

GAME NO. 0E52
Form No. 0E52-00300-0200

BLACK BELTTM



Parts Manual

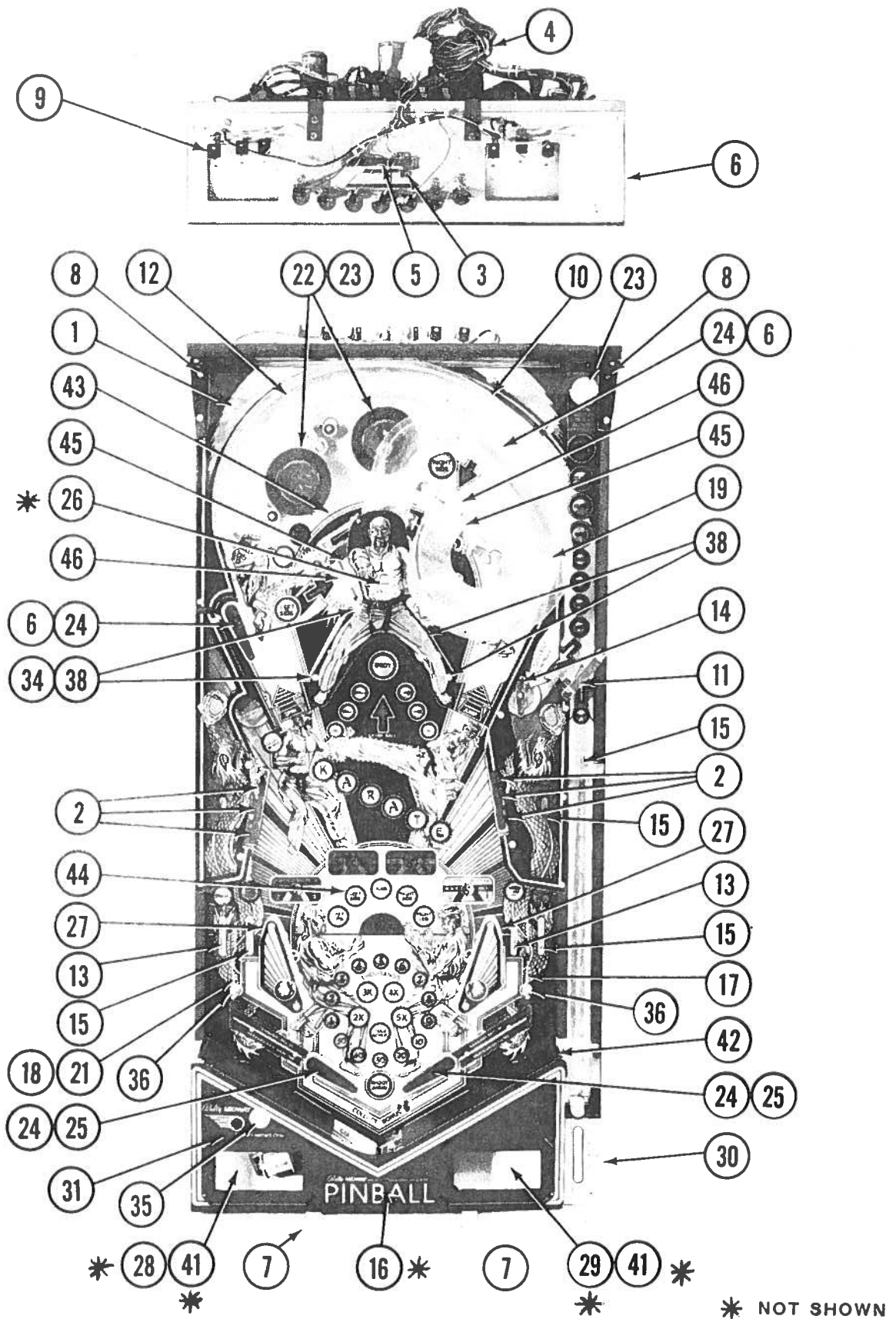
Bally/MIDWAYTM MFG. CO.

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TOP PLAYFIELD ASSEMBLY W/PLASTICS
PART NO. AE52-00004-0000



TOP PLAYFIELD ASSEMBLY W/PLASTICS - PARTS LIST
PART NO. AE52-00004-0000

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	AE52-00011-00XF	SCREENED PLASTICS SET W/BUSHING
	OE52-00901-00XF	BUTYRATE: SCREENED DIE-CUT
	AE52-00021-0000	BACKBOARD ASSY.: PLAYFIELD (INCLUDES ITEMS 2 THRU 8)
2	AE52-00013-0000	DROP TARGET ASSY. (3 POS.) (SEE COMMON ASSY.) (2 REQ'D.)
3	AE52-00032-0000	WIRE FORM ASSY.: ACTUATOR RT.
	OE52-00112-0000	WIRE FORM: ROLLOVER RT.
4	AE52-00038-0000	BACKBOARD CABLE ASSY.
5	A360-00061-0000	SWITCH ASSY.
6	0017-00041-0653	FLIPPER-RUBBER 3" YELLOW (2 REQ'D.)
7	OB42-00102-00XF	BRKT.: BOTTOM ARCH (2 REQ'D.)
8	OE52-00109-00XF	BRKT.: GUSSET (2 REQ'D.)
9		SEE COMMON SOCKET PAGE
10	AE52-00030-0000	RAMP ~ NETWORK ASSY.
11	AA40-00034-0000	GATE & WIRE ASSY.
	OA40-00909-0000	WIRE ~ FORM: GATE
	0370-00116-0000	BRKT.: GATE
12	AE52-00016-0000	SPINNER & GATE ASSY.
	AE52-00017-00XF	SPINNER & WIRE ASSY.
	0017-00104-0084	WASHER .075 ~ .250 ~ .062 FL-B NYLON (2 REQ'D.)
	0360-00926-0000	WIRE-FORM: SPINNER TARGET
	0627-00148-0000	BRKT.: TARGET-HOLDER
13	A331-00042-0000	WIRE ACTUATOR ASSY. (3 REQ'D.)
	0360-00135-0000	BRKT.: ROLLOVER WIRE LT.

TOP PLAYFIELD ASSEMBLY W/PLASTICS - PARTS LIST, CONT'D.
PART NO. AE52-00004-0000

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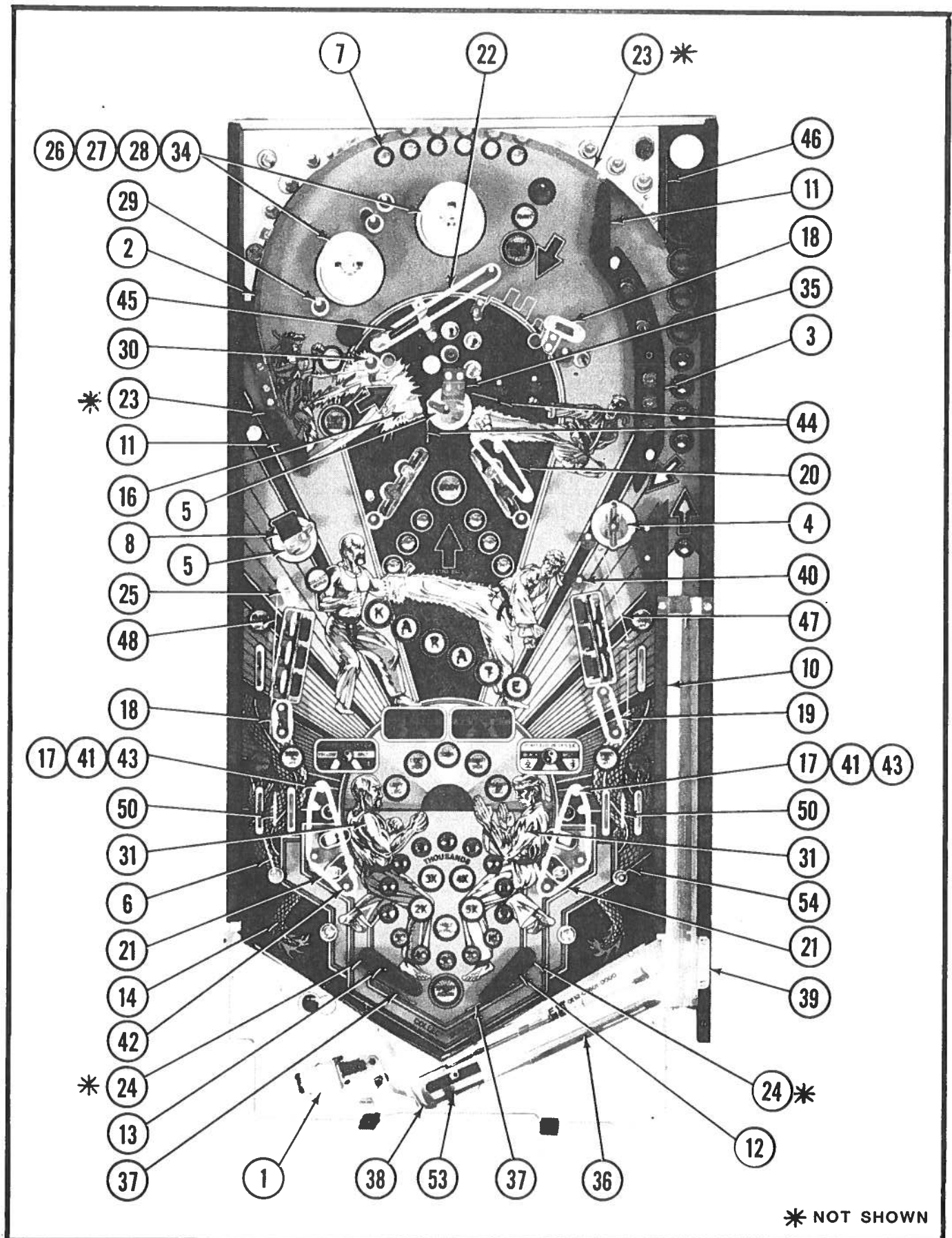
ITEM	PART NO.	DESCRIPTION
	0360-00929-0200	WIRE-FORM: ROLLOVER LT.
14	A360-00215-0100	WIRE-ACTUATOR ASSY.: RT.
15	A360-00216-0000	WIRE ACTUATOR ASSY.: RT. (3 REQ'D.)
	0360-00134-0000	BRKT.: ROLLOVER WIRE RT.
	0360-00930-0000	WIRE-FORM: ROLLOVER RT.
16	A360-00217-0000	WIRE ACTUATOR ASSY.
	0360-00135-0000	BRKT.: ROLLOVER WIRE LT.
	0360-00931-0000	WIRE-FORM: BALL RETURN
17	A365-00085-0000	FREE GATE RELAY ASSY. (CLOCKWISE)
	AE34-00023-0000	GATE RELAY & COIL ASSY.
	AE34-00022-0000	SWITCH ASSY.: FREE - GATE RELAY
18	A365-00086-0000	FREE GATE RELAY ASSY.: (COUNTER CLOCKWISE)
	AE34-00023-0000	GATE RELAY & COIL ASSY.
	AE34-00022-0000	SWITCH ASSY.: FREE - GATE RELAY
19	A365-00089-0000	ONE-WAY SCORING WIRE ASSY.
	0017-00104-0084	WASHER .075 ~ .250 ~ .062 FL-B NYLON (2 REQ'D.)
	0360-00926-0000	WIRE-FORM: SPINNER - TARGET
20	A365-00092-0100	WIRE-ACTUATOR ASSY.: RIGHT
	0360-00134-0000	BRKT.: ROLLOVER WIRE RT.
	0365-00150-0100	WIRE-FORM: ROLLOVER RT.

TOP PLAYFIELD ASSEMBLY W/PLASTICS - PART LIST, CONT'D.
PART NO. AE52-00004-0000

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ITEM	PART NO.	DESCRIPTION
21	0A17-00106-0000	WIRE-FORM: FREE BALL GATE
22	AE52-00022-0000	THUMPER BUMPER CAP ASSY.: STAMPED (2 REQ'D.)
23	A365-00091-0300	MUSHROOM CAP ASSY.
24	A967-00031-0100	MOLDED FLIPPER ASSY.: BLACK (4 REQ'D.)
25	0017-00041-0682	FLIPPER-RUBBER 3" RED (2 REQ'D.)
26	A365-00036-0000	EJECT HOLE ASSY. (2 REQ'D.)
27	A967-00059-0000	SLINGSHOT KICKER COIL ASSY. (SEE COMMON ASSY.) (2 REQ'D.)
28	M051-00E52-A011	INSTRUCTION CARD: BLACK BELT
29	M051-00365-A039	SCORE CARD: BLACK BELT
30	0B42-00100-00XF	PLATE: BALL CONTROL
31	0E52-00105-00XF	BOTTOM ARCH: SCREENED
32	0E52-00106-00XF	BRKT.: SHORT GATE (2 REQ'D.)
33	0E52-00111-00XF	PLATE: BALL STOP
34	0017-00009-0302	NUT 5 ACORN (NYLON) (19 REQ'D.)
35	0017-00042-0336	PLUG: HOLE (NYLON)
36	0017-00103-0105	NUT 120 ACORN-PUSH (STEEL) (2 REQ'D.)
37	0360-00732-00XF	POST: BUMPER 10 X 7 WOOD SCREW (2 REQ'D.)
38	0360-00733-00XF	POST: BUMPER (NICKEL) (22 REQ'D.)
39	0360-00738-00XF	STUD: 6 X 1-11/16" (15 REQ'D.)
40	0360-00738-02XF	STUD: 6 X 1-1/2" (5 REQ'D.)
41	0360-00923-0000	COVER: SCORE-CARD (2 REQ'D.)
42	0370-00918-0300	BOTTOM ARCH-EXTENSION
43	0365-00152-0000	WIRE FORM: BALL GUIDE 78 DEG.
44		SEE COMMON SOCKETS PAGE
45	00E52-00107-0000	BRKT.: RAMP SUPPORT (2 REQ'D.)
46	0E52-00108-0000	PLATE: RAMP ENTRANCE (2 REQ'D.)

TOP PLAYFIELD ASSEMBLY W/O PLASTICS
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TOP PLAYFIELD ASSEMBLY W/O PLASTICS -- PARTS LIST
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ITEM	PART NO.	DESCRIPTION
1	A360-00234-0000	TOP MTD. KICKER ASSY. (BALL RETURN) (SEE COMMON ASSY.)
2	AE52-00015-0000	BALL GUIDE ASSY.
3	AE52-00018-0000	BALL GUIDE ASSY.
4	A369-00017-0000	BALL KICK-BACK ASSY.
5	A967-00054-0000	EJECT HOLE ASSY. (2 REQ'D.)
6	0A17-00106-0000	WIRE-FORM: FREE BALL GATE
7		SEE COMMON SOCKETS PAGE
8	0E52-00101-00XF	BALL STOP BRKT.
9	0E52-00113-00XF	BRKT.: SCORING-GATE SUPT. (2 REQ'D.)
10	0E52-00505-0000	GUIDE-RAIL: RIGHT INSIDE (WOOD)
11	AC70-00022-0200	FLIPPER ASSY. SINGLE SW-LT. (SEE COMMON ASSY.) (2 REQ'D.)
	A365-00045-0000	FLIPPER BREAK SWITCH ASSY. (2 REQ'D.)
12	AC70-00023-0100	FLIPPER ASSY.: DOUBLE SW-RT. (SEE COMMON ASSY.)
	A365-00045-0000	FLIPPER BREAK SWITCH ASSY.
13	AC70-00023-0200	FLIPPER ASSY.: DOUBLE SW-LT. (SEE COMMON ASSY.)
	A365-00045-0000	FLIPPER BREAK SWITCH ASSY.
14	AE52-00501-00XF	PLAYFIELD & INSERTS SCREENED & PIERCED
15	0017-00041-0633	BUMPER: WHITE RUBBER (2 REQ'D.)
16	0017-00041-0637	BUMPER: WHITE RUBBER (6 REQ'D.)
17	0017-00041-0641	BUMPER: I.D. = 15/64" RUBBER (4 REQ'D.)
18	0017-00041-0642	BUMPER: I.D. = 3/4" RUBBER
19	0017-00041-0643	BUMPER: I.D. = 1" RUBBER
20	0017-00041-0644	BUMPER: I.D. = 1-1/2" RUBBER
21	0017-00041-0646	BUMPER: I.D. = 2-1/2" RUBBER

TOP PLAYFIELD ASSEMBLY W/O PLASTICS - PARTS LIST, CONT'D.
PART NO. AE52-00004-0000

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
22	0017-00041-0647	BUMPER: I.D. = 3" RUBBER (2 REQ'D.)
23	0017-00041-0653	BUMPER: FLIPPER 3" YELLOW RUBBER (2 REQ'D.)
24	0017-00041-0682	BUMPER: FLIPPER 3" RED RUBBER (2 REQ'D.)
25	0017-00041-0716	BUMPER: WHITE RUBBER (3 REQ'D.)
26	0017-00042-0414	RING: LOCKING (MOLDED-THUMPER BUMPER) (2 REQ'D.)
27	0017-00042-0566	COLLAR: THUMPER BUMPER, RED
28	0E52-00910-0000	COLLAR: THUMPER BUMPER
29	0017-00042-0588	POST: L=1" RED (8 REQ'D.)
30	0017-00042-0596	POST: L=1-3/16" RED (11 REQ'D.)
31	0017-00091-0071	SHIELD: PROTECTIVE MYLAR (SLINGSHOT) (7 REQ'D.)
32	0331-00903-0000	SHIELD: PROTECTIVE MYLAR (THUMPER BUMPER)
33	0E34-00905-0000	SHIELD: PROTECTIVE MYLAR (THUMPER BUMPER) 20°
34	A967-00053-0100	THUMPER BUMPER ASSY. (2 REQ'D.)
35	0360-00147-00XF	BRKT.: BALL STOP
36	0360-00174-00XF	BALL RUNWAY
37	0360-00175-5300	WIRE-FORM: BALL GUIDE 2-3/8" (2 REQ'D.)
38	0360-00188-00XF	GUIDE: BALL RETURN
39	0360-00322-0000	PROTECTIVE ANGLE
40	0017-00042-0596	POST: BUMPER 1-3/16" (RED PLASTIC)
41	0360-00733-00XF	POST: BUMPER (NICKEL) (22 REQ'D.)
42	0360-00738-01XF	STUD: 6 X 11/16" (15 REQ'D.)
43	0360-00738-02XF	STUD: 6 X 1-1/2" WOOD SCREW (COPPER) (5 REQ'D.)
44	0365-00151-1125	WIRE FORM: BALL GUIDE 1-1/8" (2 REQ'D.)

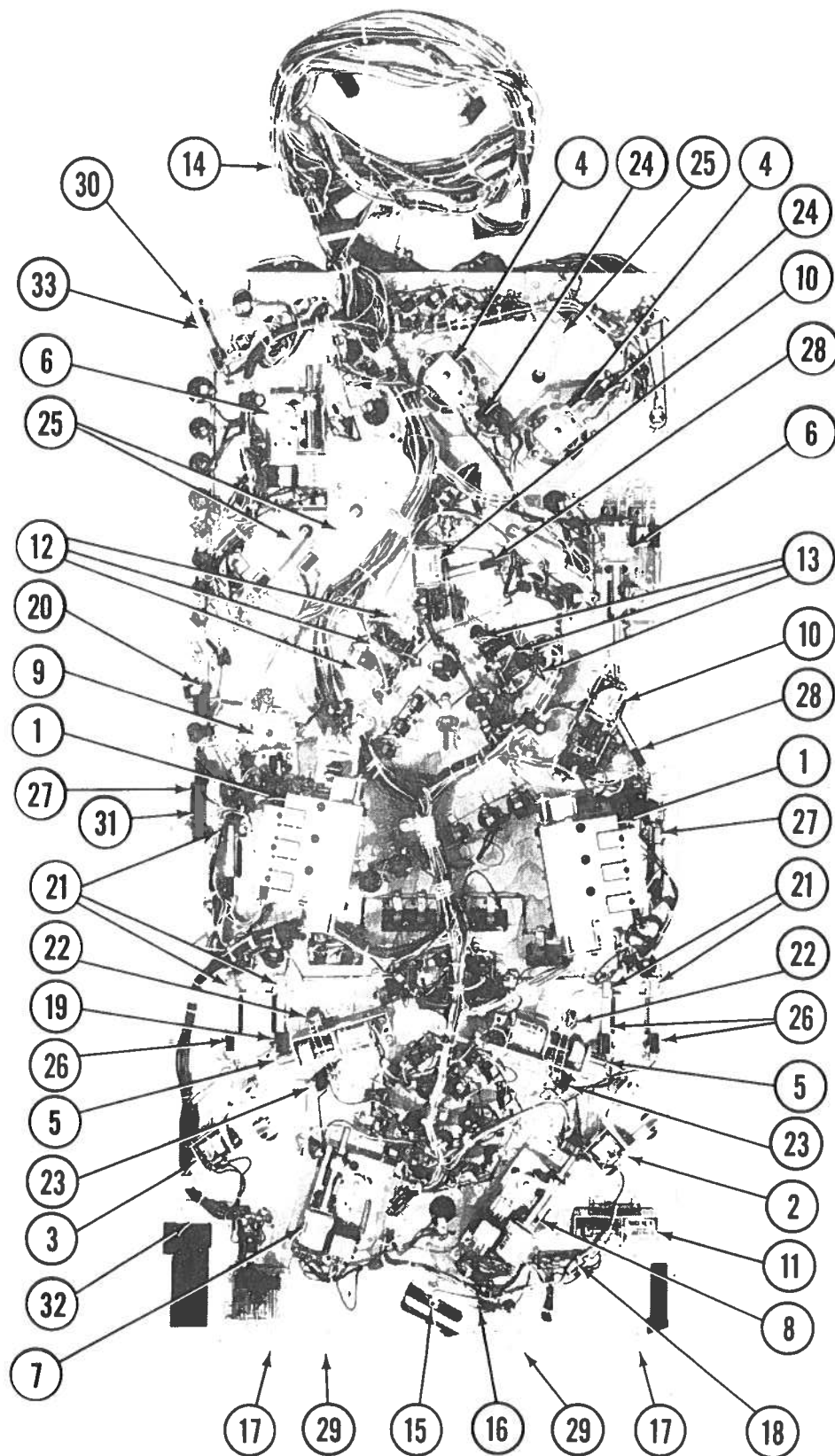
TOP PLAYFIELD ASSEMBLY W/O PLASTICS - PARTS LIST, CONT'D.
PART NO. AE52-00004-0000

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
45	0365-00151-2000	WIRE FORM: BALL GUIDE 2"
46	0365-00151-3625	WIRE FORM: BALL GUIDE 3-5/8"
47	0365-00151-5500	WIRE FORM: BALL GUIDE 5-1/2"
48	0365-00151-6000	WIRE FORM: BALL GUIDE 6"
49	0365-00154-0000	WIRE FORM: SCORING GATE (2 REQ'D.)
50	0365-00157-0000	WIRE FORM: L=1-1/2" D=1-1/32" (4 REQ'D.)
51	0365-00159-0000	WIRE FORM: SCORING GATE 2-5/8"
52	0365-00160-0000	WIRE FORM: SCORING GATE 3-1/4"
53	0371-00129-00XF	BALL-CHANNEL: REAR
54	0390-00110-0000	WIRE FORM: FREE BALL GATE

BOTTOM PLAYFIELD ASSEMBLY

PART NO. AE52-00004-0000



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PART NO. AE52-00004-0000

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	AE52-00013-0000	DROP TARGET ASSY. 3 BANK (SEE COMMON ASSY.) (2 REQ'D.)
2	A365-00085-0000	FREE GATE RELAY ASSY. (CLOCKWISE)
3	A365-00086-0000	FREE GATE RELAY ASSY. (COUNTER CLOCKWISE)
4	A967-00053-0000	THUMPER BUMPER ASSY. (SEE COMMON ASSY.) (2 REQ'D.)
5	A967-00059-0000	SLINGSHOT KICKER COIL ASSY. (SEE COMMON ASSY.) (2 REQ'D.)
6	AC70-00022-0200	FLIPPER ASSY. SINGLE SWITCH LEFT (SEE COMMON ASSY.) (2 REQ'D.)
7	AC70-00023-0100	FLIPPER ASSY. DOUBLE SWITCH RIGHT (SEE COMMON ASSY.)
8	AC70-00023-0200	FLIPPER ASSY. DOUBLE SWITCH LEFT (SEE COMMON ASSY.)
9	A369-00017-0000	BALL KICKBACK ASSY. (SEE COMMON ASSY.)
10	A967-00054-0000	EJECT HOLE ASSY. (SEE COMMON ASSY.) (2 REQ'D.)
11	A360-00235-0000	KNOCKER ASSY. (SEE COMMON ASSY.)
12	AE52-00028-0000	TARGET, SWITCH, DIODE & CAP ASSY. RT. (3 REQ'D.)
	AE52-00026-0000	TARGET, SWITCH ASSY.
13	AE52-00028-0100	TARGET, SWITCH, DIODE & CAP ASSY. LT. (3 REQ'D.)
	AE52-00026-0100	TARGET SWITCH ASSY.
14	AE52-00005-0000	PLAYFIELD CABLE ASSY.
15	A360-00217-0000	WIRE ACTUATOR ASSY.
	0360-00135-0000	BRKT.: ROLLOVER WIRE LEFT
	0360-00931-0000	WIRE FORM: BALL RETURN
16	A360-00241-0000	SWITCH & DIODE ASSY.
	A360-00055-0000	SWITCH ASSY.: BALL RETURN
17	0B42-00102-00XF	BRKT.: BOTTOM ARCH (2 REQ'D.)
18	0017-00003-0103	FUSE: MDL 3AG 1A 250V SLO-BLO
19	A331-00042-0000	WIRE ACTUATOR ASSY. (3 REQ'D.)

BOTTOM PLAYFIELD ASSEMBLY - PARTS LIST
PART NO. AE52-00004-0000

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ITEM	PART NO.	DESCRIPTION
	0360-00135-0000	BRKT.: ROLLOVER WIRE LEFT
	0360-00929-0200	WIRE FORM: ROLLOVER LEFT
20	A360-00215-0100	WIRE ACTUATOR ASSY.: RIGHT
	0360-00134-0000	BRKT.: ROLLOVER WIRE RIGHT
	0369-00903-0100	WIRE FORM: ROLLOVER RIGHT
21	A360-00216-0000	WIRE ACTUATOR ASSY.: RIGHT (3 REQ'D.)
	0360-00134-0000	BRKT.: ROLLOVER WIRE RIGHT
	0360-00930-0000	WIRE FORM: ROLLOVER RIGHT
22	A360-00230-0000	SWITCH & BRACKET ASSY.: SLINGSHOT ASSY. (2 REQ'D.)
	A360-00069-0000	SWITCH ASSY.
23	A360-00239-0000	SWITCH & DIODE ASSY.: SLINGSHOT ASSY. (2 REQ'D.)
	A360-00069-0000	SWITCH ASSY.
24	A360-00245-0000	SWITCH, DIODE & PLATE ASSY. (2 REQ'D.)
	A360-00058-0000	SWITCH ASSY.
25	A360-00245-0100	SWITCH, DIODE & PLATE ASSY.: W/CAP (3 REQ'D.)
	A360-00058-0000	SWITCH ASSY.
26	A365-00035-0000	SWITCH, DIODE & PLATE ASSY. (5 REQ'D.)
	A360-00243-0000	SWITCH & DIODE ASSY.
	A360-00061-0000	SWITCH ASSY.
27	A365-00035-0100	SWITCH, DIODE & PLATE ASSY.: W/CAP (3 REQ'D.)
	A360-00061-0000	SWITCH ASSY.
28	A365-00036-0000	SWITCH, DIODE & PLATE ASSY. (EJECT HOLE) (2 REQ'D.)
	A967-00075-0000	SWITCH ASSY.

BOTTOM PLAYFIELD ASSEMBLY - PARTS LIST, CONT'D.
PART NO. AE52-00004-0000

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
29	0365-00134-00XF	SUPPORT: PLAYFIELD (2 REQ'D.)
30	A365-00091-0300	MUSHROOM - BUMPER ASSY.: YELLOW CAP (2 REQ'.D)
31	A365-00092-0100	WIRE ACTUATOR ASSY.: RIGHT
	0360-00134-0000	BRKT.: ROLLOVER WIRE RIGHT
32	0B42-00100-00XF	BALL CONTROL PLATE
33	0A40-00032-0000	SWITCH ASSY. (MUSHROOM BUMPER)



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