35mm PROJECTOR MECHANISM
Type MSC, SA
Parts Catalog

Rev. May 2006

STRONG INTERNATIONAL
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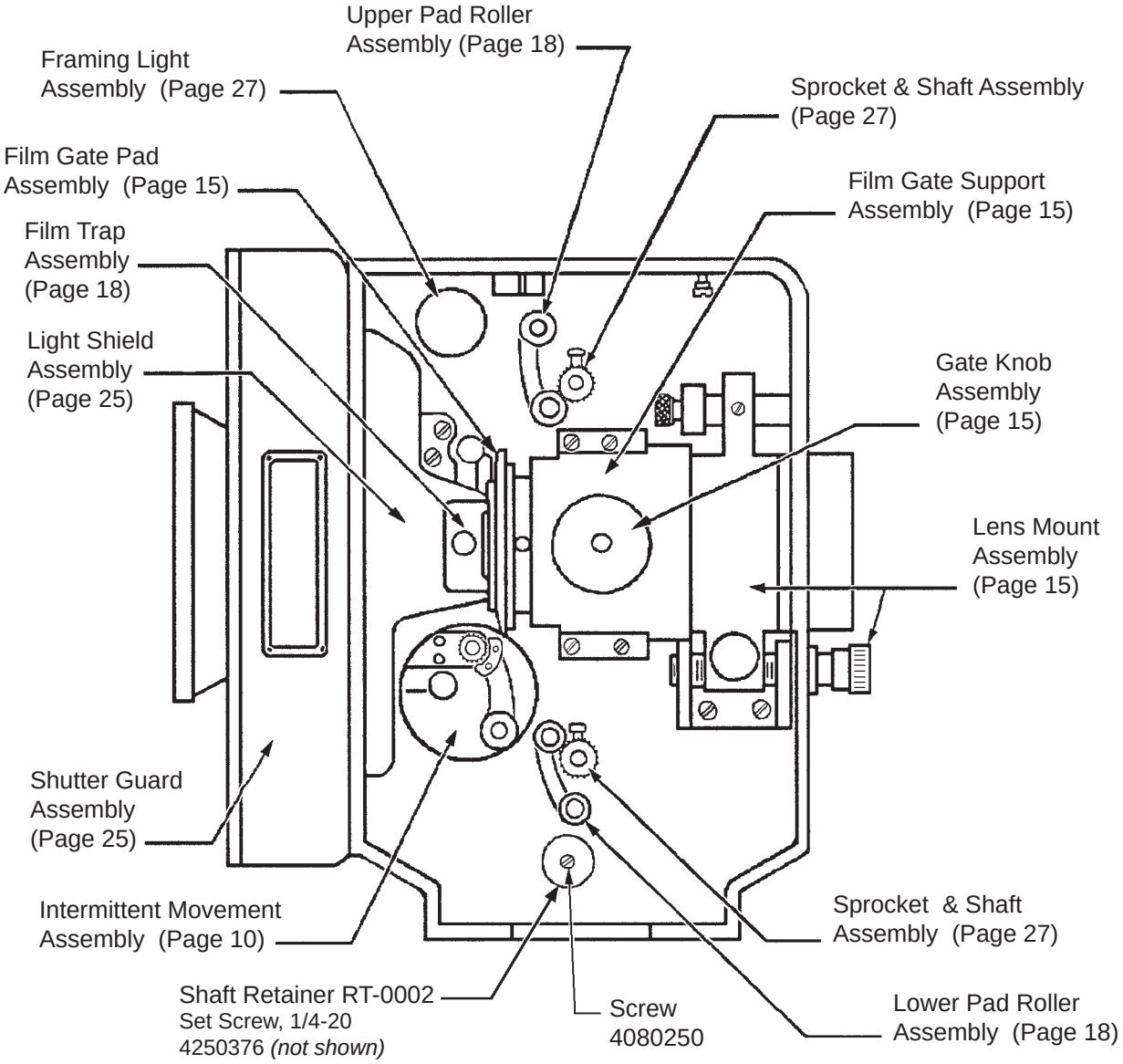
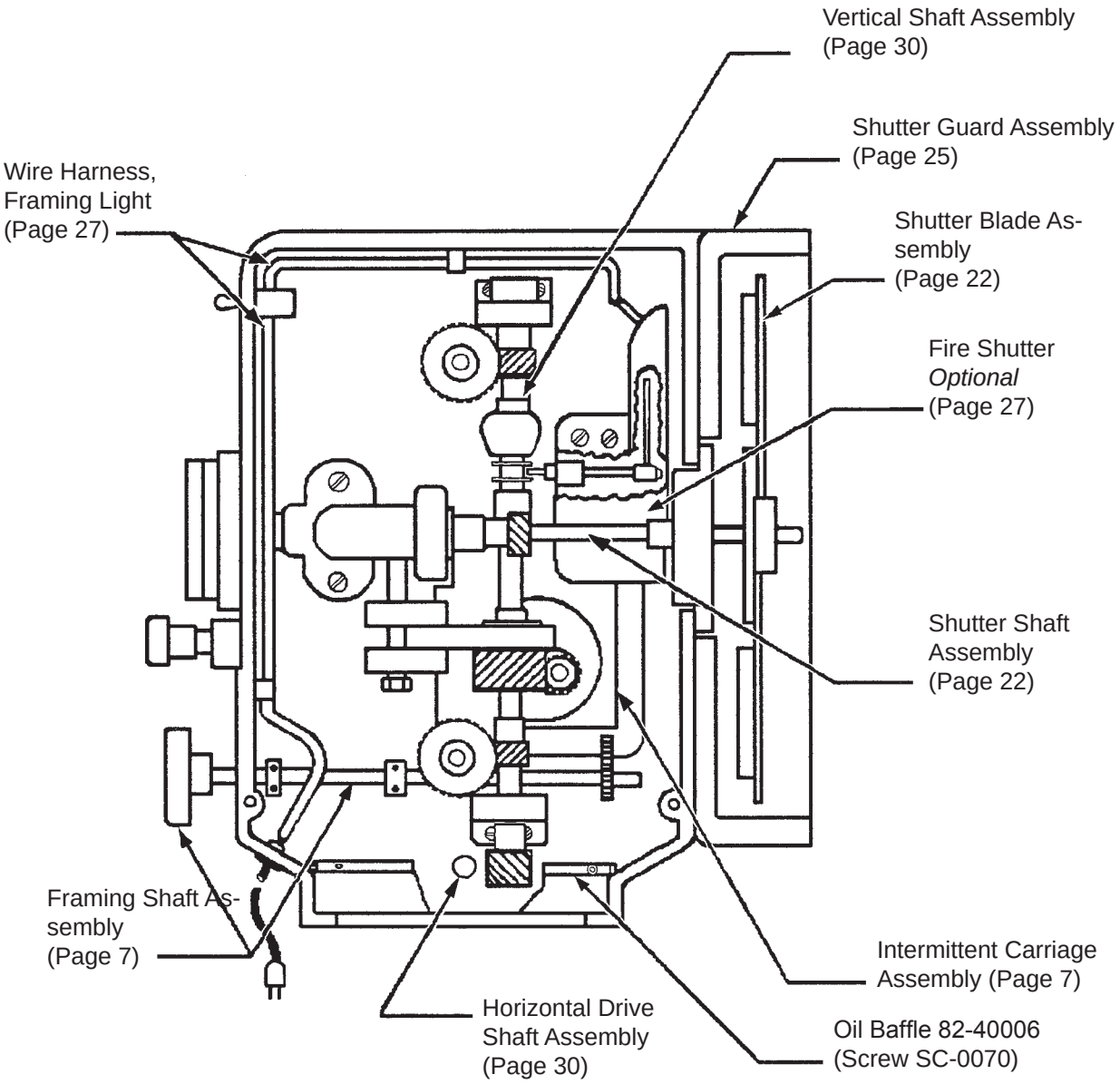


OPERATING SIDE

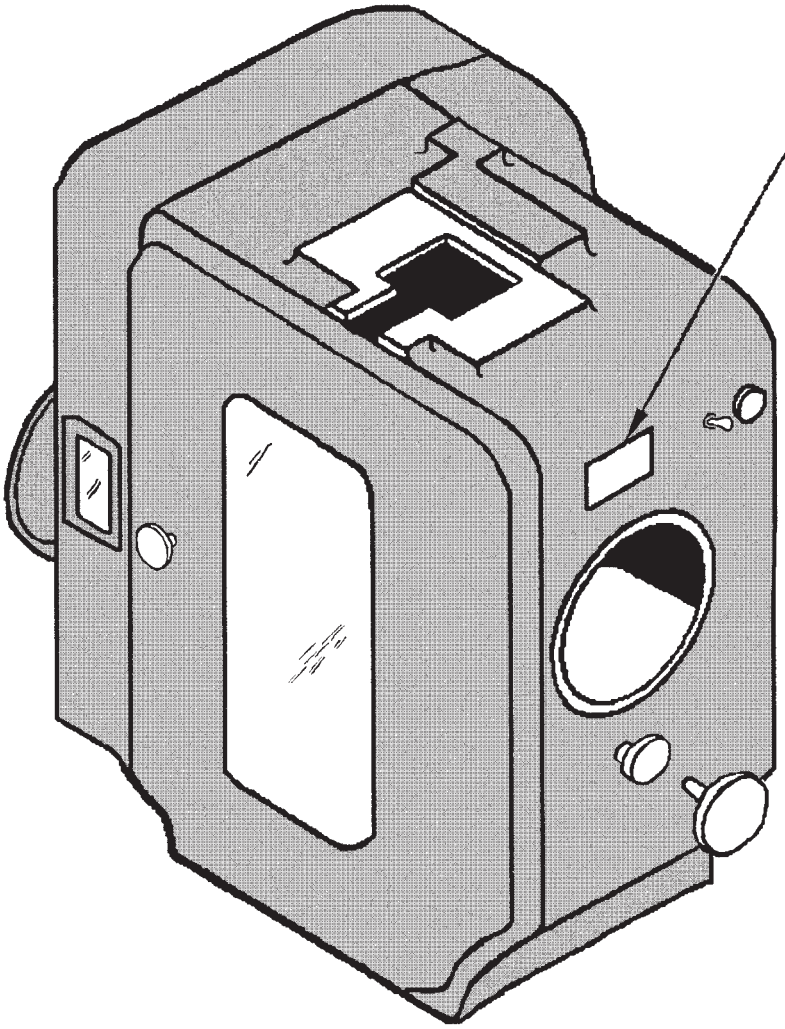
MAJOR ASSEMBLIES



NOTE: See Soundhead Book for Drive Belts & Pulleys

DRIVE SIDE

When ordering parts, include:
MODEL NUMBER
SERIAL NUMBER
PART NUMBER



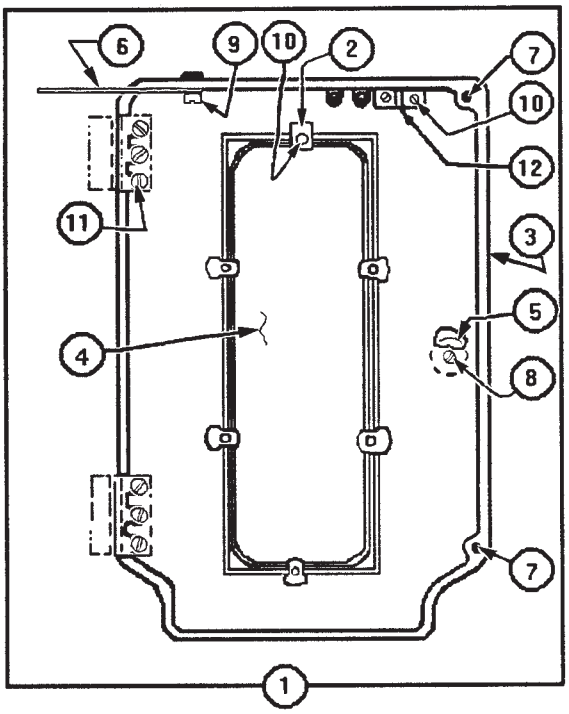
Century Replacement Parts are sold through authorized Strong International Dealers *only.*

MAIN FRAME & PIN ASSEMBLY (82-60051)

Part No.	Description
82-60051	H1-A-80 Main Frame & Pin Assembly
82-60069	A1-D-80 Douser Guide Assembly
81-07015	BU-0029-D Sprocket Shaft Bearing Bushing (4 req'd.)
82-40365	C1-A-11 Door Hinge (4 req'd.)
82-20094	CR-0598 Lower Drive Side Cover
82-40006	CR-0887 Grease Baffle Cover
81-36001	CU-0022 Sprocket Shaft Oil Cup (2 req'd.)
82-20315	FR-0070 Main Frame Casting
81-18008	J1-A-14 Quarter-Turn Door Lock
81-34006	PE-0039 Nameplate
41-37004	PN-0021 Shutter Bracket Locating Pin (2 req'd.)
PN-0028	Locating Pin, Trap Support & Shutter Bracket (3 req'd.)
21-37024	PN-0247 Carriage Stop Pin, 3/8" x 1/2" (2 req'd.)
SC-0113	Screw (2 req'd.)
82-00153	RT-0002 Main Drive Shaft Retainer
4080250	Cover Fastener Screw, 8-32 x 1/4" (2 req'd.)
51-51017	SC-0125 Nameplate Screw (2 req'd.)
4080250	Bearing Retaining Screw, Horizontal Drive (2 req'd.)
425050B	Lens Mount Screw, 1/4-20 x 1/2" (2 req'd.)
81-51005	SC-0226 Screw, Door Link
4060250	Door Catch Mounting Screw, 6-32 x 1/4" (2 req'd.)
SC-0661	Hinge Mounting Screw, 8-32 x 5/16" (4 req'd.)
410374	Changeover Mounting Screw, 10-32 x 3/8" (2 req'd.)
4371002	Socket Screw, 3/8-16 x 1" (4 req'd.)
4250251	Horizontal Drive Retainer Set Screw, 1/4-20 x 1/4"
4250375	Pad Roller Arm Retaining Screw, 1/4-20 x 3/8" (2 req'd.)
SC-1374	Front Grease Plug Screw
SC-1874	Set Screw, 1/2-13 x 3/8"
SC-2425	Set Screw, 3/8-16 x 1/2"
SC-2510	Side Cover Screw (2 req'd.)
SD-1130	Heat Shield
DC-0096	Decal, Main Drive Installation
81-18008	J1-A-14 Receptacle, Quarter-Turn Fastener

Associated Parts

81-98021	OL-0001 Century Projector Oil (Gallon)
81-70053	OL-0004 Century Projector Oil, 4 oz.
81-98046	TU-0380 Century Gear Lubricant
81-64003	TF-0375 Framing Light Transformer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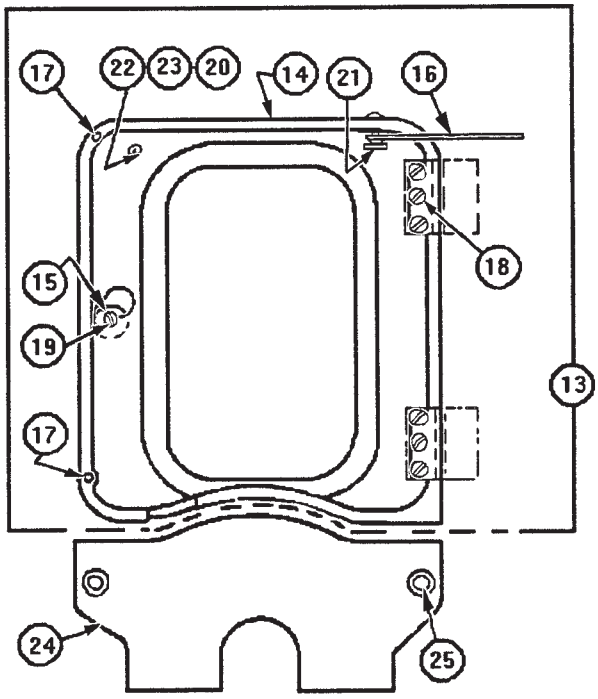
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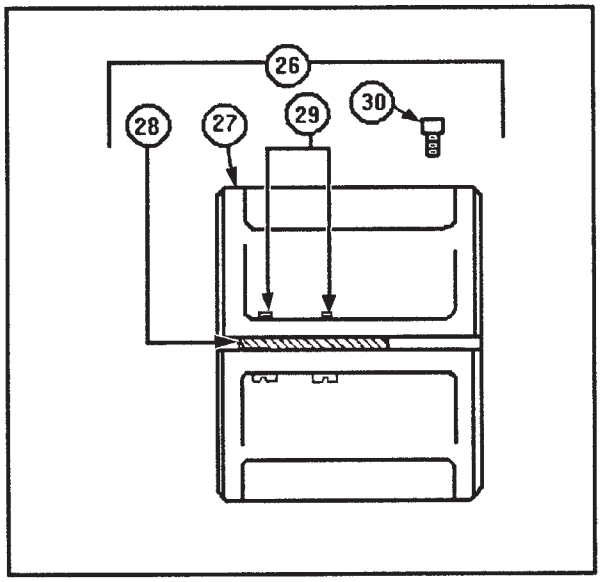
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FILM COMPARTMENT DOOR ASSEMBLY (82-60052)

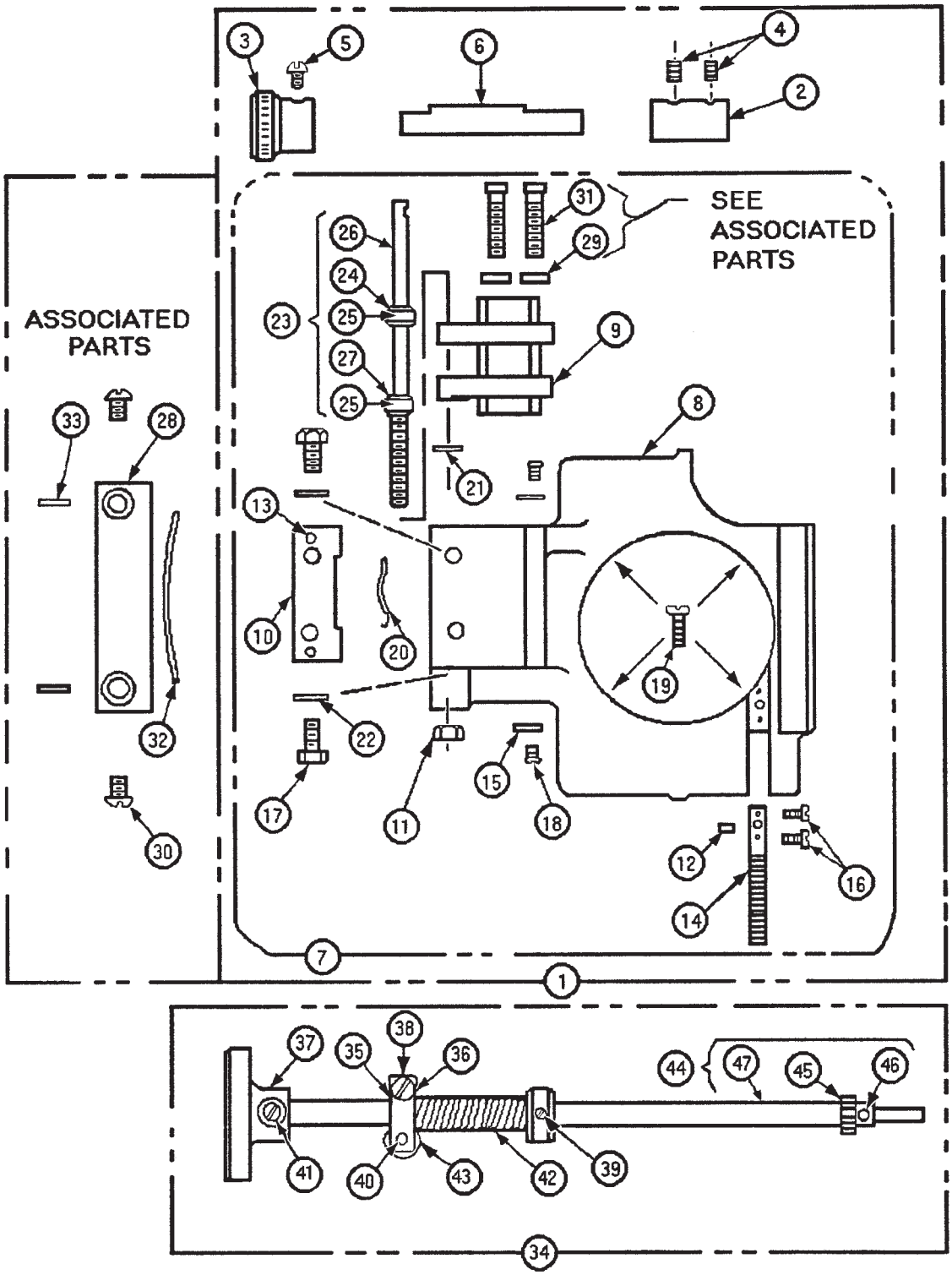
Item	Part No.	Description
1	82-60052	H1-A-12 Film Compartment Door Assembly
2	81-10015	CP-0020 Clamp, Door Glass (6 req'd.)
3	82-20175	DO-0063 Casting, Film Compartment Door
4	81-18004	GL-0015 Door Glass
5	11-18005	KN-0047 Door Knob
6	81-98082	LI-0007 Link, Open Limit
7	81-22003	SB-0060 Door Stop, Felt (2 req'd.)
8	4080506	Knob Mounting Screw, 8-32 x 1/2" Pan Head
9	82-00154	SC-0226 Link Stop Screw
10	4060180	Mounting Screw, Glass Clamp & Door Strike
11	4080250	Hinge Mounting Screw, 8-32 x 1/4" (6 req'd.)
12	81-98094	C1-A-76 Catch & Strike, Door

GEAR COMPARTMENT DOOR ASSEMBLY (82-60053)

Item	Part No.	Description
13	82-60053	J1-A-13 Gear Compartment Door Assembly
14	82-20333	DO-0072 Door Casting
15	11-18005	KN-0047 Pull Knob
16	81-98082	LI-0007 Door Link
17	81-22003	SB-0060 Felt Bumper (2 req'd.)
18	4080250	Hinge Screw, 8-32 x 1/4" Bind Head (6 req'd.)
19	81-98199	ST-2465 Door Fastening Stud, Quarter-Turn
20	82-00154	SC-0226 Link Stop Screw
21	4080506	Knob Screw, 8-32 x 1/2" Pan Head
22	81-48003	RI-0624 Retaining Ring
23	81-37021	SG-2464 Door Fastening Spring
		Associated Parts
24	82-20094	CR-0598 Lower Cover, Operating Side (replace with 82-00163)
25	81-51001	SC-0113 Cover Mounting Screw (2 req'd.)

LENS BUSHING & CLAMPING SCREW ASSEMBLY (82-60026)

Item	Part No.	Description
26	82-60026	C1-T-160X Lens Bushing & Clamping Screw Assembly
27	82-20035	BU-0193X Casting, Lens Bushing
28	81-07003	PE-1040 Bushing Plate, Rubber
29	4080750	Clamping Screw, 8-32 x 3/4" (2 req'd.)
30	82-20234	SC-2238X Locating Screw



NOTE: Shutter Fine Adjustment (Items 1-6 & Item 23 with associated parts) *not used* after 1993.

INTERMITTENT CARRIAGE & SHORT SHUTTER ADJUSTMENT ASSEMBLY
(82-60104)

Item	Part No.	Description
1	82-60104	C2-A-31 Intermittent Carriage & Shutter Adjustment Assembly
	82-60105	C2-A-33 Carriage Assembly
2	82-20107	CG-0014 Coupling
3	82-20417	KN-0043 Knob
4	4100121	Coupler Set Screw, 10-32 x 1/8"
5	4080252	Knob Screw, 8-32 x 1/4" Socket Head
6	81-52006	ST-2378 Shutter Adjusting Shaft

INTERMITTENT CARRIAGE ASSEMBLY (82-60105)

Item	Part No.	Description
7	82-60105	C2-A-33 Intermittent Carriage Assembly
	82-20357	V1-A-32 Shutter Adjustment Screw
8	82-00007	CA-0004 Carriage Casting
9	82-20093	BR-0012 Bracket Casting
10	81-06016	GI-0006 Gib Casting
11	4258002	NU-0070 Adjustment Nut
12	82-00087	PN-0022 Rack Pin
13	41-37003	PN-0811 Gib Pin (2 req'd.)
14	RK-0004	Framing Rack (Order 81-98152)
15	81-98198	RT-0003 Spring Retainer (2 req'd.)
16	4050311	SC-0075 Rack Screw, 5-40 x 5/16" (2 req'd.)
17	4250503	Gib Screw, 1/4-20 x 1/2" Hex Head (2 req'd.)
18	4060250	Spring Screw, 6-32 x 1/4" Pan Head (2 req'd.)
19	81-51024	SC-0106 Intermittent Retaining Screw (4 req'd.)
20	81-58010	SG-0100 Spring
21	81-70007	WA-0011 Washer
22	81-70014	WA-0132 Lockwasher

NOTE: Shutter Fine Adjustment (Items 1-6, Item 23 & Associated Parts) discontinued in 1993.

SHUTTER ADJUSTMENT SCREW & COLLAR ASSEMBLY (82-20357)

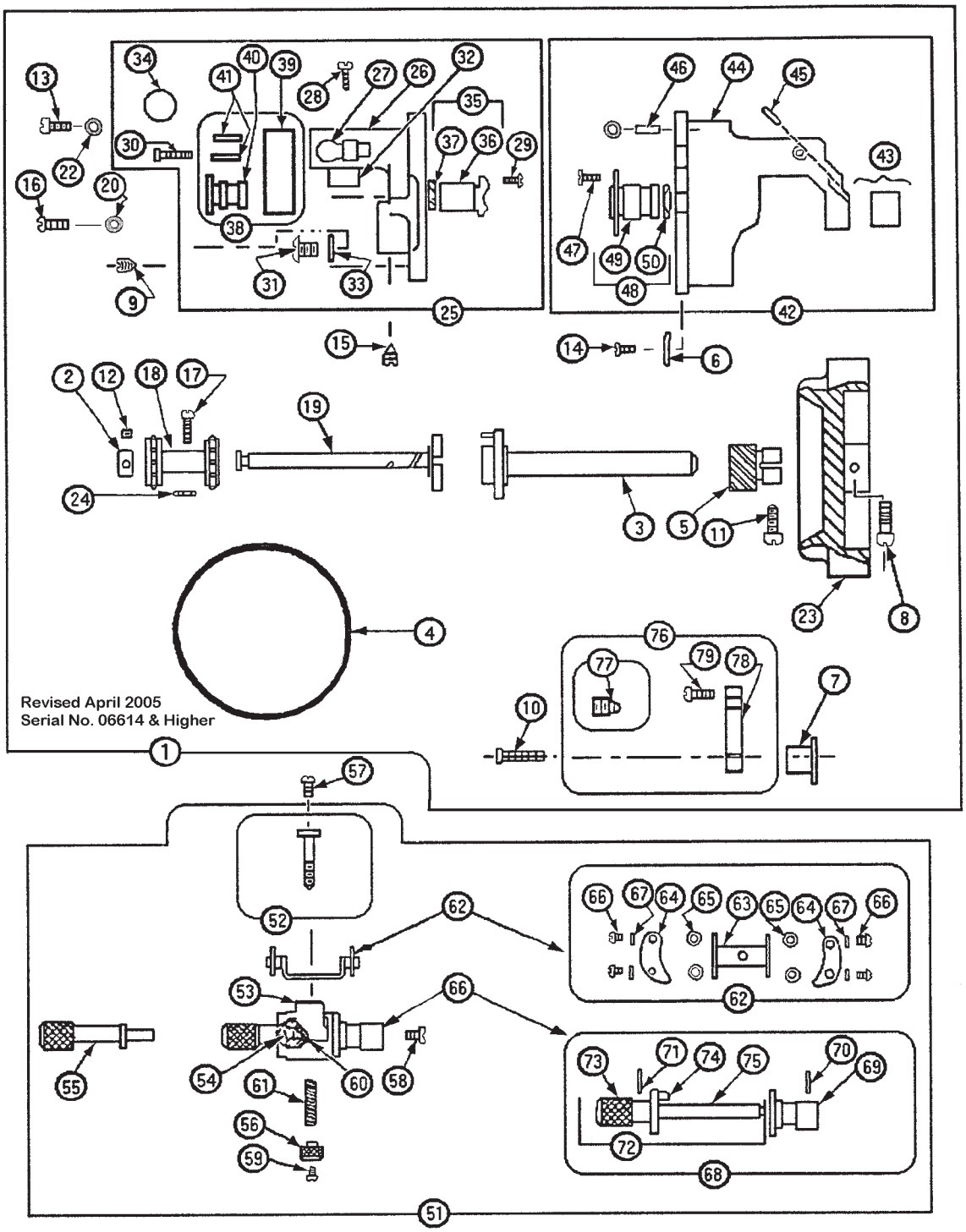
Item	Part No.	Description
23	82-20357	V1-A-32 Screw & Collar Assembly
24*	82-20318	CL-0007 Collar
25*	PN-0103	Pin (3 req'd.)
26*	SC-0061	Screw
27*	CL-0195	Collar
		* Order 82-20357
		Associated Parts
28	82-00088	GI-0001 Intermittent Carriage Gib
29	81-56008	SA-0752 Bracket Screw Spacer (2 req'd.)
30	4250374	SC-0071 Gib Screw, 1/4-20 x 3/8" Bind Head (2 req'd.)
31	4251000	SC-0751 Bracket Screw, 1/4-20 x 1" (2 req'd.)
32	81-58014	SG-0928 Spring
33	81-70014	WA-0132 Lockwasher

FRAMING SHAFT ASSEMBLY (82-60095)

Item	Part No.	Description
34	82-60095	C1-A-20 Framing Shaft Assembly
	82-20255	C1-A-21 Shaft & Pinion Assembly
35	81-11002	CL-0012 Collar
36	82-20201	CP-0001 Clamp (2 req'd.)
37	81-28007	KN-0044 Framing Knob
38	4100780	Screw, 10-32 x 7/8" Socket Head
39	4250251	SC-0074 Set Screw, 1/4-20 x 1/4"
40	4101000	SC-0132 Screw, 10-32 x 1" Socket Head
41	4100374	Screw, 10-32 x 3/8" Socket Head
42	81-58023	SG-0041 Spring
43	81-70007	WA-0011 Washer

FRAMING SHAFT & PINION ASSEMBLY (82-20055)

Item	Part No.	Description
44	82-20055	C1-A-21 Shaft & Pinion Assembly
45	PI-0004*	Pinion
46	PN-0029*	Pin
47	ST-0001*	Framing Shaft
		* Order 82-20055; Sold as Assembly *only*


Revised April 2005
Serial No. 06614 & Higher

INTERMITTENT MOVEMENT ASSEMBLY (82-60006)

Item	Part No.	Description
1	82-60006	H1-BB-30C Intermittent Movement Assembly, 35mm
	H1-BB-16*	Intermittent Cover Assembly
	H1-BB-17*	Intermittent Case Assembly
	H1-BB-26*	Sprocket Pad Assembly
	H1-BB-31*	Cam Thrust Assembly
2	82-20383	CL-0624 Outboard Collar, Starwheel Shaft
3	81-98110	CM-0528 Camshaft **
4	51-48033	O-Ring, 3" O.D. (2005 and later)
5	81-23009	GR-0007 Camshaft Gear
6	81-39015	PE-0038 Intermittent Stop Plate
7	81-56009	SA-1321 Cam Thrust Spacer
8	4080750	Flywheel Screw, 8-32 x 3/4" Socket Head
9	81-98161	SC-0039 Adjusting Screw (2 req'd.)
10	4080751	SC-0069 Cam Thrust Screw
11	4080627	00259000 Gear Screw, 8-32 x 5/8" Fillister Head
12	4060123	Collar Set Screw, 6-32 x 1/8" (2 req'd.)
13	4080376	Cover Screw, 8-32 x 1/2" (4 req'd.)
14	4060374	Stop Plate Screw, 6-32 x 3/8" Hex Head
15	4250376	Pad Retaining Set Screw, 1/4-20 x 3/8" Cone Point
16	81-51027	SC-1010 Oil Drain Screw, 8-32 x 1/2" Fillister Head
17	SC-1322	Sprocket Screw, 5-40 x .55" (incl. with Item 18)
18	21-59004	SK-2205 Intermittent Sprocket, 35mm VKF®
19	81-98123	SX-1323 Starwheel Shaft **
20	51-48025	Drain Seal O-Ring
21	4087101	Cover Washer (not shown; as req'd.)
22	51-48032	O-Ring, 3/16" I.D. x 5/16" O.D. (5 req'd.)
23	82-20401	WH-0124 Flywheel
24	NU-0081	Lock Nut, 5-40 Hex (incl. with Item 18)

* Not Sold as Assembly - Replace Individual Components
** Replace Starwheel & Camshaft in *matched pairs*

Factory Rebuilt Intermittent Movements are available under a Repair/Exchange program. Contact an authorized Strong International Equipment Dealer for detailed information and a **Return Authorization**. Strong International assumes *no liability* for goods returned to the factory without prior authorization.

INTERMITTENT COVER ASSEMBLY (H1-BB-16*)

Item	Part No.	Description
25	H1-BB-16*	Intermittent Cover Assembly
	82-60230	H1-BB-35 Inner Star Bushing & Ring
	H1-BB-34*	Front Starwheel Bearing Bracket
26	82-00009	CR-0297 Cover Casting (incl. Item 36)
27	82-20021	CU-0658 Oil Cup
28	4060120	SC-0094 Stripper Screw, 6-32 x 1/8" Pan Head
29	81-51032	SC-0105 Inner Bushing Screw, 4-40 x 1/4" (3 req'd.)
30	4060502	Outer Bracket Screw, 6-32 x 1/2" Socket Head (2 req'd.)
31	81-51041	SC-0217 Plug Screw
32	81-98235	SP-1326 Film Stripper
33	81-48051	Plug Seal O-Ring
34	81-42001	GG-0019 Sight Glass
34A	81-22002	GA-0020 Sight Glass Gasket
34B	81-35010	NU-0010 Nut

INNER STAR BUSHING ASSEMBLY (82-60230)

Item	Part No.	Description
35	82-60230	H1-BB-35 Inner Star Bushing
36	81-07023	BU-1256 Bushing (Order 82-60230)
37	81-36004	RI-0576 Seal Ring

FRONT STARWHEEL BEARING BRACKET ASSEMBLY (H1-BB-34*)

Item	Part No.	Description
38	H1-BB-34*	Bearing Bracket Assembly
39	BR-0644	Outer Bracket (Order 82-00009)
40	81-07025	BU-0646N Outer Bushing
41	PN-0665	Pin (2 req'd.)

INTERMITTENT CASE ASSEMBLY (H1-BB-17*)

Item	Part No.	Description
42	H1-BB-17*	Case Assembly
	H1-BB-36	Inner Cam Bushing & Ring
43	81-07018	BU-0040-N Outer Bushing
44	82-00014	CS-0529 Case Casting
45	52-70024	PG-0159 Felt Plug
46	81-37015	PN-0032 Pivot Pin
-	51-48031	O-Ring, 1/8" I.D. x 1/4" O.D.
47	4040250	Cam Screw, 4-40 x 1/4" Pan Head

* Not Sold as Assembly - Replace Individual Components

INNER CAM BUSHING & O-RING ASSEMBLY (H1-BB-36)

Item	Part No.	Description
48	H1-BB-36	Bushing & Ring Assembly (Order Items 49 & 50)
49	81-07020	BU-1257 Bushing
50	81-36003	RI-0577 Seal Ring

INTERMITTENT SPROCKET PAD & ARM ASSEMBLY (82-60004)

Item	Part No.	Description
51	82-60004	C1-BB-26 Sprocket Pad & Arm Assembly
52	82-60054	C1-BB-27 Stud & Plate Assembly
	82-60005	C1-BB-28 Sprocket Pad
	82-20058	C1-BB-29 Pad Stud
53	82-00054	AR-0046 Arm Casting
54	31-04001	BL-0018 Detent Ball (2 req'd.)
55	82-20065	KN-0030 Knob
56	81-35006	NU-0046 Knurled Nut
57	4060250	Pad Screw, 6-32 x 1/4" Pan Head
58	4080250	Knob Screw, 8-32 x 1/4" Pan Head
59	81-51042	SC-0708 Nut Stop Screw, 3-48 x 1/8" Round Head
60	81-58002	SG-0021 Ball Spring
61	81-58017	SG-2511 Compression Spring

INTERMITTENT PAD SPRING STUD & PLATE ASSEMBLY (82-60054)

Item	Part No.	Description
52	C1-BB-27	Stud & Plate Assembly
	PE-0192	Plate (Order 82-60054)
	SU-0702	Stud (Order 82-60054)

INTERMITTENT SPROCKET PAD ASSEMBLY (82-60005)

Item	Part No.	Description
62	82-60005	C1-BB-28 Sprocket Pad Assembly
63	81-98097	PA-0194 Inner Sprocket Pad
64	82-00093	PA-0195 Outer Sprocket Pad (2 req'd.)
65	82-20444	SA-0033 Spacer (4 req'd.)
66	4040310	Screw, 4-40 x 5/16" Pan Head (4 req'd.)
67	4047101	Washer, #4 (4 req'd.)

INTERMITTENT SPROCKET PAD, STUD & BUSHING ASSEMBLY (82-20058)

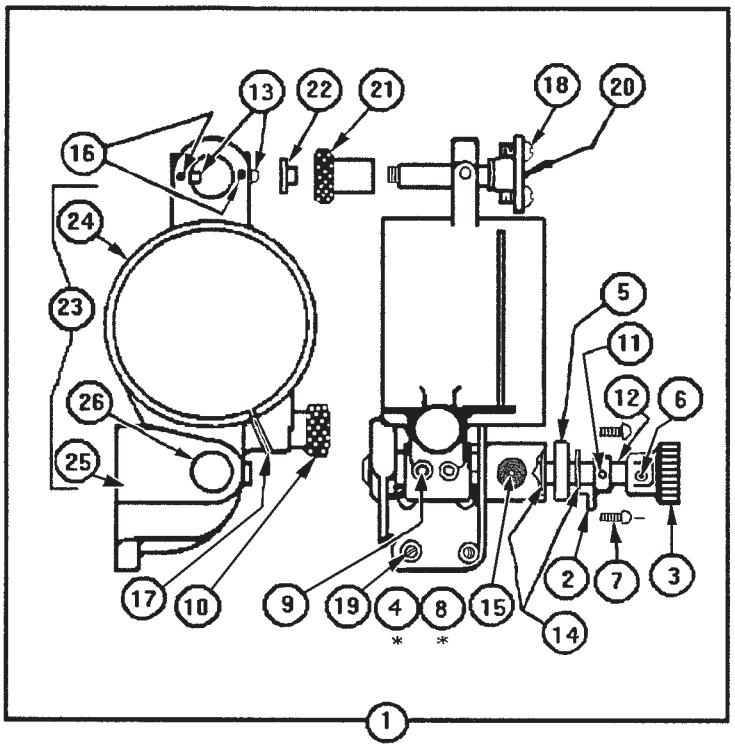
Item	Part No.	Description
68	82-20058	C1-BB-29 Stud & Bushing Assembly
	82-20254	C1-BB-29A Pad Stud (Order 82-20254)
69	82-20254	BU-0027 Bushing (Order 82-20254)
70	81-37008	PN-0025 Pin
71	81-37013	PN-0068 Lock Pin

INTERMITTENT SPROCKET PAD STUD ASSEMBLY (82-20254)

Item	Part No.	Description
72	82-20254	C1-BB-29A* Sprocket Pad Stud Assembly
73	82-20064	KN-0024 Knob
74	81-37003	PN-0036 Pin
75	82-20173	SU-0004 Stud
		* Sold as Assembly *only*

CAM THRUST BEARING & BRACKET ASSEMBLY (H1-BB-31*)

Item	Part No.	Description
76	H1-BB-31*	Bearing & Bracket Assembly
77	82-60277	C1-BB-11 Ball Bearing Assembly
78	81-06100	BR-0643 Bracket
79	4040501	SC-0085 Thrust Screw, 4-40 x 1/2"
		* Not Sold as Assembly - Order Individual Components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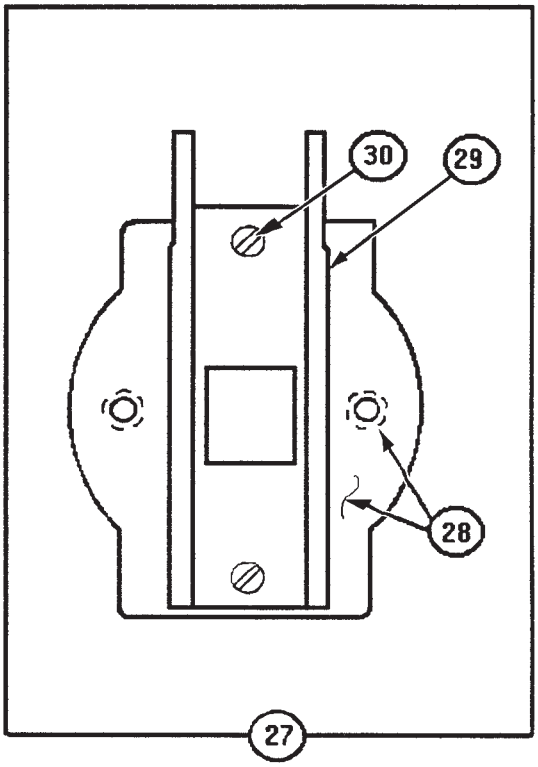
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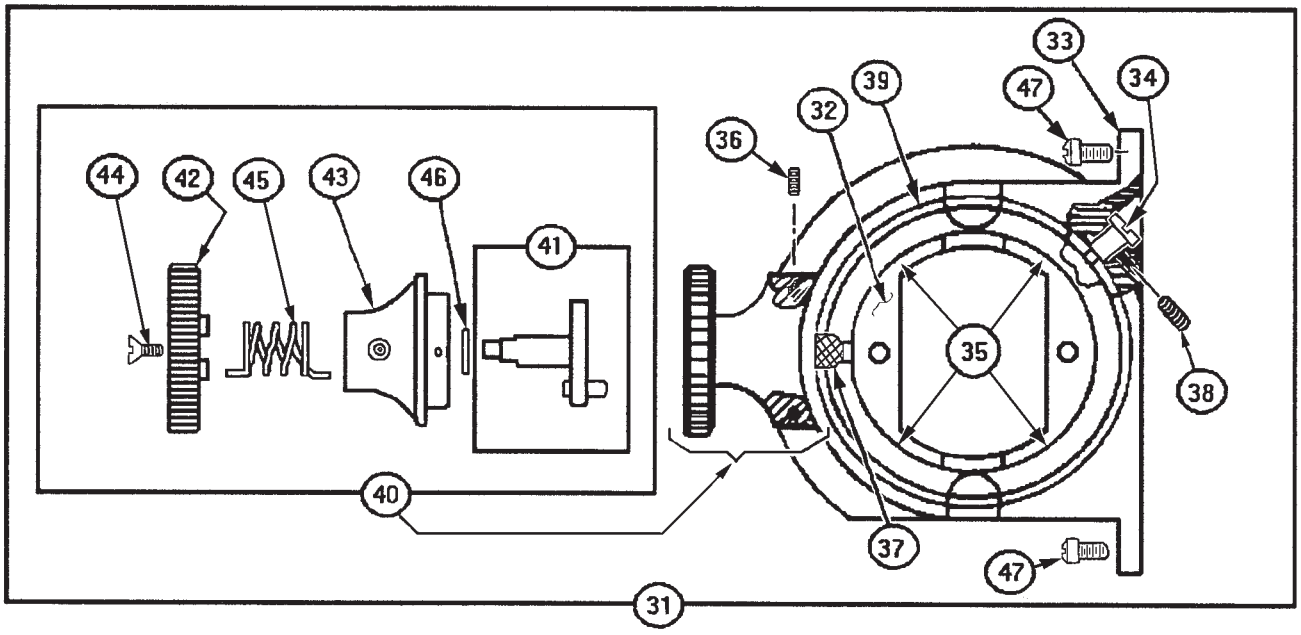
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FOUR-INCH LENS MOUNT ASSEMBLY (82-60113)

Item	Part No.	Description
1	82-60113	H1-A-60A Four-Inch Lens Mount Assembly
	82-60302	H1-A-59A Lens Mount Bracket & Focus Rod Assembly
2	81-11003	CL-0554 Focus Collar
3	82-20397	KN-0045 Focus Knob
4	81-40039	PG-0301 Focus Screw Plug
5	81-56005	SA-1226 Focus Spacer
6	408037D	Focus Knob Retaining Screw, 8-32 x 3/8"
7	4060372	Retaining Screw, 6-32 x 3/8" Socket Head (3 req'd.)
8	4100121	SC-0678 Set Screw, 10-32 x 1/8"
9	425050A	SC-0501 Set Screw, 1/4-20 x 1/2" (2 req'd.)
10	82-20176	SC-1229 Lens Clamp Screw
11	4100180	SC-1236 Set Screw, 10-32 x 3/16"
12	81-51037	SC-1362 Focus Screw
13	4320502	SC-1231 Lens Clamp Screw, 5/16-24 x 1/2" (2 req'd.)
14	81-70017	WA-0163 Focus Washer (2 req'd.)
15	SG-0999	Focus Spring
16	4060123	SC-0579 Lens Clamp Screw, 6-32 x 1/8" (2 req'd.)
17	4377003	Lens Clamp Washer (early models, as req'd.)
		Associated Parts
18	4060370	Mounting Screw, 6-32 x 3/8" (3 req'd.)
19	425050B	Lens Mount Screw, 1/4-20 x 1/2" (4 req'd.)
20	SU-1673	Lens Clamp Stud
21	BU-0795	Eccentric Bushing, Lens Mount
22	NU-0079	Nut, Bushing

LENS MOUNT BRACKET & FOCUS ROD ASSEMBLY (82-60302)

Item	Part No.	Description
23	82-60302	H1-A-59A Lens Mount Bracket & Focus Rod Assembly
24	BR-0601X*	Bracket
25	BR-0663*	Support Bracket
26	RD-0150*	Focus Rod
		* Order 82-60302; Sold as Assembly *only*

PRESSURE PAD & PLATE ASSEMBLY, CURVED (82-60049)

Item	Part No.	Description
27	82-60049	A1-E-40 Pressure Pad & Plate
28	82-60060	A1-E-41 Plate & Studs
29	81-98099	PA-0853 Pressure Pad Runner, Curved
30	4060252	Mounting Screw, 6-32 x 1/4" Flat Head (2 req'd.)

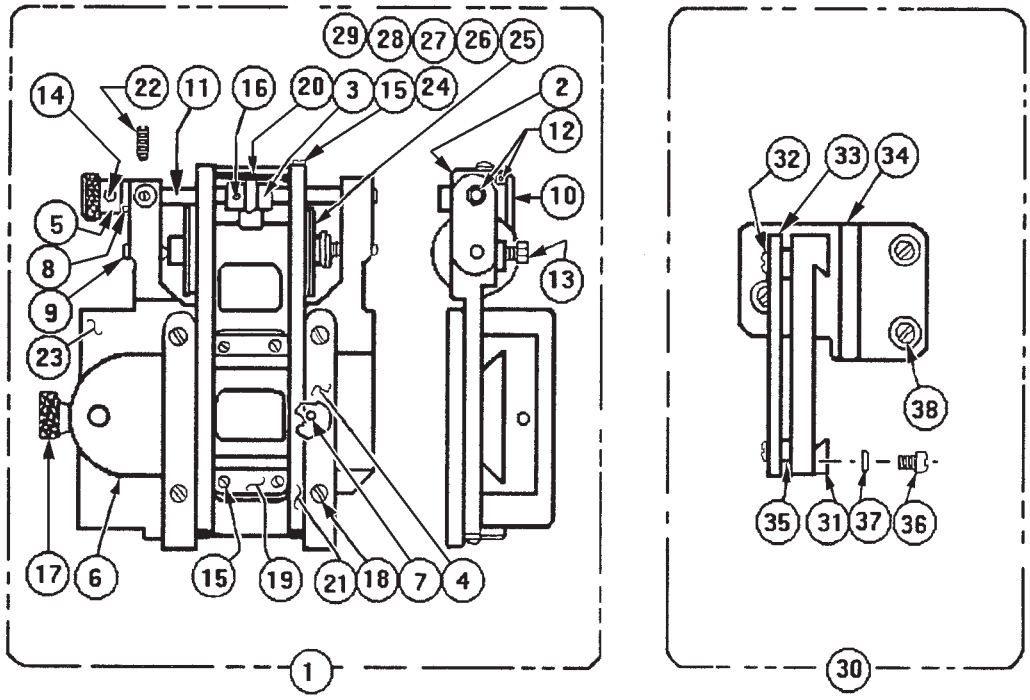
FILM GATE SUPPORT TUBE & BRACKET ASSEMBLY (82-60018)

Item	Part No.	Description
31	82-60018	A1-A-70 Film Gate Support Tube & Bracket Assembly
	82-60035	H1-A-66 Gate Knob Assembly
32	82-20135*	AD-0097 Film Gate Adapter
33	82-20082*	BR-0913 Gate Support Bracket
34	EC-0001	Gate Alignment Eccentric
35	4060252	SC-2453 Gate Adapter Screw (4 req'd.)
36	408025C	Knob Retaining Screw, 8-32 x 1/4" Cone Point
37	81-51033	SC-0144 Thumb Screw, Gate Retaining
38	4080316	Eccentric Lock Screw, 8-32 x 5/16"
39	82-20174*	TU-0172 Gate Support Tube

* Recommend replacing as *Matched Set*

FILM GATE LOCK KNOB & SHAFT ASSEMBLY (82-60035)

Item	Part No.	Description
40	82-60035	H1-A-66 Film Gate Lock Knob & Shaft Assembly
41	82-60022	C1-A-67 Lock Shaft & Pin Assembly
42	81-28003	KN-0027 Knob
43	82-00141	LO-0045 Lock
44	4080255	Screw, 8-32 x 1/4" Flat Head
45	81-58006	SG-0014 Helical Spring, Gate Knob
46	WA-0135	Gate Knob Washer
		Associated Parts
47	425050B	Bracket Mounting Screw, 1/4-20 x 1/2" (4 req'd.)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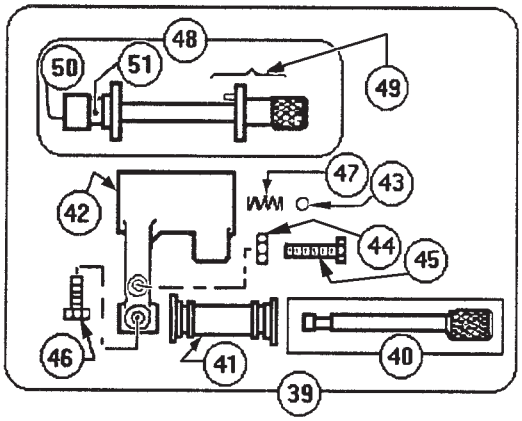
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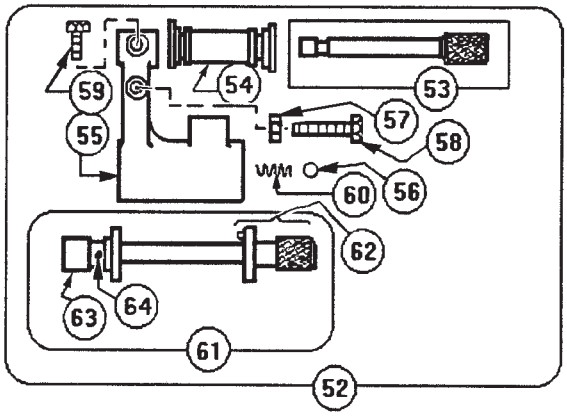
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FILM TRAP ASSEMBLY (82-60047)

Item	Part No.	Description
1	82-60047	A1-E-10 Film Trap Assembly, 35mm
	82-60019	A1-E-12 Lateral Guide Roller Assembly
2	82-60020	A1-E-13 Spring Retaining Block & Pin Assembly
3	81-98135	CM-0685 Shoe Tension Cam
4	82-00112	GU-0016 Studio Guide (2 req'd.)
5	82-20120	KN-0070 Adjusting Knob, Shoe Tension
6	82-00042	PE-0518-E4 Aperture Plate, 1.85:1 Standard
6	82-00050	PE-0518-E8 Aperture Plate, 1.85:1 Undersize
6	82-00046	PE-0518-E15 Aperture Plate, 2:1 Undersize
7	81-37004	PN-0519 Aperture Stop Pin
8	81-37023	PN-0824 Shoe Tension Stop Pin
9	81-49003	PT-0033 Lateral Guide Roller Pivot (2 req'd.)
10	81-98084	RD-0281 Rod, Spring Shoe Block
11	82-00137	RD-0282 Eccentric Cam Rod
12	51-48008	Retaining Ring, Cam Rod (3 req'd.)
13	81-51018	SC-0134 Pivot Retaining Screw (2 req'd.)
14	4060123	Knob Set Screw, 6-32 x 1/8"
15	4020120	Screw, Strap & Spring (8 req'd.), 2-56 x 1/8"
16	4060123	Cam Set Screw, 6-32 x 1/8"
17	82-00138	SC-1800 Thumb Screw, Film Trap Retaining
18	81-98114	SC-0128 Mounting Screw, Studio Guide (4 req'd.)
19	81-58009	SG-1484 Aperture Plate Spring (2 req'd.)
20	81-98197	SG-1802 Cam Spring
21	81-98061	SH-1811 Trap Shoe (Film Strap), 2 req'd.*
22	81-37010	SC-2431 Spring Shoe Tension Screw
23	82-20185	TP-0171 Casting, Film Trap
24	4027000	Lockwasher, Trap Shoe (2 req'd.)

* Replace in *matched pairs*

LATERAL GUIDE ROLLER ASSEMBLY (82-60019)

Item	Part No.	Description
25	82-60019	A1-E-12 Lateral Guide Roller Assembly
26	81-49004	RO-0283 Inner Roller
27	81-49005	RO-0284 Outer Roller
28	81-58019	SG-0124 Compression Spring
29	21-48016	Retaining Ring, for .250" O.D.

FILM TRAP SUPPORT GIB & HEAT SHIELD ASSEMBLY (82-60092)

Item	Part No.	Description
30	82-60092	A1-E-70 Support Gib & Heat Shield Assembly
31	81-98074	GI-0255 Gib Casting
32	4050310	Heat Shield Screw, 5-40 x 5/16" Pan Head (4 req'd.)
33	81-98159	SD-1808 Heat Shield
34	82-20108	SO-1804 Trap Support
35	81-56006	SA-1942 Heat Shield Spacer (4 req'd.)
36	4040250	Support Screw, 4-40 x 1/4" Pan Head (3 req'd.)
37	4047101	Washer (3 req'd.)
		Associated Parts
38	425050B	Trap Support Mounting Screw, 1/4-20 x 1/2" (3 req'd.)

See Page 37 for Water Cooled Trap Support.

UPPER PAD ROLLER ARM ASSEMBLY (82-60096)

Item	Part No.	Description
39	82-60096	C1-C-10 Upper Pad Roller Arm Assembly
	82-20304	C1-C-13 Pad Roller Stud
40	82-20381	C1-C-21 Pad Roller Shaft & Knob
41	82-20240	AR-0001 Arm Casting
42	31-04001	Detent Ball (2 req'd.)
43	4088001	NU-0008 Lock Nut
44	21-49004	Pad Roller
45	4080872	Pad Roller Adjust Screw, 8-32 x 7/8" Hex Head
46	4060374	Pad Roller Shaft Screw, 6-32 x 3/8" Hex Head
47	81-58002	SG-0021 Spring

UPPER PAD ROLLER ARM STUD, KNOB, & BUSHING ASSEMBLY (82-20304)

Item	Part No.	Description
48	82-20304	C1-C-13 Stud, Knob, & Bushing Assembly
49	C1-C-11*	Stud & Knob
50	BU-0027*	Bushing
51	PN-0025*	Pin
		* Order 82-20304; Sold as Assembly *only*

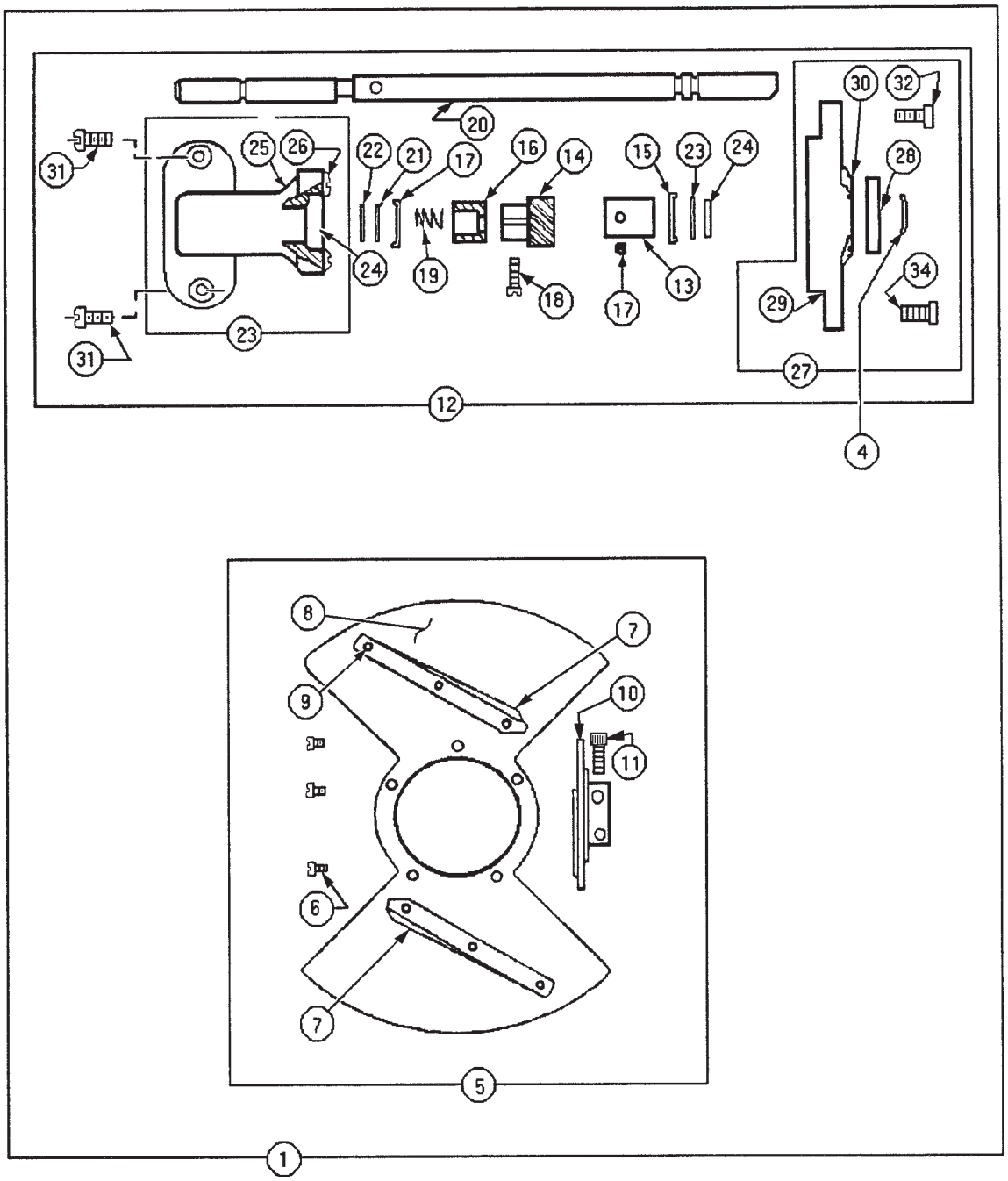
LOWER PAD ROLLER ARM ASSEMBLY (82-60097)

Item	Part No.	Description
52	82-60097	C1-C-40 Lower Pad Roller Arm Assembly
53	82-20381	C1-C-21 Shaft & Knob
	82-20372	C1-C-41 Lower Pad Roller Assembly
54	82-00045	AR-0021 Arm Casting
55	31-04001	Detent Ball (2 req'd.)
56	4088001	NU-0008 Lock Nut
57	21-49004	Pad Roller
58	4080872	Pad Roller Adjust Screw, 8-32 x 7/8" Hex Head
59	4060374	Pad Roller Shaft Screw, 6-32 x 3/8" Hex Head
60	81-58002	SG-0021 Spring

LOWER PAD ROLLER ARM, STUD, KNOB, & BUSHING ASSEMBLY (82-20372)

Item	Part No.	Description
61	82-20372	C1-C-41 Arm, Stud, Knob, & Bushing Assembly
62	C1-C-42*	Arm, Stud, & Knob
63	BU-0027*	Bushing
64	PN-0025*	Pin

* Order 82-20372; Sold as Assembly *only*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SHUTTER & SHAFT ASSEMBLY (H4-D-40X*)

Item	Part No.	Description
1	H4-D-40X*	Shutter & Shaft Assembly
	82-60001	C1-D-50S Shutter Blade Assembly, 100° 1/32”
	82-60036	H1-D-44X Shutter Shaft Assembly
4	81-48006	SG-0016 Shutter Hub Spacer Spring
		* Not Sold as Assembly - Order Individual Components

STEEL SHUTTER BLADE ASSEMBLY, LARGE DIAMETER, 100° (82-60001)

Item	Part No.	Description
5	82-60001	C1-D-50S Shutter Blade Assembly, 1/32" Steel
6	82-00097	SC-0128 Shutter & Hub Screw, 6-36 x 7/32" (5 req’d.)
6	4060254	Screw, 6-32 x 1/4" (5 req’d.) *after May 2006*
7	81-98086	BD-0026 Shutter Blade Air Vane
8	81-98029	BD-1465 Shutter Blade, 100°
9	81-98201	RV-0647 Rivet, Air Vane
10	82-20320	HB-0044 Shutter Hub
11	4080750	Shutter Hub Clamp Screw, 8-32 x 3/4" Socket Head

SHUTTER SHAFT & BRACKET ASSEMBLY, SINGLE (82-60036)

Item	Part No.	Description
12	82-60036	H1-D-44X Shutter Shaft & Bracket Assembly
	82-60031	C2-D-42 Front Shutter Bracket Assembly
	82-60023	C1-D-45 Rear Shutter Bracket Assembly
13	82-20305	CL-0128 Thrust Collar
14	81-23009	GR-0007 Steel Gear
15	81-70025	RT-0061 Bearing Retainer (2 req’d.)
16	82-20300	RT-0062 Pressure Spring Retainer
17	4100180	Collar Set Screw, 10-32 x 3/16"
18	4080627	Gear Screw, 8-32 x 5/8" Fillister Head
19	81-58015	SG-2494 Pressure Spring
20	82-20031	ST-1397X Shutter Shaft
21	81-70016	WA-0130 Thrust Washer, Neoprene (2 req’d.)
22	81-70008	WA-0131 Thrust Washer, Steel (2 req’d.)

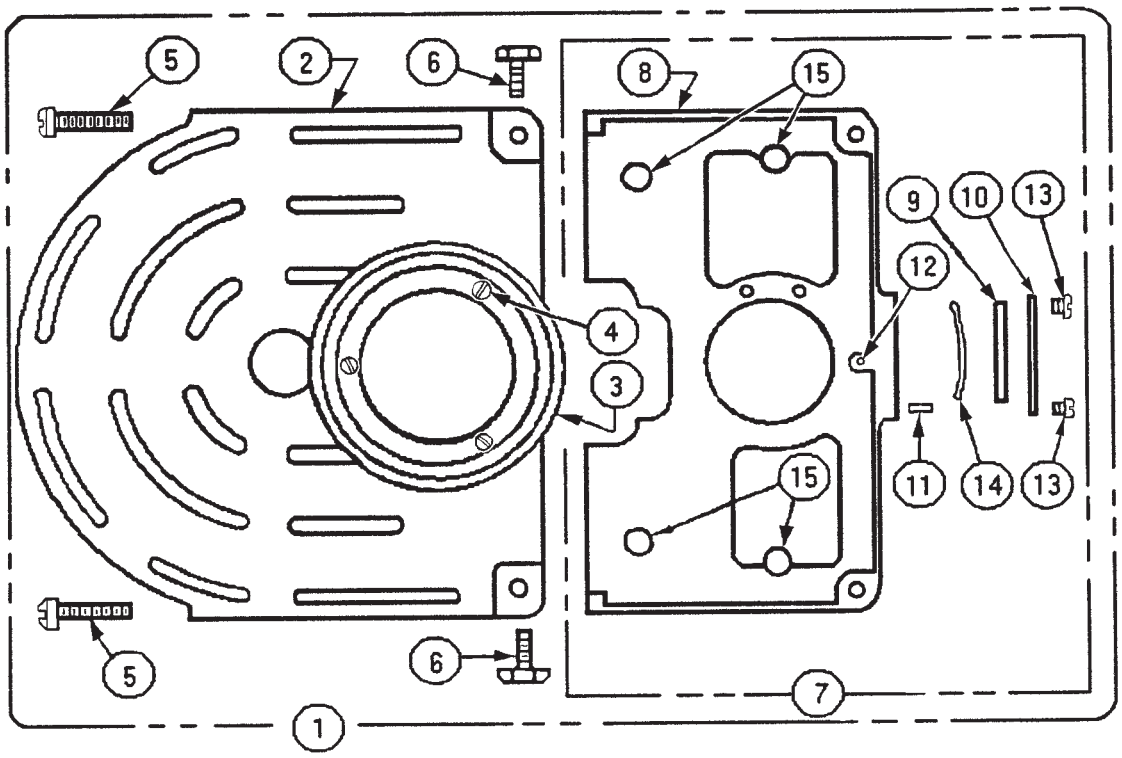
SHUTTER SHAFT BRACKET & BALL BEARING ASSEMBLY (82-60031)

Item	Part No.	Description
23	82-60031	C2-D-42 Bracket & Bearing Assembly
24	81-04005	BG-0009 Ball Bearing
25	82-20152	BR-0186 Front Bracket
26	4080250	Screw, 8-32 x 1/4" Pan Head

SINGLE SHUTTER BRACKET & BALL BEARING ASSEMBLY (82-60023)

Item	Part No.	Description
27	82-60023	C1-D-45 Bracket & Bearing Assembly
28	81-04005	BG-0009 Ball Bearing
29	82-20085	BR-0014 Rear Bracket
30	4080250	Screw, 8-32 x 1/4" Pan Head (4 req'd.)
		Associated Parts
31	425050B	Shutter Bracket Mounting Screw, 1/4-20 x 1/2" (2 req'd.)
32	4250505	Shutter Bracket Mounting Screw, 1/4-20 x 1/2" (4 req'd.)

For *Optional* Double Shutter, see Page 34 of this Booklet.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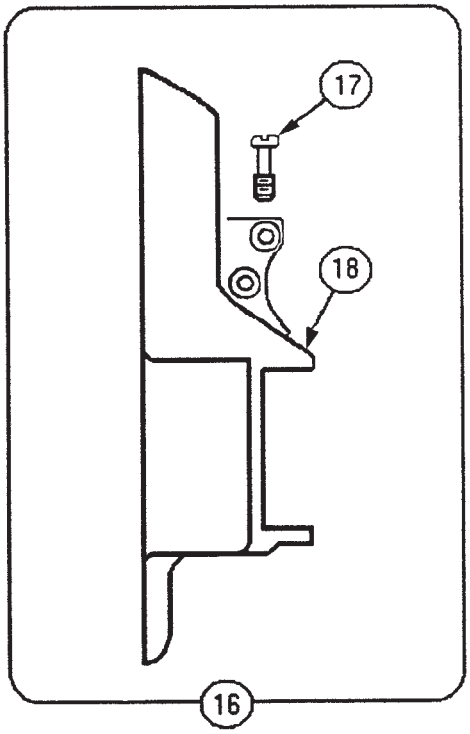
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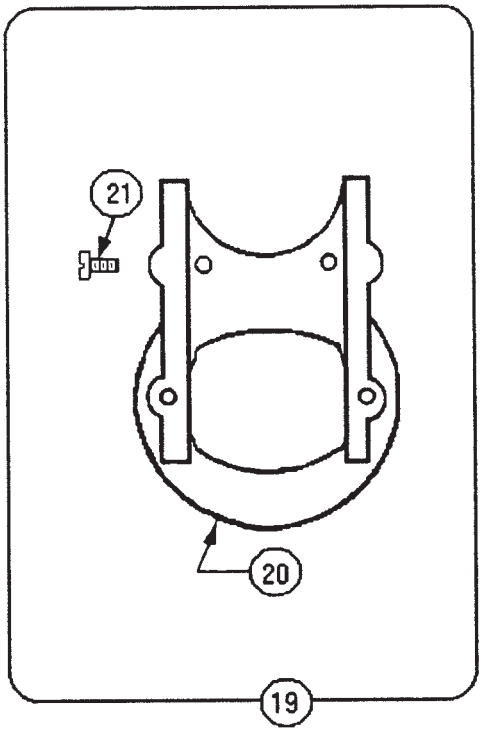
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SHUTTER GUARD ASSEMBLY (82-60011)

Item	Part No.	Description
1	82-60011	H1-D-46 Shutter Guard Assembly
	H1-D-43	Shutter Guard, Fixed
2	82-20087	GD-0185 Shutter Guard, Removable[1,2]
3	82-20303	HD-0076 Hood, Light Shield
4	4080374	Screw, 8-32 x 3/8" Socket Head (3 req'd.)
5	4101250	Screw, 10-32 x 1-1/4" Socket Head (2 req'd.)
6	4250503	Screw, 1/4-20 x 1/2" Hex Head (2 req'd.)

FIXED SHUTTER GUARD ASSEMBLY (H1-D-43*)

Item	Part No.	Description
7	H1-D-43*	Shutter Guard, Fixed
8	82-20084	GD-0202 Shutter Guard (as shown)[1]
-	82-20297	GD-0278 Shutter Guard (for use with *optional* Heat Shield)[2]
9	81-98115	GL-0018 Sight Glass, Tinted
10	81-98162	HO-0005 Sight Glass Holder
11	81-37007	PN-0280 Spring Pin
12	81-37019	PN-0647 Alignment Pin, Shutter Timing
13	4030250	Glass Holder Screw, 3-48 x 1/4" Pan Head (4 req'd.)
14	81-58013	SG-0044 Leaf Spring

* Not Sold as Assembly - Order Individual Components

Associated Parts

15	4250752	Mounting Screw (for GD-0202), 1/4-20 x 3/4" (4 req'd.)

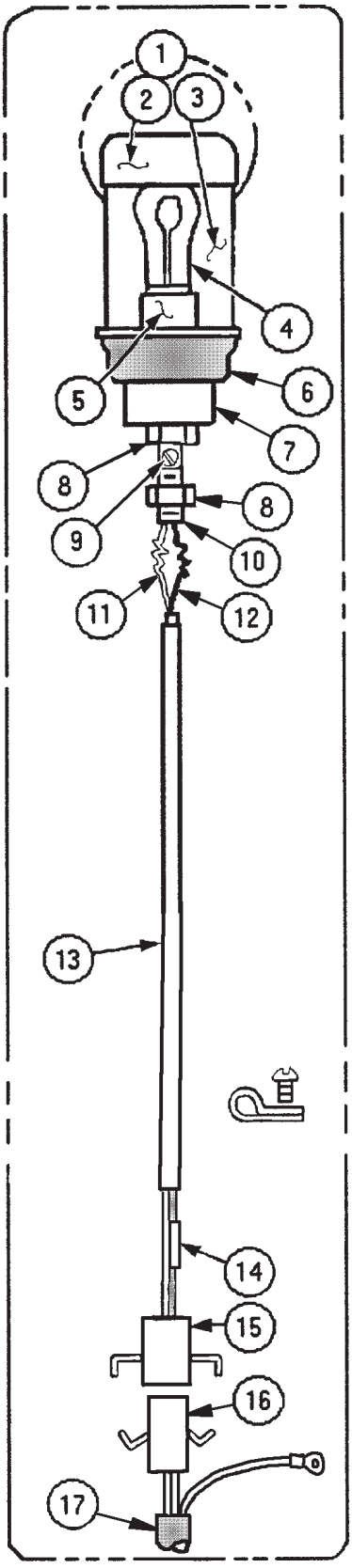
[1] May be ordered as "Matched Pairs" (Order 82-20132)
[2] May be ordered as "Matched Pairs" (Order 82-20310)

LIGHT SHIELD ASSEMBLY (82-60046)

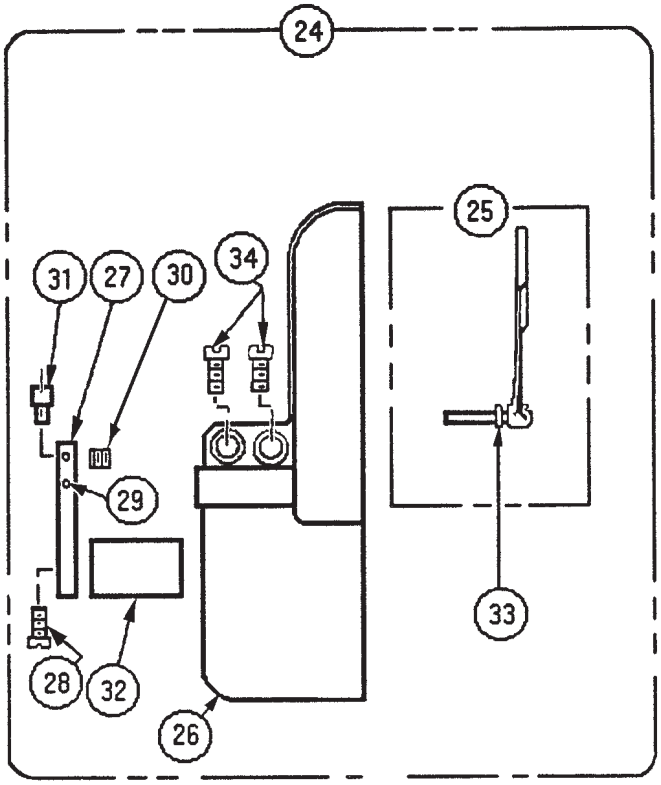
Item	Part No.	Description
16	82-60046	A1-D-70 Light Shield Assembly
17	81-51008	SC-0051 Mounting Screw (2 req'd.)
18	82-20083	SD-1799 Shield Casting

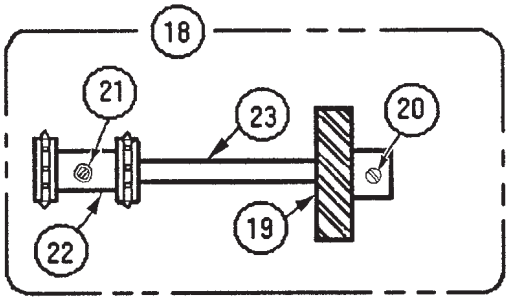
Individual Parts

19	82-60069	A1-D-80 Douser Guide & Heat Shield
20	82-20301	SD-1130 Heat Shield, Aluminum
21	4080311	Mounting Screw, 8-32 x 5/16" Socket Head (2 req'd.)
-	82-60217	9402 Changeover Douser Plate (see Page 39, "Changeover")



Items 5-15 Complete: 82-70095
Items 16-17 Complete: 82-70002





FRAMING LIGHT ASSEMBLY

Item	Part No.	Description
1	82-70008	C3-A-53 Framing Light Shield Assembly
2	81-98253	SD-1997 Cap
3	81-53004	SD-2477 Glass Cover
4	81-30007	LP-0122 Bulb, 12 V.AC

FRAMING LIGHT SOCKET ASSEMBLY (82-70095)

Item	Part No.	Description
5	81-40011	SF-2137 Socket
6	82-40410	SO-2478 Cover Support
7	82-20442	11536 Sleeve
-	82-20441	11535 Holder Ring (not shown)
8	81-35003	NU-0006 Nut (3 req'd.)
9	4060120	SC-0172 Screw, 6-32 x 1/8"
10	82-00157	NI-0078 Nipple, Threaded
11	21-71020	White Wire, 18 AWG (11.5")
12	21-71095	Black Wire, 18 AWG (7" & 3.5")
13	81-67001	TU-0193 Insulator Tubing, 16"
14	61-46057	Resistor, 2 Ohm, 5 Watt
-	41-67005	Shrink Tubing (as req'd.)
15	21-40011	Molex Plug, (2) Position
-	31-62006	Molex Pin, Female (2 req'd.)

FRAMING LIGHT CABLE ASSEMBLY (82-70002)

Item	Part No.	Description
16	21-40019	Molex Receptacle, (2) Position
-	31-62007	Molex Pin, Male (2 req'd.)
17	21-71071	Cable, 18/3 SJ, 6.5 ft. (2 meters)
-	39114000	Ring Terminal, Ground Wire

Associated Parts

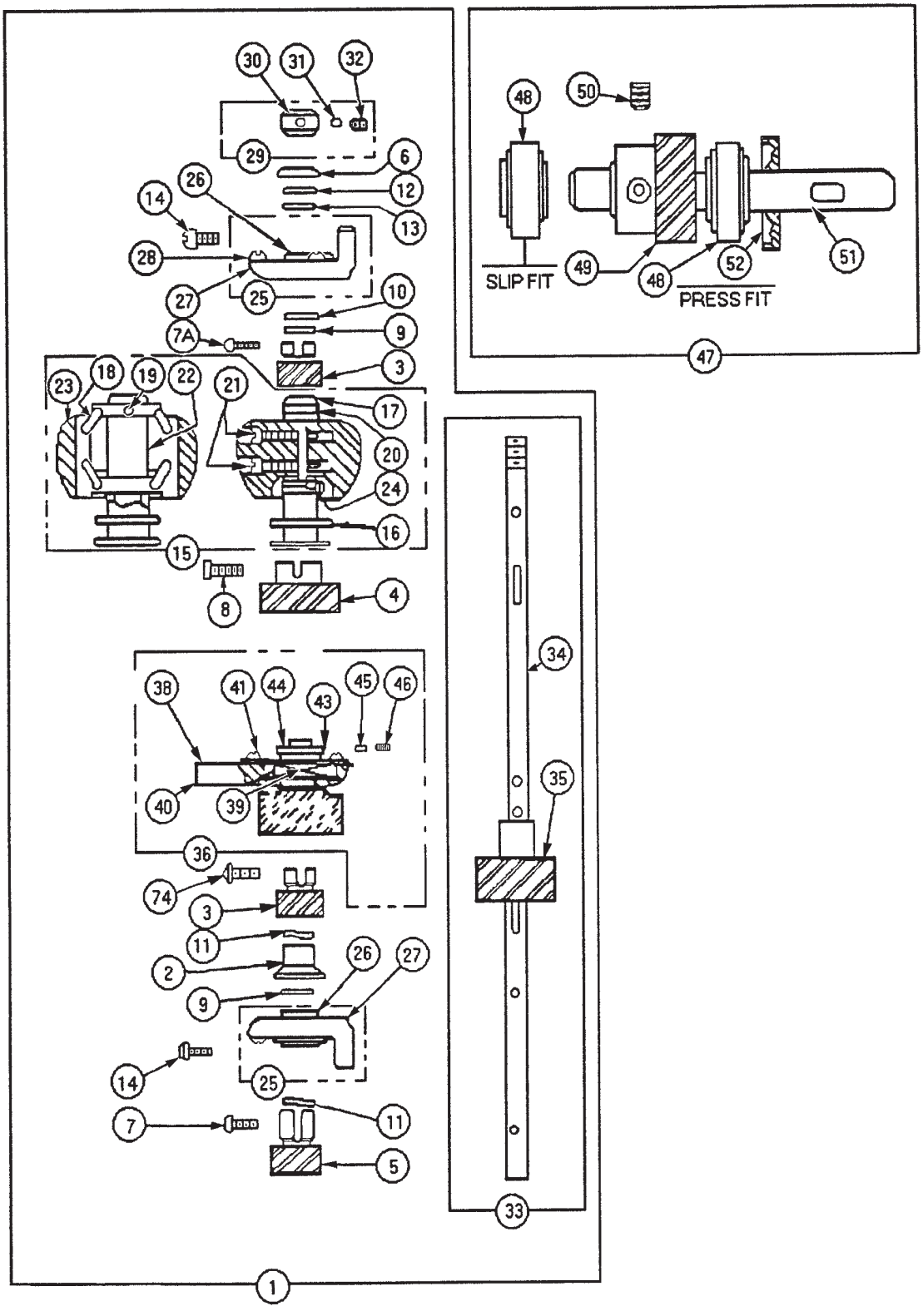
	81-10013	CP-0883 Cable Clamp, Nylon (3 req'd.)
	4060250	Clamp Screw, 6-32 x 1/4" Pan Head (3 req'd.)
	81-10014	Strain Relief, Heyco (not shown)
	81-64003	TF-0375 Stepdown Transformer, 120-12 V.AC (not shown)

SPROCKET SHAFT ASSEMBLY, UPPER & LOWER (82-60030)

Item	Part No.	Description
18	82-60030	C2-D-10 Sprocket Shaft Assembly (2 req'd.)
19	81-23007	GR-0010 Fibre Gear
20	41-51195	Gear Screw, 6-32 x 1/2" Socket Head
21	41-51038	Sprocket Screw, 6-32 x 1/2" Fillister Head
22	81-59004	SK-2204 Film Sprocket, 35mm VKF®
23	82-20153	ST-0002 Sprocket Shaft

AUTOMATIC FIRE SHUTTER SHAFT, *OPTIONAL* (82-60258)

Item	Part No.	Description
24	82-60258	C1-D-60 Fire Shutter Assembly
25	82-60050	C1-D-64 Fire Shutter Arm & Shaft Assembly
26	81-04032	BG-0017 Housing, Cast Aluminum
27	CK-0011	Crank
28	408037D	Screw, 8-32 x 3/8" Fillister Head
29	408025B	SC-2468 Set Screw, 8-40 x 1/4" Cone Point (2 req'd.)
30	408025B	Set Screw, 8-40 x 3/16" Hardened
31	82-00162	SU-0026 Stud
32	81-98081	WT-0008 Counterweight
33	4317102	WA-0241 Washer
34	425050B	SC-0137 Mounting Screw, 1/4-20 x 1/2" Fillister Head (2 req'd.)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SINGLE SHUTTER VERTICAL SHAFT & GOVERNOR ASSEMBLY

Governor Assembly required with *optional* Fire Shutter only

SINGLE SHUTTER VERTICAL SHAFT ASSEMBLY, STANDARD

Item	Part No.	Description
1	82-60084	C3-G-100A Vertical Shaft & Governor Ass'y. (Standard Drive*)
1	82-60085	C3-G-100B Vertical Shaft Ass'y. *less* Governor (Std. Drive)
1	82-60086	M3-G-100A Vertical Shaft & Governor Ass'y. (Direct Drive**)
1	82-60088	M3-G-100B Vertical Shaft Ass'y. *less* Governor (Direct Drive)
2	82-20068	CL-0028 Lower Collar (2 req'd.)
3	81-23012	GR-0005 Sprocket Drive Gear (2 req'd.)
4	81-23015	GR-0207R Shutter Drive Gear
5	81-23017	GR-0004 Vertical Shaft Driven Gear (Standard Drive)
5	81-23014	GR-0182 Vertical Shaft Driven Gear (Direct Drive)
6	81-70025	RT-0061 Washer Retainer
7	4080627	Gear Screw
7A	4080627	Sprocket Gear Screw, 8-32 x 5/8" Socket Head (2 req'd.)
8	4080750	Shutter Gear Screw, 8-32 x 3/4" Socket Head
9	81-70003	WA-0003 Fibre Thrust Washer (2 req'd.)
10	81-70002	WA-0010 Steel Thrust Washer
11	82-00064	WA-0014 Spring Washer (2 req'd.)
12	81-70016	WA-0130 Neoprene Washer
13	81-70008	WA-0131 Steel Thrust Washer
		Associated Parts
14	4250620	Vertical Shaft Mounting Screw, 1/4-20 x 5/8" (4 req'd.)

*Standard Drive (Model SA): (2) Drive Belts **Direct Drive (Model MSC): (1) Drive Belt

GOVERNOR WEIGHT ASSEMBLY, *OPTIONAL* (82-60158)

Item	Part No.	Description
15	82-60158	C1-G-22 Governor Weight Assembly
16	81-98076	HO-0003 Link Holder
17	HO-0004	Link Holder
18	82-40364	LI-0003 Link (4 req'd.)
19	81-51016	SC-2468 Set Screw, 8-40 x 1/4"
20	81-51034	SC-0135 Governor Link Screw (4 req'd.)
21	81-51021	SC-0136 Screw, 5-40 x 57/64" Hardened (4 req'd.)
22	81-98165	SV-0042 Sleeve
23	82-00051	WT-0006 Weight (2 req'd.)
24	81-70030	WA-0296 Washer (2 req'd.)

VERTICAL SHAFT BALL BEARING & BRACKET ASSEMBLY (82-60025)

Item	Part No.	Description
25	82-60025	C1-G-31 Ball Bearing Bracket (2 req'd.)
26	81-04005	BG-0009 Ball Bearing
27	82-20236	BR-0020 Bracket Casting
28	4080250	Bearing Retainer Screw, 8-32 x 1/4" (3 req'd.)

VERTICAL SHAFT UPPER THRUST COLLAR ASSEMBLY (82-60102)

Item	Part No.	Description
29	82-60102	C1-G-44 Upper Thrust Collar Assembly
30	82-20023	CL-0101 Collar*
31	81-40017	PG-0013 Plug (2 req'd.)*
32	4080120	H-3719 Collar Set Screw, 8-32 x 1/4" (2 req'd.)*

* Order 82-60102; *Sold as Assembly only*

VERTICAL SHAFT, KEY, & GEAR ASSEMBLY (82-20256)

Item	Part No.	Description
33	82-20256	C3-G-93 Vertical Shaft, Key, & Gear Assembly
34	81-52001	ST-1796 Shaft
	81-27002	KY-0053-J Key (2 req'd.)
35	81-23008	GR-0366R Intermittent Drive Gear

INTERMITTENT DRIVE BRACKET & NUT ASSEMBLY (82-60103)

Item	Part No.	Description
36	82-60103	C1-G-95 Intermittent Drive Bracket & Nut
	82-60101	C1-G-23 Ball Bearing & Bracket Assembly
	82-60024	C1-G-24 Drive Gear Assembly

INTERMITTENT DRIVE & BRACKET ASSEMBLY (82-60101)

Item	Part No.	Description
38	82-60101	C1-G-23 Ball Bearing & Bracket Assembly
39	81-04001	BG-0006A Ball Bearing
40	82-20048	BR-0003 Bracket Casting*
41	4080250	Screw, 8-32 x 1/4" Pan Head (as req'd.)
42	WA-0239	Bearing Retainer Washer (as req'd.)

* Order 82-60101

INTERMITTENT DRIVE GEAR NUT ASSEMBLY (C1-G-24)

Item	Part No.	Description
43	52-20458	Drive Gear Nut Assembly (2 req'd.)*
44	NU-0001	Nut
45	PG-0013	Plug
46	SC-0063	Screw (2 req'd.)
		* Replace with Self-Locking Nut P-1497 (52-20458)

HORIZONTAL DRIVE SHAFT ASSEMBLY for DIRECT DRIVE (82-60181)

Item	Part No.	Description
47	82-60181	M5-G-111T Horizontal Drive Shaft Assembly
	82-60033	C2-G-112 Drive Shaft & Bearings
48	81-04001	BG-0006A Ball Bearing
49	81-23004	GR-0328 Main Drive Gear
50	4250251	SC-0074 Set Screw, 1/4-20 x 1/4" (2 req'd.)
51	82-20122	ST-2154 Horizontal Drive Shaft
52	81-36002	RI-0617 Oil Seal Ring
		NOTE: Direct Drive (Model MSC) = (1) Drive Belt

HORIZONTAL DRIVE SHAFT ASSEMBLY for STANDARD DRIVE (82-60161)

Item	Part No.	Description
47	C2-G-111T	Horizontal Drive Shaft Assembly
	82-60033	C2-G-112 Drive Shaft & Bearings
48	81-04001	BG-0006A Ball Bearing
49	GR-0302	Main Drive Gear
50	4250375	3052 Set Screw, 1/4-20 x 3/8" (2 req'd.)
51	82-20122	ST-2154 Horizontal Drive Shaft
52	81-36002	RI-0617 Oil Seal Ring
		NOTE: Standard Drive (Model SA) = (2) Drive Belts

HORIZONTAL DRIVE SHAFT & BEARINGS ASSEMBLY

Item	Part No.	Description
	82-60033	C2-G-112 Drive Shaft & Bearings
51	82-20122	ST-2154 Horizontal Drive Shaft
48	81-04001	BG-0006A Ball Bearing
-	82-00143	Spacer Washer (not shown)

DOUBLE SHUTTER PROJECTOR

DOUBLE SHUTTER SHAFT, BRACKET, GEARS, & BLADE ASSEMBLY (82-60068)

Part No.	Description
82-60068	J4-D-50 Double Shutter Shaft, Bracket, Gears, & Blade Ass'y.
82-60118	J8-D-51 Double Shutter Blade & Hub, Inner
82-60123	J8-D-52 Double Shutter Blade & Hub, Outer
82-60044	H1-D-54 Shutter Shaft Bracket & Ball Bearing
81-48006	SG-0016 Shutter Spring
SA-2044	Shutter Spacer
4250505	Socket Screw, 1/4-20 x 1/2"

INNER SHUTTER BLADE & HUB ASSEMBLY (82-60118)

Part No.	Description
82-60118	J8-D-51 Inner Shutter Blade & Hub
82-60108	C2-D-56 Hub & Clamp Screws
82-60124	J8-D-59 Shutter & Air Vanes
81-98114	SC-0128 Fastening Screw (5 req'd.)

INNER SHUTTER HUB ASSEMBLY (82-60108)

Part No.	Description
82-60108	C2-D-56 Shutter Hub Assembly
82-20405	HB-0045 Hub
4080750	Clamping Screw, 8-32 x 3/4" Socket Head (2 req'd.)

INNER SHUTTER BLADE & AIR VANE ASSEMBLY (82-60124)

Part No.	Description
82-60124	J8-D-59 Shutter Blade Assembly
81-98086	BD-0026 Air Vane (2 req'd.)
81-98122	BD-1083 Shutter Blade, Inner
4060120	Vane Screw, 6-32 x 1/8" Pan Head (6 req'd.)

OUTER SHUTTER BLADE & HUB ASSEMBLY (82-60123)

Part No.	Description
82-60123	J8-D-52 Shutter Blade & Hub Assembly
82-60032	C2-D-49 Hub & Clamp Screws
82-00097	SC-0128 Fastening Screw (5 req'd.)
4060254	Screw, 6-32 x 1/4" (replaces SC-0128 after May 2006)
81-98042	BD-1082 Shutter Blade, Outer

OUTER SHUTTER HUB ASSEMBLY (82-60032)

Part No.	Description
C2-D-49	Shutter Hub Assembly
82-20320	HB-0044 Hub
4080750	Clamping Screw, 8-32 x 3/4" Socket Head (2 req'd.)

DOUBLE SHUTTER SHAFT BRACKET & BALL BEARING ASSEMBLY (H1-D-54*)

Part No.	Description
H1-D-54*	Double Shutter Shaft Bracket & Bearing Assembly
82-60031	C2-D-42 Shutter Shaft Bracket & Bearing Assembly
C2-D-55A*	Double Shutter Intermittent Bracket Assembly
82-20305	CL-0128 Shutter Shaft Thrust Collar
81-23009	GR-0007 Intermittent & Shutter Drive Gear
81-70025	RT-0061 Thrust Washer Retainer (2 req'd.)
82-20300	RT-0062 Shutter Shaft Spring Retainer
4100180	Set Screw, 10-32 x 3/16"
4080623	Screw, 8-32 x 5/8" Socket Head
82-20031	ST-1397X Shutter Shaft
81-70016	WA-0130 Steel Washer (2 req'd.)
81-70008	WA-0131 Spring Washer (2 req'd.)
	* Not Sold as Assembly - Order Individual Components

INTERMEDIATE BRACKET, GEARS, & BALL BEARING ASSEMBLY (C2-D-55A*)
for Double Shutter Projectors

Part No.	Description
C2-D-55A*	Intermediate Bracket, Gears, & Bearing Assembly
82-60099	C1-D-39 Intermediate Shutter Shaft & Bearing Assembly
82-60160	C2-D-53B Outer Rear Bracket, Gear, & Bearing Assembly
81-04005	BG-0009 Ball Bearing
82-20209	BR-0016 Bracket Casting
82-20029	CL-0035 Thrust Collar
81-23009	GR-0007 Steel Gear
81-23002	GR-0072 Reverse Shutter Gear
4080627	Screw, 8-32 x 5/8" Fillister Head
4060502	Screw, Collar & Gear; 6-32 x 1/2" Socket Head (2 req'd.)
4060250	SC-0112 Screw, Bearing Retaining (2 req'd.)
408025C	Screw, Reverse Gear & Bearing Retaining (2 req'd.)
SG-0086	Thrust Spring
WA-0005	Fibre Thrust Washer
WA-0017	Steel Thrust Washer (2 req'd.)
81-70011	WA-0254 Thrust Washer
	* Not Sold as Assembly - Order Individual Components
	Associated Parts
4250505	Mounting Screw, Intermediate Bracket, 1/4-20 x 1/2" (4 req'd.)

DIRECT DOUBLE SHUTTER BRACKET & BALL BEARING ASSEMBLY (82-60160)

Part No.	Description
82-60160	C2-D-53B Direct Double Shutter Bracket & Bearing Assembly
82-60159	C2-D-53A Bearing & Matched Gear Assembly
82-20316	BR-0015 Bracket Casting
81-98068	CL-0747 Inner Spacing Collar
82-20336	SA-2043 Spacer
4060256	Collar Set Screw, 6-32 x 1/4"
81-70028	WA-0009 Washer

GEAR & BALL BEARING ASSEMBLY for DOUBLE SHUTTER (82-60159)

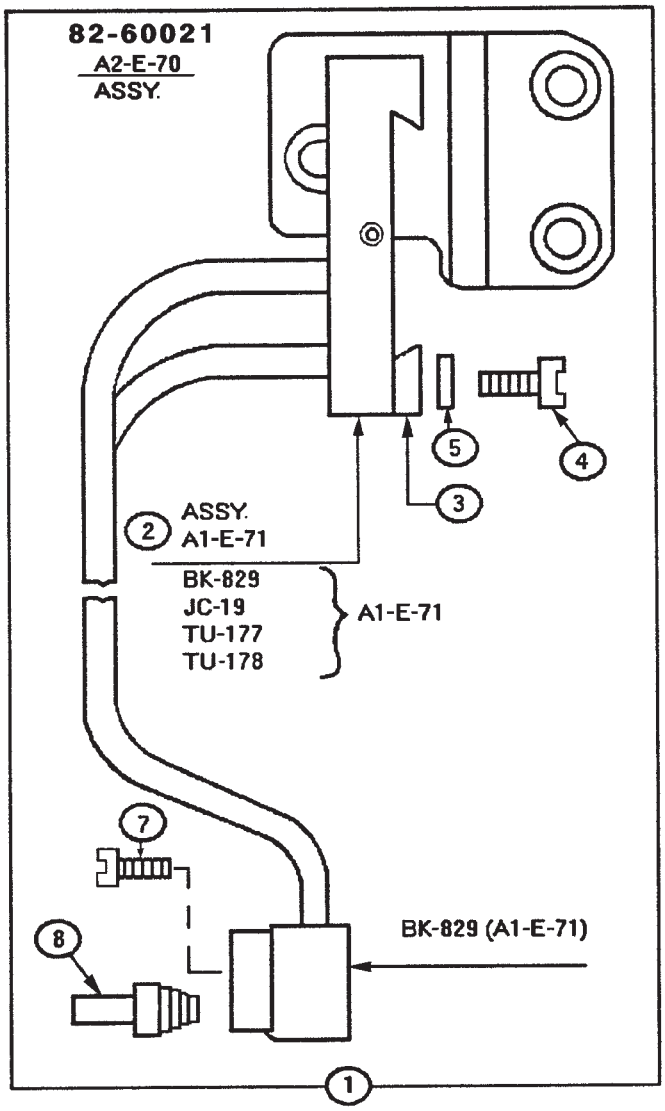
Part No.	Description
82-60159	C2-D-53A Gear & Ball Bearing Assembly
81-04001	BG-0006A Ball Bearing (2 req'd.)
82-20316	BR-0015 Bracket Casting
81-23005	GR-0013 Intermediate Shutter Gear (2 req'd.)

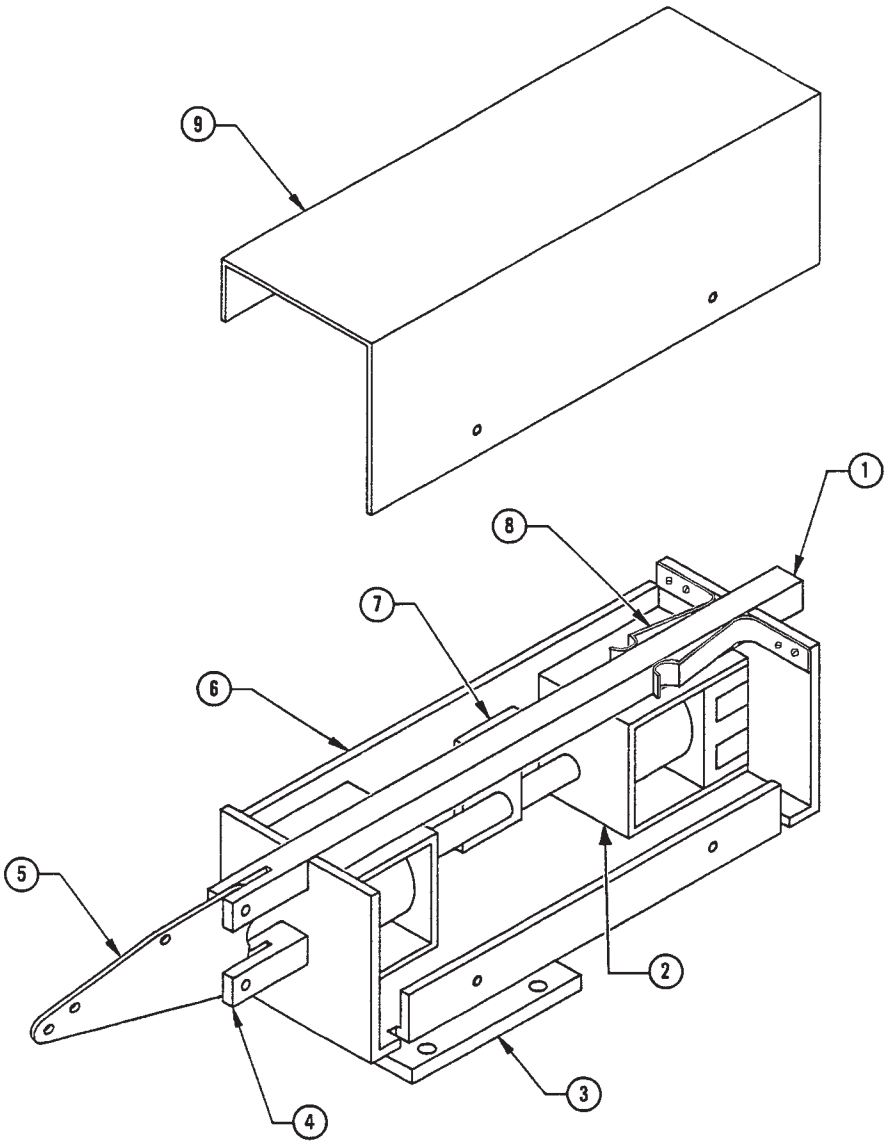
ADDITIONAL PARTS for WATER-COOLED PROJECTORS

Item	Part No.	Description
1	82-60021	A2-E-70 Film Trap Support Gib, Water-Cooled (Complete)
2	82-40072	A1-E-71 Support Gib/Water Cell with Tubes & Connector Block
3	81-98074	GI-0255 Film Trap Support Gib with Water Cell
4	4040500	Fastening Screw, 4-40 x 1/2" Bind Head (3 req'd.)
5	4047000	WA-0088 Washer (3 req'd.)
6	4080627	Fastening Screw, 8-32 x 5/8" Fillister Head
7	425050B	Mounting Screw, 1/4-20 x 1/2" Fillister Head (3 req'd.)
8	81-20001	Hose Connector, Nylon (not incl. with Item 2; 2 req'd.)

Associated Parts

4250505	Mounting Screw, 1/4-20 x 1/2" Socket Screw (3 req'd.)

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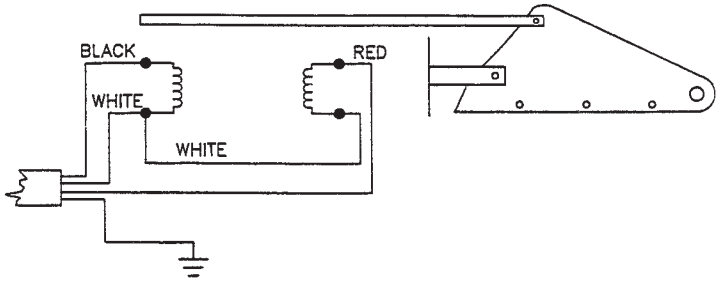
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CENTURY PICTURE CHANGEOVER DEVICE, 115 V.AC (82-60218*)

Item	Part No.	Description
1	52-20676	P-7922 Push Rod
2	51-55005	Solenoid, 115 V.AC (2 req'd. for 82-60218)
-	51-55006	Solenoid, 230 V.AC (2 req'd. for 82-60219*)
-	81-55006	Solenoid, 24 V.AC (2 req'd. for 82-60283*)
-	4080314	Solenoid Mounting Screw, 8-32 x 5/16" Flat Head
3	52-40233	P-7926 Base Plate
4	52-20677	P-7923 Pivot Block, Bell Crank
-	51-98254	P-7966 Clevis Pin, 1/8" Diameter
-	01704000	Cotter Pin, 1/16" Diameter
5	51-98090	P-7892 Bell Crank
-	51-98254	P-7966 Clevis Pin, 1/8" Diameter
-	01704000	Cotter Pin, 1/16" Diameter
6	52-40231	P-7919 Bracket, Changeover Body
-	41-13008	Cable Clamp, 90°
7	52-40232	P-7925 Connector Plate
-	4060372	Screw, 6-32 x 3/8" Socket Head
-	51-98254	Clevis Pin, 1/8" Diameter (Plate to Solenoid Armature)
-	01704000	Cotter Pin, 1/16" Diameter
8	51-58058	P-7920 Leaf Spring (2 req'd.)
-	4040250	Spring Mounting Screw, 4-40 x 1/4" (4 req'd.)
9	52-40235	P-7924 Cover
-	4060257	Cover Mounting Screw, 6-32 x 1/4" Pan Head (Black)

Associated Parts (not shown)

82-20344	9403 Linkage Rod to Changeover Douser Plate
82-60217	9402 Douser Plate & Clamp Assembly
4060253	Clamp Screw, Douser Plate to Linkage Rod; 6-32 x 1/4"
51-71007	Cable, (4) Conductor, Type SO (6 feet req'd.)

* Order 82-60219 for 230 V.AC Changeover Assembly (Complete)
Order 82-60283 for 24 V.AC Changeover Assembly (Complete)