

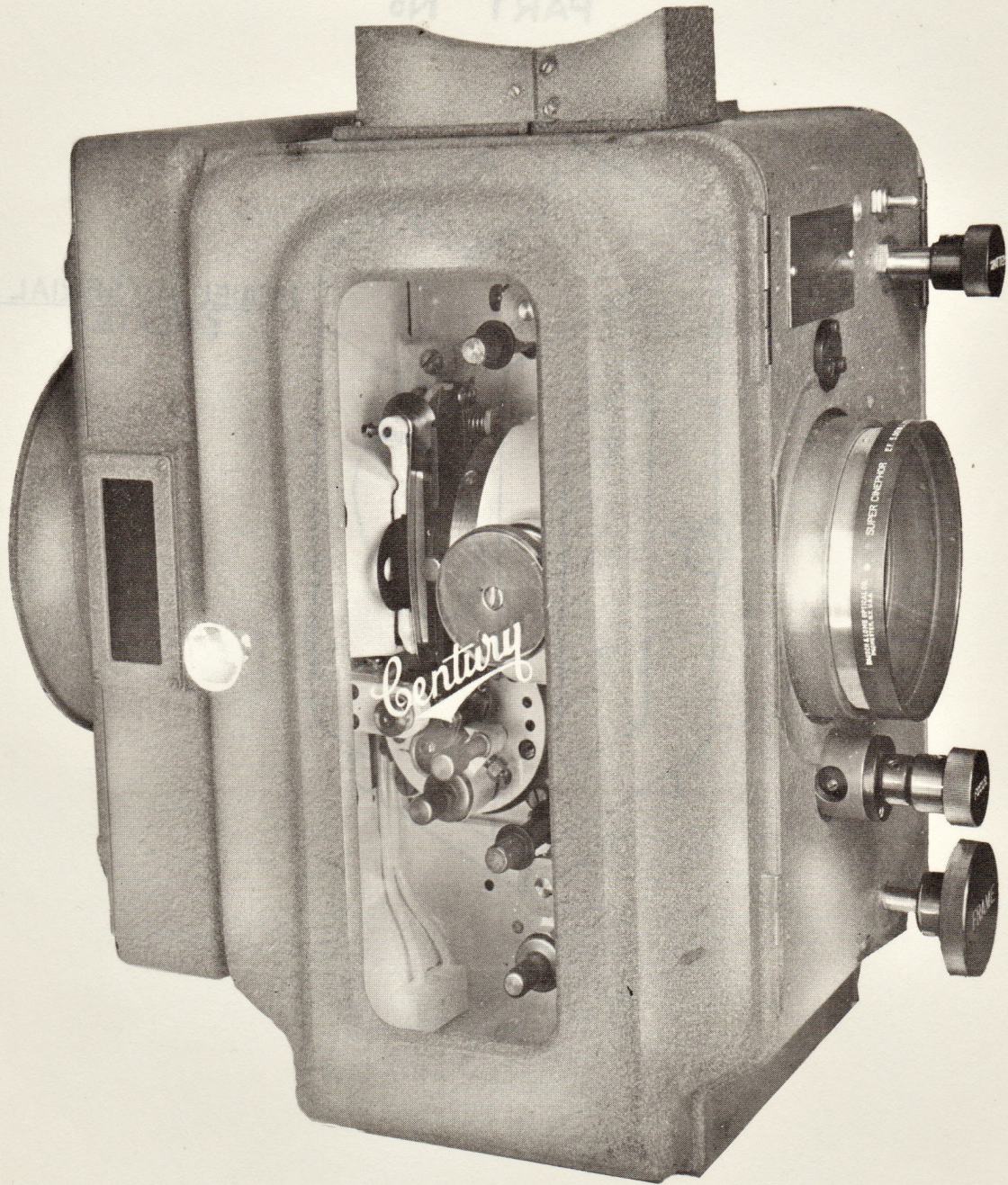


PROJECTOR MECHANISMS
PARTS LIST

CENTURY PROJECTOR CORPORATION

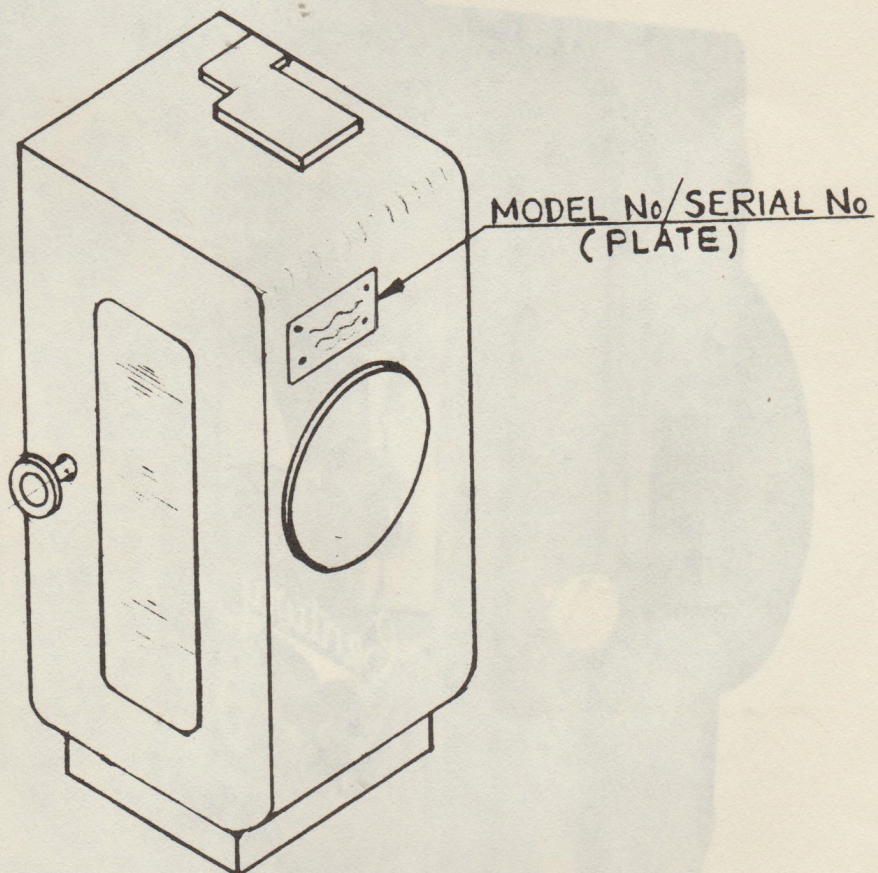
Century

The Modern Projector



CENTURY PROJECTOR CORPORATION

WHEN ORDERING PARTS
INCLUDE:
MODEL No
SERIAL No
PART No



PRECISION - MADE



for
MODELS SA-MSA SERIES
PROJECTOR MECHANISMS

CENTURY PROJECTOR CORPORATION

A DIVISION OF UNITED INDUSTRIAL SYNDICATE, INC.

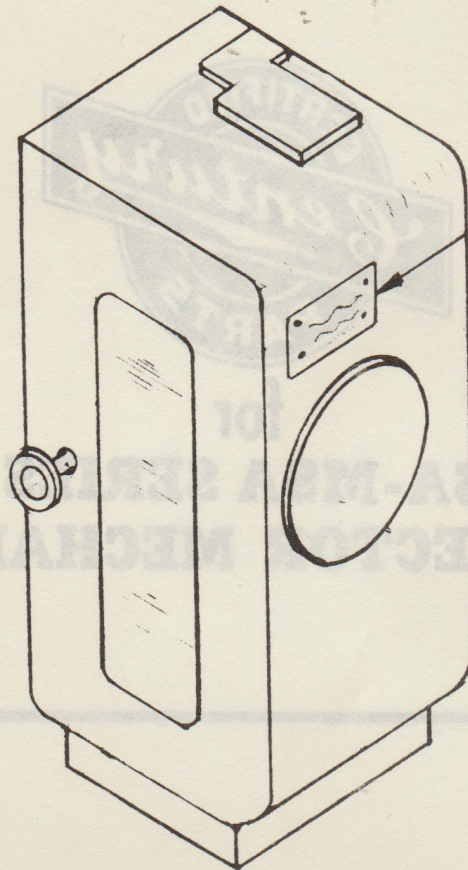
WHEN ORDERING PARTS

INCLUDE:

MODEL No

SERIAL No

PART No



MODEL No/SERIAL No
(PLATE)

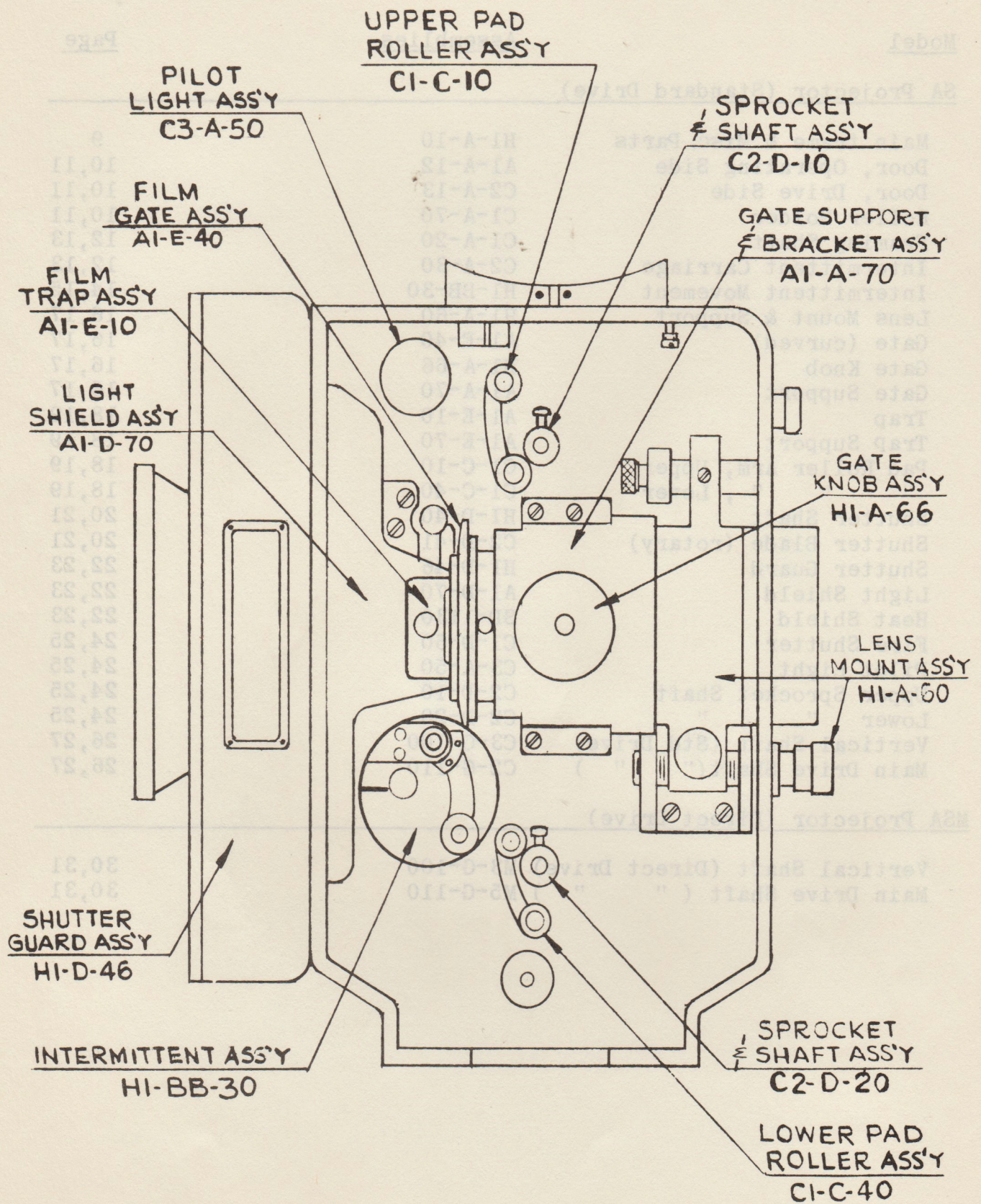
CENTURY PROJECTOR CORPORATION

A DIVISION OF UNITED INDUSTRIAL SYNDICATE, INC.

CONTENTS

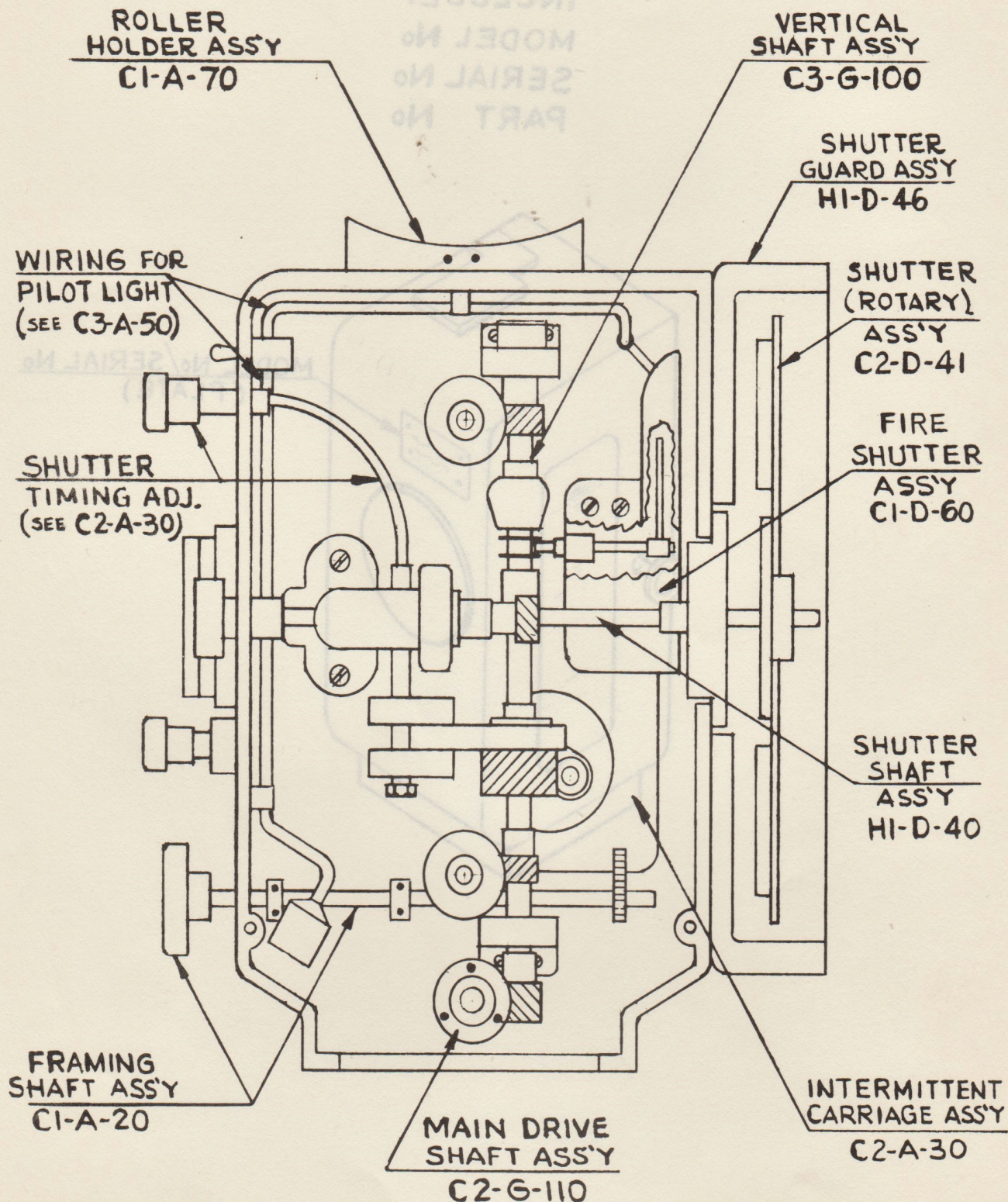
<u>Model</u>	<u>Assemblies</u>	<u>Page</u>
<u>SA Projector (Standard Drive)</u>		
Main frame & Misc. Parts	H1-A-10	9
Door, Operating Side	A1-A-12	10,11
Door, Drive Side	C2-A-13	10,11
Roller Holder	C1-A-70	10,11
Framing Shaft	C1-A-20	12,13
Intermittent Carriage	C2-A-30	12,13
Intermittent Movement	H1-BB-30	14,15
Lens Mount & Support	H1-A-60	16,17
Gate (curved)	A1-E-40	16,17
Gate Knob	H1-A-66	16,17
Gate Support	A1-A-70	16,17
Trap	A1-E-10	18,19
Trap Support	A1-E-70	18,19
Pad Roller Arm, Upper	C1-C-10	18,19
" " " , Lower	C1-C-40	18,19
Shutter Shaft	HI-D-40	20,21
Shutter Blade (rotary)	C2-D-41	20,21
Shutter Guard	HI-D-46	22,23
Light Shield	A1-D-70	22,23
Heat Shield	SD-1130	22,23
Fire Shutter	C1-D-60	24,25
Pilot Light	C3-A-50	24,25
Upper Sprocket Shaft	C2-D-10	24,25
Lower " "	C2-D-20	24,25
Vertical Shaft (Std Drive)	C3-G-100	26,27
Main Drive Shaft(" ")	C2-G-110	26,27
<u>MSA Projector (Direct Drive)</u>		
Vertical Shaft (Direct Drive)	M3-G-100	30,31
Main Drive Shaft (" ")	M5-G-110	30,31

"SA" PROJECTOR (STANDARD DRIVE)



OPERATING SIDE

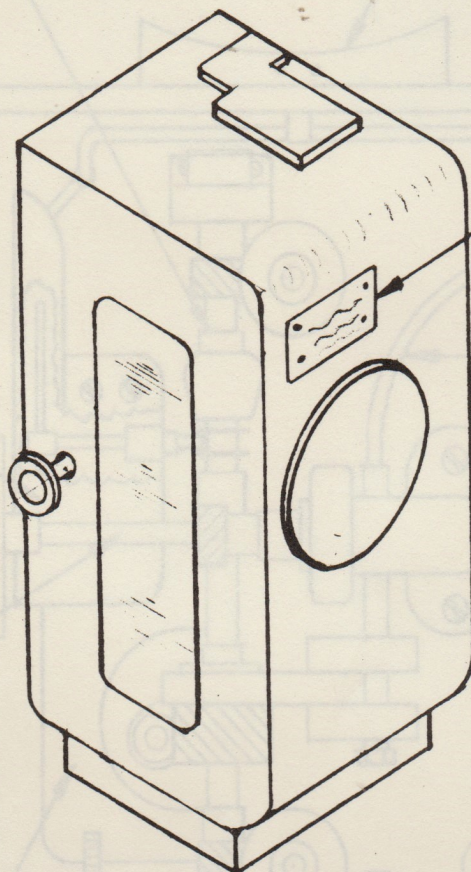
"SA" PROJECTOR (STANDARD DRIVE)



FOR DRIVE BELTS & PULLEYS
SEE REPRODUCER PARTS BOOK

DRIVE SIDE

WHEN ORDERING PARTS
INCLUDE:
MODEL No
SERIAL No
PART No



MODEL No/SERIAL No
(PLATE)

FOR DRIVE BELTS & PULLEYS
SEE REPRODUCER PARTS BOOK

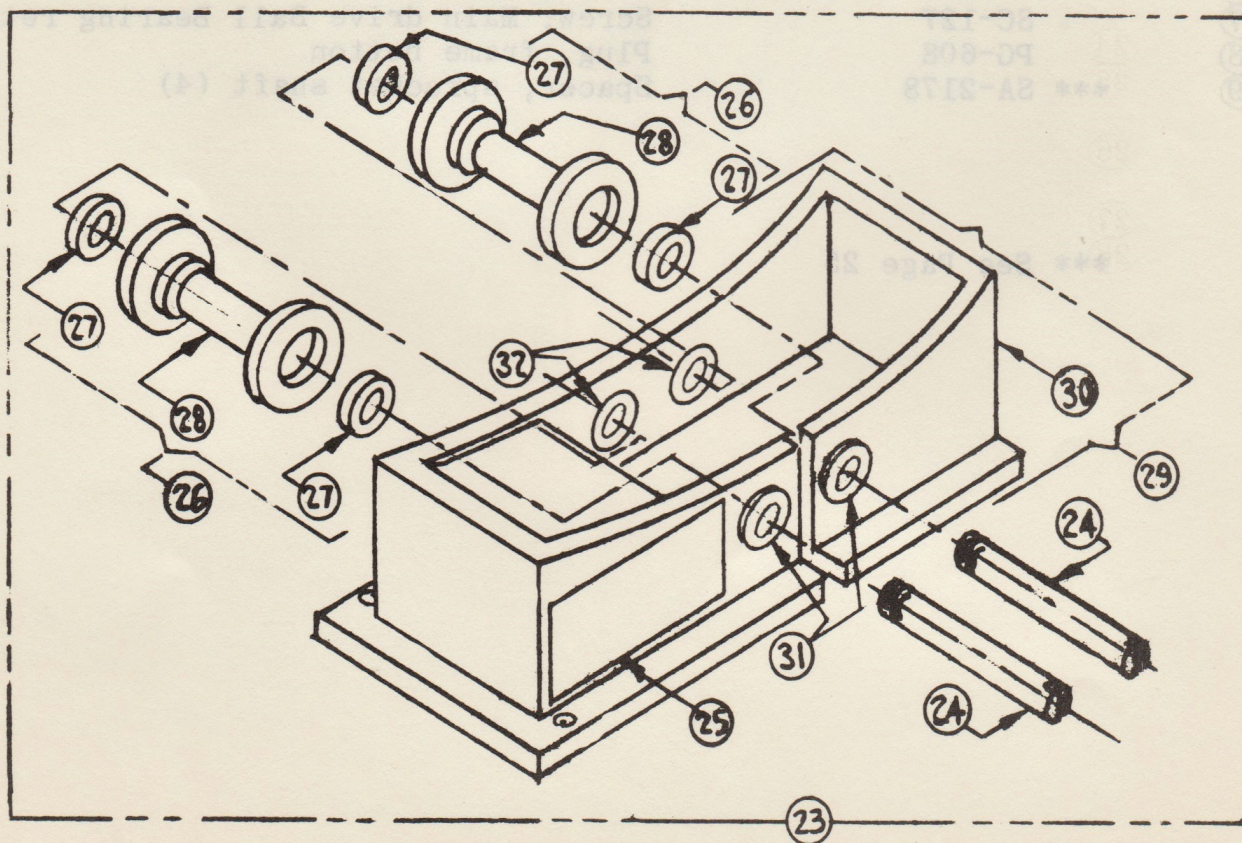
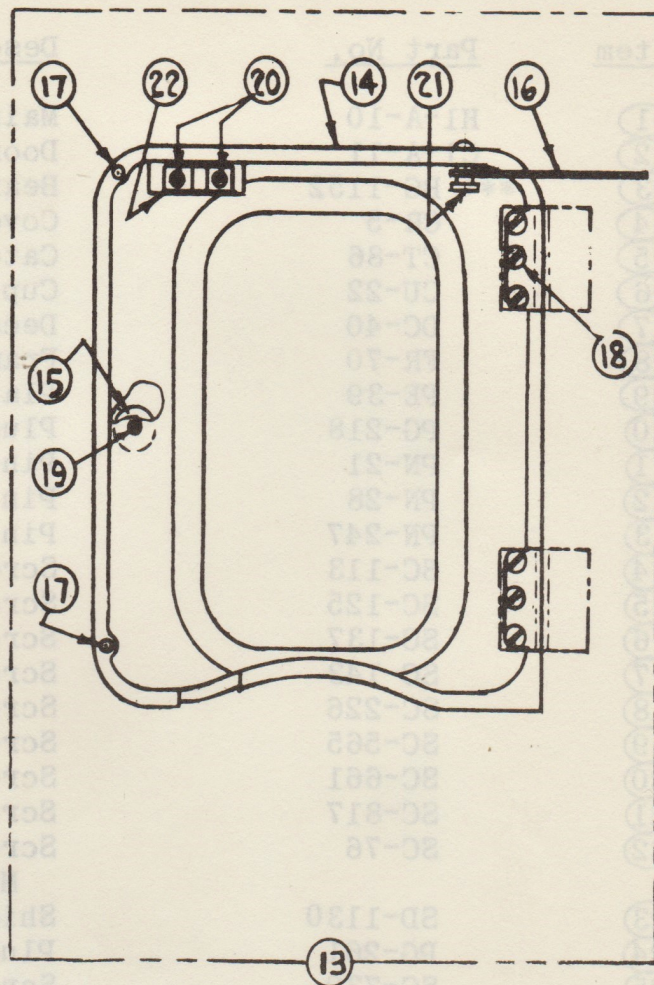
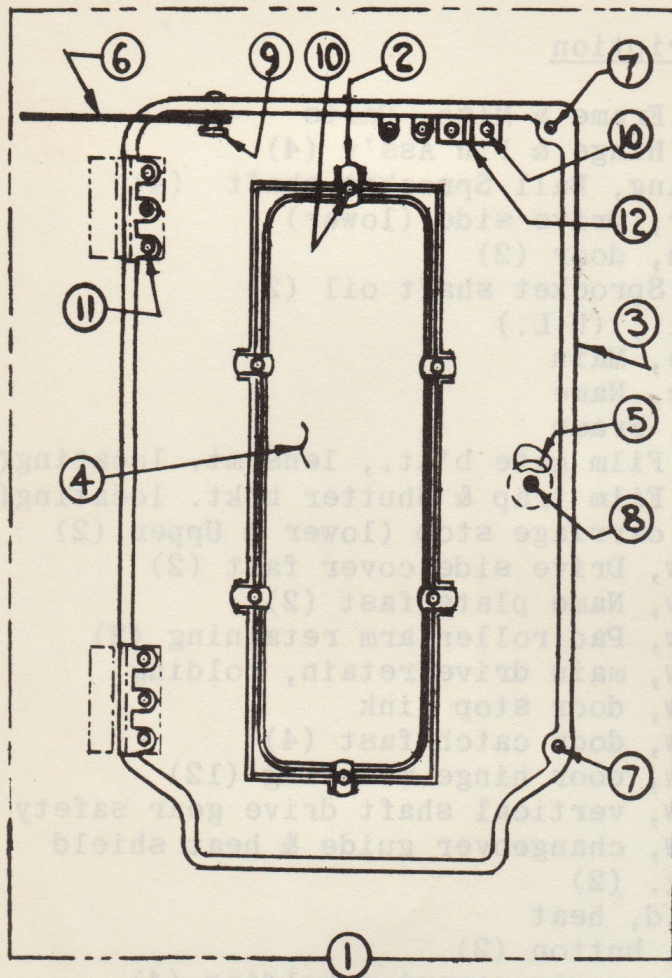
DRIVE SIDE

CENTURY MODEL "SA" PROJECTOR

Item	Part No.	Description
①	H1-A-10	Main Frame & Misc. Parts
②	C1-A-11	Door Hinge & Pin Ass'y (4)
③	*** BG-1152	Bearing, Ball Sprocket shaft (4)
④	CR-5	Cover, Drive side (lower)
⑤	CT-86	Catch, door (2)
⑥	CU-22	Cup, Sprocket shaft oil (2)
⑦	DC-40	Decal., (U.L.)
⑧	FR-70	Frame, Main
⑨	PE-39	Plate, Name
⑩	PG-218	Plug, Frame
⑪	PN-21	Pin, Film gate b'kt., lens mt. locating(3)
⑫	PN-28	Pin, Film trap & Shutter b'kt. locating(5)
⑬	PN-247	Pin, carriage stop (lower & Upper (2)
⑭	SC-113	Screw, Drive side cover fast (2)
⑮	SC-125	Screw, Name plate fast (2)
⑯	SC-137	Screw, Pad roller arm retaining (2)
⑰	SC-143	Screw, main drive retain, holding
⑱	SC-226	Screw, door stop link
⑲	SC-565	Screw, door catch fast (4)
⑳	SC-661	Screw, door hinge mounting (12)
㉑	SC-817	Screw, vertical shaft drive gear safety
㉒	SC-76	Screw, changeover guide & heat shield Mtg. (2)
㉓	SD-1130	Shield, heat
㉔	PG-261	Plug, button (2)
㉕	SC-739	Screw, upper magazine holding (4)
㉖	RT-2	Retainer, Main drive
㉗	SC-127	Screw, Main drive Ball Bearing retain (3)
㉘	PG-608	Plug, frame button
㉙	*** SA-2178	Spacer, sprocket shaft (4)

*** See Page 25

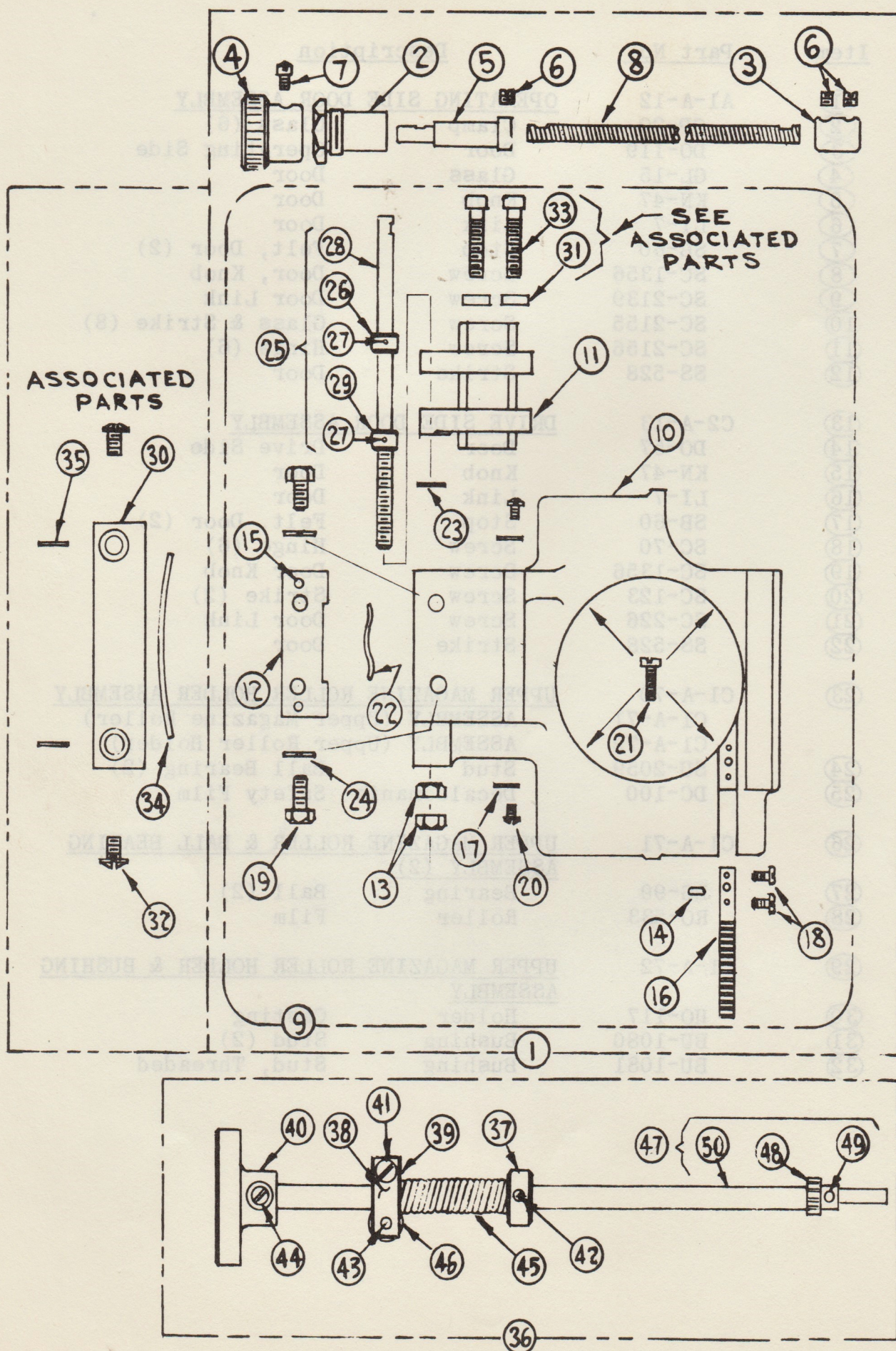
CENTURY MODEL "SA" PROJECTOR



CENTURY MODEL "SA" PROJECTOR

<u>Item</u>	<u>Part No.</u>	<u>Description</u>	
(1)	A1-A-12	<u>OPERATING SIDE DOOR ASSEMBLY</u>	
(2)	CP-20	Clamp	Glass (6)
(3)	DO-119	Door	Operating Side
(4)	GL-15	Glass	Door
(5)	KN-47	Knob	Door
(6)	LI-7	Link	Door
(7)	SB-60	Stop	Felt, Door (2)
(8)	SC-1356	Screw	Door, Knob
(9)	SC-2139	Screw	Door Link
(10)	SC-2155	Screw	Glass & Strike (8)
(11)	SC-2156	Screw	Hinge (6)
(12)	SS-528	Strike	Door
(13)	C2-A-13	<u>DRIVE SIDE DOOR ASSEMBLY</u>	
(14)	DO-57	Door	Drive Side
(15)	KN-47	Knob	Door
(16)	LI-7	Link	Door
(17)	SB-60	Stop	Felt, Door (2)
(18)	SC-70	Screw	Hinge (6)
(19)	SC-1356	Screw	Door Knob
(20)	SC-123	Screw	Strike (2)
(21)	SC-226	Screw	Door Link
(22)	SS-528	Strike	Door
(23)	C1-A-70	<u>UPPER MAGAZINE ROLLER HOLDER ASSEMBLY</u>	
	C1-A-71	ASSEMBLY (Upper Magazine Roller)	
	C1-A-72	ASSEMBLY (Upper Roller Holder)	
(24)	SU-2059	Stud	Ball Bearing (2)
(25)	DC-100	Decalcomania	Safety Film
(26)	C1-A-71	<u>UPPER MAGAZINE ROLLER & BALL BEARING ASSEMBLY (2)</u>	
(27)	BG-99	Bearing	Ball (2)
(28)	RO-533	Roller	Film
(29)	C1-A-72	<u>UPPER MAGAZINE ROLLER HOLDER & BUSHING ASSEMBLY</u>	
(30)	HO-117	Holder	Casting
(31)	BU-1080	Bushing	Stud (2)
(32)	BU-1081	Bushing	Stud, Threaded

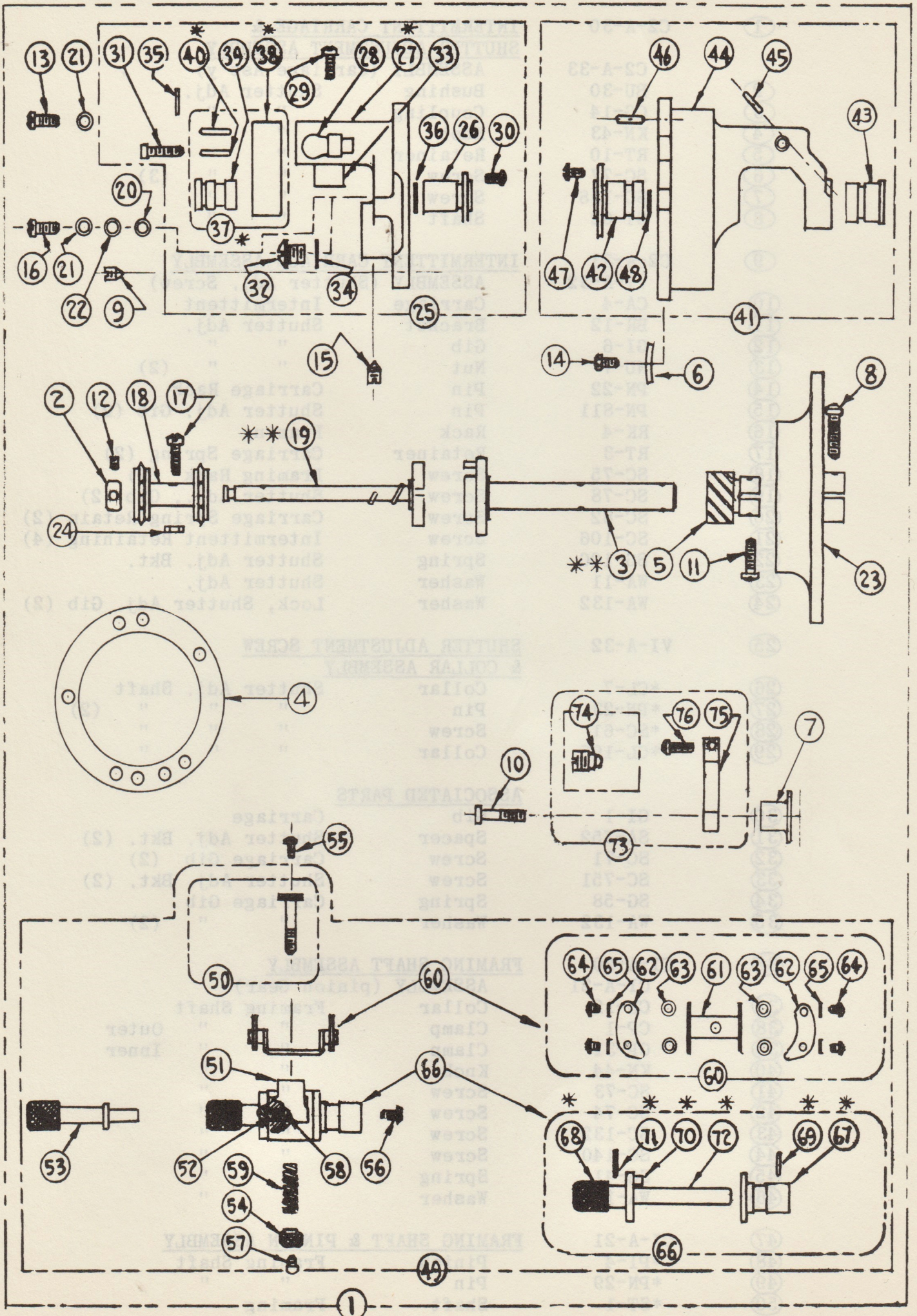
CENTURY MODEL "SA" PROJECTOR



CENTURY MODEL "SA" PROJECTOR

Item	Part No.	Description
(1)	C2-A-30	<u>INTERMITTENT CARRIAGE & SHUTTER ADJUSTMENT ASSEMBLY</u>
	C2-A-33	ASSEMBLY (Carriage Ass'y)
(2)	BU-30	Bushing Shutter Adj.
(3)	CG-14	Coupling " "
(4)	KN-43	Knob " "
(5)	RT-10	Retainer " "
(6)	SC-77	Screw " " (3)
(7)	SC-138	Screw " "
(8)	ST-62	Shaft " "
(9)	C2-A-33	<u>INTERMITTENT CARRIAGE ASSEMBLY</u>
	VI-A-32	ASSEMBLY (Shutter Adj. Screw)
(10)	CA-4	Carriage Intermittent
(11)	BR-12	Bracket Shutter Adj.
(12)	GI-6	Gib " "
(13)	NU-7	Nut " " (2)
(14)	PN-22	Pin Carriage Rack
(15)	PN-811	Pin Shutter Adj. Gib (2)
(16)	RK-4	Rack Framing
(17)	RT-3	Retainer Carriage Spring (2)
(18)	SC-75	Screw Framing Rack (2)
(19)	SC-78	Screw Shutter Adj., Gib (2)
(20)	SC-82	Screw Carriage Spring Retain (2)
(21)	SC-106	Screw Intermittent Retaining (4)
(22)	SG-100	Spring Shutter Adj. Bkt.
(23)	WA-11	Washer Shutter Adj.
(24)	WA-132	Washer Lock, Shutter Adj. Gib (2)
(25)	VI-A-32	<u>SHUTTER ADJUSTMENT SCREW & COLLAR ASSEMBLY</u>
(26)	*CL-7	Collar Shutter Adj. Shaft
(27)	*PN-23	Pin " " " (2)
(28)	*SC-61	Screw " " "
(29)	*CL-195	Collar " " "
		<u>ASSOCIATED PARTS</u>
(30)	GI-1	Gib Carriage
(31)	SA-752	Spacer Shutter Adj. Bkt. (2)
(32)	SC-71	Screw Carriage Gib (2)
(33)	SC-751	Screw Shutter Adj. Bkt. (2)
(34)	SG-58	Spring Carriage Gib
(35)	WA-132	Washer " " (2)
(36)	CI-A-20	<u>FRAMING SHAFT ASSEMBLY</u>
	CI-A-21	ASSEMBLY (pinion Gear)
(37)	CL-12	Collar Framing Shaft
(38)	CP-1	Clamp " " Outer
(39)	CP-31	Clamp " " Inner
(40)	KN-44	Knob " "
(41)	SC-73	Screw " "
(42)	SC-74	Screw " "
(43)	SC-132	Screw " "
(44)	SC-140	Screw " "
(45)	SG-41	Spring " "
(46)	WA-11	Washer " "
(47)	CI-A-21	<u>FRAMING SHAFT & PINION ASSEMBLY</u>
(48)	*PI-4	Pinion Framing Shaft
(49)	*PN-29	Pin " "
(50)	*ST-1	Shaft Framing

CENTURY MODEL "SA" PROJECTOR



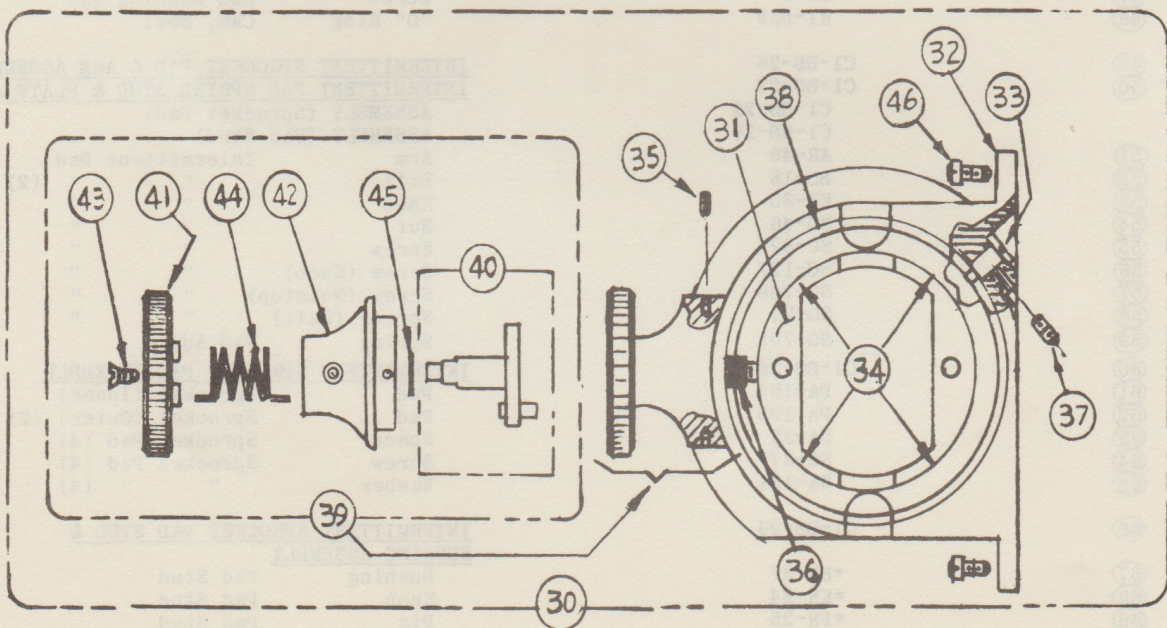
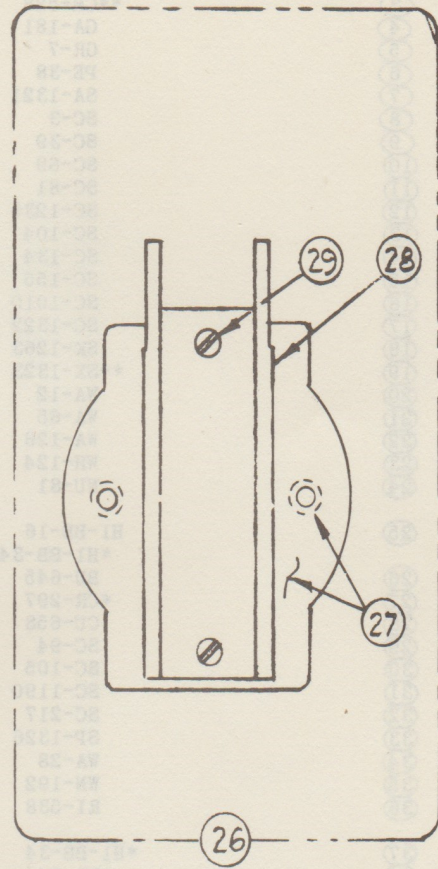
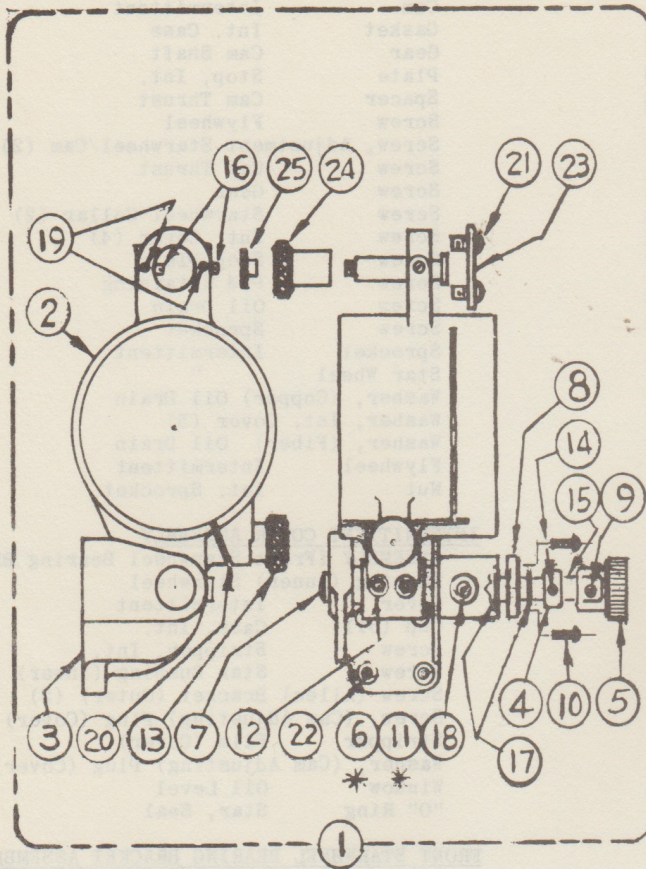
CENTURY MODEL "SA" PROJECTOR

Item	Part No.	Description
(1)	HI-BB-30	<u>INTERMITTENT MOVEMENT ASSEMBLY</u>
	HI-BB-16	ASSEMBLY (Intermittent Cover)
	HI-BB-17	ASSEMBLY (" Case)
	CI-BB-26	ASSEMBLY (Sprocket Pad)
	HI-BB-31	ASSEMBLY (Cam Thrust)
(2)	CL-530	Collar Starwheel Shaft
(3)	**CM-528	Cam Intermittent
(4)	GA-181	Gasket Int. Case
(5)	GR-7	Gear Cam Shaft
(6)	PE-38	Plate Stop, Int.
(7)	SA-1321	Spacer Cam Thrust
(8)	SC-3	Screw Flywheel
(9)	SC-39	Screw, Adjustment Starwheel/Cam (2)
(10)	SC-69	Screw Cam Thrust
(11)	SC-81	Screw Gear
(12)	SC-1235	Screw Starwheel Collar (2)
(13)	SC-104	Screw Int. Cover (4)
(14)	SC-134	Screw Stop Plate
(15)	SC-155	Screw Pad Retaining
(16)	SC-1010	Screw Oil Drain
(17)	SC-1322	Screw Sprocket
(18)	SK-1263	Sprocket Intermittent
(19)	**SX-1323	Star Wheel " "
(20)	WA-12	Washer, (Copper) Oil Drain
(21)	WA-65	Washer, Int. Cover (5)
(22)	WA-126	Washer, (Fiber) Oil Drain
(23)	WH-124	Flywheel Intermittent
(24)	NU-81	Nut Int. Sprocket
(25)	HI-BB-16	<u>INTERMITTENT COVER ASSEMBLY</u>
	*HI-BB-34	ASSEMBLY (Front Starwheel Bearing Bkt.)
(26)	BU-645	Bushing (Inner) Starwheel
(27)	*CR-297	Cover Intermittent
(28)	CU-658	Cup (oil) Case, Int.
(29)	SC-94	Screw Stripper, Int.
(30)	SC-105	Screw Star Bushing (Inner) (3)
(31)	SC-1190	Screw (Allen) Bracket (Outer) (2)
(32)	SC-217	Screw, (Cam Adjusting) Plug (Cover)
(33)	SP-1326	Stripper Film (Cover)
(34)	WA-28	Washer, (Cam Adjusting) Plug (Cover)
(35)	WN-192	Window Oil Level
(36)	RI-538	"O" Ring Star, Seal
(37)	*HI-BB-34	<u>FRONT STARWHEEL BEARING BRACKET ASSEMBLY</u>
(38)	*BR-644	Bracket Star (Outer)
(39)	BU-646	Bushing " " "
(40)	*PN-665	Pin Star Bracket (2)
(41)	HI-BB-17	<u>INTERMITTENT CASE ASSEMBLY</u>
(42)	BU-21	Bushing Cam (Inner)
(43)	BU-40	Bushing Cam (Outer)
(44)	CS-529	Case Intermittent
(45)	PG-159	Plug Felt
(46)	PN-32	Pin (Pivot) Case to Cover
(47)	SC-7	Screw Cam Bushing (3)
(48)	RI-539	"O" Ring Cam, Seal
(49)	CI-BB-26	<u>INTERMITTENT SPROCKET PAD & ARM ASSEMBLY</u>
(50)	CI-BB-27	<u>INTERMITTENT PAD SPRING STUD & PLATE ASSEMBLY</u>
	CI-BB-28	ASSEMBLY (Sprocket Pad)
	CI-BB-29	ASSEMBLY (Pad Stud)
(51)	AR-46	Arm Intermittent Pad
(52)	BL-18	Ball " " (2)
(53)	KN-30	Knob " " "
(54)	NU-46	Nut " " "
(55)	SC-82	Screw " " "
(56)	SC-127	Screw (Knob) " " "
(57)	SC-708	Screw (Nutstop) " " "
(58)	SG-21	Spring (Ball) " " "
(59)	SG-705	Spring Pad Adj.
(60)	CI-BB-28	<u>INTERMITTENT SPROCKET PAD ASSEMBLY</u>
(61)	PA-194	Pad Sprocket (Inner)
(62)	PA-195	Pad Sprocket (Outer) (2)
(63)	SA-33	Spacer Sprocket Pad (4)
(64)	SC-877	Screw Sprocket Pad (4)
(65)	WA-151	Washer " " (4)
(66)	CI-BB-29	<u>INTERMITTENT SPROCKET PAD STUD & BUSHING ASSEMBLY</u>
(67)	*BU-27	Bushing Pad Stud
(68)	*KN-24	Knob Pad Stud
(69)	*PN-25	Pin Pad Stud
(70)	*PN-36	Pin (Stop) Pad Stud
(71)	*PN-68	Pin (Knob) Pad Stud
(72)	*SU-4	Stud Sprocket Pad
(73)	HI-BB-31	<u>CAM THRUST BALL BEARING & BRACKET ASSEMBLY</u>
(74)	CI-BB-11	<u>INTERMITTENT CAM THRUST BALL BEARING ASSEMBLY</u>
(75)	BR-643	Bracket Cam Thrust
(76)	SC-85	Screw " " "

* Not Sold Separately

** Recommend Ordering as "Matched Parts"

CENTURY MODEL "SA" PROJECTOR

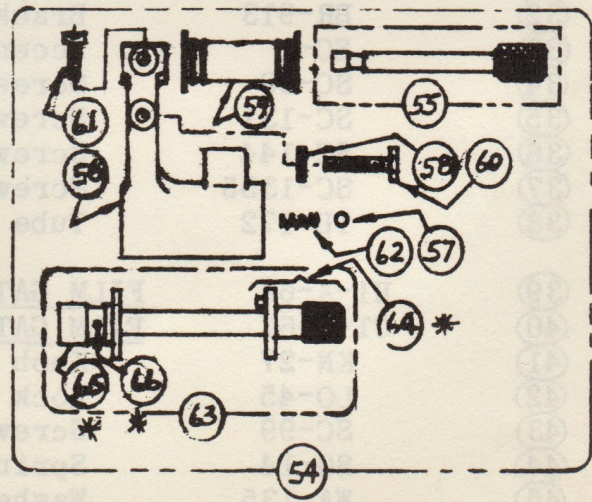
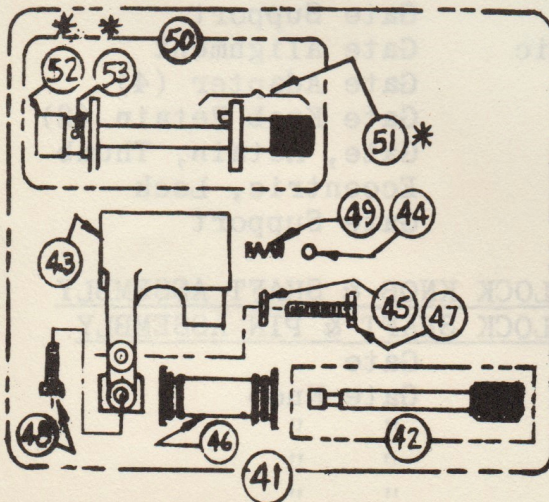
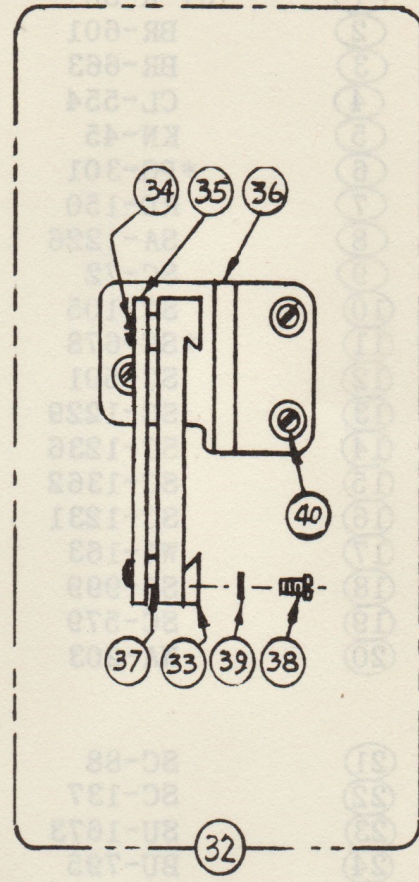
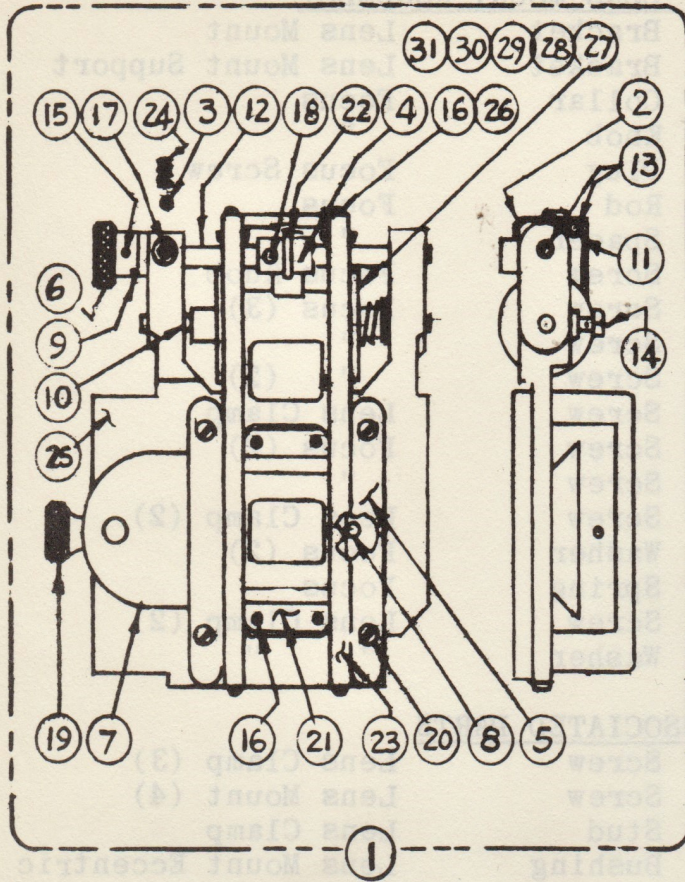


CENTURY MODEL "SA" PROJECTOR

<u>Item</u>	<u>Part No.</u>	<u>Description</u>	
(1)	H1-A-60	<u>4" LENS MOUNT ASSEMBLY</u>	
(2)	BR-601	Bracket	Lens Mount
(3)	BR-663	Bracket	Lens Mount Support
(4)	CL-554	Collar	Focus
(5)	KN-45	Knob	"
(6)	*PG-301	Plug	Focus Screw
(7)	RD-150	Rod	Focus
(8)	SA-1226	Spacer	"
(9)	SC-72	Screw	Focus Knob
(10)	SC-105	Screw	Focus (3)
(11)	*SC-678	Screw	"
(12)	SC-501	Screw	" (2)
(13)	SC-1229	Screw	Lens Clamp
(14)	SC-1236	Screw	Focus (2)
(15)	SC-1362	Screw	"
(16)	SC-1231	Screw	Lens Clamp (2)
(17)	WA-163	Washer	Focus (2)
(18)	SG-999	Spring	Focus
(19)	SC-579	Screw	Lens Clamp (2)
(20)	WA-203	Washer	" "
<u>ASSOCIATED PARTS</u>			
(21)	SC-88	Screw	Lens Clamp (3)
(22)	SC-137	Screw	Lens Mount (4)
(23)	SU-1673	Stud	Lens Clamp
(24)	BU-795	Bushing	Lens Mount Eccentric
(25)	NU-79	Nut	" " "
(26)	A1-E-40	<u>CURVED FILM GATE ASSEMBLY</u>	
(27)	A1-E-41	<u>FILM GATE PLATE & STUD ASSEMBLY</u>	
(28)	PA-853	Pad	Gate
(29)	SC-114	Screw	Gate Pad (2)
(30)	A1-A-70	<u>FILM GATE SUPPORT TUBE & BRACKET ASSEMBLY</u>	
	H1-A-66	ASSEMBLY (Gate Knob)	
(31)	AD-97	Adapter	Film Gate
(32)	BR-913	Bracket	Gate Support
(33)	EC-1	Eccentric	Gate Alignment
(34)	SC-98	Screw	Gate Adapter (4)
(35)	SC-131	Screw	Gate Knob Retain (2)
(36)	SC-144	Screw	Gate, Retain, Thumb
(37)	SC-1355	Screw	Eccentric, Lock
(38)	TU-172	Tube	Gate Support
(39)	H1-A-66	<u>FILM GATE LOCK KNOB & SHAFT ASSEMBLY</u>	
(40)	C1-A-67	<u>FILM GATE LOCK SHAFT & PIN ASSEMBLY</u>	
(41)	KN-27	Knob	Gate
(42)	LO-45	Lock	Gate Knob
(43)	SC-99	Screw	" "
(44)	SG-14	Spring	" "
(45)	WA-135	Washer	" "
<u>ASSOCIATED PARTS</u>			
(46)	SC-137	Screw	Gate Bkt. Mount (4)

* Not Sold Separately

CENTURY MODEL "SA" PROJECTOR

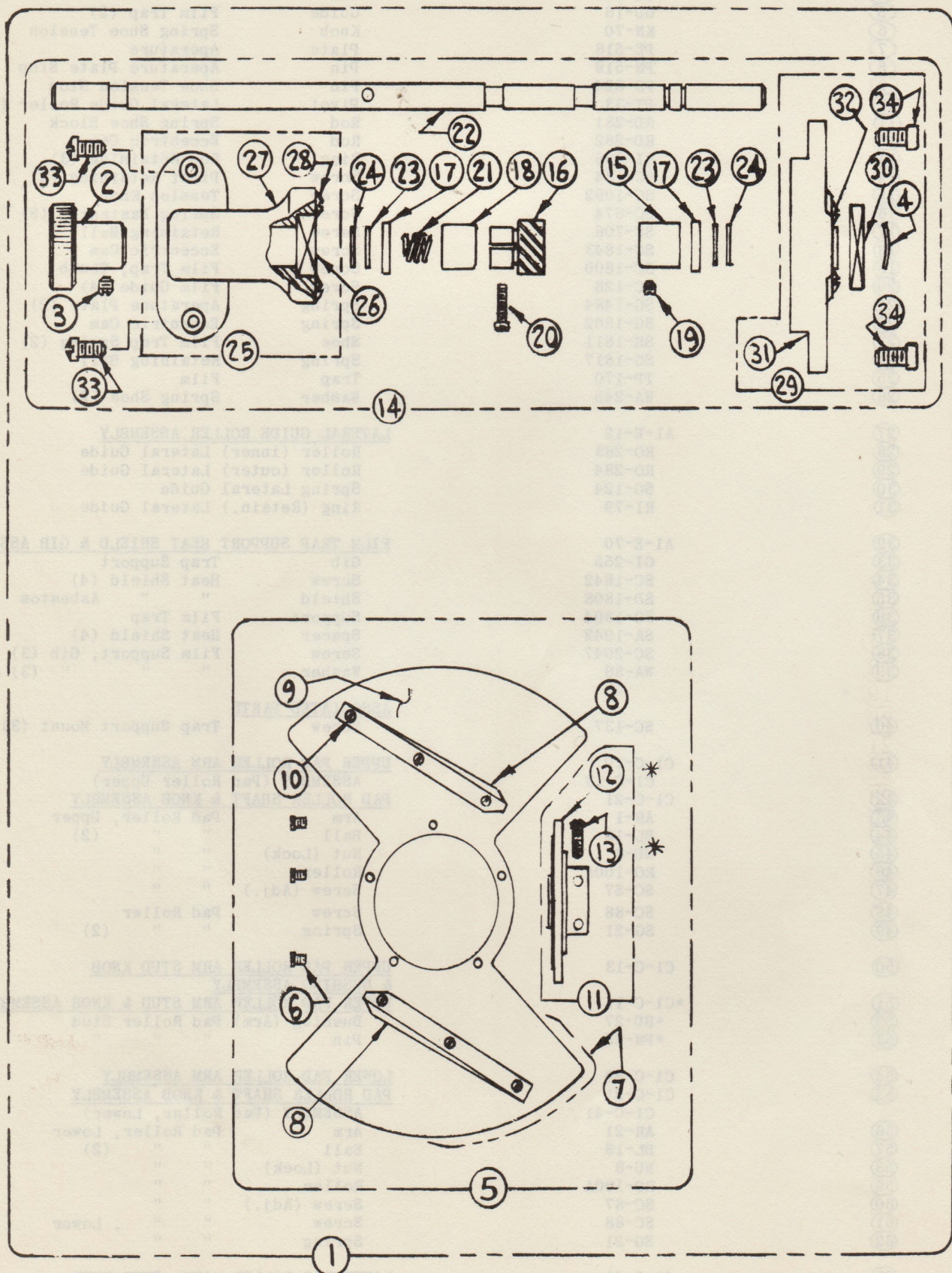


CENTURY MODEL "SA" PROJECTOR

Item	Part No.	Description
(1)	A1-E-10	<u>FILM TRAP ASSEMBLY</u>
(2)	A1-E-12	ASSEMBLY (Lateral Guide Roller)
(3)	A1-E-13	<u>SPRING RETAILING BLOCK & PIN ASSEMBLY</u>
(4)	BL-701	Ball Spring Shoe Tension
(5)	CM-685	Cam " " "
(6)	GU-16	Guide Film Trap (2)
(7)	KN-70	Knob Spring Shoe Tension
(8)	PE-518	Plate Aperature
(9)	PN-519	Pin Aperature Plate Stop
(10)	PN-824	Pin Shoe Tension Stop
(11)	PT-33	Pivot Lateral Guide Roller (2)
(12)	RD-281	Rod Spring Shoe Block
(13)	RD-282	Rod Eccentric Cam
(14)	RI-296	Ring Rod Retaining (3)
(15)	SC-134	Screw Pivot Retaining (2)
(16)	SC-1992	Screw Tension Knob
(17)	SC-674	Screw Spring Fastening (8)
(18)	SC-706	Screw Retaining Ball
(19)	SC-1843	Screw Eccentric Cam
(20)	SC-1800	Screw Film Trap, Thumb
(21)	SC-128	Screw Film Guide (4)
(22)	SG-1484	Spring Aperature Plate (2)
(23)	SG-1802	Spring Eccentric Cam
(24)	SH-1811	Shoe Film Trap Spring (2)
(25)	SG-1817	Spring Retaining Ball
(26)	TP-170	Trap Film
	WA-245	Washer Spring Shoe (2)
(27)	A1-E-12	<u>LATERAL GUIDE ROLLER ASSEMBLY</u>
(28)	RO-283	Roller (inner) Lateral Guide
(29)	RO-284	Roller (outer) Lateral Guide
(30)	SG-124	Spring Lateral Guide
(31)	RI-79	Ring (Retain.) Lateral Guide
(32)	A1-E-70	<u>FILM TRAP SUPPORT HEAT SHIELD & GIB ASSEMBLY</u>
(33)	GI-255	Gib Trap Support
(34)	SC-1842	Screw Heat Shield (4)
(35)	SD-1808	Shield " " Asbestos
(36)	SO-1804	Support Film Trap
(37)	SA-1942	Spacer Heat Shield (4)
(38)	SC-2047	Screw Film Support, Gib (3)
(39)	WA-88	Washer " " " (3)
(40)	SC-137	<u>ASSOCIATED PARTS</u>
		Screw Trap Support Mount (3)
(41)	C1-C-10	<u>UPPER PAD ROLLER ARM ASSEMBLY</u>
(42)	C1-C-13	ASSEMBLY (Pad Roller Upper)
(43)	C1-C-21	<u>PAD ROLLER SHAFT & KNOB ASSEMBLY</u>
(44)	AR-1	Arm Pad Roller, Upper
(45)	BL-18	Ball " " (2)
(46)	NU-8	Nut (Lock) " "
(47)	RO-100A	Roller " "
(48)	SC-87	Screw (Adj.) " "
(49)	SC-88	Screw Pad Roller
	SG-21	Spring " " (2)
(50)	C1-C-13	<u>UPPER PAD ROLLER ARM STUD KNOB</u>
		<u>& BUSHING ASSEMBLY</u>
(51)	*C1-C-11	<u>UPPER PAD ROLLER ARM STUD & KNOB ASSEMBLY</u>
(52)	*BU-27	Bushing (Arm) Pad Roller Stud
(53)	*PN-25	Pin " " "
(54)	C1-C-40	<u>LOWER PAD ROLLER ARM ASSEMBLY</u>
(55)	C1-C-21	<u>PAD ROLLER SHAFT & KNOB ASSEMBLY</u>
	C1-C-41	ASSEMBLY (Pad Roller, Lower)
(56)	AR-21	Arm Pad Roller, Lower
(57)	BL-18	Ball " " (2)
(58)	NU-8	Nut (Lock) " "
(59)	RO-100A	Roller " "
(60)	SC-87	Screw (Adj.) " "
(61)	SC-88	Screw " " , Lower
(62)	SG-21	Spring " " "
(63)	C1-C-41	<u>LOWER PAD ROLLER, ARM, STUD KNOB</u>
		<u>& BUSHING ASSEMBLY</u>
(64)	*C1-C-42	<u>LOWER PAD ROLLER, ARM, STUD & KNOB ASSEMBLY</u>
(65)	*BU-27	Bushing (Arm) Pad Roller Stud
(66)	*PN-25	Pin " " "

* Not Sold Separately

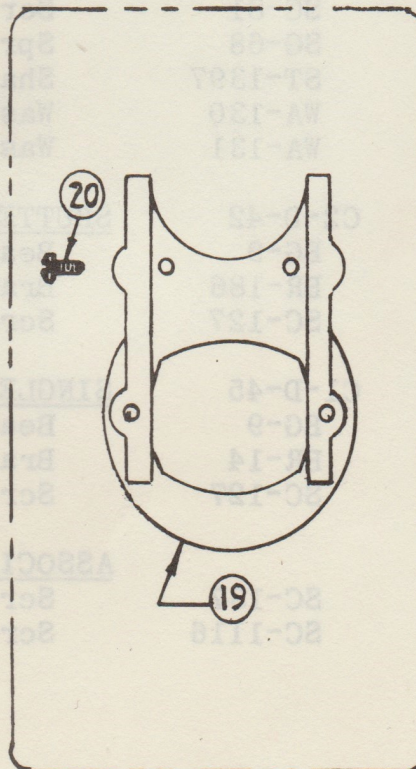
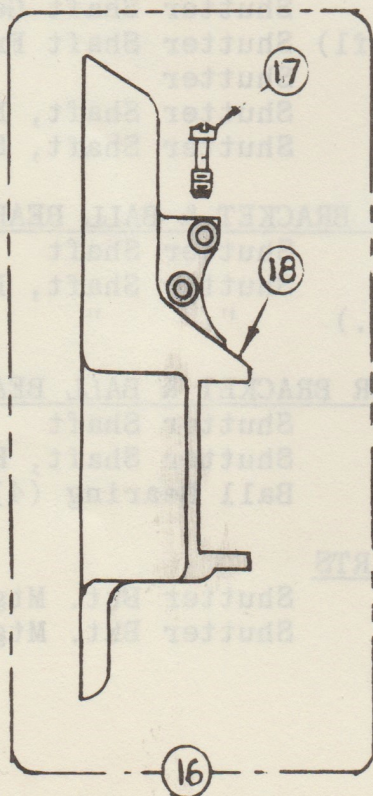
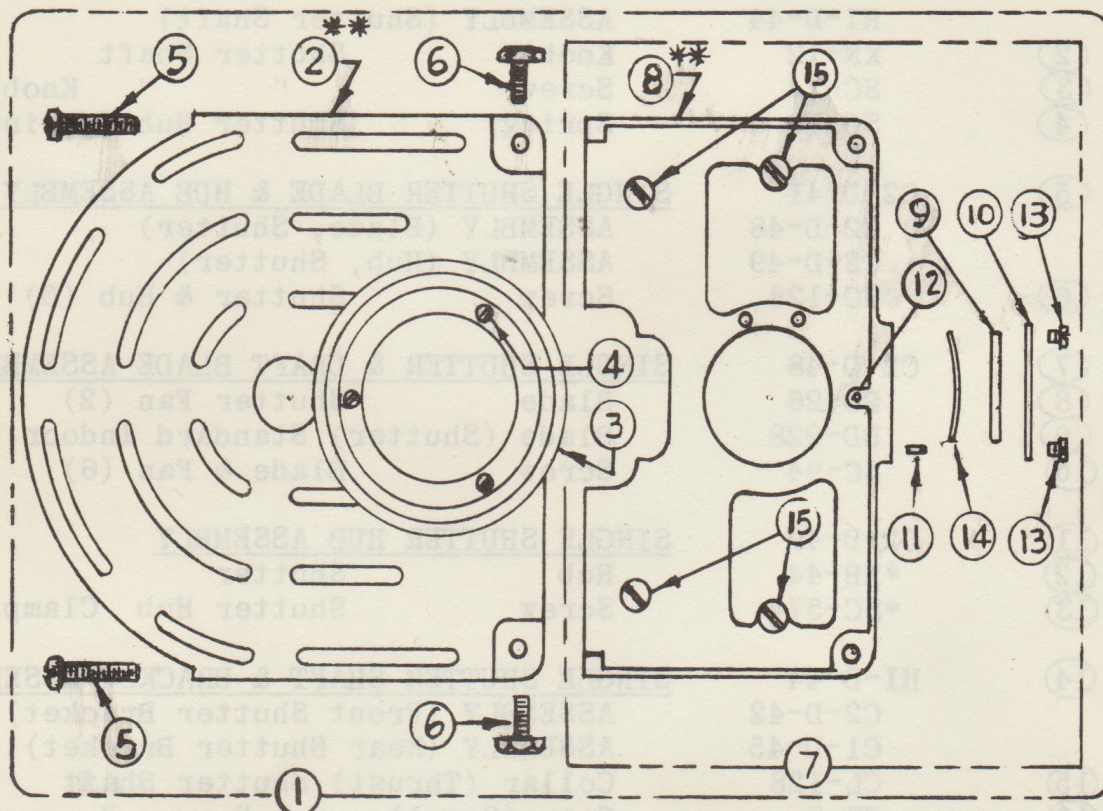
CENTURY MODEL "SA" PROJECTOR



CENTURY MODEL "SA" PROJECTOR

<u>Item</u>	<u>Part No.</u>	<u>Description</u>
(1)	HI-D-40	<u>SINGLE SHUTTER SHAFT BRACKET & BLADE ASSEMBLY</u>
	C2-D-41	ASSEMBLY (Blade & Hub)
	HI-D-44	ASSEMBLY (Shutter Shaft)
(2)	KN-12	Knob Shutter Shaft
(3)	SC-74	Screw " " Knob
(4)	SG-16	Spring Shutter Hub Spacing
(5)	C2-D-41	<u>SINGLE SHUTTER BLADE & HUB ASSEMBLY</u>
	C2-D-48	ASSEMBLY (Blade, Shutter)
	C2-D-49	ASSEMBLY (Hub, Shutter)
(6)	SC-128	Screw Shutter & Hub (5)
(7)	C2-D-48	<u>SINGLE SHUTTER & DRAFT BLADE ASSEMBLY</u>
(8)	BD-26	Blade Shutter Fan (2)
(9)	BD-228	Blade (Shutter) Standard Indoor, 83°
(10)	SC-94	Screw Blade & Fan (6)
(11)	C2-D-49	<u>SINGLE SHUTTER HUB ASSEMBLY</u>
(12)	*HB-44	Hub Shutter
(13)	*SC-574	Screw Shutter Hub Clamp (2)
(14)	HI-D-44	<u>SINGLE SHUTTER SHAFT & BRACKET ASSEMBLY</u>
	C2-D-42	ASSEMBLY (Front Shutter Bracket)
	C1-D-45	ASSEMBLY (Rear Shutter Bracket)
(15)	CL-128	Collar (Thrust) Shutter Shaft
(16)	GR-7	Gear (Steel) " "
(17)	RT-61	Retainer " " (2)
(18)	RT-62	Retainer Shutter Shaft Spring
(19)	SC-23	Screw Shutter Shaft Collar
(20)	SC-81	Screw Shutter Shaft Gear
(21)	SG-68	Spring (Coil) Shutter Shaft Front
(22)	ST-1397	Shaft Shutter
(23)	WA-130	Washer Shutter Shaft, Neoprene (2)
(24)	WA-131	Washer Shutter Shaft, Steel (2)
(25)	C2-D-42	<u>SHUTTER SHAFT BRACKET & BALL BEARING ASSEMBLY</u>
(26)	BG-9	Bearing Shutter Shaft
(27)	BR-186	Bracket Shutter Shaft, Front
(28)	SC-127	Screw (Mtg.) " " " (3)
(29)	C1-D-45	<u>SINGLE SHUTTER BRACKET & BALL BEARING ASSEMBLY</u>
(30)	BG-9	Bearing Shutter Shaft
(31)	BR-14	Bracket Shutter Shaft, Rear
(32)	SC-127	Screw Ball Bearing (4)
		<u>ASSOCIATED PARTS</u>
(33)	SC-137	Screw Shutter Bkt. Mtg. (2)
(34)	SC-1116	Screw Shutter Bkt. Mtg. (4)

CENTURY MODEL "SA" PROJECTOR

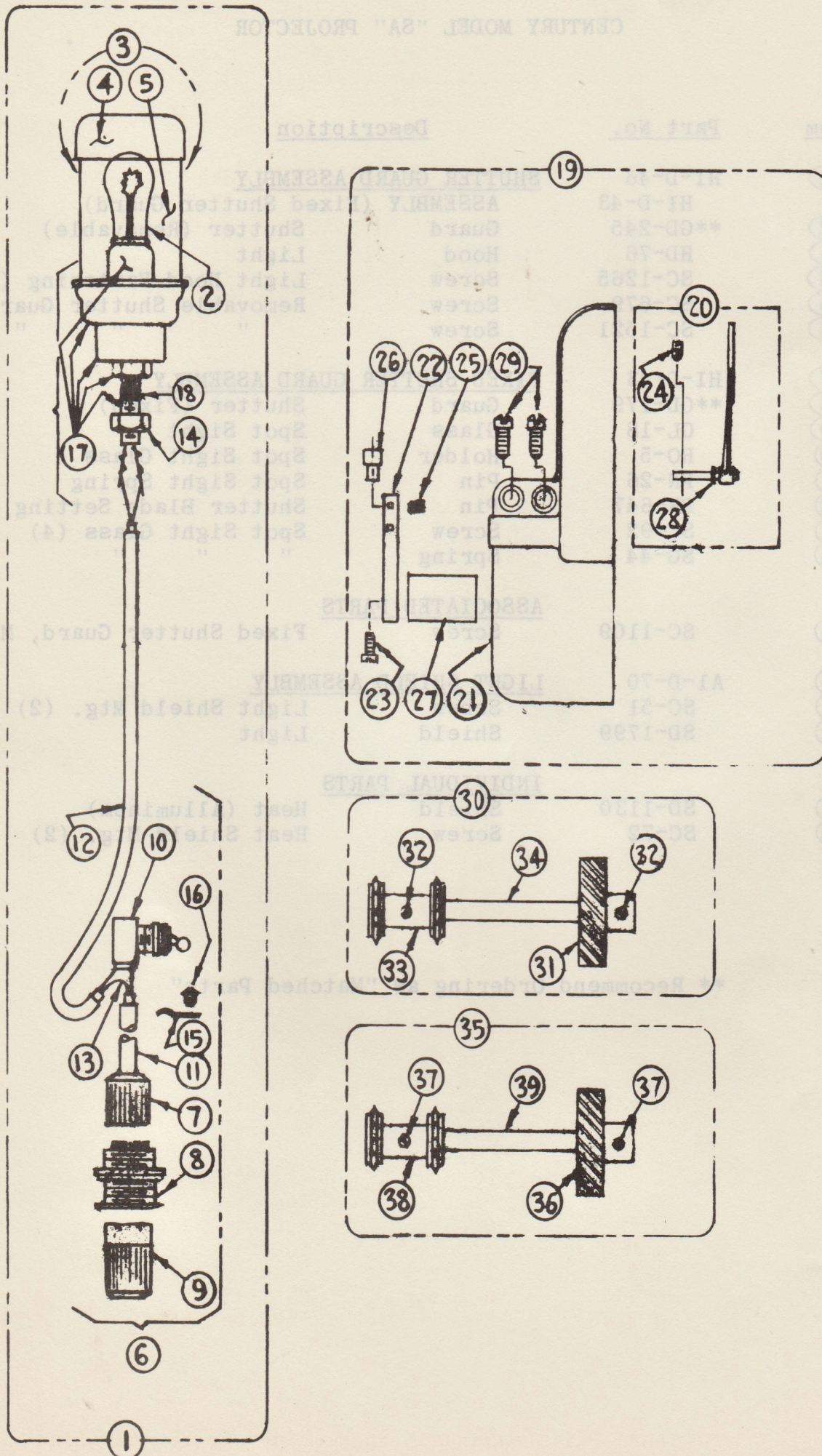


CENTURY MODEL "SA" PROJECTOR

<u>Item</u>	<u>Part No.</u>	<u>Description</u>
(1)	HI-D-46	<u>SHUTTER GUARD ASSEMBLY</u>
	HI-D-43	ASSEMBLY (Fixed Shutter Guard)
(2)	**GD-245	Guard Shutter (Removable)
(3)	HD-76	Hood Light
(4)	SC-1265	Screw Light Hood Fastening (3)
(5)	SC-679	Screw Removable Shutter Guard (2)
(6)	SC-1521	Screw " " " (2)
(7)	HI-D-43	<u>FIXED SHUTTER GUARD ASSEMBLY</u>
(8)	**GD-179	Guard Shutter (Fixed)
(9)	GL-18	Glass Spot Sight
(10)	HO-5	Holder Spot Sight Glass
(11)	PN-26	Pin Spot Sight Spring
(12)	PN-647	Pin Shutter Blade Setting
(13)	SC-92	Screw Spot Sight Glass (4)
(14)	SG-44	Spring " " "
		<u>ASSOCIATED PARTS</u>
(15)	SC-1109	Screw Fixed Shutter Guard, Mtg. (2)
(16)	A1-D-70	<u>LIGHT SHIELD ASSEMBLY</u>
(17)	SC-51	Screw Light Shield Mtg. (2)
(18)	SD-1799	Shield Light
		<u>INDIVIDUAL PARTS</u>
(19)	SD-1130	Shield Heat (Alluminum)
(20)	SC-72	Screw Heat Shield Mtg. (2)

** Recommend Ordering as "Matched Parts"

CENTURY MODEL "SA" PROJECTOR

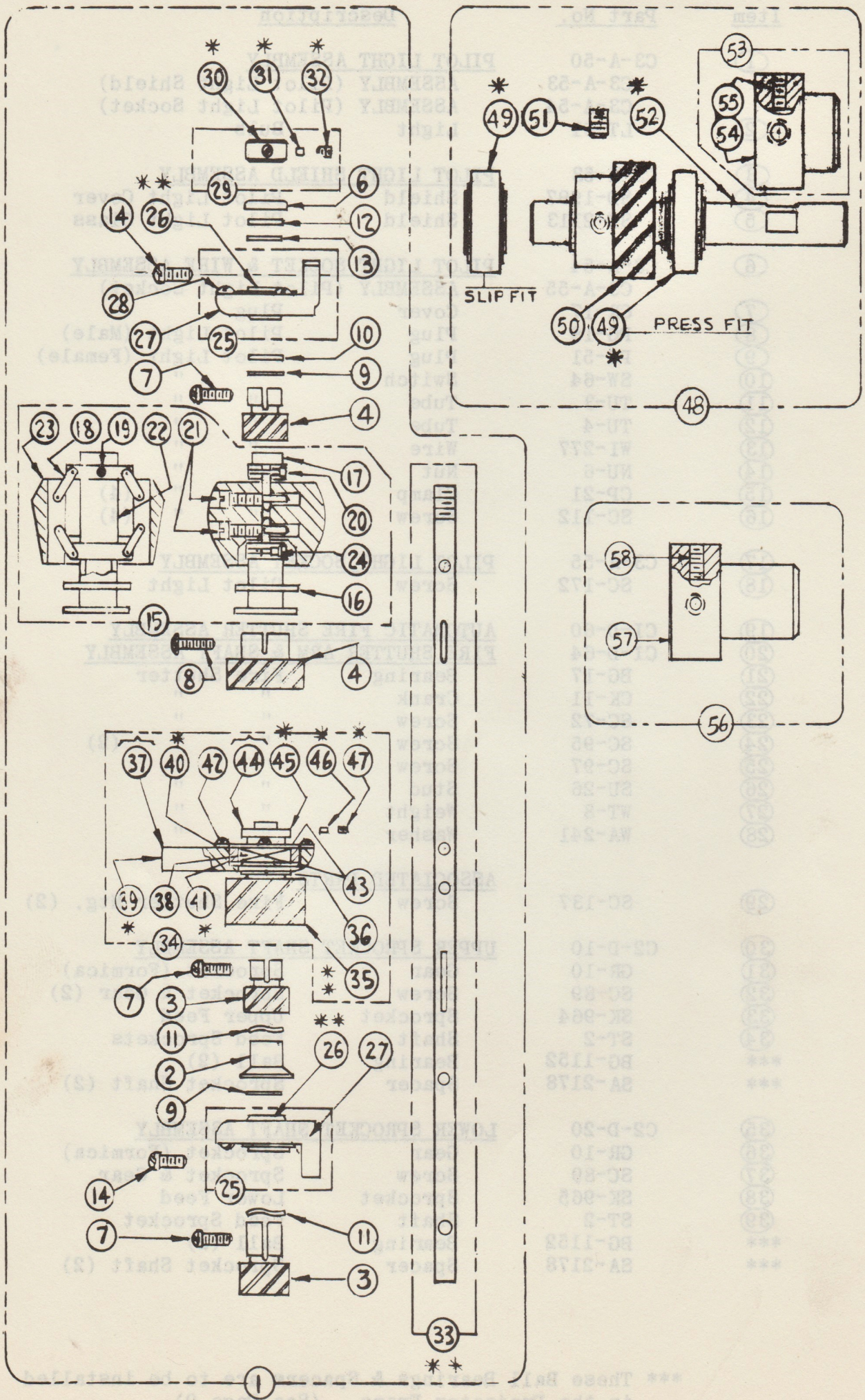


CENTURY MODEL "SA" PROJECTOR

<u>Item</u>	<u>Part No.</u>	<u>Description</u>
(1)	C3-A-50	<u>PILOT LIGHT ASSEMBLY</u>
	C3-A-53	ASSEMBLY (Pilot Light Shield)
	C3-A-54	ASSEMBLY (Pilot Light Socket)
(2)	LT-91	Light Bulb
(3)	C3-A-53	<u>PILOT LIGHT SHIELD ASSEMBLY</u>
(4)	SD-1997	Shield Pilot Light Cover
(5)	SD-2113	Shield Pilot Light Glass
(6)	C3-A-54	<u>PILOT LIGHT SOCKET & WIRE ASSEMBLY</u>
	C3-A-55	ASSEMBLY (Pilot Light Socket)
(7)	CR-17	Cover Plug
(8)	PG-18	Plug Pilot Light (Male)
(9)	PG-51	Plug Pilot Light (Female)
(10)	SW-64	Switch " "
(11)	TU-3	Tube " "
(12)	TU-4	Tube " "
(13)	WI-277	Wire " "
(14)	NU-6	Nut " "
(15)	CP-21	Clamp " " (4)
(16)	SC-112	Screw " " (4)
(17)	C3-A-55	<u>PILOT LIGHT SOCKET ASSEMBLY</u>
(18)	SC-172	Screw Pilot Light
(19)	CI-D-60	<u>AUTOMATIC FIRE SHUTTER ASSEMBLY</u>
(20)	CI-D-64	<u>FIRE SHUTTER ARM & SHAFT ASSEMBLY</u>
(21)	BG-17	Bearing Fire Shutter
(22)	CK-11	Crank " "
(23)	SC-72	Screw " "
(24)	SC-95	Screw " " (2)
(25)	SC-97	Screw " "
(26)	SU-26	Stud " "
(27)	WT-8	Weight " "
(28)	WA-241	Washer " "
		<u>ASSOCIATED PARTS</u>
(29)	SC-137	Screw Fire Shutter Mtg. (2)
(30)	C2-D-10	<u>UPPER SPROCKET SHAFT ASSEMBLY</u>
(31)	GR-10	Gear Sprocket (Formica)
(32)	SC-89	Screw Sprocket & Gear (2)
(33)	SK-964	Sprocket Upper Feed
(34)	ST-2	Shaft Feed Sprockets
***	BG-1152	Bearing Ball (2)
***	SA-2178	Spacer Sprocket Shaft (2)
(35)	C2-D-20	<u>LOWER SPROCKET SHAFT ASSEMBLY</u>
(36)	GR-10	Gear Sprocket (Formica)
(37)	SC-89	Screw Sprocket & Gear
(38)	SK-965	Sprocket Lower Feed
(39)	ST-2	Shaft Feed Sprocket
***	BG-1152	Bearing Ball (2)
***	SA-2178	Spacer Sprocket Shaft (2)

*** These Ball Bearings & Spacers are to be installed in the Projector Frame. (See Page 9).

CENTURY MODEL "SA" PROJECTOR



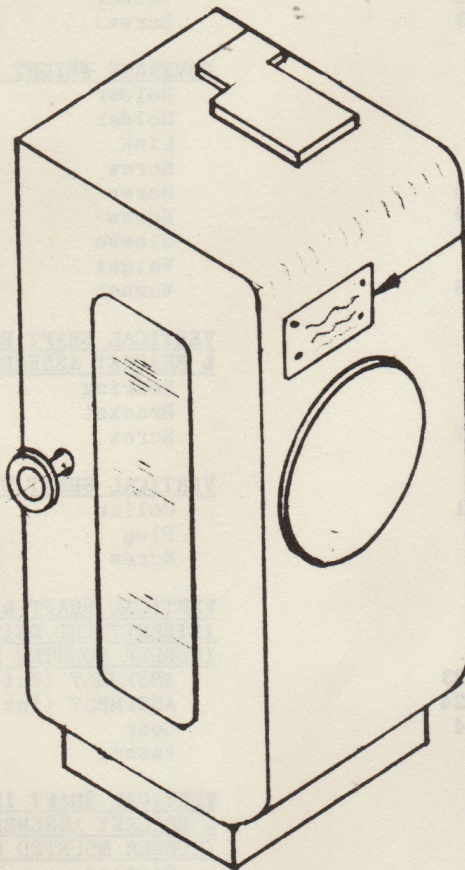
CENTURY MODEL "SA" PROJECTOR

Item	Part No.	Description
(1)	C3-G-100	<u>VERTICAL SHAFT & GOVERNOR ASSEMBLY</u> <u>(SINGLE SHUTTER)</u>
	CI-G-22	ASSEMBLY (Governor Weight)
	CI-G-31	ASSEMBLY (Vertical Shaft, Ball Bearing, Bkt.)
	CI-G-44	ASSEMBLY (Vertical Shaft Upper Collar)
	C2-G-91	ASSEMBLY (Vertical Shaft & Key)
	C2-G-92	ASSEMBLY (Vertical Shaft Int. Drive Gear)
(2)	CL-28	Collar Vert. Shaft, Lower
(3)	GR-4	Gear Vert. Shaft, Drive (Steel)
(4)	GR-5	Gear Vert. Shaft, Sprocket (Steel) (2)
(5)	GR-207	Gear Vert. Shaft, Shutter (Formica)
(6)	RT-61	Retainer Vert. Shaft, Cup (Washer)
(7)	SC-81	Screw Vert. Shaft, Gear (3)
(8)	SC-574	Screw " " , Gear
(9)	WA-3	Washer " " , Thrust (Fiber) (2)
(10)	WA-10	Washer " " " (Steel)
(11)	WA-14	Washer " " " (Spring) (2)
(12)	WA-130	Washer " " " (Neoprene)
(13)	WA-131	Washer " " " "
(14)	SC-143	Screw Vert. Shaft Mtg.
(15)	CI-G-22	<u>GOVERNOR WEIGHT ASSEMBLY</u>
(16)	HO-3	Holder Governor Link
(17)	HO-4	Holder Governor Link
(18)	LI-3	Link Governor (4)
(19)	SC-95	Screw " "
(20)	SC-135	Screw " (4)
(21)	SC-136	Screw " (4)
(22)	SV-42	Sleeve " "
(23)	WT-6	Weight " (2)
(24)	WA-296	Washer " (2)
(25)	CI-G-31	<u>VERTICAL SHAFT BALL BEARING</u> <u>& BRACKET ASSEMBLY (2)</u>
(26)	**BG-9	Bearing Vert. Shaft, Ball
(27)	BR-20	Bracket Vert. Shaft Ball Bearing
(28)	SC-127	Screw " " " " (3)
(29)	CI-G-44	<u>VERTICAL SHAFT UPPER THRUST COLLAR ASSEMBLY</u>
(30)	CL-101	Collar Vert. Shaft Upper
(31)	PG-13	Plug Vert. Shaft Collar (2)
(32)	SC-63	Screw " " " (2)
(33)	**C2-G-91	<u>VERTICAL SHAFT & KEY ASSEMBLY</u>
(34)	C2-G-92	<u>INTERMITTENT DRIVE GEAR ASSEMBLY</u> <u>(RUBBER MOUNTED BALL BEARING)</u>
	C2-G-23	ASSEMBLY (Int. Drive Gear Bkt.)
	CI-G-24	ASSEMBLY (Int. Drive Gear)
(35)	**GR-234	Gear Int. Drive, Vert. Shaft (Formica)
(36)	WA-9	Washer Int. Drive Gear Bkt.
(37)	C2-G-23	<u>VERTICAL SHAFT INTERMITTENT DRIVE</u> <u>& BRACKET ASSEMBLY</u> <u>(RUBBER MOUNTED BALL BEARING)</u>
(38)	BG-6	Bearing Int. Drive Gear Bkt.
(39)	*BR-872	Bracket Int. Drive Gear
(40)	*PE-825	Plate Int. Drive Gear Bkt.
(41)	*RI-276	Ring Int. Drive Gear Bkt. (Rubber)
(42)	SC-1763	Screw Int. Drive Gear Bkt. (3)
(43)	WA-239	Washer " " " " (2)
(44)	CI-G-24	<u>VERTICAL SHAFT INTERMITTENT DRIVE</u> <u>GEAR NUT ASSEMBLY</u>
(45)	*NU-1	Nut Int. Drive Gear
(46)	*PG-13	Plug Int. Drive Gear (2)
(47)	*SC-63	Screw " " " (2)
(48)	C2-G-110	<u>MAIN SHAFT DRIVE ASSEMBLY</u>
	CI-T-920	ASSEMBLY (Pulley Adapter)
(49)	*BG-6	Bearing Main Drive Shaft (2)
(50)	GR-302	Gear Main, "Standard Drive" (Formica)
(51)	SC-905	Screw Main Drive Gear (2)
(52)	*ST-2154	Shaft Main Drive
(53)	*CI-T-920	<u>KIT ASSEMBLY (PULLEY ADAPTER)</u>
(54)	AD-181	Adapter Main Drive Shaft
(55)	SC-1458	Screw Pulley Adapter (2)
(56)	CI-T-930	<u>ASSOCIATED PARTS</u> <u>CONVERSION KIT (OPTIONAL)</u> <u>KIT ASSEMBLY (PULLEY ADAPTER)</u> <u>FOR SELSYN ONLY</u>
(57)	AD-182	Adapter For Selsyn Interlock
(58)	SC-1458	Screw Pulley Adapter (2)

* Not Sold Separately

** Recommend Ordering as "Matched Parts"

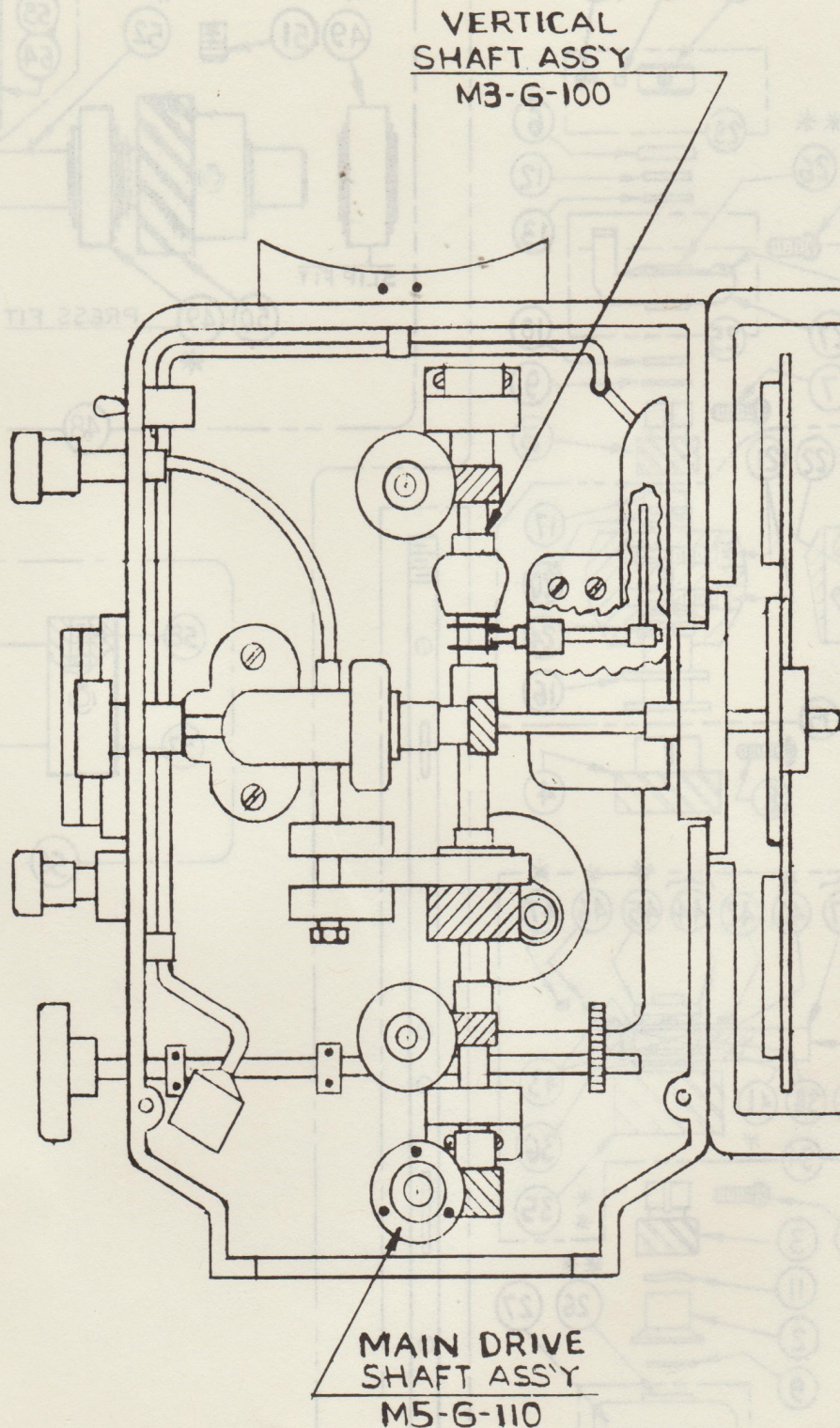
**WHEN ORDERING PARTS
INCLUDE:
MODEL No
SERIAL No
PART No**



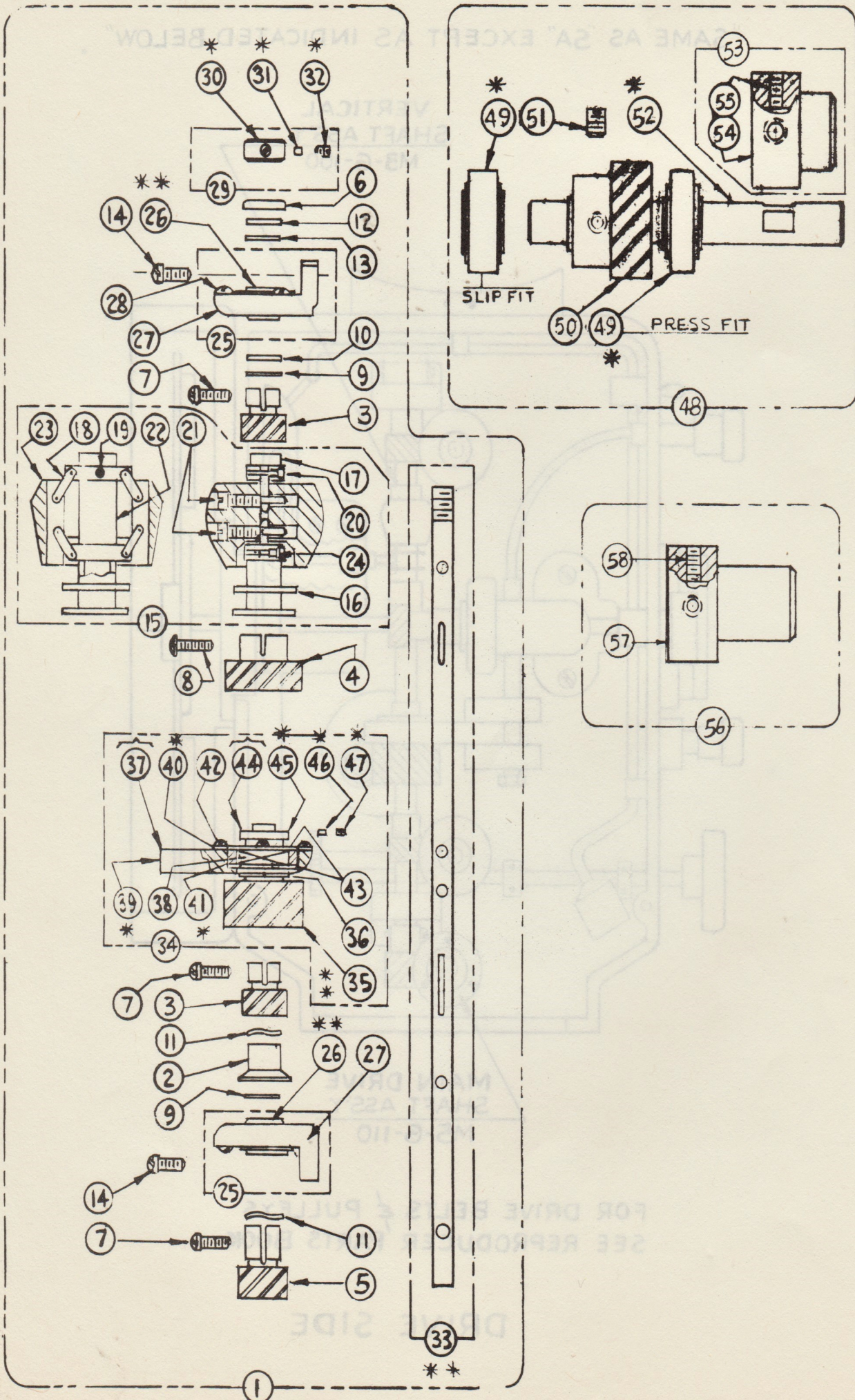
**MODEL No/SERIAL No
(PLATE)**

"MSA" PROJECTOR
(DIRECT DRIVE, SINGLE SHUTTER)

"SAME AS "SA" EXCEPT AS INDICATED BELOW"



CENTURY MODEL "MSA" PROJECTOR



CENTURY MODEL "MSA" PROJECTOR

Item	Part No.	Description
(1)	M3-G-100	<u>VERTICAL SHAFT & GOVERNOR ASSEMBLY</u> <u>(SINGLE SHUTTER)</u>
	CI-G-22	ASSEMBLY (Governor Weight)
	CI-G-31	ASSEMBLY (Vertical Shaft Ball Bearing Bkt.) (2)
	CI-G-44	ASSEMBLY (Vertical Shaft Collar)
	C2-G-91	ASSEMBLY (Vertical Shaft & Key)
	C2-G-92	ASSEMBLY (Int. Drive Gear)
(2)	CL-28	Collar Vert. Shaft, Lower
(3)	GR-5	Gear Vert. Shaft, Sprocket (2)
(4)	GR-207	Gear Vert. Shaft, Shutter
(5)	GR-182	Gear Vert. Shaft, Drive (Steel)
(6)	RT-61	Retainer Vert. Shaft, Cup (Washer)
(7)	SC-81	Screw Vert. Shaft, Gears (3)
(8)	SC-574	Screw Vert. Shaft, Gear
(9)	WA-3	Washer Vert. Shaft, Thrust (2) (Fibre)
(10)	WA-10	Washer " " " (Steel)
(11)	WA-14	Washer " " " (2) (Spring)
(12)	WA-130	Washer " " " (Neoprene)
(13)	WA-131	Washer " " " (Steel)
(14)	SC-143	<u>ASSOCIATED PARTS</u> Screw Vert. Shaft Mtg. (4)
(15)	CI-G-22	<u>GOVERNOR WEIGHT ASSEMBLY</u>
(16)	HO-3	Holder Governor Link
(17)	HO-4	Holder " "
(18)	LI-3	Link Governor (4)
(19)	SC-95	Screw " "
(20)	SC-135	Screw " (4)
(21)	SC-136	Screw " (4)
(22)	SV-42	Sleeve " "
(23)	WT-6	Weight " (2)
(24)	WA-296	Washer " (2)
(25)	CI-G-31	<u>VERTICAL SHAFT BALL BEARING & BRACKET ASSEMBLY</u> <u>(REQUIRED FOR VERTICAL SHAFT) (2)</u>
(26)	**BG-9	Bearing Vert. Shaft
(27)	BR-20	Bracket Vert. Shaft Ball Bearing
(28)	SC-127	Screw Vert. Shaft Ball Bearing (3)
(29)	CI-G-44	<u>VERTICAL SHAFT UPPER THRUST COLLAR ASSEMBLY</u>
(30)	*CL-101	Collar Vert. Shaft, Upper
(31)	*PG-13	Plug Vert. Shaft, Collar (2)
(32)	*SC-63	Screw " " " (2)
(33)	**C2-G-91	<u>VERTICAL SHAFT & KEY ASSEMBLY</u>
(34)	C2-G-92	<u>INTERMITTENT DRIVE GEAR ASSEMBLY</u> <u>(RUBBER MOUNTED BALL BEARING)</u>
	C2-G-23	ASSEMBLY (Vertical Shaft, Int. Drive Gear)
	CI-G-24	ASSEMBLY (Vertical Shaft Int. Drive Nut)
(35)	**GR-234	Gear Vert. Shaft, Int. Dr. (Formica)
(36)	WA-9	Washer
(37)	C2-G-23	<u>VERTICAL SHAFT INTERMITTENT DRIVE</u> <u>& BRACKET ASSEMBLY</u> <u>(RUBBER MOUNTED BALL BEARING)</u>
(38)	BG-6	Bearing Int. Drive Gear Bkt.
(39)	*BR-872	Bracket Int. Drive Gear
(40)	*PE-825	Plate Int. Drive Gear Bkt.
(41)	*RI-276	Ring Int. Drive Gear Bkt. (Rubber)
(42)	SC-1763	Screw " " " " (3)
(43)	WA-239	Washer " " " " (2)
(44)	CI-G-24	<u>VERTICAL SHAFT INTERMITTENT</u> <u>DRIVE GEAR NUT ASSEMBLY</u>
(45)	*NU-1	Nut Int. Drive Gear
(46)	*PG-13	Plug Int. Drive Gear Nut (2)
(47)	*SC-63	Screw " " " " (2)
(48)	M5-G-110	<u>MAIN SHAFT DRIVE ASSEMBLY (DIRECT DRIVE)</u>
	CI-T-920	ASSEMBLY (Pulley Adapter)
(49)	*BG-6	Bearing Main Drive Shaft (2)
(50)	GR-301	Gear Main, "Direct Drive" (Formica)
(51)	SC-902	Screw Main Drive Gear (2)
(52)	*ST-2154	Shaft Main Drive
(53)	CI-T-920	<u>PULLEY ADAPTER ASSEMBLY</u>
(54)	AD-181	Adapter Main Drive Shaft
(55)	SC-1458	Screw Pulley Adapter (2)
(56)	CI-T-930	<u>ASSOCIATED PARTS</u> <u>CONVERSION KIT (OPTIONAL)</u> <u>KIT ASSEMBLY FOR SELSYN</u>
(57)	AD-182	Adapter For Selsyn Interlock
(58)	SC-1458	Screw Pulley Adapter (2)

* Not Sold Separately

** Recommend Ordering as "Matched Parts"

Proven Best



HIGHEST QUALITY STANDARDS

For Maximum Performance — Minimum Wear — Long Life

CENTURY PROJECTOR CORPORATION