMBLY
D-2&3	#235	SWITCH ASSEMBLY
D-4	#57	SWITCH ASSEMBLY
D-5	#63	SWITCH ASSEMBLY
D-8	#9	SWITCH ASSEMBLY
E-1	#62	SWITCH ASSEMBLY

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

SCORING DRUM UNIT

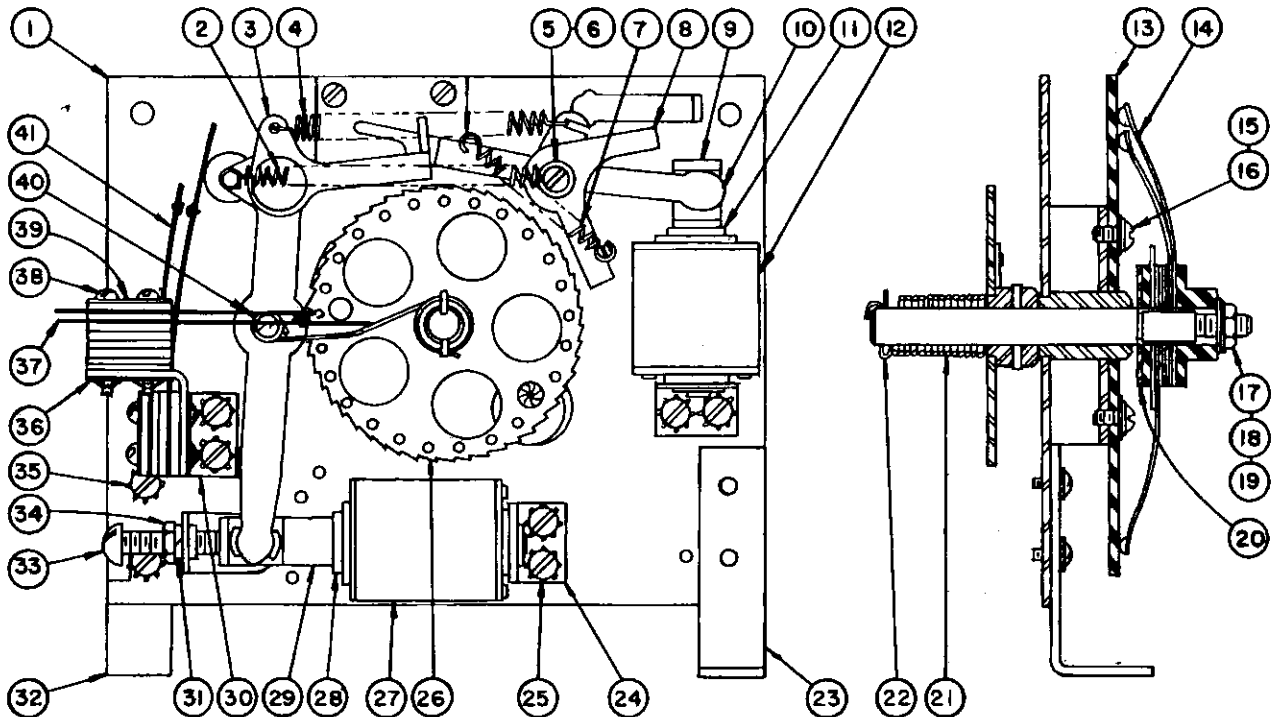


ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
	500E-2570	1-9 SCORING DRUM	17	500-802-A	OPERATING ARM
	500E-2575	10-90 SCORING DRUM	18	#6704-6	ROLL PIN
1	500-2521	WIPER FINGER ASS'Y (1-9 UNIT)	19	500-800-WB	DRUM
	500-2519	WIPER FINGER ASS'Y (10-90 UNIT)	20		#4 x 3/8 LG. TYPE "Z" PHILLIP HD. SELF TAPPING SCREW
2	500-900	SPRING (HOLDING PAWL)	21	500-801	CAM & RATCHET
3	500-2501-B	MOUNTING PLATE ASS'Y	22		#6-32 x 3/16 LG. SEMS UNIT
4	300-1500	OPERATING PLUNGER	23	500-801	ADJUSTABLE STOP
5	#6770	TINNERMAN NUT	24	300-900-B	SPRING (OPERATING ARM)
6	#260	SWITCH ASS'Y	25	6722-18	RETAINING RING
7	N-24-700-X	COIL COMPLETE	26	300-903	COMPRESSION SPRING
8		#4 S.W.S. (LENGTH AS REQUIRED)	27	300-902	SPRING CLIP
9	143-808	SOLENOID TUBING	28	500-804	HOLDING PAWL
10		#8-32 x 3/8" LG. TYPE "F" PHILLIP PAN HD. SELF TAPPING	29		#6-32 x 1/4 LG. TYPE "F" PHILLIP PAN HD. SELF TAPPING SCREW
11	#5427	SPLIT TYPE LOCKWASHER	30	500E-522	COUNTER SWITCH P.C. (FOR 1-9 UNIT)
12	500-501	COIL MTG. BRACKET		500E-521	COUNTER SWITCH P.C. (FOR 10-90 UNIT)
13		#10-32 ELASTIC STOP NUT	31		#6-32 x 7/16 LG. TYPE 23 PHILLIP PAN HD. CAPTIVE WASHER SELF TAPPING SCREW
14	#5322	BRASS WASHER			
15	500-1501	PLUNGER STOP BUSHING			
16	500-2507	PLUNGER STOP & SLUG ASS'Y			

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

PLAYER CONTROL & OUT UNIT

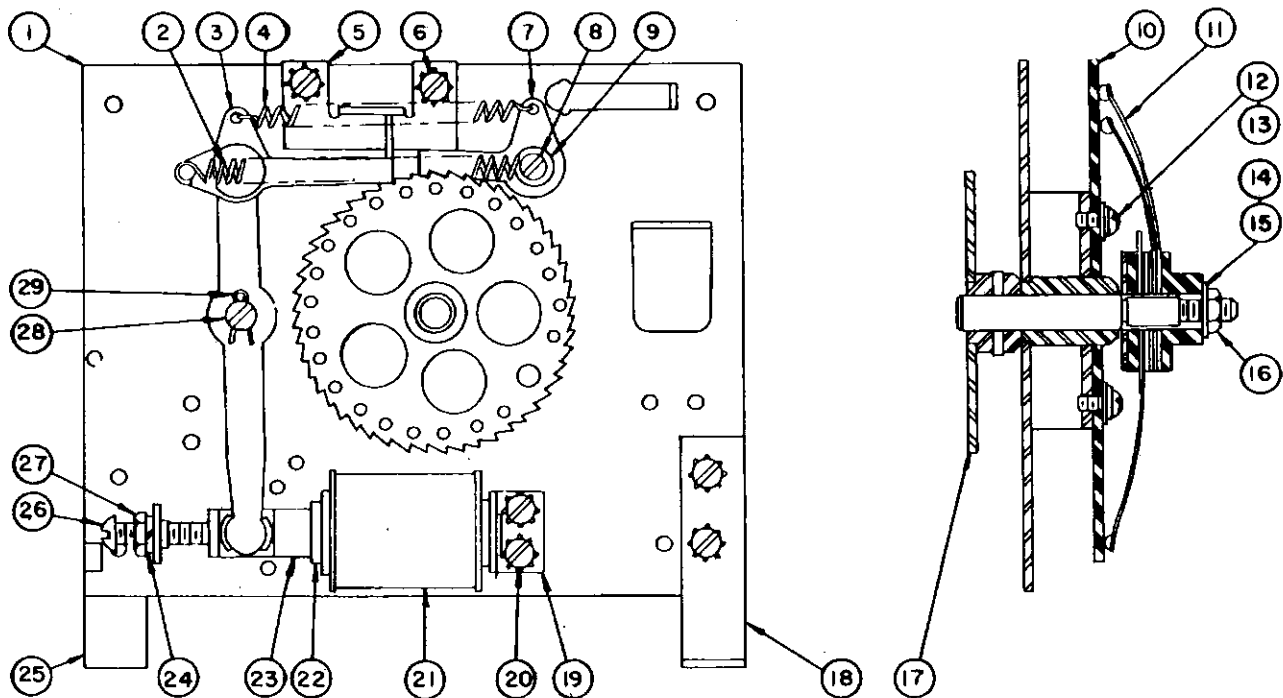


ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
	130-2519-A	COMPLETE PLAYER CONTROL UNIT	21	130-901	TORSION SPRING
1	130-2502	MOUNTING PLATE ASS'Y	22	#6752-10	COTTER PIN
2	130-910-18	SPRING	23	130-560-AS	MOUNTING LEG
3	130-2511	OPERATING ARM ASS'Y	24	130-2516	PLUNGER STOP ASS'Y
4	130-901	SPRING	25		#6-32 x 1/4 LG. SEMS UNIT
5	130-1510	RESET ARM POST	26	130-2542-7	RATCHET & POST ASS'Y
6	130-1517	RESET ARM BUSHING	27	J-22-550	STEP-UP COIL
7	129-900	SPRING	28	130-1535	STEP-UP SOLENOID TUBING
8	130-2514	ESCAPEMENT PAWL & BUSHING	29	91-1536	STEP-UP PLUNGER
9	91-1507	RESET PLUNGER	30	130-511	DOUBLE CONTACT BRKT.
10	130-2513	RESET ARM ASS'Y	31	#5428	LOCKWASHER
11	130-1536	RESET SOLENOID TUBING	32	130-560-A	MOUNTING LEG
12	H-26-650	RESET COIL	33		#10-32 x 3/4 LG. BRASS R.H.M.S.
13	405-2510	PLAYER CONTROL PRINTED CIRCUIT ASS'Y	34		#10-32 HEX NUT
14	405-2513	WIPER FINGER ASS'Y	35		#8-32 x 1/4 LG. SEMS
15		#6-32 x 3/8 LG. SEMS UNIT	36	#6770	TINNERMAN NUT
16	#5305	FLAT WASHER	37	#46	3 SPACER BLOCK SWITCH ASS'Y
17		1/4-28 HEX NUT	38		#4 S.M.S. LENGTH AS REQUIRED
18	#5429	LOCKWASHER	39	#6771	TINNERMAN SPACER
19	#5331	PLAIN WASHER	40	130-1508	OPERATING ARM POST
20	130-518	FINGER BACK-UP WASHER	41	#108	SWITCH ASS'Y

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

BONUS CONTROL UNIT

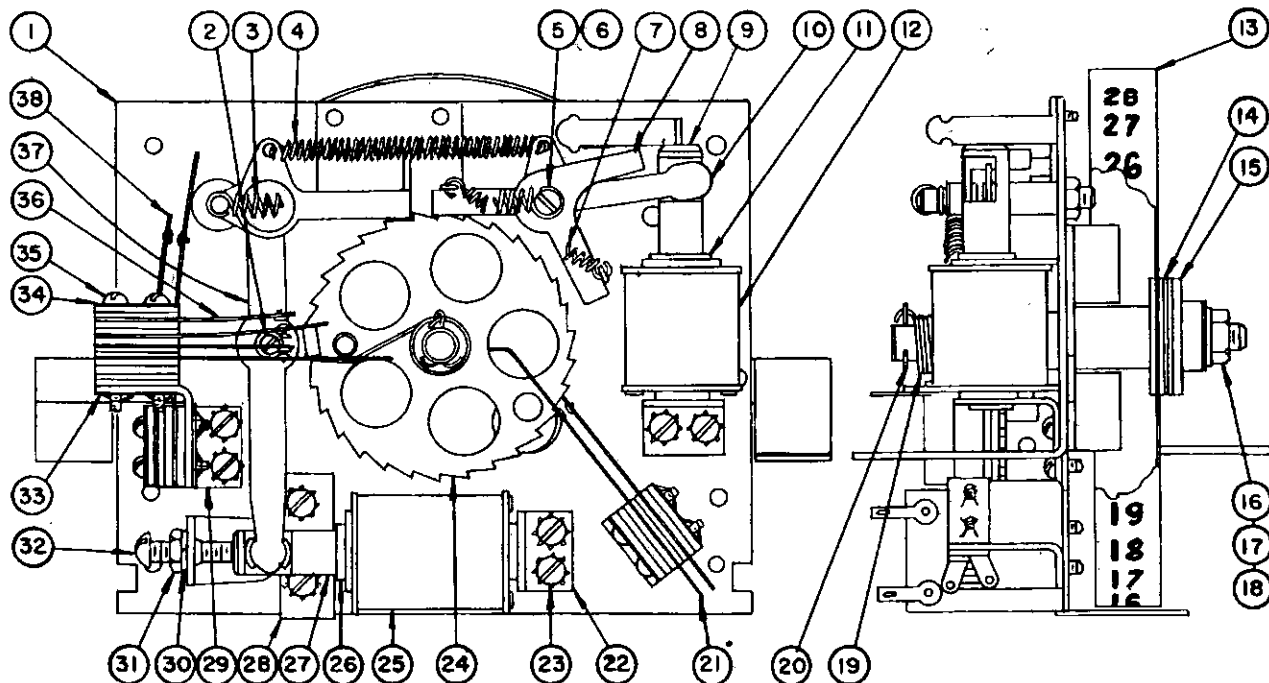


ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
	130-2571-A	COMPLETE BONUS UNIT	15	#5429	SPLIT TYPE LOCKWASHER
1	130-2505	MTG. PLATE BRACKET & BUSHING ASS'Y	16		#1/4-28 HEX NUT
2	130-910-18	SPRING	17	130-2546	SHAFT BUSHING & RATCHET ASS'Y
3	130-2511	OPERATING ARM ASS'Y	18	130-560-AS	MOUNTING LEG
4	130-901	SPRING	19	130-2516	PLUNGER STOP ASS'Y
5	130-531	OVERRIDE RESTRAINER	20		#6-32 x 1/4 LG. SEMS
6		#6-32 x 1/4 LG. SEMS UNIT	21	J-22-550	COIL COMPLETE
7	130-2517	HOLDING PAWL & BUSHING ASS'Y	22	130-1535	SOLENOID TUBING
8	130-1510	RESET PAWL POST	23	130-1513	OPERATING PLUNGER
9	130-1517	RESET POST BUSHING	24	#5428	SPLIT TYPE LOCKWASHER
10	405-2509	BONUS UNIT PRINTED CIRCUIT ASS'Y	25	130-560-A	MOUNTING LEG
11	405-2512	BONUS UNIT WIPER FINGER ASS'Y	26		#10-32 x 3/4 LG. BRASS R.H.M.S.
12		#6-32 x 3/8 LG. SEMS UNIT	27		#10-32 HEX NUT
13	#5305	FLAT WASHER	28	130-1508	OPERATING ARM POST
14	#5331	FLAT WASHER	29	143-902	SPRING CLIP

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

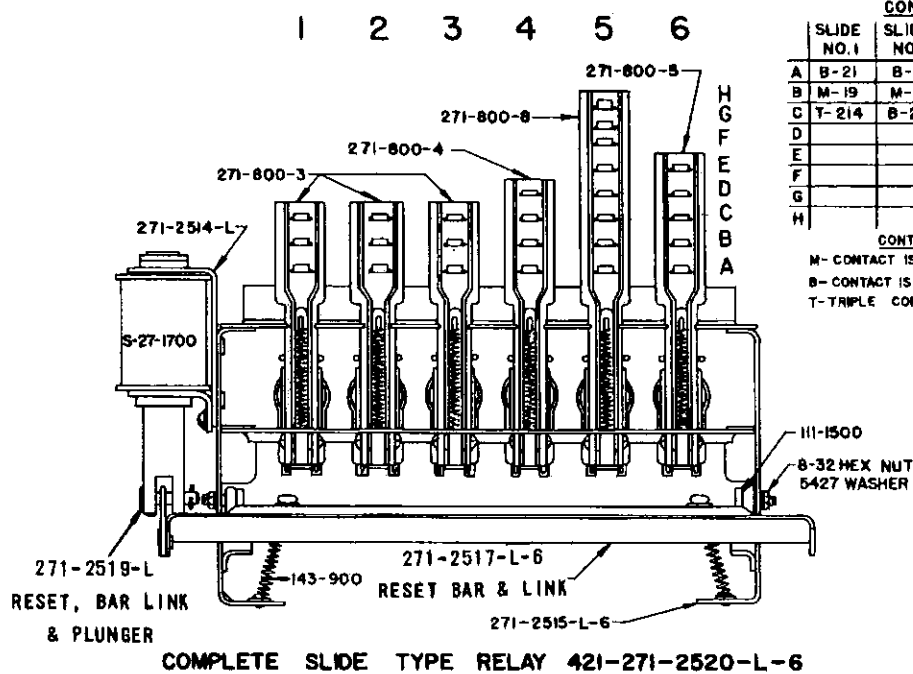
CREDIT UNIT



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
	130-2532-C	COMPLETE CREDIT UNIT	20	#6752-10	COTTER PIN
1	130-2583	MOUNTING PLATE ASS'Y	21	#46	SWITCH ASS'Y
2	130-1508	OPERATING ARM POST	22	130-2516	PLUNGER STOP ASS'Y
3	130-910-18	SPRING	23		#6-32 x 1/4 LG. SEMS UNIT
4	130-901	SPRING	24	130-2579	SHAFT, BUSHING, RATCHET & STUD ASS'Y
5	130-1510	RESET ARM POST	25	J-22-550	COIL (STEP-UP)
6	130-1517	RESET POST BUSHING	26	130-1535	STEP-UP SOLENOID TUBING
7	129-900	SPRING	27	130-1513	STEP-UP PLUNGER
8	130-2514	ESCAPEMENT PAWL & BUSHING	28	130-532	WINDOW BRACKET
9	130-1539	RESET PLUNGER	29	130-511	DOUBLE CONTACT BRACKET
10	130-2513	RESET ARM ASS'Y	30	#5428	LOCKWASHER
11	130-1536	RESET SOLENOID TUBING	31		#10-32 HEX NUT
12	H-26-650	COIL RESET	32		#10-32 x 3/4 LG. BRASS R.H.M.S.
13	130-2552	DRUM ASS'Y	33	#6770	TINNERMAN NUT
14	130-518	WASHER	34	#6771	TINNERMAN SPACER
15	130-806	FINGER HUB	35		#4 S.M.S. LENGTH AS REQUIRED
16		1/4-28 HEX NUT	36	#128-80	SWITCH ASS'Y
17	#5429	LOCKWASHER	37	130-2533	OPERATING ARM & POST ASS'Y
18	#5331	PLAIN WASHER	38	#108	SWITCH ASS'Y
19	130-907	TORSION SPRING			

CHICAGO DYNAMIC INDUSTRIES
PARTS CATALOG

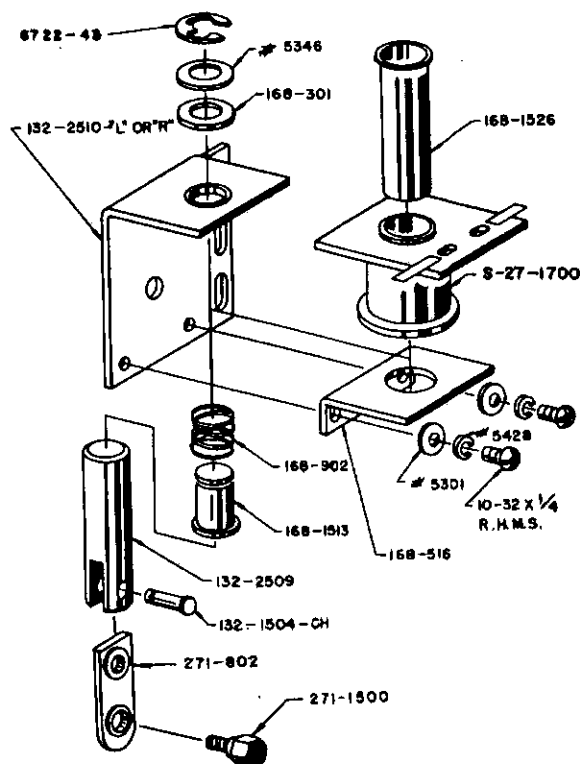
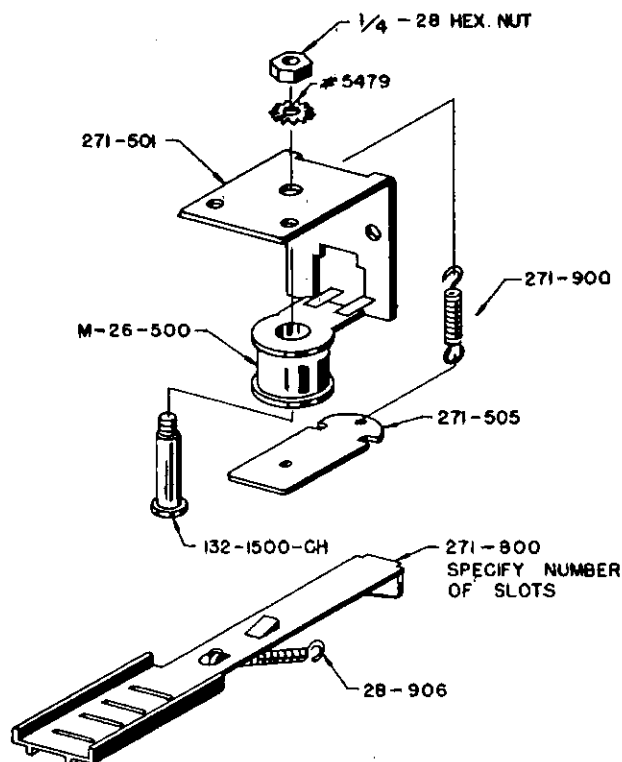
SLIDE TYPE RELAY



CONTACT SWITCHES					
SLIDE NO.1	SLIDE NO.2	SLIDE NO.3	SLIDE NO.4	SLIDE NO.5	SLIDE NO.6
A B-21	B-21	B-21	B-21	B-21	B-21
B M-19	M-19	M-19	B-20	B-20	M-19
C T-214	B-214	M-19 C	T-22	B-20	M-19
D			T-214	B-20	M-19
E				M-19	M-19C
F				M-19	
G				T-215	
H				B-20C	

CONTACT SWITCH CODE
M- CONTACT IS OPEN WHEN COIL IS NOT ENERGIZED
B- CONTACT IS CLOSED WHEN COIL IS NOT ENERGIZED.
T- TRIPLE CONTACT

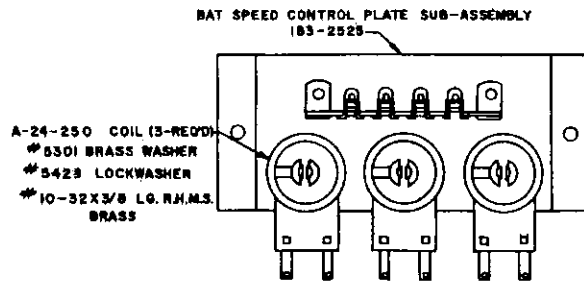
SLIDE TYPE RELAY



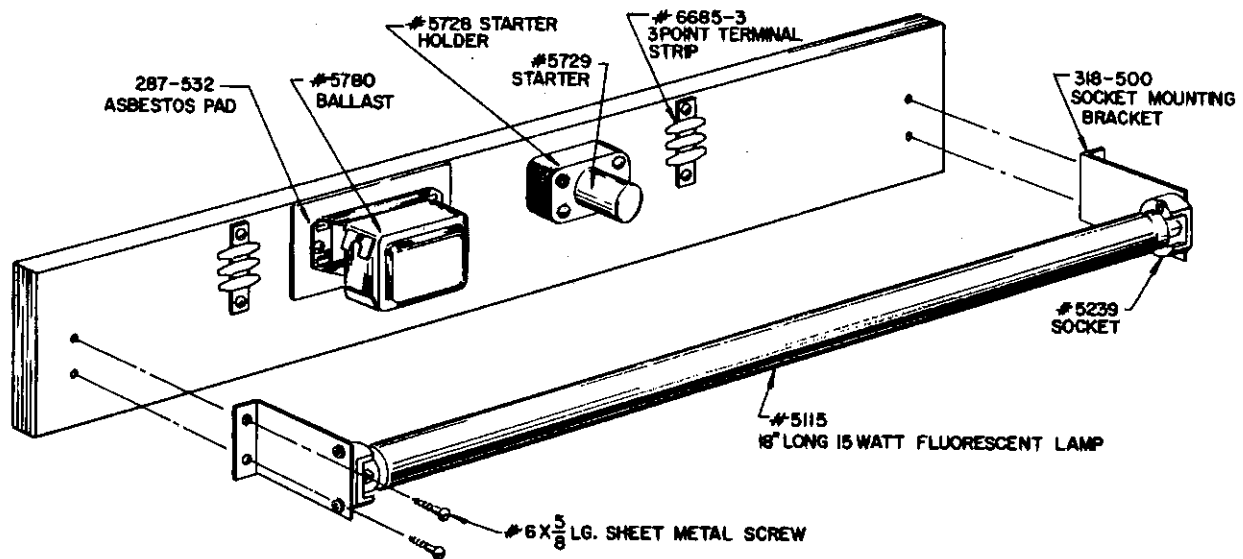
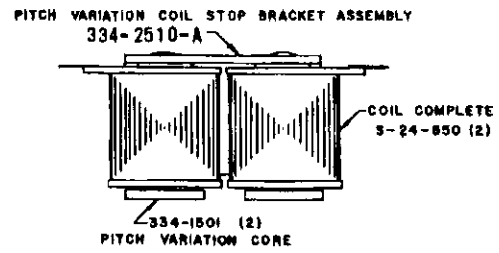
CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

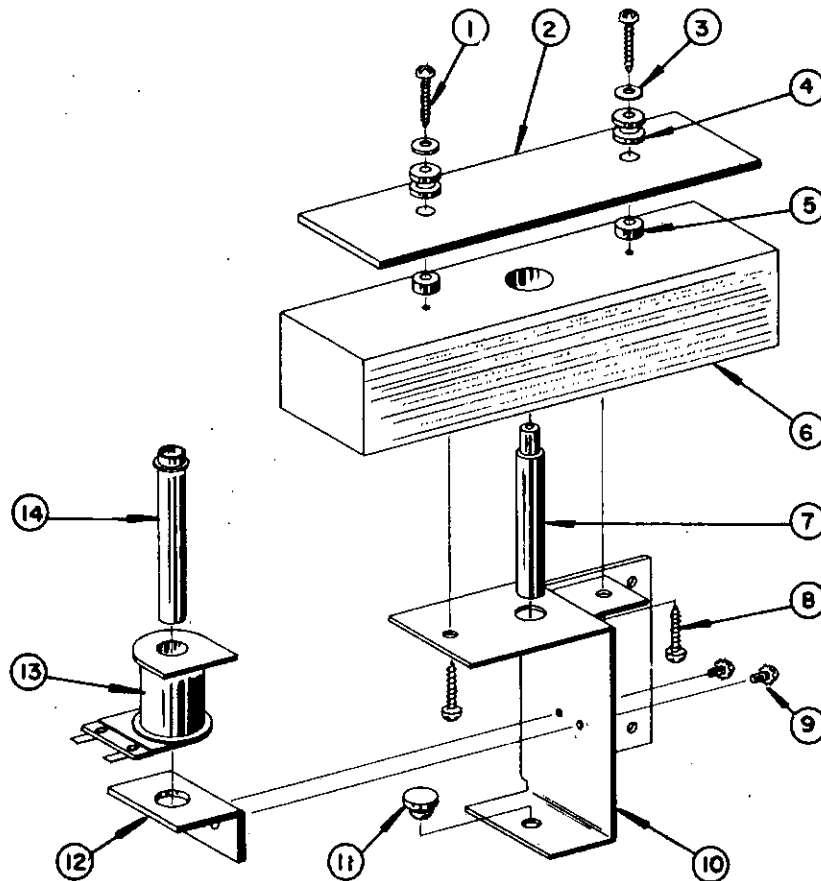
BAT SPEED CONTROL UNIT
183-2524



PITCH VARIATION COIL ASSEMBLY



CHIME ASSEMBLY



ITEM	PART NO.	DESCRIPTION
	353-2520-1B	1 TONE CHIME ASS'Y
1		#4 x 1" LG. R.H.W.S.
2	353-510-B	TONE BAR
3	#5392	WASHER
4	#6095	GROMMET
5	348-800	PLASTIC SPACER
6	421-1020-B	TONE CHAMBER
7	353-2519	PLUNGER & TIP ASS'Y
8		#10 x 3/4" LG. TYPE "A" PHILLIP HD. S.M.S.
9		#6-32 x 1/4 LG. SEMS
10	353-2518-1	CHIME MTG. BRACKET ASS'Y
11	#6079	GROMMET TYPE BUMPER
12	347-508	COIL SUPPORT BRACKET
13	N-26-1000	COIL COMPLETE
14	167-800	SOLENOID TUBE

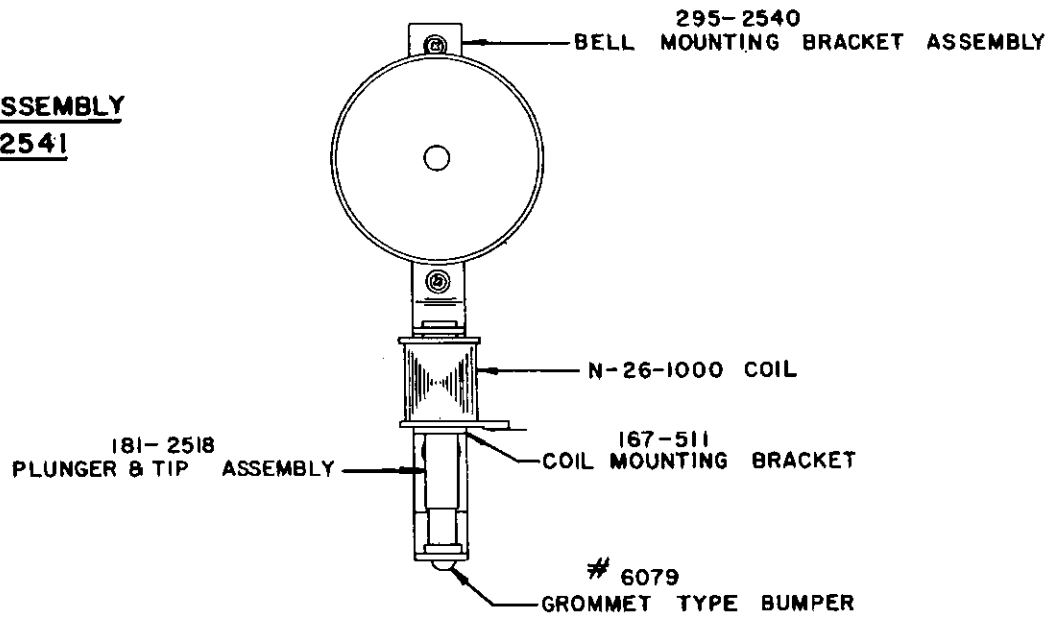
CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

BELL ASSEMBLY

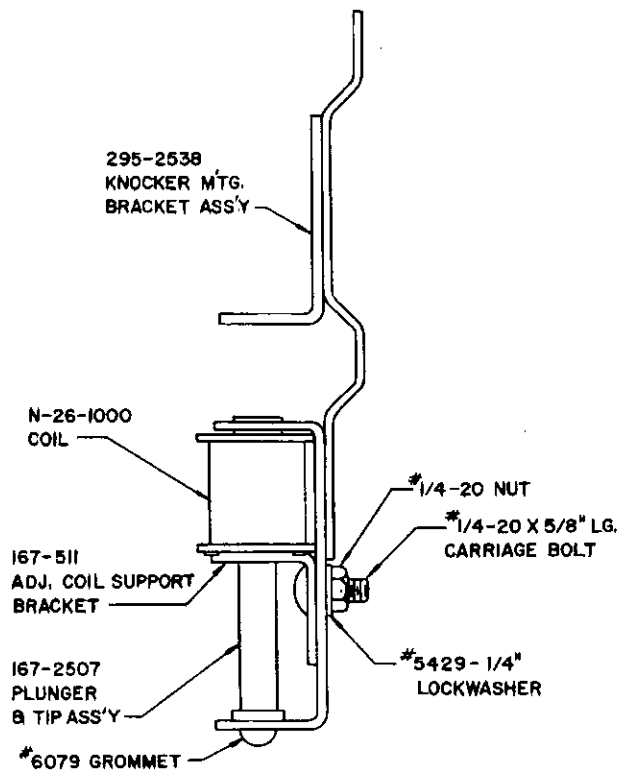
BELL ASSEMBLY

295-2541



KNOCKER ASSEMBLY

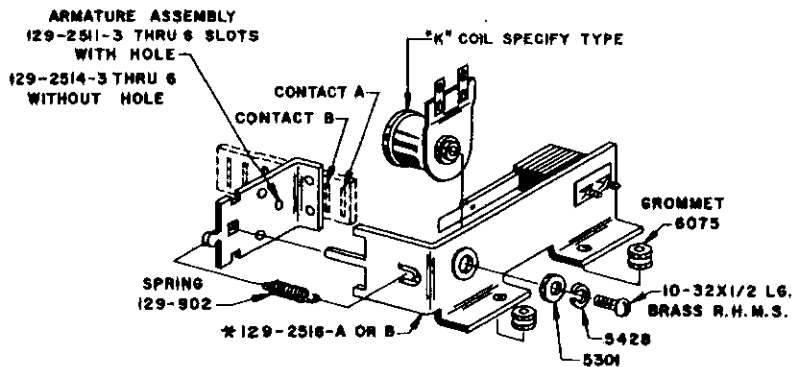
295-2539



CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

OPERATING RELAYS



CONTACT SWITCH CODE
M-CONTACT OPEN WHEN COIL IS NOT ENERGIZED
B-CONTACT CLOSED WHEN COIL IS NOT ENERGIZED
T-TRIPLE CONTACT

* 129-2516-A FRAME ASSEMBLY WITH HOLES FOR GROMMETS
129-2516-B FRAME ASSEMBLY WITH HOLES FOR SCREWS

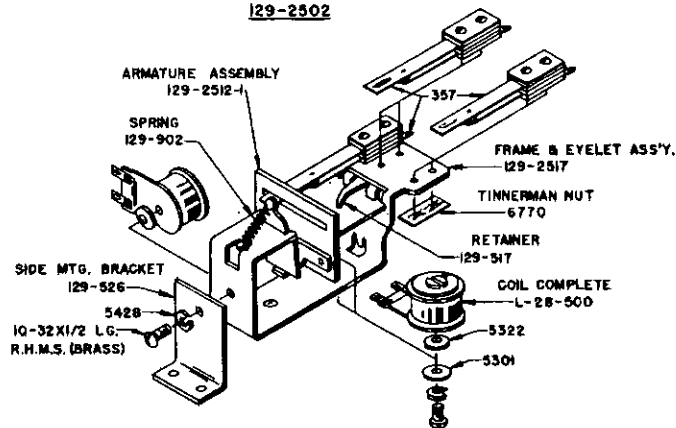
RELAY NAME	COIL	129-2511-3-6 SLOTS	CONTACT SWITCHES						
		ARMATURE	A	B	C	D	E	F	
ANIMATION UNIT CLUTCH RE.	K26-800	405-2507 (1 SLOT)	M-26						
ANIMATION MOTOR RE.	K28-1200	4 SLOTS	M-27	M-26	M-26	T-31			
ANIMATION MOTOR RESET RE.	K28-1200	5 SLOTS	M-27	M-26	T-31	B-26	B-26		
ANTI-CHEAT RE.	K29-1400	5 SLOTS	M-27	M-26	T-31	B-26	B-26		
BAT CONTROL RE.	K28-1200	3 SLOTS	M-27	M-26	B-26				
BAT RE.	K28-1200	3 SLOTS	M-28	M-48	M-26				
CANCEL-OUT RE.	K28-1200	3 SLOTS	M-27						
CREDIT RESET RE.	K28-1200	4 SLOTS	M-27	M-26	M-26	M-26			
COIN RE.	K29-1400	3 SLOTS	M-27	M-26	M-26				
CURVE RE.	K28-1200	3 SLOTS	M-27	M-26	M-26				
DOUBLE RE.	K28-1200	3 SLOTS	M-27	M-26	M-26				
HOME RUN EXTRA RUNS RE.	K28-1200	4 SLOTS	M-27	M-26	M-26	B-26			
HOME RUN RE.	K28-1200	6 SLOTS	M-27	M-26	B-32	M-26	M-26	M-26	
HI-SCORE PLAYER CONTROL	K28-1200	3 SLOTS	T-30	T-31					
OUT CONTROL RE.	K29-1400	3 SLOTS	M-27	B-26	B-26				
OUTS RE.	K28-1200	3 SLOTS	M-27	M-26	M-26				
PITCH RE.	K28-1200	5 SLOTS	M-27	M-26	M-48	B-26	B-26		
ROOF TOP H.R. RE.	K28-1100	5 SLOTS	M-27	M-26	M-34	M-26	B-26		
SCORE BOARD TARGET RE.	K28-1100	3 SLOTS	M-27	M-26	T-31				
SINGLE RE.	K28-1200	3 SLOTS	M-27	M-26	M-26				
SLIDE BANK RESET RE.	K28-1200	3 SLOTS	M-27	M-26	M-26	M-26			
SLIDER RE.	K28-1200	3 SLOTS	M-27	M-26	M-26				
STAR RE.	K28-1200	3 SLOTS	M-27	M-26					
TRIPLE RE.	K28-1200	3 SLOTS	M-27	M-26	M-26				
1st. PITCH RE.	K29-1400	3 SLOTS	M-27	M-26	M-26				
3 BLEACHERS VALUE RE.	K28-1200	3 SLOTS	M-27	M-26	M-26				

CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

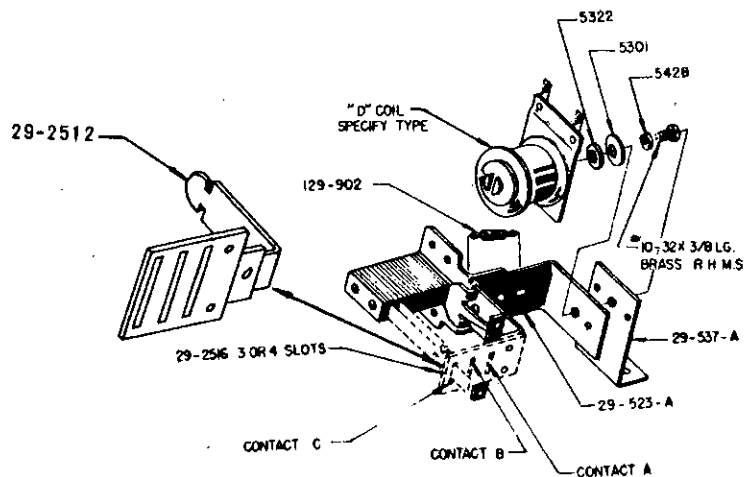
OPERATING RELAYS

INTERLOCKING RELAY ASSEMBLY 129-2502



RELAY NAME

CENTER BLEACHER RE.
LEFT BLEACHER RE.
RIGHT BLEACHER RE.



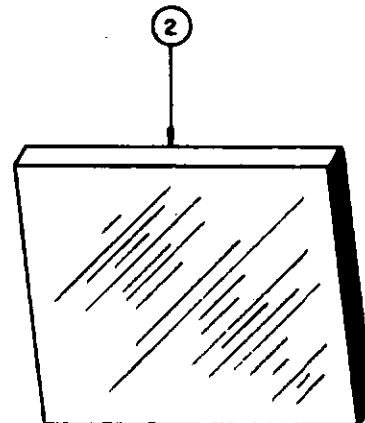
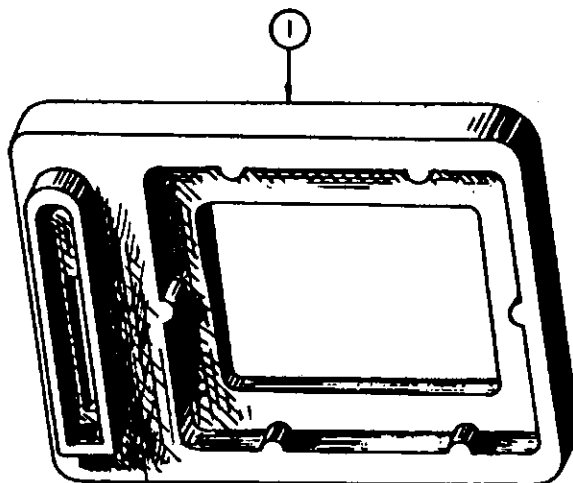
CONTACT SWITCH CODE

M - CONTACT OPEN WHEN COIL IS NOT ENERGIZED.
B - CONTACT CLOSED WHEN COIL IS NOT ENERGIZED.
T - TRIPLE CONTACT

RELAY NAME	COIL	ARMATURE		CONTACT SWITCHES	
		SINGLE SLOT	DOUBLE SLOT	A	B
SCORE RESET RE.	D26-800		29-2512-3	ALL 6 SWITCHES #27	
1-9 SCORE RE.	D28-1100	29-2513		M-28	
10-90 SCORE RE.	D28-1100	29-2516-2		M-28	M-28

CHICAGO DYNAMIC INDUSTRIES
PARTS CATALOG

COIN ENTRY MOLDING

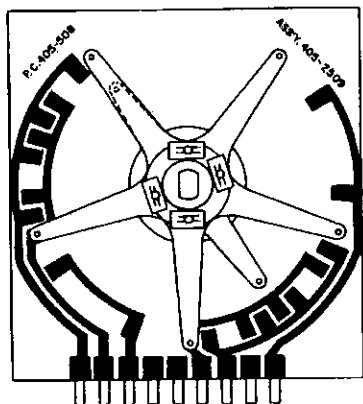


ITEM	PART NO.	DESCRIPTION
1	382-800-A	5¢ COIN ENTRY MOLDING
	382-800-B	10¢ COIN ENTRY MOLDING
	382-800-C	25¢ COIN ENTRY MOLDING
	382-800-F	FOREIGN COIN ENTRY MOLDING (SPECIFY COIN OPENING)
2	326-305-A	COIN DENOMINATION WINDOWS (2 NICKELS - 1 PLAY)
	326-305-B	(10¢ - 1 PLAY)
	326-305-C	(25¢ - 3 PLAYS)
	326-305-D	(5¢ - 1 PLAY)
	326-305-E	(25¢ - 5 PLAYS)
	326-305-F	(25¢ - 6 PLAYS)
	326-305-G	(10¢ - 2 PLAYS)
	326-305-H	(3 NICKELS - 1 PLAY)
	326-305-I	(1 DIME & 1 NICKEL - 1 PLAY)
	326-305-K	(1 QUARTER - 2 PLAYS)
	326-305-L	(25¢ - 2 PLAYERS)
	326-305-M	(2 DICES - 2 PLAYERS)
	326-305-N	(10¢ - 2 PLAYERS)
	326-305-O	(10¢ - 1 PERIOD)
	326-305-P	(25¢ - 3 PERIODS)
	326-305-Q	(25¢ - 1 PLAY)
	326-305-R	(25¢)
	326-305-S	(25¢ - 4 PLAYS)
	326-305-T	(1 QUARTER - 1 PLAY)
	326-305-U	(A GAME OF SKILL)
	326-305-V	(1 QUARTER EACH PLAYER)
	326-305-W	(1 DIME EACH PLAYER)
	326-306-A	(2 x 10 PFENNING - 1 PLAY) (GERMAN)
	326-306-B	(50 PFENNING - 3 PLAYS) (GERMAN)
	326-306-C	(1 D.M. - 6 PLAYS) (GERMAN)
	326-307-A	(50 LIRE - 1 PLAY) (ITALY)
	326-307-B	(100 LIRE - 2 PLAYS) (ITALY)
	326-308-A	(2 x 25 ORE - 1 PLAY) (SWEDISH)

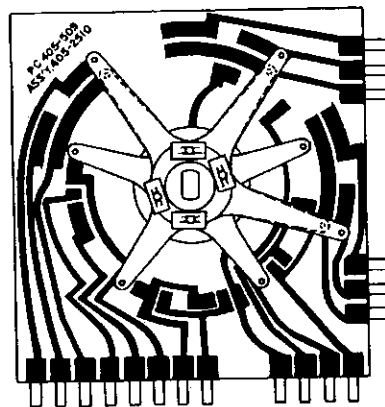
ITEM	PART NO.	DESCRIPTION
	326-308-A	(2 x 25 ORE - 1 PLAY) (SWEDISH)
	326-308-B	(1 KRONE - 3 PLAYS) (SWEDISH)
	326-308-C	(50 ORE - 1 PLAY) (SWEDISH)
	326-309-A	(2 x 10 YEN - 1 PLAY) (JAPANESE)
	326-309-B	(50 YEN - 3 PLAYS) (JAPANESE)
	326-309-C	(50 YEN - 1 PLAY) (JAPANESE)
	326-309-D	(100 YEN - 3 PLAYS) (JAPANESE)
	326-310-A	(1/2 FRANC - 1 PLAY) (FRENCH)
	326-310-B	(1 FRANC - 3 PLAYS) (FRENCH)
	326-310-C	(1 FRANC - 4 PLAYS) (FRENCH)
	326-310-D	(1 FRANC - 1 PLAY) (FRENCH)
	326-310-E	(2-20 CENTIMES - 1 PLAY) (FRENCH)
	326-310-F	(100 FRANC - 1 PLAY) (FRENCH)
	326-310-G	(50 CENTIMES - 1 PLAY) (FRENCH)
	326-310-H	(1 FRANC - 2 PLAYS) (FRENCH)
	326-311-A	(8d - 1 PLAY) (BRITISH)
	326-311-B	(ONE SHILLING - 1 PLAY) (BRITISH)
	326-311-C	(TWO SHILLINGS - 2 PLAYS) (BRITISH)
	326-311-D	(TWO SHILLINGS - 4 PLAYS) (BRITISH)
	326-311-E	(ONE SHILLING - 3 PLAYS) (BRITISH)
	326-312-A	(1 DINAR - 2 PLAYS) (YUGOSLAVIA)
	326-312-B	(50 PARA - 1 PLAY) (YUGOSLAVIA)
	326-312-C	(1 DINAR - 1 PLAY) (YUGOSLAVIA)
	326-313-A	(1 SPEL - 25¢) (HOLLAND)
	326-313-B	(1 GULDEN) (4 SPELEN) (HOLLAND)
	326-314-A	(2 x 1 SCHILLING - 1 PLAY) (AUSTRIA)
	326-314-B	(5 SCHILLING - 3 PLAYS) (AUSTRIA)
	326-315-A	(1 KRONA - 1 PLAY) (SWEDEN)
	326-316-A	(1 MARKKA - 1 PLAY) (FINLAND)
	326-317-A	(1 ESCUDO - 1 PLAY) (PORTUGAL)
	326-318-A	(25 PIASTRES - 1 PLAY) (LEBANON)
	326-318-B	(50 PIASTRES - 2 PLAYS) (LEBANON)
	382-301-A	(1 QUARTER - 2 PLAYS)
	382-301-B	(1 QUARTER - 3 PLAYS)
	382-301-C	(1 DIME & 1 NICKEL - 1 PLAY)
	382-301-D	(3 NICKELS - 1 PLAY)
	382-301-E	(10¢ - 1 PLAY)
	382-301-F	(2 NICKELS - 1 PLAY)

CHICAGO DYNAMIC INDUSTRIES

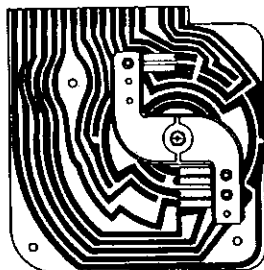
PARTS CATALOG



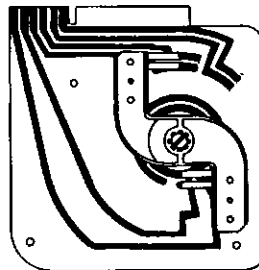
BONUS UNIT
PLATE 405-2509
FINGER 405-2512



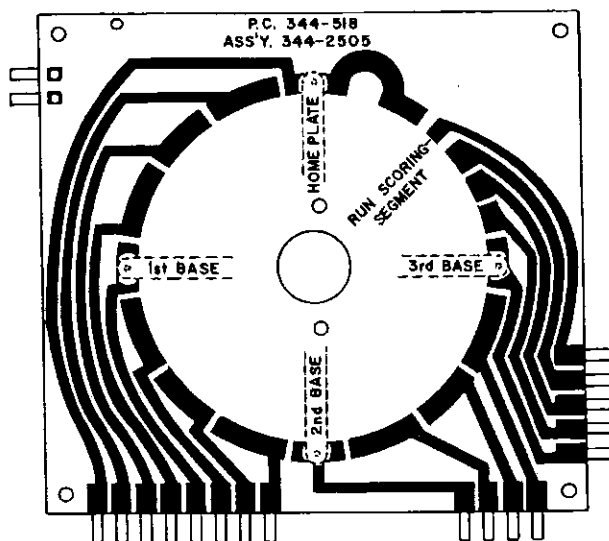
PLAYER CONTROL & OUT UNIT
PLATE 405-2510
FINGER 405-2513



10-90 SCORING DRUM
PLATE 500E-521
FINGER ASS'Y. 500-2519



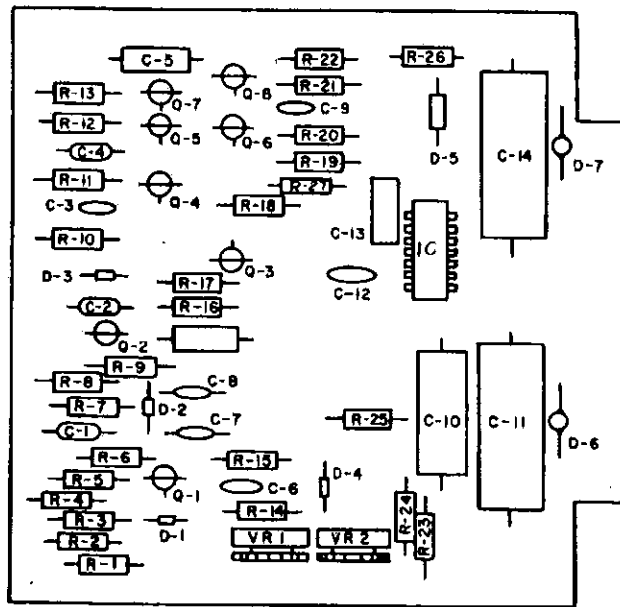
1-9 SCORING DRUM
PLATE 500E-522
FINGER ASS'Y. 500-2521



BASE ANIMATION DISC ASSEMBLY 344-2505

SOUND UNIT

ITEM	DESCRIPTION
R1	2.2K
R2	10K
R3	100K
R4	10K
R5	330K
R6	2.2M
R7	2.2M
R8	10K
R9	10K
R10	4.7K
R11	100K
R12	4.7K
R13	10K
R14	100K
R15	6.8K
R16	10K
R17	2.2K
R18	10K
R19	10K
R20	100K
R21	10K
R22	10K
R23	10K
R24	10K
R25	10K
R26	1.5K
R27	1.5K
VR1	10K
VR2	10K
C1	.047MFD
C2	.047MFD
C3	220PF
C4	.047MFD
C5	1MFD (15V)
C6	.002MFD
C7	.002MFD
C8	22PF
C9	.047MFD
C10	50MFD (15V)
C11	50MFD (15V)
C12	.01MFD
C13	.047MFD (10V)
C14	10MFD (35V)
C15	25MFD (15V)
D1	DA1704
D2	DA1704
D3	DA1704
D4	DA1704
D5	DA1704
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D7	DA1704
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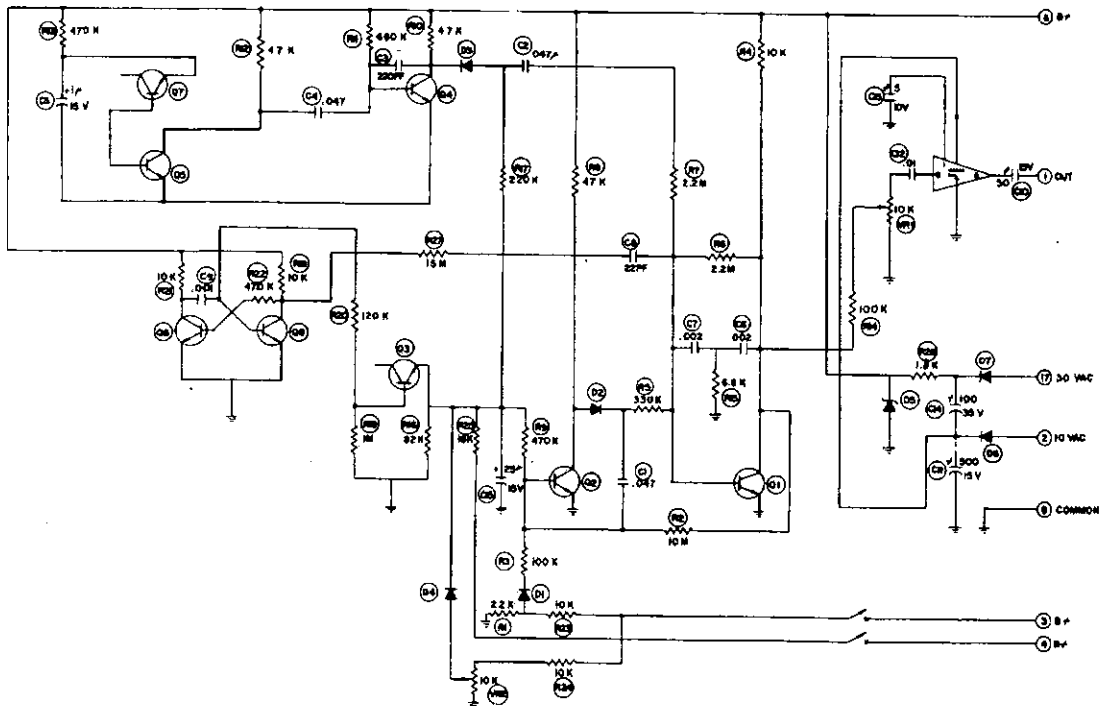
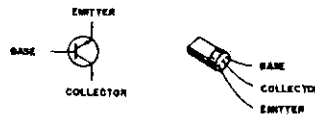


405-300 AMPLIFIER & SOUND MODULE BOARD

421-2516 CONNECTOR B
LEG ASSEMBLY

NOTES

1. ALL RESISTORS ARE 1/2 WATT 10%.
2. ALL CAPACITORS ARE IN MICRO-FARADS UNLESS OTHERWISE NOTED.



CHICAGO DYNAMIC INDUSTRIES

PARTS CATALOG

**CHICAGO
COIN**

WORLD SERIES