



FUJINON TV LENS

PARTS LIST

ZOOM RATE DEMAND UNIT

ERD-72B

FUJI PHOTO OPTICAL CO., LTD.

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1. General assembly
ERD - 72B (Fig. 1)

<u>Ref.No.</u>	<u>PartNo.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Remarks</u>
13A	53A3853290	Locking screw assembly	1	
14A	53A4167350	Locking screw assembly	1	
18A	110A7992740	P.C.B. assembly	1	
39A	338A7651160	Amplifier	1	
40A	85A7959460	Actuator plate assembly	1	
41A	117A7660800	Potentiometer assembly	1	
42A	117A7660830	Variable resistor assembly	2	
43A	117A7660840	Variable resistor assembly	1	
44A	121A7660810	Toggle switch assembly	1	
45A	121A7677130	Slide switch assembly	1	
46A	121A6628280	Return switch assembly	1	
1	11B7187700	Grip cover	1	
2	11B6628530	Cover	1	
3	11B6628560	Dust cover disk	2	
7	13B7677110	Spacer	1	
10	15B2984420	Rod	1	
13	16B4264650	Torque adjusting lever	1	
14	16B5311490	Knob	1	
15	16B6628220	Button	2	
16	16B6628540	Knob	2	
19	17B685080	Pin	1	
20	19B7443050	Key	1	
22	23B2984400	Ring	1	
23	23B4342860	Thumb ring	1	
24	23B6361550	Arm	1	
25	23B6361560	Bracket	1	
26	23B7187710	Retaining ring	1	
27	23B6628270	Main body	1	
28	23B6628310	Inner pipe	1	
29	23B6628320	Moving ring	1	
30	23B6628350	Sheet	1	
31	23B6628460	Interlocking ring	1	
41	32B685230	Bearing mounting shaft	1	
43	32B4457080	Roller shaft	6	

1. (continued)

<u>Ref.No.</u>	<u>PartNo.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Remarks</u>
44	32B6628340	Moving shaft	1	
45	32B6628400	Shaft	1	
46	32B6628430	Shaft	2	
54	35B6628370	Cam ring	1	
57		Zoom roller	12	dwg. No. 37B4599620
	37B4599630	(D=4.015mm)		
	37B4599640	(D=4.010mm)		
	37B4599650	(D=4.000mm)		
	37B4599660	(D=3.990mm)		
60	41B6628240	Mounting casting	1	
61	41B6628450	Thumb ring bracket	1	
64	46B4264660	Interlocking plate	1	
65	46B5881860	Mounting plate	1	
66	46B6628440	Mounting plate	1	
67	46B6628480	Mounting plate	1	
68	46B6628490	Switch mounting plate	1	
69	46B7670500	Mounting plate	1	
70	46B6628550	LED Mounting plate	1	
74	50B1590040	Coiled spring	2	
75	50B6628230	Coiled spring	2	
76	50B6628360	Coiled spring	1	
79	53B685350	Screw	1	
80	53B1596140	Stopper screw	1	
88	55B685390	Washer	1	
89	55B6628330	Washer	2-4	
90	55B6844210	Washer	2	
91	55B6864610	Washer	2	
94	57B1835160	Rubber cap	2	
95	57B6628600	Cap	2	
97	58B4601070	Label	1	
98	58B7187760	Label	1	
99	58B7670340	Label	1	
100	58B7187720	Label	1	
101	58B7453850	Nameplate	1	

1. (continued)

<u>Ref.No.</u>	<u>PartNo.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Remarks</u>
102	58B6628560	Label	1	
103	58B6628580	Label	1	
104	58B6628590	Label	1	
105	58B6632020	Label	1	
106	58B7687740	Number label	1	
112	87B2869200	Rubber stopper	2	
115	112B6884730	Connector cord	1	
116	112B6884720	Connector cord	2	
117	112B7670800	Connector cord	1	
118	112B6884710	Connector cord	1	
119	112B6389450	Connector cord	1	
120	112B6389460	Connector cord	1	
121	112B6389470	Connector cord	1	
122	112B6389480	Connector cord	1	
123	112B6389490	Connector cord	1	
124	112B7678510	Connector cord	1	
125	112B7670790	Connector cord	1	
127	113B6389410	Connector cord	1	
128	113B6389420	Connector cord	1	
129	113B6389430	Connector cord	1	
130	113B6389440	Connector cord	1	
133	117B4280520	Variable resistor	2	TOCOS RV102YP
134	117B7651200	Potentionmeter	1	
137	13K850970	Spacer	1	
143	31K16010	Ball bearing	1	N.M.B L-630F
144	31K259530	Flanged ball bearing	1	N.M.B LF-840ZZ
145	31K850940	Ball bearing	1	NSK 6902ZZ
148	42K850930	Bushing	1	
152	50K359820	Coiled spring	1	
155	57K519690	Connector cap	1	HIROSE RM12BR-C
158	60K846670	'O' ring	1	NOK C0505A
167	106K850950	LED	1	ROHM SL11-56MC
170	113K519680	Connector	1	HIROSE RM12BRB-7P

1. (continued)

<u>Ref.No.</u>	<u>PartNo.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Remarks</u>
171	113K795320	Connector	1	HIROSE HR10A-13R-20PC
175	117K629700	Variable resistot	1	
178	121K548060	Intercom switch	1	Nikkai M-2019N-2W
180	121K859870	Slide switch	1	Nikkai MS-22BAS1
181	121K850910	Toggle switch	1	Nikkai M-2022W
181	121K859860	Toggle switch	1	Nikkai M-2020W
186	110M200401G	Screw	10	
187	110M200403G	Screw	3	
188	110M200503G	Screw	9	
190	110M260403G	Screw	6	
191	110M260500G	Screw	4	
192	110M260503G	Screw	3	
193	110M260603G	Screw	4	
194	110M260803G	Screw	4	
195	110M300400G	Screw	4	
196	110M300600G	Screw	1	
198	110M301000M	Screw	2	
208	112M260603G	Screw	4	
209	111M300600G	Screw	6	
210	111M301000G	Screw	6	
213	118M06090T	Helicoil	3	
216	120M170301M	Setscrew	4	
217	120M260252M	Setscrew	8	
218	120M260301M	Setscrew	8	
219	120M260302W	Setscrew	2	
220	120M260451M	Setscrew	4	
224	130M030501V	Hexagon socket setscrew	3	
227	165M0202H	Spring washer	12	
228	165M0262G	Spring washer	4	
229	165M0262H	Spring washer	13	
230	165M0302G	Spring washer	3	
232	165M0302M	Spring washer	5	
235	166M03M	Plain washer	5	

1. (continued)

<u>Ref.No.</u>	<u>PartNo.</u>	<u>Description</u>	<u>Q'ty</u>	<u>Remarks</u>
237	166M03005G	Plain washer	3	
240	167M26005G	Small plain washer	4	
243	182M141001H	Spring pin	1	
246	182M161001H	Spring pin	1	
247	182M200801H	Spring pin	1	
248	182M201001H	Spring pin	1	
254	190M2402H	'C' washer	1	
255	190M025T	'E' washer	1	
259	260M03100M	Hexagon socket bolt	3	
260	260M03140G	Hexagon socket bolt	3	
263	115R7030010	Heat shrinkable rubber tuve	1	
266	116R7210840	Capacitor	2	Ceramic

2.

Amplifier
338A7651162 (Fig. 3a / 3b)

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
	110B7660710	P.C. board	
C 1	116K855090	Aluminum electrolytic capacitor	NICHICON UWX1E100MCR1GB
C 2	116K799830	Capacitor	MURATA GRM40F103Z50
C 3 - 5	116K854880	Aluminum electrolytic capacitor	NICHICON UWX1C100MCR1GB
C 6 - 8	116K799830	Capacitor	MURATA GRM40F103Z50
C 9 - 10	116R7250370	Capacitor	MURATA GRM40CH101J50
C 11 - 12	116K799840	Capacitor	MURATA GRM40F104Z
CN101 - 102	113K799940	Connector	MOLEX 53047-0310
CN103 - 104	113K799950	Connector	MOLEX 53047-0410
CN105 - 106	113K856740	Connector	MOLEX 53047-1010
CN107	113K799930	Connector	MOLEX 53047-0210
CN108 - 110	113K799940	Connector	MOLEX 53047-0310
CN111	113K799680	Connector	MOLEX 53047-0810
CR 1 - 2	106K851120	Diode	MATSUSHITA MA112
R 1	117R7510800	Resistor	KOA RK73H2A 2k Ω F
R 2	117R7511280	Resistor	KOA RK73H2A 200k Ω F
R 3 - 5	117R7511210	Resistor	KOA RK73H2A 100k Ω F
R 6	117R7510730	Resistor	KOA RK73H2A 1k Ω F
R 7	117R7510970	Resistor	KOA RK73H2A 10k Ω F
R 8	117R7511120	Resistor	KOA RK73H2A 43k Ω F
R 9	117R7510970	Resistor	KOA RK73H2A 10k Ω F
R 10	117R7510730	Resistor	KOA RK73H2A 1k Ω F
R 11 - 12	117R7510940	Resistor	KOA RK73H2A 7.5k Ω F
R 13 - 14	117R7510800	Resistor	KOA RK73H2A 2k Ω F
R 15 - 16	117R7510970	Resistor	KOA RK73H2A 10k Ω F
R 17 - 18	117R7510800	Resistor	KOA RK73H2A 2k Ω F
R 19	117R7511040	Resistor	KOA RK73H2A 20k Ω F
R 20 - 21	117R7511010	Resistor	KOA RK73H2A 15k Ω F
R 22 - 23	117R7510940	Resistor	KOA RK73H2A 7.5k Ω F
R 25	117R7510900	Resistor	KOA RK73H2A 5.1k Ω F
R 26	117R7510840	Resistor	KOA RK73H2A 3k Ω F
R 27 - 28	117R7511320	Resistor	KOA RK73H2A 300k Ω F

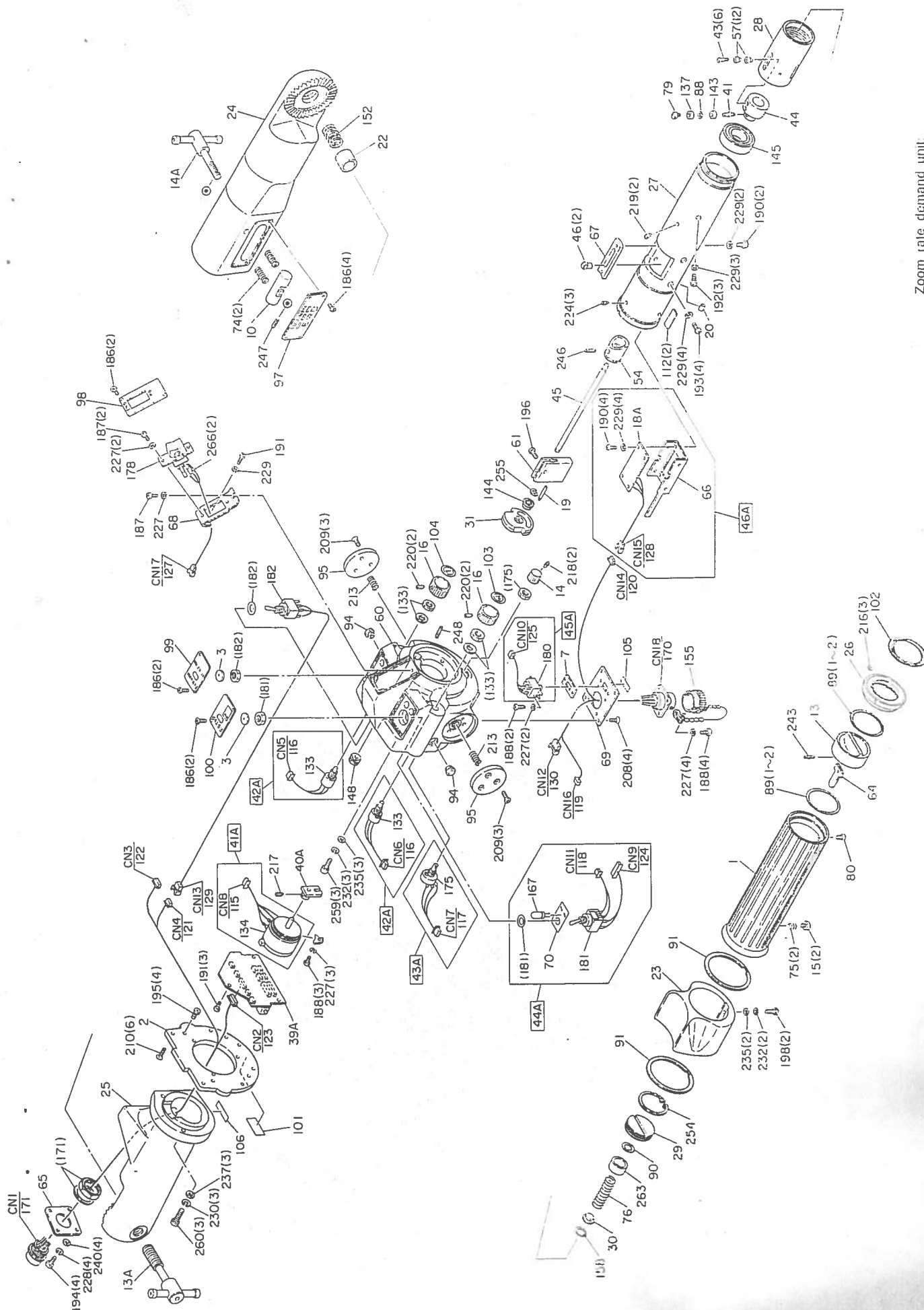
2. (continued)

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
R 29	117R7510730	Resistor	KOA RK73H2A 1k Ω F
R 30	117R7510970	Resistor	KOA RK73H2A 10k Ω F
R 31 - 33	117R7511270	Resistor	KOA RK73H2A 180k Ω J
R 34	117R7511060	Resistor	KOA RK73H2A 24k Ω F
R 35	117R7511250	Resistor	KOA RK73H2A 150k Ω F
R 36	117R7511220	Resistor	KOA RK73H2A 110k Ω F
R 37	117R7511190	Resistor	KOA RK73H2A 82k Ω F
R 38	117R7511040	Resistor	KOA RK73H2A 20k Ω F
R 39	117R7511250	Resistor	KOA RK73H2A 150k Ω F
R 40	117R7511220	Resistor	KOA RK73H2A 110k Ω F
R 41	117R7511190	Resistor	KOA RK73H2A 82k Ω F
R 42	117R7511040	Resistor	KOA RK73H2A 20k Ω F
R 43 - 44	117R7510730	Resistor	KOA RK73H2A 1k Ω F
R 45 - 46	117R7511210	Resistor	KOA RK73H2A 100k Ω F
R 47 - 48	117R7510950	Resistor	KOA RK73H2A 8.2k Ω F
R 50	117R7510850	Resistor	KOA RK73H2A 3.3k Ω F
R 51	117R7510000	Resistor	KOA RK73Z2A 0 Ω /1%
RV 1 - 3	117K964130	Resistor	TOCOS G4A-20k Ω
RV 4	117R7340190	Trimmer	TOCOS RG06S-5k Ω
RV 5 - 6	117K856800	Trimmer	TOCOS G4A-2k Ω
RV 7	117K964120	Resistor	TOCOS G4A-5k Ω
RV 8	117K856820	Trimmer	TOCOS G4A-50k Ω
S 1	121K799690	Switch	Nikkai AS-22AH
TP 1 - 4	108K568470	Check terminal	MAC8 LC-3-S
U 1 - 2	106K791400	Op. amplifier	ROHM BA10324AF
U 3 - 7	106K856250	Op. amplifier	JRC NJMOP-07M
U 8 - 9	106K799910	Integrated circuit	TOSHIBA TC4052BF

3.

P.C.B. assembly
110A7992740 (Fig. 4)

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
	110B7660710	P.C. board	
C 3 - 4	116K855480	Capacitor	MURATA RPE110F103Z50
S 1 - 2	116K799830	Switch	MURATA GRM40F103Z50



Zoom rate demand unit
general assembly
ERD-72B