

Mamiya

Mamiya_M645

**Mamiya-Sekor C Lenses
and
Seiko Shutter Type 824 for 70mm F2.8C**

- **Parts Catalog**
- **Exploded Views**

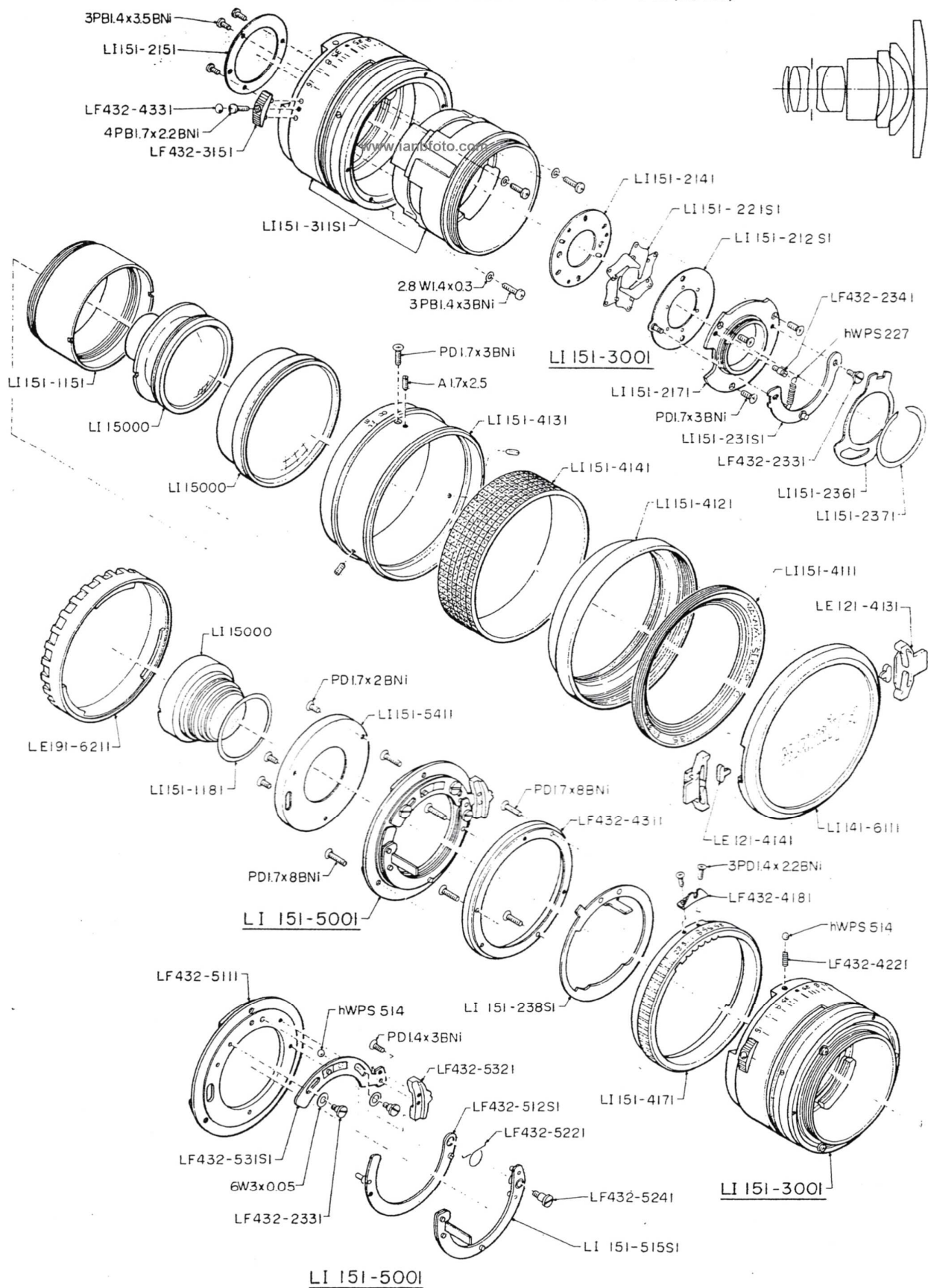
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www.ianbfoto.com

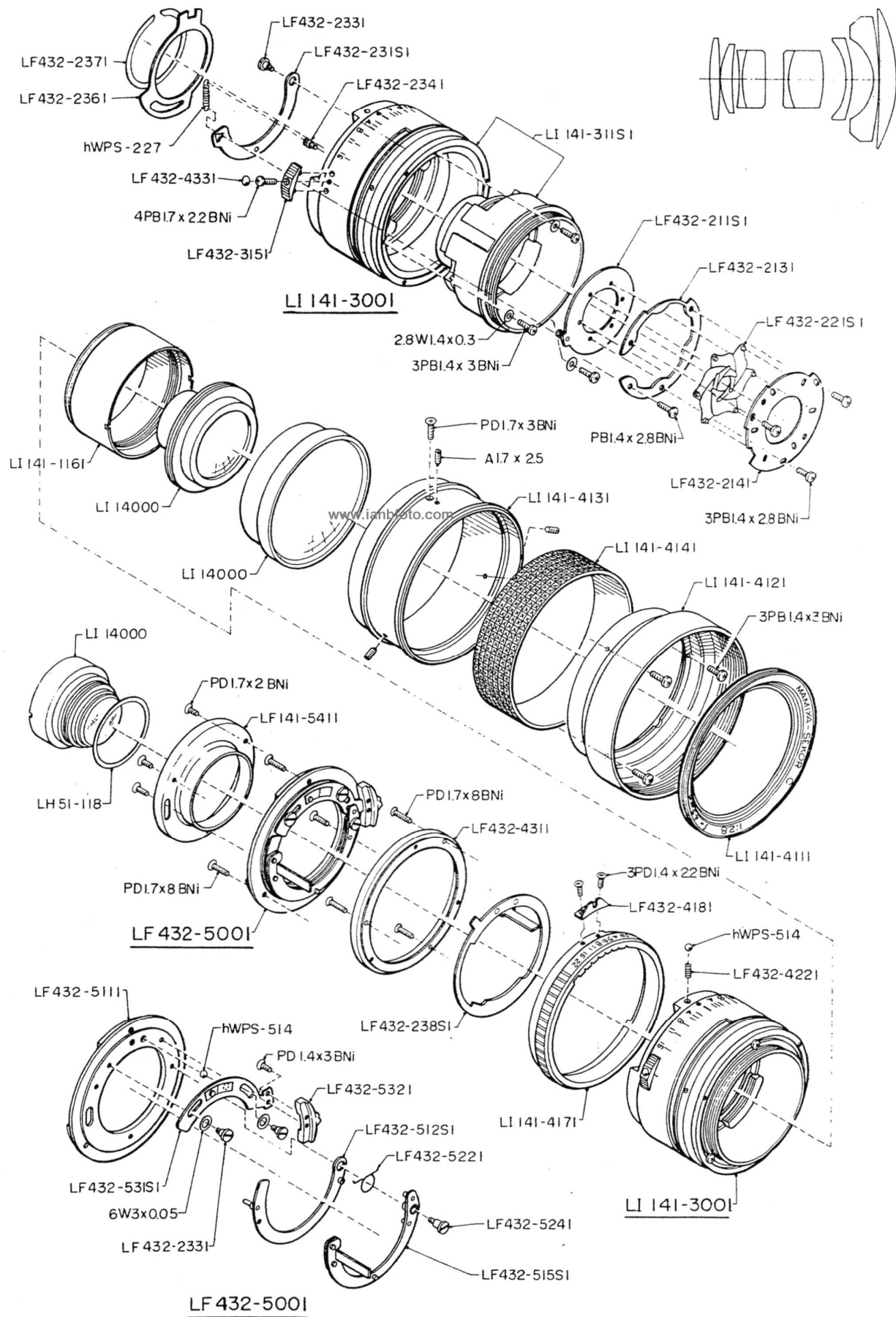

Mamiya
CAMERA CO., LTD.
TOKYO, JAPAN

EXPLODED VIEWS

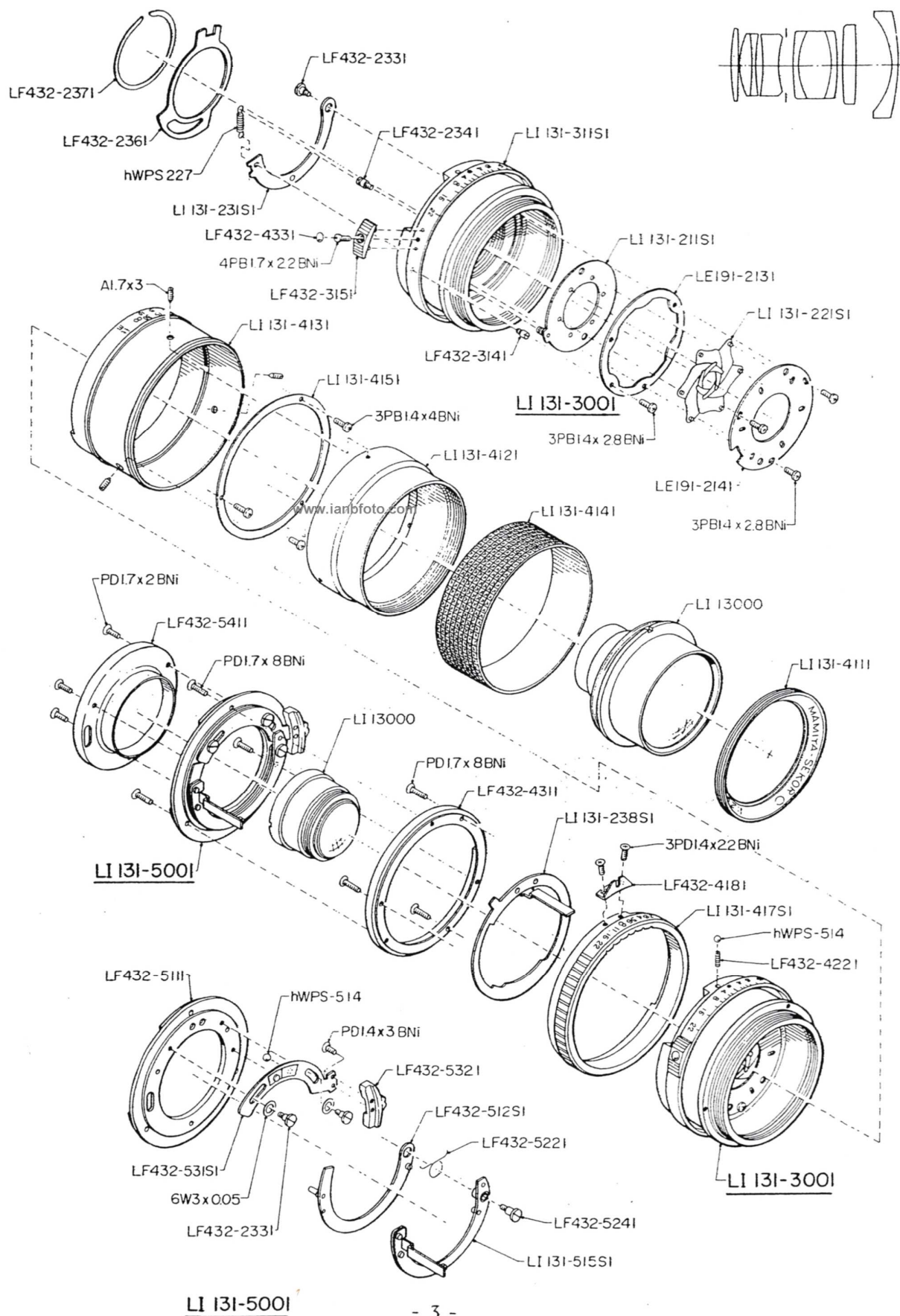
MAMIYA-SEKOR C 35mm F3.5 for M645(LI ISI)



MAMIYA-SEKOR C 45mm F2.8 for M645 (LI 141)

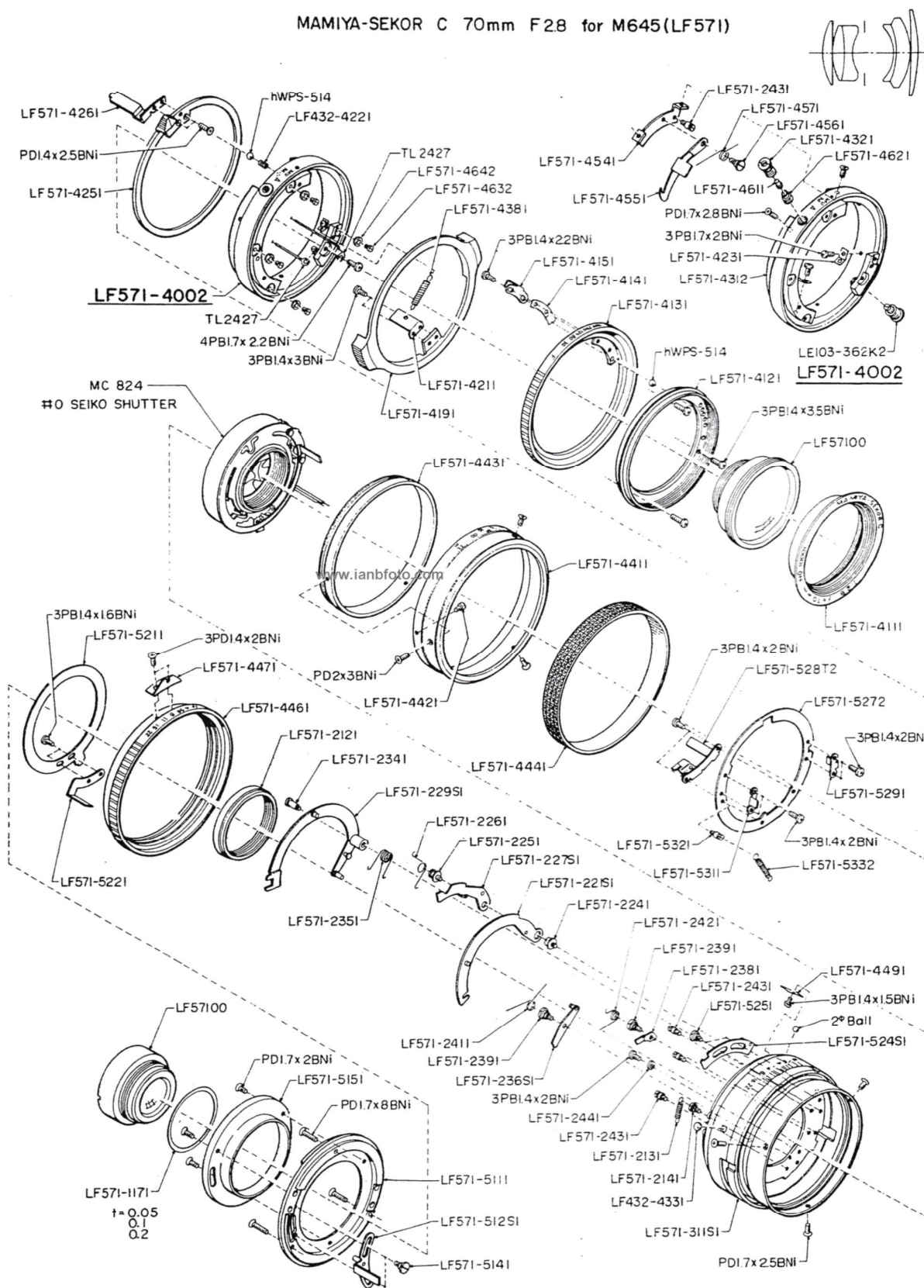


MAMIYA-SEKOR C 55mm F2.8 for M645(LI 131)

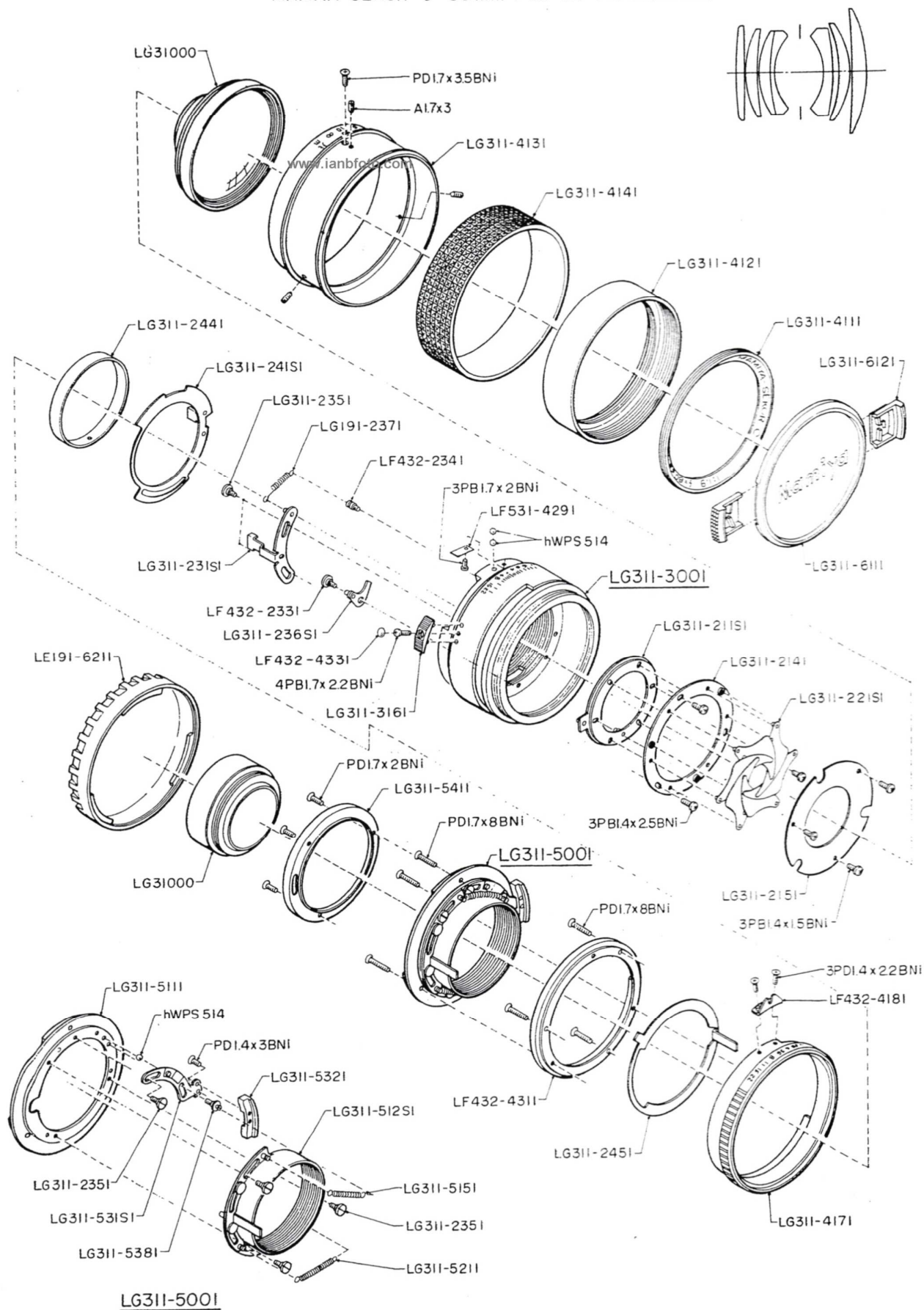


LI 131-500I

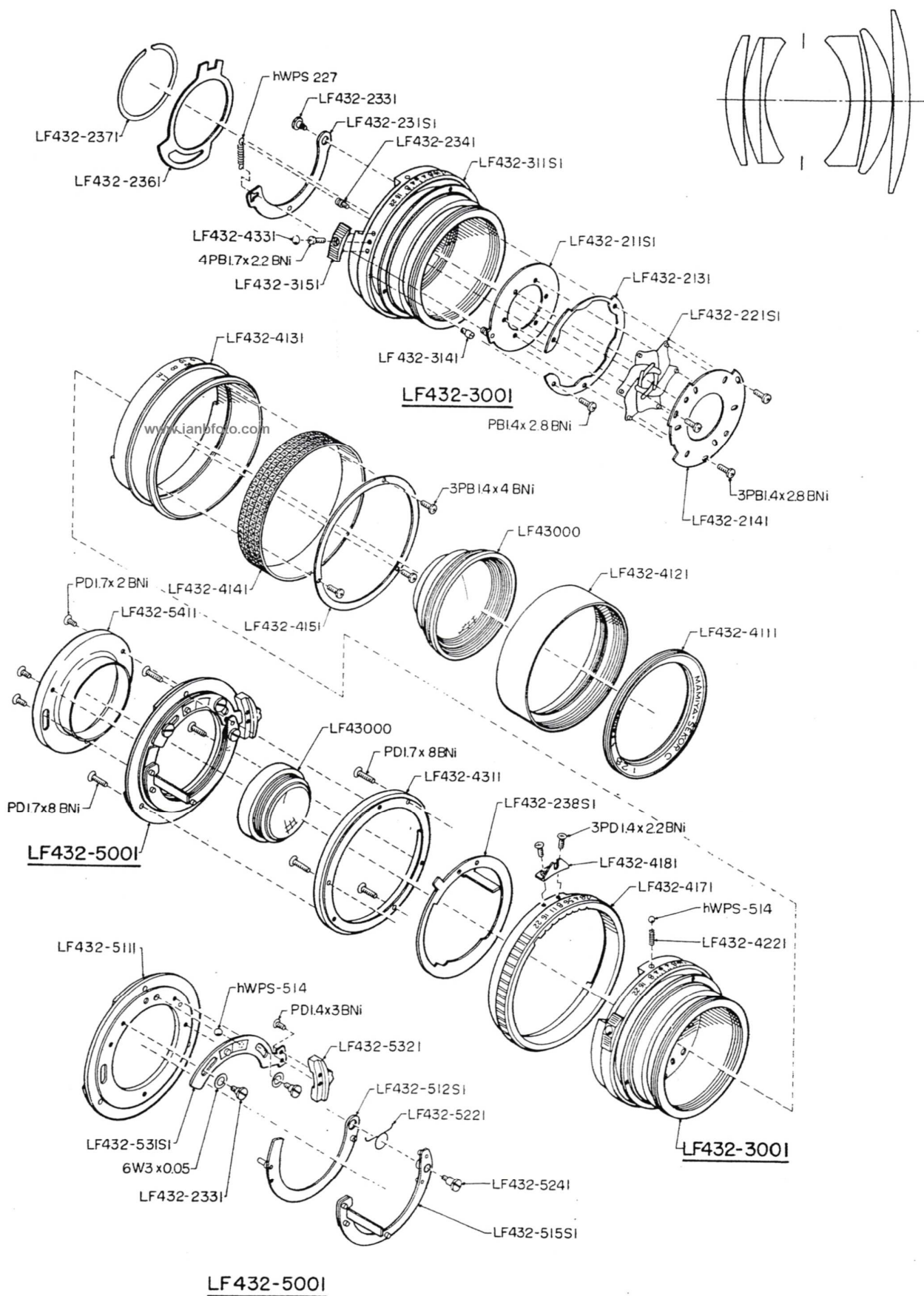
MAMIYA-SEKOR C 70mm F2.8 for M645(LF57I)



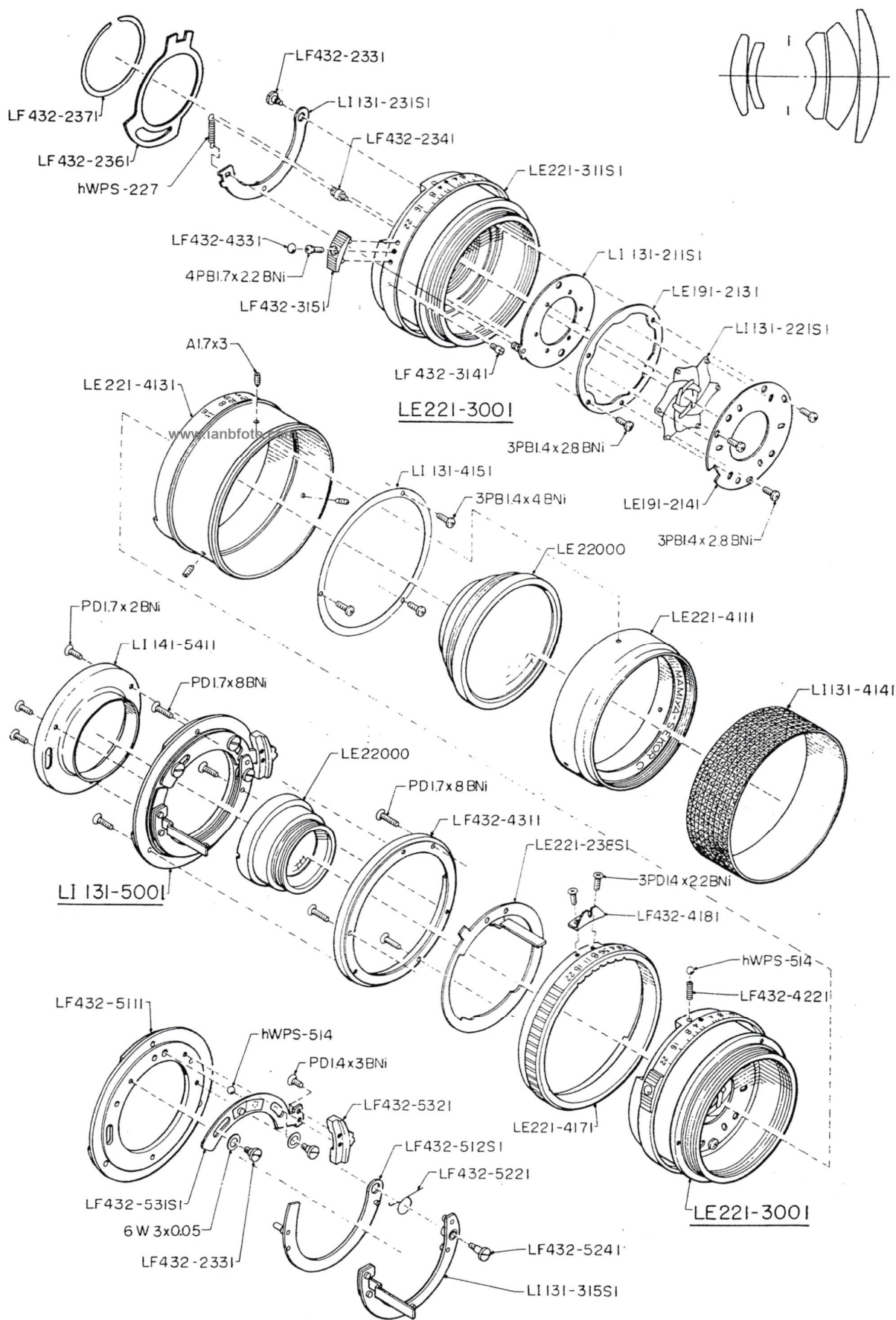
MAMIYA-SEKOR C 80mm F1.9 for M645(LG311)



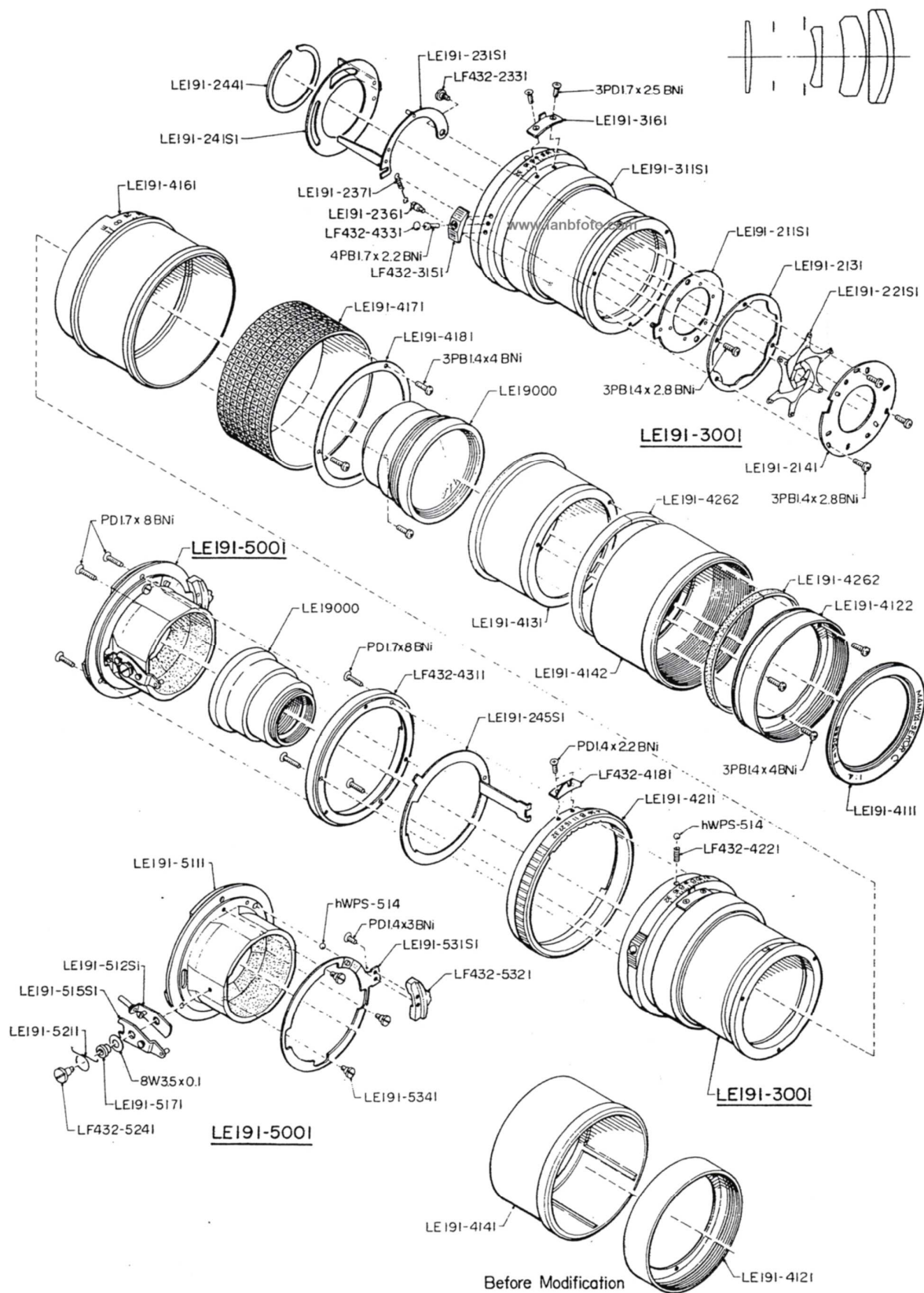
MAMIYA-SEKOR C 80mm F2.8 for M645(LF432)

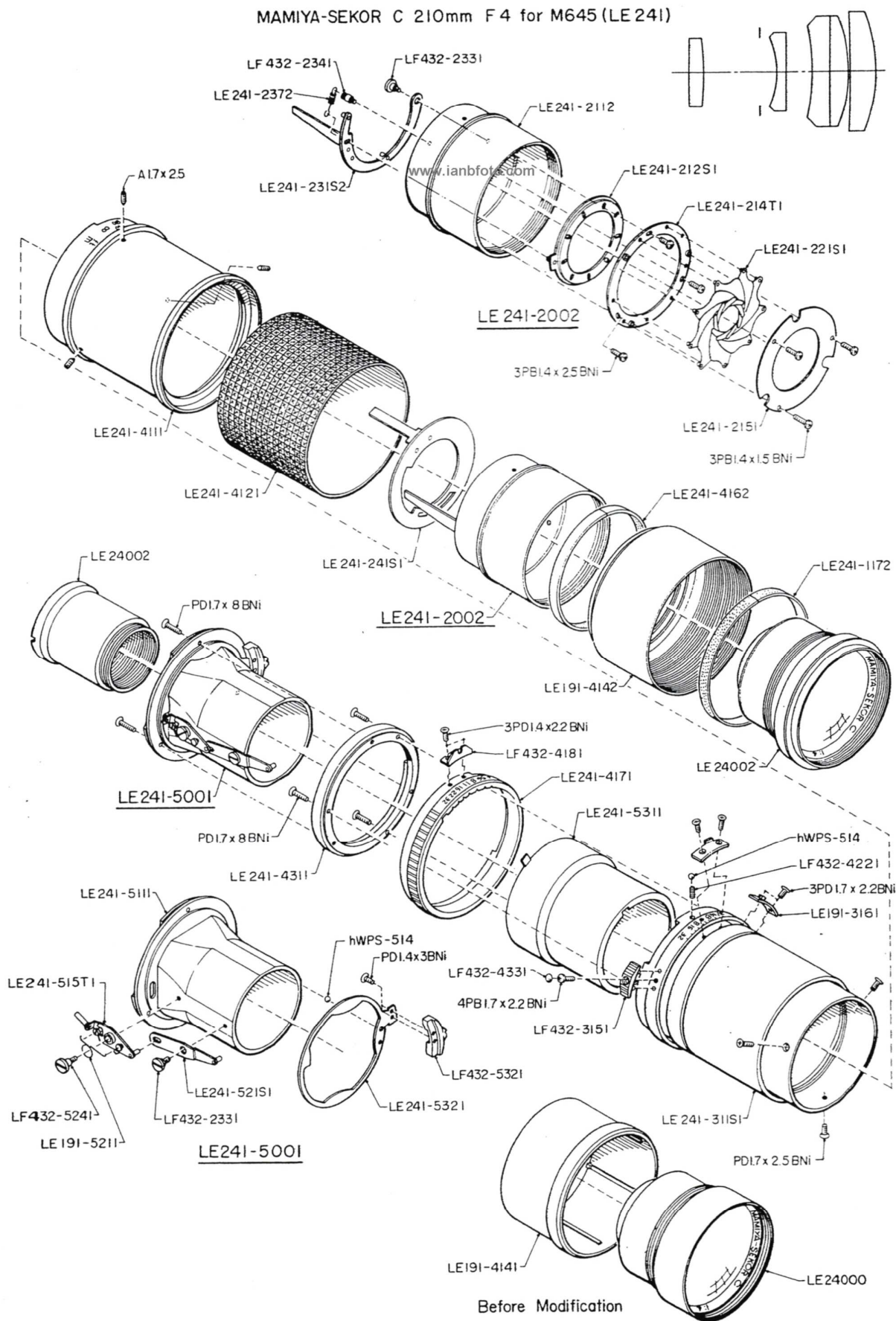


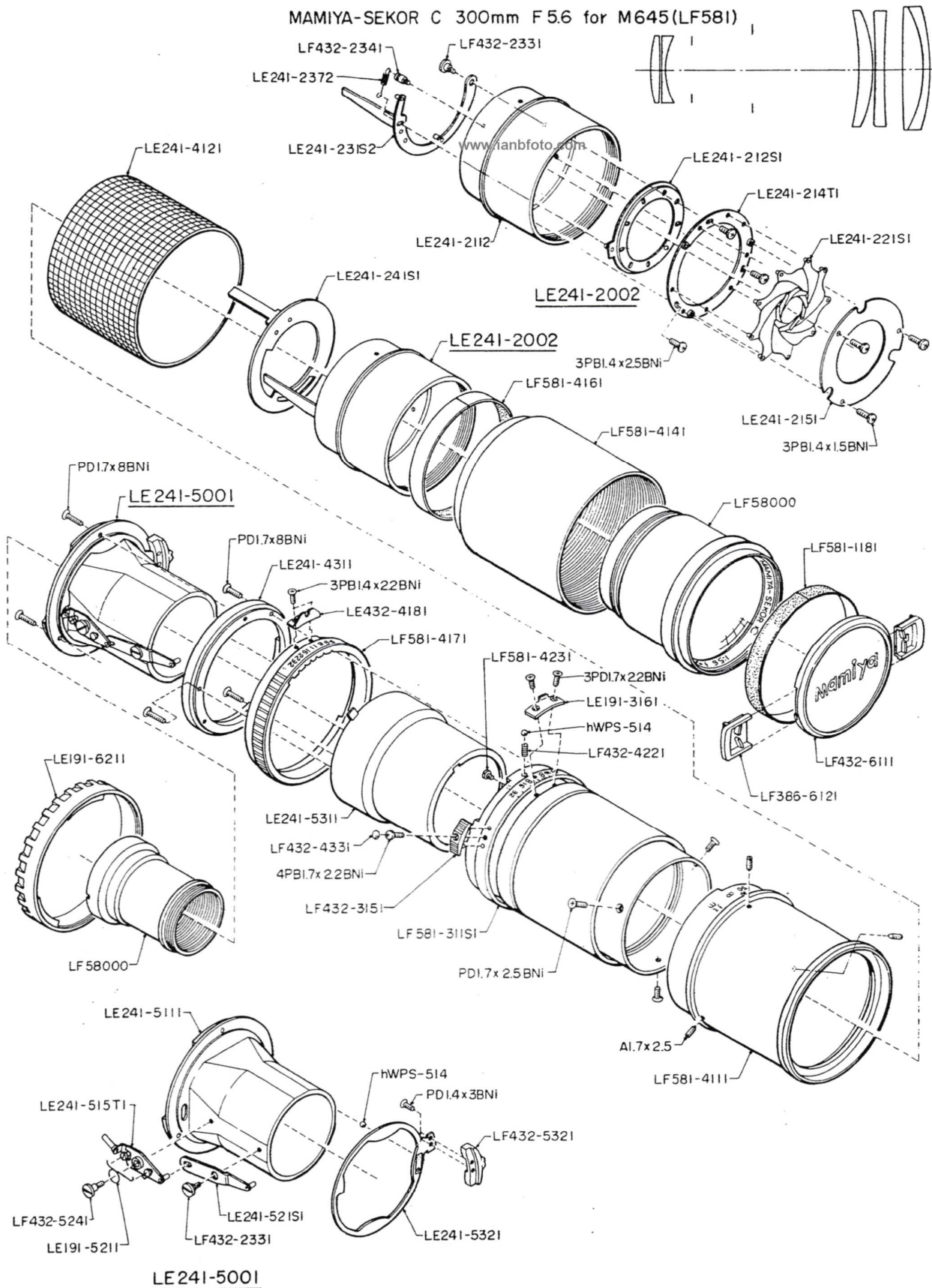
MAMIYA-SEKOR C 110mm F2.8 for M645 (LE221)

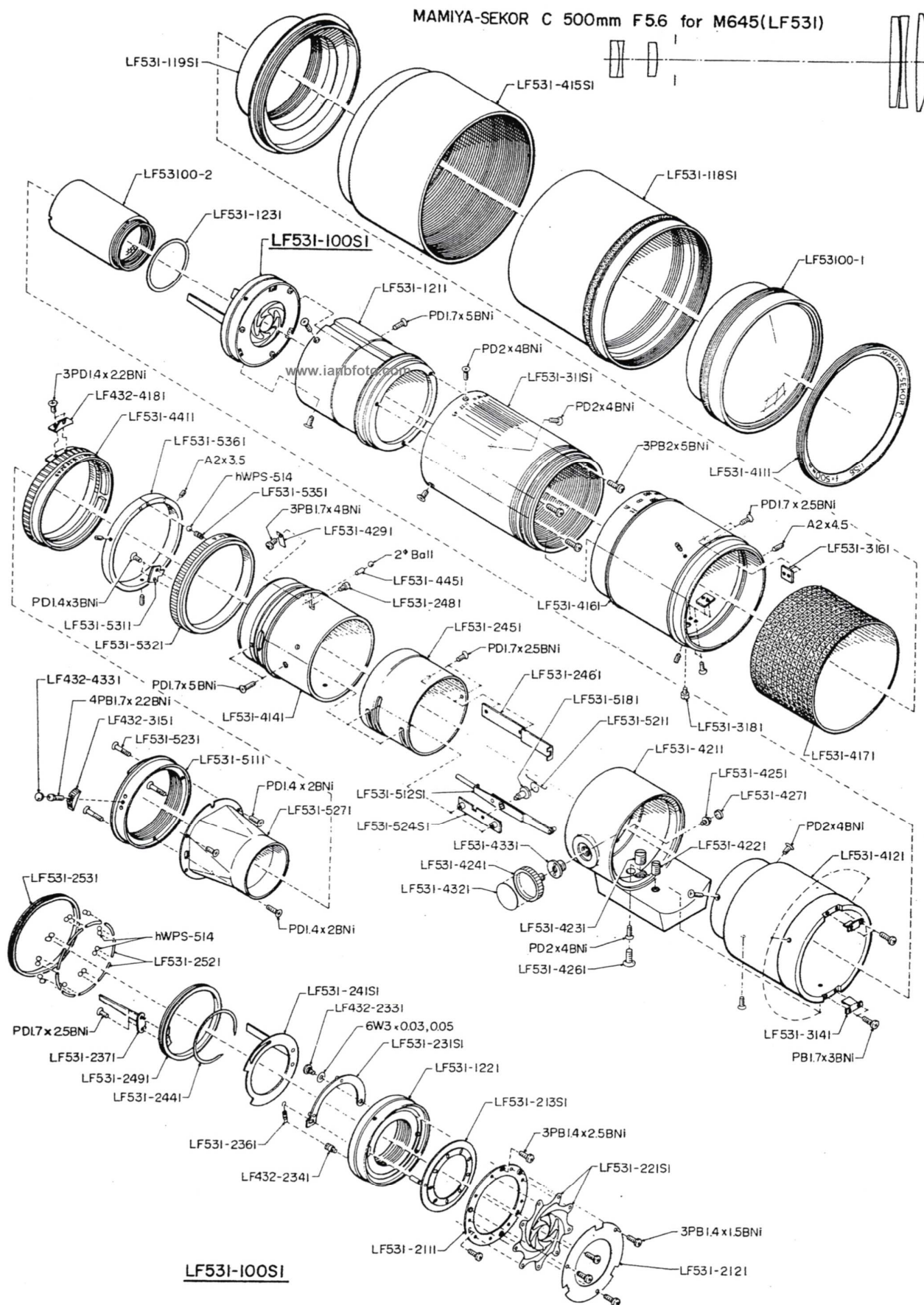


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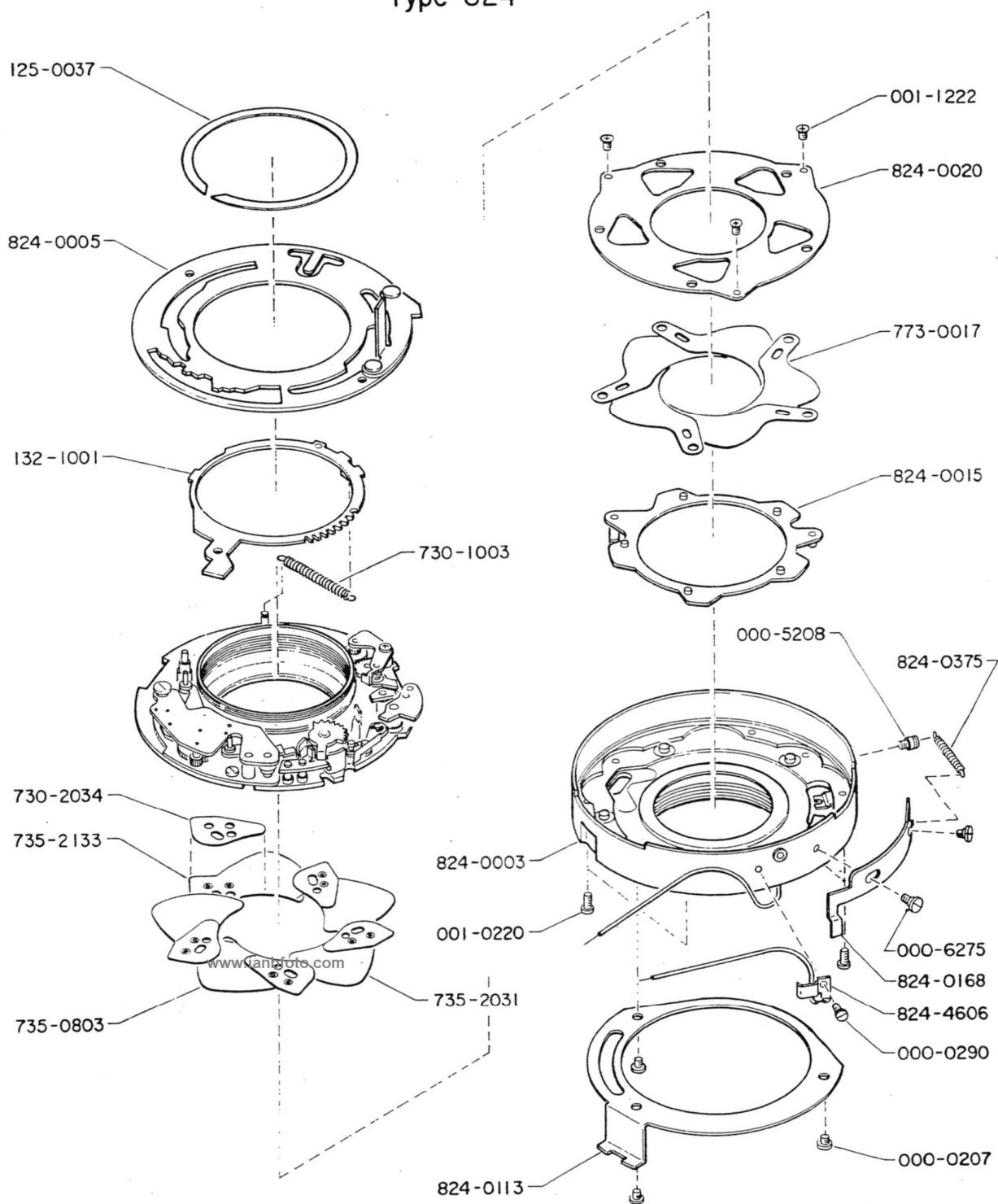


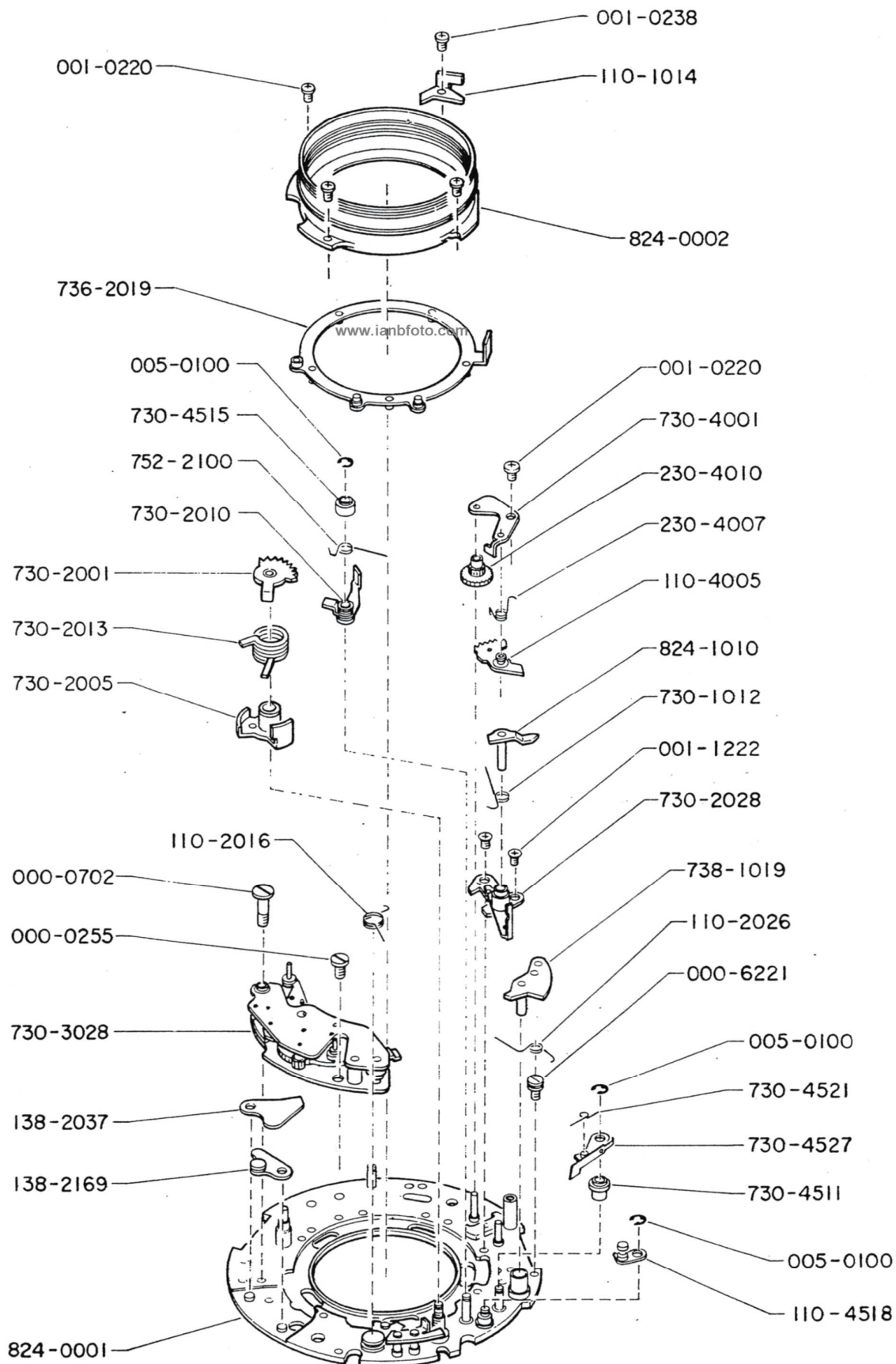






#0 SEIKO SHUTTER Type 824





PARTS LIST

PARTS LIST

METHOD OF REQUESTING SPARE PARTS FOR REPAIR USE

When ordering spare parts for repair purposes, mark the request in the following manner after referring to our parts list.

Spare parts are divided as follows:

Not considered usable for repairing.....x

Can be supplied.....o

MAMIYA-SEKOR C 35mm F3.5 LENS(LI 151) for M645
www.ianbfoto.com

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LI 15000	Lens assembly	1	1	o
LI 151-1151	Inner barrel	1	1	o
LI 151-1181	Washer	1	1	o
LI 151-212S1	Operating ring	1	1	o
LI 151-2141	Securing ring	1	1	o
LI 151-2151	Dividing device	1	1	o
LI 151-2171	Diaphragm base ring	1	1	o
LI 151-221S1	Diaphragm blade	6	1	o
LI 151-231S1	Control cam	1	1	o
LI 151-2361	Aperture control cam	1	1	o
LI 151-2371	Retainer	1	1	o
LI 151-3001	Helicoid	1	1	o
LI 151-311S1	Helicoid assembly	1	1	o
LI 151-4111	Name ring	1	1	o
LI 151-4121	Filter ring	1	1	o
LI 151-4131	Focusing ring	1	1	o
LI 151-4141	Rubber grip	1	1	o
LI 151-4171	Aperture ring	1	1	o
LI 151-5001	Mounting ring assembly	1	1	o
LI 151-515S1	Coupling lever	1	1	o
LI 151-5411	Mounting cover	1	1	o
LI 141-6111	Front lens cup	Accessory		
LE 121-4131	Button	2	1	o
LE 121-4141	Plate	2	1	o
LE 191-6211	Rear lens cap	Accessory		
LF 432-2331	Screw	3	1	o
LF 432-2341	Anchor	1	1	o
LI 151-238S1	Cam ring	1	1	o
LF 432-3151	Knob	1	1	o
LF 432-4331	Red dot	1	1	o
LF 432-4181	Meter coupler	1	1	o
LF 432-4221	Spring	1	1	o
LF 432-4311	Mount base ring	1	1	o
LF 432-5111	Mounting ring	1	1	o
LF 432-512S1	Operating lerer	1	1	o

Parts No.	Description www.ianbfoto.com	Pcs.	Ref. Page	Term of Sale
LF 432-5221	Spring	1	1	o
LF 432-5241	Shoulder screw	1	1	o
LF 432-531S1	Changing lever	1	1	o
LF 432-5321	AM lever	1	1	o
HWPS-227	Spring	1	1	o
HWPS-514	Steel ball	2	1	o
A1.7x2.5	Screw for LI151-4131	3	1	o
3PB1.4x3BNi	Screw for LI151-311S1	3	1	o
3PB1.4x3.5BNi	Screw for LI151-2151	3	1	o
4PB1.7x2.2BNi	Screw for LF432-3151	1	1	o
PD1.4x3BNi	Screw for LF432-531S1	2	1	o
PD1.7x2BNi	Screw for LI151-5411	3	1	o
PD1.7x3BNi	Screw for LI151-2171 & LI151-4131	4	1	o
PD1.7x8BNi	Screw for LI151-5001 & LF432-4311	6	1	o
3PD1.4x2.2BNi	Screw for LF432-4181	2	1	o
6W3x0.05	Washer	2	1	o
2.8W1.4x0.3	Washer	3	1	o

MAMIYA-SEKOR C 45mm F2.8 LENS(LI 141) for M645

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LI 14000	Lens assembly	1	2	o
LI 141-1161	Inner barrel	1	2	x
<u>LI 141-3001</u>	Helicoid diaphragm mech.assy.	1	2	o
-LI 141-311S1	Helicoid assy.	1	2	o
-LF 432-211S1	Operating ring	1	2	o
-LF 432-2131	Securing ring	1	2	o
-LF 432-2141	Dividing device	1	2	o
-LF 432-221S1	Diaphragm blade	6	2	o
-LF 432-231S1	Control cam	1	2	o
-LF 432-2331	Shoulder screw	1	2	o
-LF 432-2341	Anchor	1	2	o
-LF 432-2361	Aperture control cam	1	2	o
-LF 432-2371	Retainer	1	2	o
-LF 432-3151	Knob	1	2	o
-LF 432-4331	Red dot	1	2	o
-hwps-227	Spring	1	2	o
-PB1.4x2.8BNi	Screw for LF432-2131	1	2	o
-3PB1.4x2.8BNi	Screw for LF432-2131	3	2	o
-3PB1.4x3BNi	Screw for LI141-311S1	3	2	o
-4PB1.7x2.2BNi	Screw for LF432-3151	1	2	o
-2.8W1.4x0.3	Washer for 3PB1.4x3BNi	3	2	o
LI 141-4111	Name ring	1	2	o
LI 141-4121	Filter ring	1	2	o
LI 141-4131	Focusing ring	1	2	o
LI 141-4141	Rubber grip	1	2	o
LI 141-4171	Aperture ring	1	2	o
LF 141-5411	Mounting cover	1	2	o
LF 432-238S1	Cam ring	1	2	o
LF 432-4181	Meter coupler	1	2	o
LF 432-4221	Spring	1	2	o
LF 432-4311	Mount base ring	1	2	o
<u>LF 432-5001</u>	Mounting ring assy.	1	2	o
-LF 432-5111	Mounting ring	1	2	o
-LF 432-512S1	Operating lever	1	2	o
-LF 432-515S1	Coupling lever	1	2	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
-LF 432-5221	Spring	1	2	o
-LF 432-5241	Shoulder screw	1	2	o
-LF 432-531S1	Changing lever	1	2	o
-LF 432-5321	AM lever	1	2	o
-LF 432-2331	Shoulder screw	2	2	o
-hwps-514	Steel ball	1	2	o
-PD1.4x3BNi	Screw for LF432-5321	2	2	o
-6W3x0.05	Washer for LF432-2331	2	2	o
LH 51-118	Adjusting washer	1to2	2	o
hwps-514	Steel ball	1	2	o
A1.7x2.5	Screw for LI141-4131	3	2	o
PD1.7x8BNi	Screw for LF432-4311	3	2	o
3PB1.4x3BNi	Screw for LI141-4121	3	2	o
PD1.7x2BNi	Screw for LF141-5411	3	2	o
PD1.7x3BNi	Screw for LI141-4131	1	2	o
PD1.7x8BNi	Screw for LF432-5001	3	2	o
3PD1.4x2.2BNi	Screw for LF432-4181	2	2	o

MAMIYA-SEKOR C 55mm F2.8 LENS(LI 131) for M645

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LI 13000	Lens assembly	1	3	o
<u>LI 131-3001</u>	Helicoid diaphragm mech.assy.	1	3	o
- LI 131-211S1	Operating ring	1	3	o
- LI 131-221S1	Diaphragm blade	6	3	o
- LI 131-231S1	Control cam	1	3	o
- LI 131-311S1	Helicoid assy.	1	3	o
- LE 191-2131	Securing ring	1	3	o
- LE 191-2141	Dividing device	1	3	o
- LF 432-2331	Shoulder screw	1	3	o
- LF 432-2341	Anchor	1	3	o
- LF 432-2361	Aperture control cam	1	3	o
- LF 432-2371	Retainer	1	3	o
- LF 432-3141	Stopper	1	3	o
- LF 432-3151	Knob	1	3	o
- LF 432-4331	Red dot	1	3	o
- hwps-227	Spring	1	3	o
- 3PB1.4x2.8BNi	Screw for LE191-2141	3	3	o
- 3PB1.4x2.8BNi	Screw for LE191-2131	1	3	o
- 4PB1.7x2.2BNi	Screw for LF432-3151	1	3	o
LI 131-238S1	Cam ring	1	3	o
LI 131-4111	Name ring	1	3	o
LI 131-4121	Filter ring	1	3	o
LI 131-4131	Focusing ring	1	3	o
LI 131-4141	Rubber grip	1	3	o
LI 131-4151	Retaining ring	1	3	o
LI 131-417S1	Aperture ring	1	3	o
<u>LI 131-5001</u>	Mounting ring assy.	1	3	o
- LF 432-5111	Mounting ring	1	3	o
- LI 131-515S1	Coupling lever	1	3	o
- LF 432-2331	Shoulder screw	1	2	o
- LF 432-512S1	Operating lever	1	3	o
- LF 432-5221	Spring	1	3	o
- LF 432-5241	Shoulder screw	1	3	o
- LF 432-531S1	Changing lever	1	3	o
- LF 432-5321	AM lever	1	3	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
hwps-514	Steel ball	1	3	o
6W 3x0.05	Washer for LF432-2331	2	3	o
PD1.4x3BNi	Screw for LF432-5321	2	3	o
LF 432-4181	Meter coupler	1	3	o
LF 432-4221	Spring	1	3	o
LF 432-4311	Mount base ring	1	3	o
LF 432-5411	Mounting cover	1	3	o
hwps-514	Steel ball	1	3	o
A1.7x3	Screw for LI131-4131	3	3	o
3PB1.4x4BNi	Screw for LI131-4151	3	3	o
PD1.7x2BNi	Screw for LF432-5411	3	3	o
PD1.7x8BNi	Screw for LF432-4311	3	3	o
PD1.7x8BNi	Screw for LI131-5001	3	3	o
3PD1.4x2.2BNi	Screw for LF432-4181	2	3	o

MAMIYA-SEKOR C 70mm F2.8 LENS (LF 571) for M645

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 57100	70mm F2.8 lens assembly	1	4	o
LF 571-1171	Adjusting washer t=0.05, 0.1,0.2	3	4	o
MC824	Shutter assembly,#0 SEIKO	1	4	o
LF 571-2121	Fixing ring	1	4	o
LF 571-2131	Spring	1	4	o
LF 571-2141	Anchor	1	4	o
LF 571-221S1	Aperture control lever(No.1)	1	4	o
LF 571-2241	Shoulder screw	1	4	o
LF 571-2251	Screw	1	4	o
LF 571-2261	Spring	1	4	o
LF 571-227S1	Aperture control lever(No.2)	1	4	o
LF 571-229S1	Aperture control lever(No.3)	1	4	o
LF 571-2341	Screw	1	4	o
LF 571-2351	Spring	1	4	o
LF 571-236S1	Hook (No.1)	1	4	o
LF 571-2381	Hook (No.2)	1	4	o
LF 571-2391	Screw	2	4	o
LF 571-2411	Spring	1	4	o
LF 571-2421	Spring	1	4	o
LF 571-2431	Screw	4	4	o
LF 571-2441	Stopper	1	4	o
LF 571-311S1	Helicoid assembly	1	4	o
LF 571-4002	A-M ring assembly	1	4	o
LF 571-4111	Name ring	1	4	o
LF 571-4121	Filter ring	1	4	o
LF 571-4131	Shutter speed dial	1	4	o
LF 571-4141	Click plate	1	4	o
LF 571-4151	Link lever	1	4	o
LF 571-4191	Cocking ring	1	4	o
LF 571-4211	Cocking lever	1	4	o
LF 571-4231	Retaining plate	2	4	o
LF 571-4251	A-M ring	1	4	o
LF 571-4261	A-M lever	1	4	o
LF 571-4321	Barrel	1	4	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 571-4321	Screw	1	4	o
LF 571-4381	Spring	1	4	o
LF 571-4411	Focusing ring	1	4	o
LF 571-4421	Stopper	1	4	o
LF 571-4431	Retaining ring	1	4	o
LF 571-4441	Rubber grip	1	4	o
LF 571-4461	Aperture ring	1	4	o
LF 571-4471	Meter coupler	1	4	o
LF 571-4491	Click plate	1	4	o
LF 571-4541	Hook base	1	4	o
LF 571-4551	Hook	1	4	o
LF 571-4561	Screw	1	4	o
LF 571-4571	Spring	1	4	o
LF 571-4611	Pin	1	4	o
LF 571-4621	Screw	1	4	o
LF 571-4632	Screw	4	4	o
LF 571-4642	Hub	4	4	o
LF 571-5111	Mounting ring	1	4	o
LF 571-512S1	Operting lever	1	4	o
LF 571-5141	Screw	2	4	o
LF 571-5151	Mounting cover	1	4	o
LF 571-5211	Control cam	1	4	o
LF 571-5221	Arm	1	4	o
LF 571-524S1	Release plate	1	4	o
LF 571-5241	Release plate	1	-	x
LF 571-5261	Pin	1	-	x
LF 571-5251	Screw	2	4	o
LF 571-5271	Release ring	1	4	o
LF 571-528T1	Arm	1	4	o
LF 571-5281	Arm	1	-	x
LF 571-5371	PF lever	1	-	x
LF 571-5381	Rivet	2	-	x
LF 571-5291	Arm	1	4	o
LF 571-5311	Arm	1	4	o
LF 571-5321	Shoulder screw	1	4	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 571-5332	Spring	1	4	o
LF 103-362K2	Terminal base	1	4	o
LF 432-4221	Spring	1	4	o
LF 432-4331	Red dot	1	4	o
TL 2427	Lug	2	4	o
3PB1.4x1.5BNi	Screw for LF571-4491	1	4	o
3PB1.4x2BNi	Screw	8	4	o
3PB1.4x2.2BNi	Screw for LF571-4151	2	4	o
3PB1.4x3BNi	Screw for LF571-4211	2	4	o
3PB1.4x3.5BNi	Screw for LF571-4121	3	4	o
3PB1.4x1.6BNi	Screw for LF571-5221	2	4	o
3PB1.7x2BNi	Screw for LF571-4231	1	4	o
4PB1.7x2.2BNi	Screw for TL-2427	1	4	o
PD1.4x2.5BNi	Screw for LF571-4251	2	4	o
PD1.7x2BNi	Screw for LF571-5151	3	4	o
PD1.7x2.5BNi	Screw for LF571-311S1	3	4	o
PD1.7x2.8BNi	Screw for LF571-4312	2	4	o
PD1.7x8BNi	Screw for LF571-5111	3	4	o
PD2x3BNi	Screw for LF571-4411	3	4	o
3PD1.4x2BNi	Screw for LF571-4471	2	4	o
HWPS-514	Steel ball	2	4	o
2φBall	Steel ball	1	4	o

MAMIYA-SEKOR C 80mm F1.9 Lens (LG 311) for M645

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LG 31000	Lens assembly	1	5	o
LG 311-3001	Helicoid assy.	1	5	o
LG 311-211S1	Operating ring	1	5	o
LG 311-2141	Securing ring	1	5	o
LG 311-2151	Dividing device	1	5	o
LG 311-221S1	Diaphragm blade	6	5	o
LG 311-231S1	Control cam	12	5	o
LG 311-2351	Shoulder screw	6	5	o
LG 311-236S1	Aperture control cam	1	5	o
LG 311-241S1	Aperture control cam	1	5	o
LG 311-2441	Retaining ring	1	5	o
LG 311-2451	Cam ring	1	5	o
LG 311-3161	Knob	1	5	o
LG 311-4111	Name ring	1	5	o
LG 311-4121	Filter ring	1	5	o
LG 311-4131	Focusing ring	1	5	o
LG 311-4141	Rubber grip	1	5	o
LG 311-4171	Aperture ring	1	5	o
LG 311-5001	Mounting ring assembly	1	5	o
LG 311-5111	Mounting ring	1	5	o
LG 311-512S1	Operating lever	1	5	o
LG 311-5151	Spring	1	5	o
LG 311-5211	Spring	1	5	o
LG 311-531S1	Changing lever	1	5	o
LG 311-5321	AM Lever	1	5	o
LG 311-5381	Shaft	1	5	o
LG 311-5411	Mounting cover	1	5	o
LG 311-6111	Lens cap	Accessory		
LG 311-6121	Button	2	5	o
LE 191-6211	Rear lens cap	Accessory		
LF 432-2331	Shoulder screw for LG311-236S1	1	5	o
LF 432-2341	Anchor	1	5	o
LF 432-4181	Meter coupler	1	5	o
LF 531-4291	Spring	1	5	o
LF 432-4311	Mount base ring	1	5	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 432-4331	Red dot	1	5	o
LG 191-2371	Spring	1	5	o
HWPS-514	Steel ball	3	5	o
A1.7x3	Screw for LG311-4131	1	5	o
3PB1.4x1.5BNi	Screw for LG311-2151	3	5	o
3PB1.4x2.5BNi	Screw for LG311-2141	3	5	o
3PB1.7x2BNi	Screw for LG531-4291	1	5	o
4PB1.7x2.2BNi	Screw for LG311-3161	1	5	o
PD1.4x3BNi	Screw for LG311-5321	2	5	o
PD1.7x2BNi	Screw for LG311-5411	3	5	o
PD1.7x3.5BNi	Screw for LG311-4131	1	5	o
PD1.7x8BNi	Screw for LF432-4311	3	5	o
PD1.7x8BNi	Screw for LG311-5001	3	5	o
3PD1.4x2.2BNi	Screw for LF432-4181	2	5	o

MAMIYA-SEKOR C 80mm F2.8 LENS(LF 432) for M645

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 43000	Lens assembly	1	6	o
LF 432-238S1	Cam ring	1	6	o
<u>LF 432-3001</u>	Helicoid diaphragm mech.assy.	1	6	o
- LF 432-211S1	Operating ring	1	6	o
- LF 432-2131	Securing ring	1	6	o
- LF 432-2141	Dividing device	1	6	o
- LF 432-221S1	Diaphragm blade	6	6	o
- LF 432-231S1	Control cam	1	6	o
- LF 432-2331	Shoulder screw	1	6	o
- LF 432-2341	Anchor	1	6	o
- LF 432-2361	Aperture control cam	1	6	o
- LF 432-2371	Retainer	1	6	o
- LF 432-311S1	Helicoid assy.	1	6	o
- LF 432-3141	Stopper	1	6	o
- LF 432-3151	Knob	1	6	o
- LF 432-4331	Red dot	1	6	o
- hwps-227	Spring	1	6	o
- PB1.4x2.8BNi	Screw for LF432-2131	1	6	o
- 3PB1.4x2.8BNi	Screw for LF432-2141	3	6	o
- 4PB1.7x2.2BNi	Screw for LF432-3151	1	6	o
LF 432-4111	Name ring	1	6	o
LF 432-4121	Filter ring	1	6	o
LF 432-4131	Focusing ring	1	6	o
LF 432-4141	Rubber grip	1	6	o
LF 432-4151	Retaining ring	1	6	o
LF 432-4171	Aperture ring	1	6	o
LF 432-4181	Meter coupler	1	6	o
LF 432-4221	Spring	1	6	o
LF 432-4311	Mount base ring	1	6	o
<u>LF 432-5001</u>	Mounting ring assy.	1	6	o
- LF 432-2331	Shoulder screw	2	6	o
- LF 432-5111	Mounting ring	1	6	o
- LF 432-512S1	Operating lever	1	6	o
- LF 432-515S1	Coupling lever	1	6	o
- LF 432-5221	Spring	1	6	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 432-5241	Shoulder screw	1	6	o
LF 432-531S1	Changing lever	1	6	o
LF 432-5321	AM lever	1	6	o
hwps-514	Steel ball	1	6	o
6W3x0.05	Washer for LF432-2331	2	6	o
PD1.4x3BNi	Screw for LF432-5321	2	6	o
LF 432-5411	Mounting cover	1	6	o
hwps-514	Steel ball	1	6	o
3PB1.4x4BNi	Screw for LF432-4151	3	6	o
PD1.7x2BNi	Screw for LF432-5411	3	6	o
PD1.7x8BNi	Screw for LF432-5001	3	6	o
PD1.7x8BNi	Screw for LF432-4311	3	6	o
3PD1.4x2.2BNi	Screw for LF432-4181	2	6	o

MAMIYA-SEKOR C 110mm F2.8 LENS(LE 221) for M645
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Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LE 22000	Lens assembly	1	7	o
LF 221-238S1	Cam ring	1	7	o
<u>LE 221-3001</u>	Helicoid diaphragm mech.			
	assembly	1	7	o
- LE 191-2131	Securing ring	1	7	o
- LE 191-2141	Dividing device	1	7	o
- LE 221-311S1	Helicoid assy.	1	7	o
- LF 432-2331	Shoulder screw	1	7	o
- LF 432-2341	Anchor	1	7	o
- LF 432-2361	Aperture control cam	1	7	o
- LF 432-2371	Retainer	1	7	o
- LF 432-3141	Stopper	1	7	o
- LF 432-3151	Knob	1	7	o
- LF 432-4331	Red dot	1	7	o
- LI 131-211S1	Operating ring	1	7	o
- LI 131-221S1	Diaphragm blade	6	7	o
- LI 131-231S1	Control cam	1	7	o
- hwps-227	Spring	1	7	o
- 3PB1.4x2.8BNi	Screw for LE191-2141	3	7	o
- 3PB1.4x2.8BNi	Screw for LE191-2131	1	7	o
- 4PB1.7x2.2BNi	Screw for LF432-3151	1	7	o
LE 221-4111	Filter ring	1	7	o
LE 221-4131	Focusing ring	1	7	o
LE 221-4171	Aperture ring	1	7	o
LF 432-4181	Meter coupler	1	7	o
LF 432-4221	Spring	1	7	o
LF 432-4311	Mount base ring	1	7	o
LI 131-4141	Rubber grip	1	7	o
LI 131-4151	Retaining ring	1	7	o
<u>LI 131-5001</u>	Mounting ring assy.	1	7	o
- LF 432-5111	Mounting ring	1	7	o
- LF 432-512S1	Operating ring	1	7	o
- LF 432-5221	Spring	1	7	o
- LF 432-5241	Shoulder screw	1	7	o
- LF 432-531S1	Changing lever	1	7	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 432-5321	AM lever	1	7	o
LF 432-2331	Shoulder screw	2	7	o
LI 131-515S1	Coupling lever	1	7	o
hwps-514	Steel ball	1	7	o
6W3x0.05	Washer	2	7	o
PD1.4x3BNi	Screw for LF432-5321	2	7	o
LI 141-5411	Mounting cover	1	7	o
hwps-514	Steel ball	1	7	o
A1.7x3	Screw for LE221-4131	3	7	o
3PB1.4x4BNi	Screw for LI131-4151	3	7	o
PD1.7x2BNi	Screw for LI141-5411	3	7	o
PD1.7x8BNi	Screw for LI131-5001	3	7	o
PD1.7x8BNi	Screw for LF432-4311	3	7	o
3PD1.4x2.2BNi	Screw for LF432-4181	2	7	o

MAMIYA-SEKOR C 150mm F4 LENS(LE 191) for M645

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LE 19000	Lens assembly	1	8	o
LE 191-245S1	Cam ring	1	8	o
LE 191-3001	Helicoid diaphragm mech.assy.	1	8	o
- LE 191-211S1	Operating ring	1	8	o
- LE 191-2131	Securing ring	1	8	o
- LE 191-2141	Dividing device	1	8	o
- LE 191-221S1	Diaphragm blade	6	8	o
- LE 191-231S1	Control cam	1	8	o
- LE 191-2361	Anchor	1	8	o
- LE 191-2371	Spring	1	8	o
- LE 191-241S1	Aperture control cam	1	8	o
- LE 191-2441	Retainer	1	8	o
- LE 191-311S1	Helicoid assy.	1	8	o
- LE 191-3161	Stopper	1	8	o
- LF 432-2331	Shoulder screw	1	8	o
- LF 432-3151	Knob	1	8	o
- LF 432-4331	Red dot	1	8	o
- 3PB1.4x2.8BNi	Screw for LE191-2131	1	8	o
- 3PB1.4x2.8BNi	Screw for LE191-2141	3	8	o
- 4PB1.7x2.2BNi	Screw for LF432-3151	1	8	o
- 3PD1.7x2.5BNi	Screw for LE191-3161	2	8	o
LE 191-4111	Name ring	1	8	o
LE 191-4121	Filter ring	1	8	o
LE 191-4122	Filter ring	1	8	o
LE 191-4131	Cover ring	1	8	o
LE 191-4141	Hood ring	1	8	o
LE 191-4142	Hood ring	1	8	o
LE 191-4161	Focusing ring	1	8	o
LE 191-4171	Rubber grip	1	8	o
LE 191-4181	Retaining ring	1	8	o
LE 191-4211	Aperture ring	1	8	o
LE 191-4262	Velveteen	2	8	o
LE 191-5001	Mounting ring assy.	1	8	o
- LE 191-5111	Mounting ring	1	8	o
- LE 191-512S1	Operating lever	1	8	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LE 191-515S1	Coupling lever	1	8	o
LE 191-5171	Hub	1	8	o
LE 191-5211	Spring	1	8	o
LE 191-531S1	Changing ring	1	8	o
LE 191-5341	Shoulder screw	3	8	o
LF 432-5241	Shoulder screw	1	8	o
LF 432-5321	AM lever	1	8	o
hwps-514	Steel ball	1	8	o
PD1.4x3BNi	Screw for LE191-531S1	2	8	o
8W3.5x0.1	Washer	1	8	o
LF 432-4181	Meter coupler	1	8	o
LF 432-4221	Spring	1	8	o
LF 432-4311	Mount base ring	1	8	o
hwps-514	Steel ball	1	8	o
3PB1.4x4BNi	Screw for LE191-4122	3	8	o
3PB1.4x4BNi	Screw for LE191-4181	3	8	o
PD1.4x2.2BNi	Screw for LF432-4181	2	8	o
PD1.7x8BNi	Screw for LF432-4311	3	8	o
PD1.7x8BNi	Screw for LE191-5001	3	8	o

MAMIYA-SEKOR C 210mm F4 LENS(LE 241) for M645
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Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LE 24000	Lens assembly	1	9	o
LE 24002	Lens assembly	1	9	o
LE 241-1172	Velveteen	1	9	o
<u>LE 241-2002</u>	Diaphragm barrel assy.	1	9	o
- LE 241-2112	Diaphragm barrel	1	9	o
- LE 241-212S1	Operating ring	1	9	o
- LE 241-214T1	Securing ring	1	9	o
- LE 241-2151	Dividing device	1	9	o
- LE 241-221S1	Diaphragm blade	9	9	o
- LE 241-231S2	Control cam	1	9	o
- LE 241-2372	Spring	1	9	o
- LF 432-2331	Shoulder screw	1	9	o
- LF 432-2341	Anchor	1	9	o
- 3PB1.4x1.5BNi	Screw for LE241-2151	3	9	o
- 3PB1.4x2.5BNi	Screw for LE241-214T1	3	9	o
LE 241-241S1	Cam ring	1	9	o
LE 241-311S1	Helicoid assy.	1	9	o
LE 241-4162	Velveteen	1	9	o
LE 241-4111	Focusing ring	1	9	o
LE 241-4121	Rubber grip	1	9	o
LE 241-4171	Aperture ring	1	9	o
LE 241-4311	Mount base ring	1	9	o
<u>LE 241-5001</u>	Mounting ring assy.	1	9	o
- LE 241-5111	Mounting ring	1	9	o
- LE 241-515T1	Operating lever	1	9	o
- LE 241-521S1	Coupling lever	1	9	o
- LE 241-5321	Changing ring	1	9	o
- LE 191-5211	Spring	1	9	o
- LF 432-2331	Shoulder screw	1	9	o
- LF 432-5241	Shoulder screw	1	9	o
- LF 432-5321	AM lever	1	9	o
- hwps-514	Steel ball	1	9	o
- PD1.4x3BNi	Screw for LE241-5321	2	9	o
LE 241-5311	Aperture barrel	1	9	o
LE 191-3161	Stopper	2	9	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LE 191-4141	Hood ring	1	9	o
LE 191-4142	Hood ring	1	9	o
LE 432-4181	Meter coupler	1	9	o
LF 432-3151	Knob	1	9	o
LF 432-4221	Spring	1	9	o
LF 432-4331	Red dot	1	9	o
hwps-514	Steel ball	1	9	o
A1.7x2.5	Screw for LE241-4111	3	9	o
4PB1.7x2.2BNi	Screw for LF432-3151	1	9	o
PD1.7x2.5BNi	Screw for LE241-311S1	3	9	o
PD1.7x8BNi	Screw for LE241-4311	3	9	o
PD1.7x8BNi	Screw for LE241-5001	3	9	o
3PD1.4x2.2BNi	Screw for LF432-4181	2	9	o
3PD1.7x2.2BNi	Screw for LE191-3161	4	9	o

MAMIYA-SEKOR C 300mm F5.6 LENS (LF 581) for M645

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 58000	Lens assembly	1	10	o
LF 581-1181	Velveteen	1	10	o
LF 581-311S1	Helicoid assembly	1	10	o
LF 581-4111	Focusing ring	1	10	o
LF 581-4141	Hood	1	10	o
LF 581-4161	Velveteen	1	10	o
LF 581-4171	Aperture ring	1	10	o
LF 581-4231	Pin	1	10	o
LE 191-3161	Stopper	1	10	o
LE 191-5211	Spring	1	10	o
LE 191-6211	Rear lens cap	Accessory		
LE 241-2002	Diaphragm barrel assembly	1	10	o
LE 241-2112	Diaphragm barrel	1	10	o
LE 241-212S1	Operating ring	1	10	o
LE 241-214T1	Securing ring	1	10	o
LE 241-2151	Dividing device	1	10	o
LE 241-221S1	Diaphragm blade	9	10	o
LE 241-231S2	Control cam	1	10	o
LE 241-2372	Spring	1	10	o
LE 241-241S1	Cam ring	1	10	o
LE 241-4121	Rubber grip	1	10	o
LE 241-4311	Mount base ring	1	10	o
LE 241-5001	Mounting ring assembly	1	10	o
LE 241-5111	Mounting ring	1	10	o
LE 241-515T1	Operating lever	1	10	o
LE 241-521S1	Coupling lever	1	10	o
LE 241-5311	Aperture barrel	1	10	o
LE 241-5321	Changing ring	1	10	o
LE 432-2331	Shoulder screw	1	10	o
LF 432-2341	Anchor	1	10	o
LF 432-3151	Knob	1	10	o
LF 432-4181	Meter coupler	1	10	o
LF 432-4221	Spring	1	10	o
LF 432-4331	Red dot	1	10	o
LF 432-5241	Shoulder screw	1	10	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 432-5321	AM lever	1	10	o
LF 432-6111	Front lens cap		Accessory	
LF 386-6121	Button	2	10	o
HWPS-514	Steel ball	2	10	o
HWPS-514	Steel ball	1	10	o
A1.7x2.5	Screw for LE581-4111	3	10	o
3PB1.4x1.5BNi	Screw for LE241-2151	3	10	o
3PB1.4x2.2BNi	Screw for LE432-4181	2	10	o
3PB1.4x2.5BNi	Screw for LE241-214T1	3	10	o
4PB1.7x2.2BNi	Screw for LF432-3151	1	10	o
PD1.4x3BNi	Screw for LE241-5321	2	10	o
PD1.7x2.5BNi	Screw for LF581-311S	3	10	o
PD1.7x8BNi	Screw for LE241-5001	3	10	o
PD1.7x8BNi	Screw for LE241-4311	3	10	o
3PD1.7x2.2BNi	Screw for LE191-3161	2	10	o

MAMIYA-SEKOR C 500mm F5.6 LENS(LF 531)for M645

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 53100-1	Front lens assembly	1	11	o
LF 53100-2	Rear lens assembly	1	11	o
LF 531-100S1	Diaphragm barrel assembly	1	11	o
LF 531-118S1	Filter ring	1	11	o
LF 531-119S1	Mounting ring	1	11	o
LF 531-1211	Diaphragm barrel	1	11	o
LF 531-1221	Diaphragm barrel	1	11	o
LF 531-1231	Washer	1	11	o
LF 531-2111	Securing ring	1	11	o
LF 531-2121	Dividing device	1	11	o
LF 531-213S1	Operating ring	1	11	o
LF 531-221S1	Diaphragm blade	9	11	o
LF 531-231S1	Control cam	1	11	o
LF 531-2361	Spring	1	11	o
LF 531-2371	Arm	1	11	o
LF 531-241S1	Cam ring	1	11	o
LF 531-2441	Retainer	1	11	o
LF 531-2451	Cam ring	1	11	o
LF 531-2461	Connector	1	11	o
LF 531-2481	Screw	1	11	o
LF 531-2491	Ring	1	11	o
LF 531-2521	Retainer	9	11	o
LF 531-2531	Retaining ring	1	11	o
LF 531-311S1	Helicoid assembly	1	11	o
LF 531-3141	Key	2	11	o
LF 531-3161	Stopper	2	11	o
LF 531-3181	Screw	1	11	o
LF 531-4111	Name ring	1	11	o
LF 531-4121	Barrel,outer	1	11	o
LF 531-4141	Barrel,outer	1	11	o
LF 531-415S1	Hood	1	11	o
LF 531-4161	Focusing ring	1	11	o
LF 531-4171	Rubber grip	1	11	o
LF 531-4211	Tripod ring	1	11	o
LF 531-4221	Screw	1	11	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
LF 531-4231	Screw	1	11	o
LF 531-4241	Screw	1	11	o
LF 531-4251	Screw	1	11	o
LF 531-4261	Screw	1	11	o
LF 531-4271	Plate	1	11	o
LF 531-4291	Plate	1	11	o
LF 531-4321	Cover plate	1	11	o
LF 531-4331	Bushing	1	11	o
LF 531-4411	Aperture ring	1	11	o
LF 531-4451	Spacer	1	11	o
LF 531-5111	Mounting ring	1	11	o
LF 531-512S1	Operating lever	1	11	o
LF 531-5181	Shoulder screw	1	11	o
LF 531-5211	Spring	1	11	o
LF 531-5231	Screw	3	11	o
LF 531-524S1	Base plate	1	11	o
LF 531-5271	Mounting ring	1	11	o
LF 531-5311	Changing plate	1	11	o
LF 531-5321	Changing ring	1	11	o
LF 531-5351	Spring	1	11	o
LF 531-5361	Retaining ring	1	11	o
LF 432-2331	Shoulder screw	1	11	o
LF 432-2341	Anchor	1	11	o
LF 432-3151	Knob	1	11	o
LF 432-4181	Meter coupler	1	11	o
LF 432-4331	Red dot	1	11	o
HWPS-514	Steel ball	19	11	o
2φBall	Steel ball	1	11	o
A2x3.5	Screw for LF531-5361	3	11	o
A2x4.5	Screw for LF531-4161	3	11	o
3PB1.4x1.5BNi	Screw for LF531-2121	3	11	o
3PB1.4x2.5BNi	Screw for LF531-2111	3	11	o
3PB1.7x4BNi	Screw for LF531-4291	1	11	o
3PB2x5BNi	Screw for LF531-1211	3	11	o
4PB1.7x2.2BNi	Screw for LF432-3151	1	11	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
PB1.7x3BNi	Screw for LF531-3141	4	11	o
PD1.4x2BNi	Screw for LF531-5271	3	11	o
PD1.4x3BNi	Screw for LF531-5311	2	11	o
PD1.7x2.5BNi	Screw for LF531-2371	2	11	o
PD1.7x2.5BNi	Screw for LF531-2451	2	11	o
PD1.7x2.5BNi	Screw for LF561-3161	2	11	o
PD1.7x5BNi	Screw for LF531-1211	5	11	o
PD2x4BNi	Screw for LF531-311S1	3	11	o
PD2x4BNi	Screw for LF531-4121	3	11	o
PD2x4BNi	Screw for LF531-4211	1	11	o
3PD1.4x2.2BNi	Screw for LF432-4181	2	11	o
6W3x0.03,0.05	Washer for LF432-2331	1	11	o

#0 SEIKO Shutter (Type 824)
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Parts No.	Description	Pcs.	Ref. Page	Term of Sale
000-0207	Screw	3	12	o
000-0255	Screw "B"	1	13	o
000-0290	Screw	1	12	o
000-0702	Screw	1	13	o
000-5208	Screw	1	12	o
000-6221	Screw	1	13	o
000-6275	Screw	2	12	o
001-0220	Screw	4	13	o
001-0238	Screw "B"	1	13	o
001-1222	Screw	5	12,13	o
005-0100	E-ring	3	13	o
110-1014	Cocking ring stopper	1	13	o
110-2016	Spring	1	13	o
110-2026	Spring	1	13	o
110-4005	Gear	1	13	o
110-4518	X contact lever	1	13	o
125-0037	Ring	1	12	o
132-1001	Lever	1	12	o
138-2037	Lever	1	13	o
138-2169	Lever "B"	1	13	o
230-4007	Spring	1	13	o
230-4010	SG star wheel	1	13	o
730-1003	Spring	1	12	o
730-1012	Spring	1	13	o
730-2001	Cocking pinion	1	13	o
730-2005	Driving cam	1	13	o
730-2010	Latching lever	1	13	o
730-2013	Main drive spring	1	13	o
730-2028	Bulb lever	1	13	o
730-2034	Sub blade	5	12	o
730-3028	Speed regulation governor	1	13	o
730-4001	SG upper plate	1	13	o
730-4511	Collar	1	13	o
730-4515	Collar	1	13	o
730-4521	Spring	1	13	o

Parts No.	Description	Pcs.	Ref. Page	Term of Sale
730-4527	Contact lever	1	13	o
735-0803	Sub shutter blade	1	12	o
735-2031	Shutter blade "A"	3	12	o
735-2133	Shutter blade "B"	1	12	o
736-2019	Blade actuating ring	1	13	o
738-1019	Lever	1	13	o
752-2100	Spring	1	13	o
773-0017	Diaphragm blade	5	12	o
824-0001	Base plate	1	13	o
824-0002	Lens tube	1	13	o
824-0003	Shutter casing	1	12	o
824-0005	Speed setting disk	1	12	o
824-0015	Diaphragm blade operating ring	1	12	o
824-0020	Blade supporting plate	1	12	o
824-0113	Aperture operating ring	1	12	o
824-0168	Lever	1	12	o
824-0375	Spring	1	12	o
824-1010	Locking lever	1	13	o
824-4606	Plate	1	12	o

Parts List

for

MAMIYA-SEKOR MACRO C 80mm F4 (LF611) for M645

P.C.1978-5-LF611

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Parts List

for

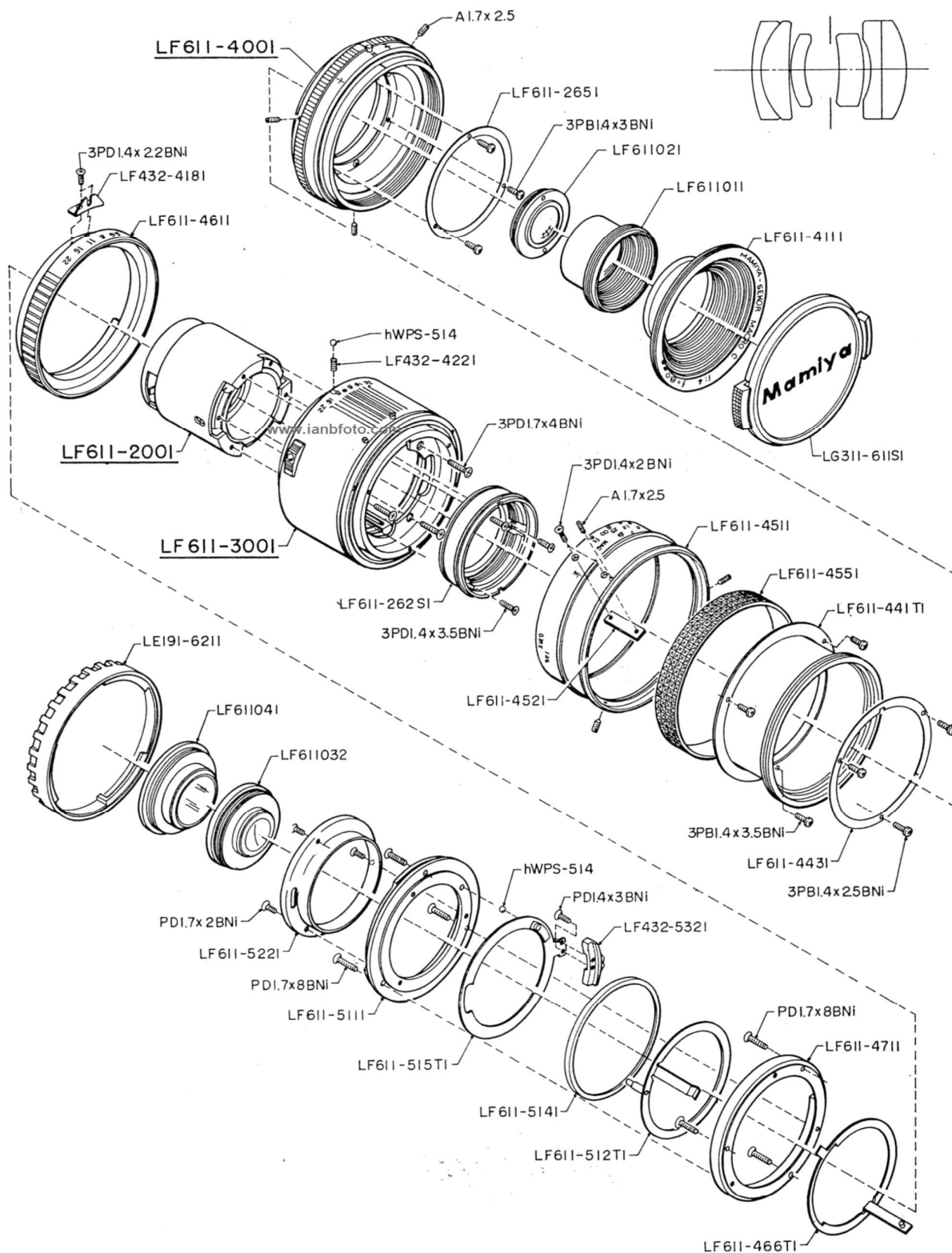
MAMIYA-SEKOR MACRO C 80mm F4 (LF611) for M645

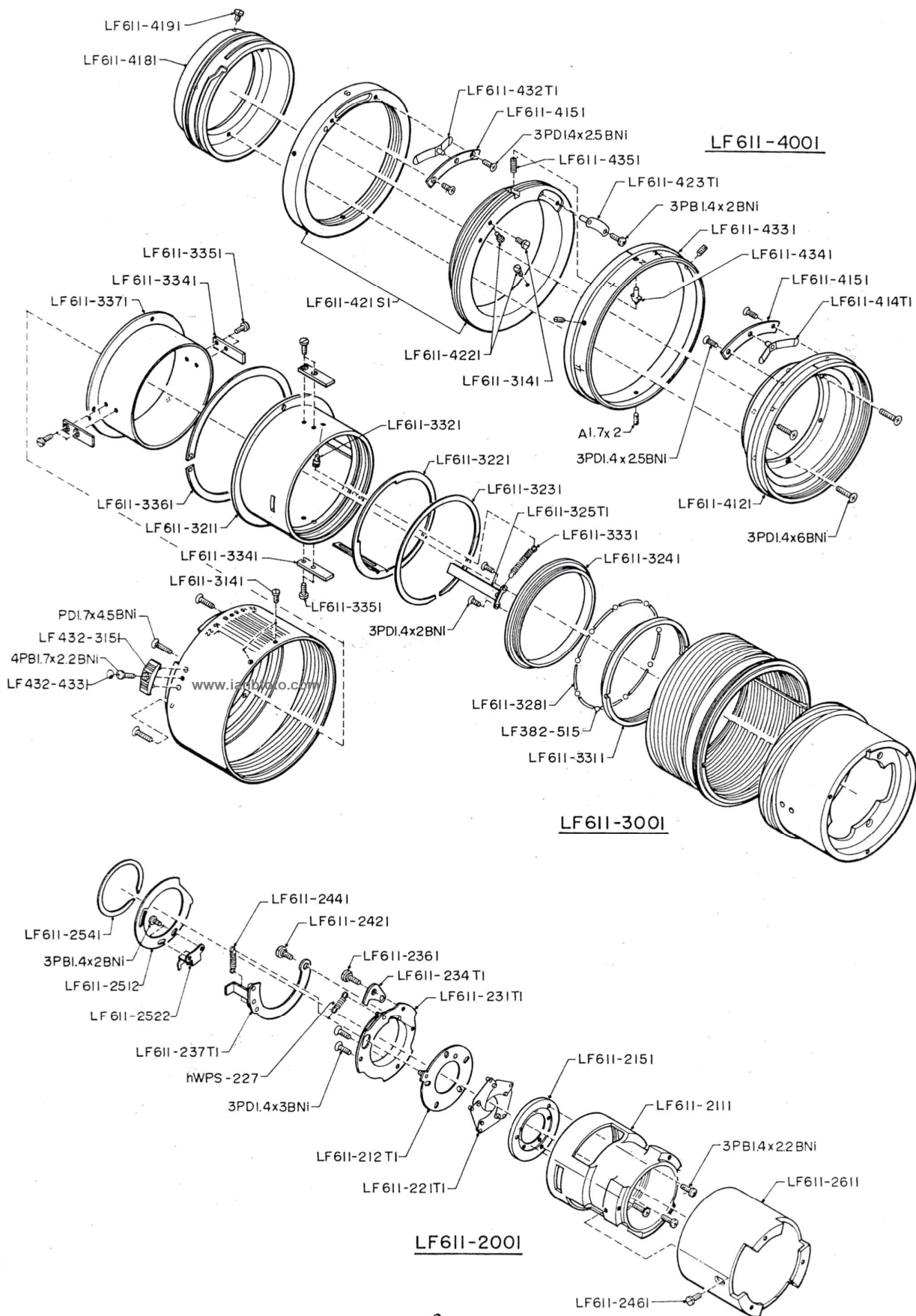
P.C.1978-5-LF611

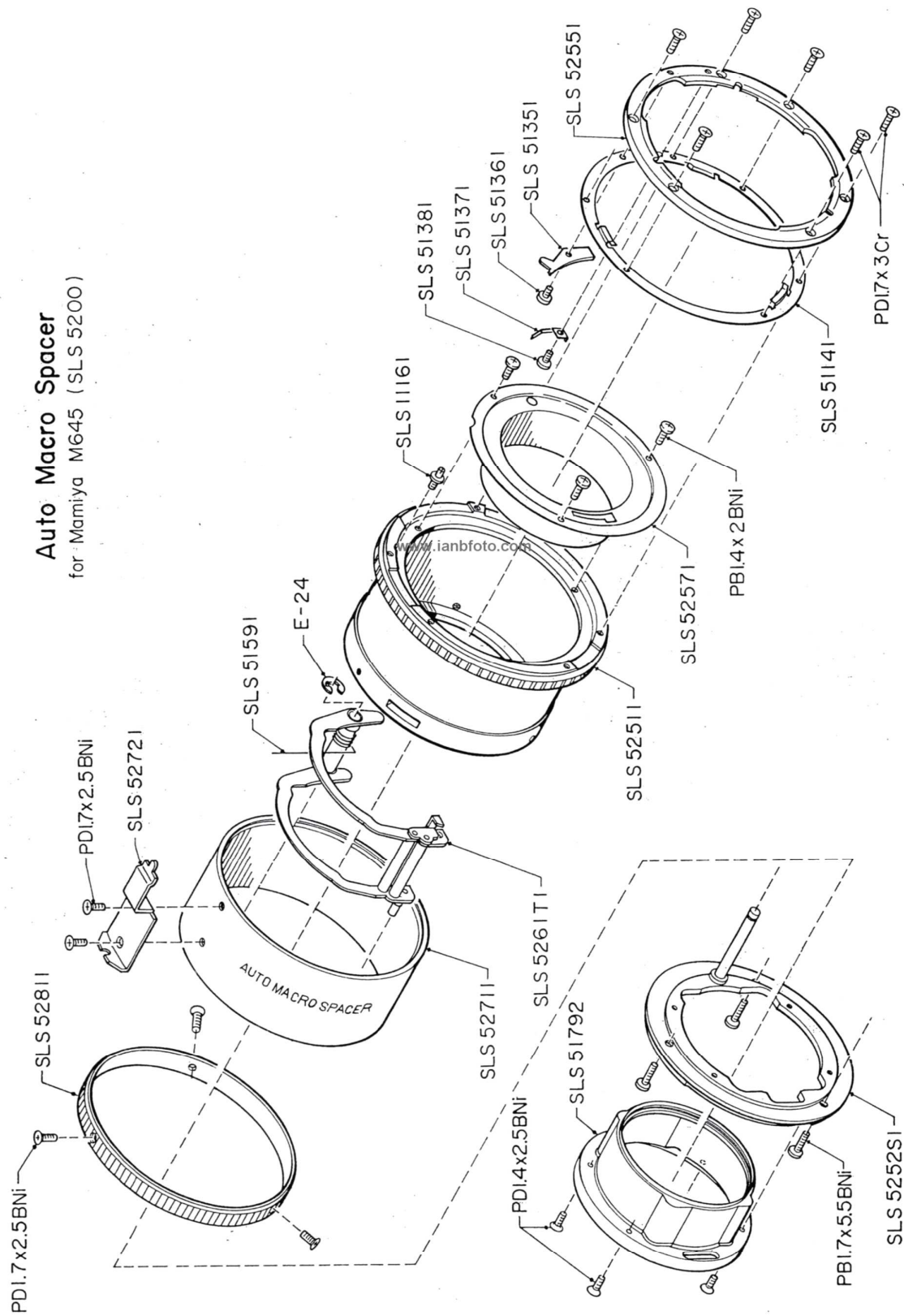


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MAMIYA-SEKOR MACRO C 80mm F4 for M645 (LF611)







P.C.1978-5-LF611

MAMIYA-SEKOR MACRO C 80mm F4 (LF611) for M645
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Parts No.	Description	Pcs.	Ref. Page
LF611011	Lens assy.	1	1
LF611021	Lens	1	1
LF611032	Lens	1	1
LF611041	Lens assy.	1	1
<u>LF611-2001</u>	Diaphragm barrel assy.	1	1,2
- LF611-2111	Barrel	1	2
- LF611-212T1	Operating ring	1	2
- LF611-2151	Dividing device ring	1	2
- LF611-221T1	Diaphragm blade	5	2
- LF611-231T1	Retainer	1	2
- LF611-234T1	Lever	1	2
- LF611-2361	Shaft	1	2
- LF611-237T1	Control cam	1	2
- LF611-2421	Screw for LF611-237T1	1	2
- LF611-2441	Spring	1	2
- LF611-2461	Pin	1	2
- LF611-2512	Aperture control cam	1	2
- LF611-2522	Pawl	1	2
- LF611-2541	Retainer	1	2
- LF611-2611	Barrel	1	2
- hwps-227	Spring	1	2
- 3PB1.4x2BNi	Screw for LF611-2511	2	2
- 3PB1.4x2.2BNi	Screw for LF611-2151	3	2
- 3PD1.4x3BNi	Screw for LF611-231T1	2	2
LF611-262S1	Ring	1	1
LF611-2651	Washer	1	1
<u>LF611-3001</u>	Helicoid assy.	1	1,2
- LF611-3141	Pin	2	2
- LF611-3211	Barrel	1	2
- LF611-3221	Control cam	1	2
- LF611-3231	Retainer	1	2
- LF611-3241	Retaining ring	1	2
- LF611-325T1	Operating arm	1	2
- LF611-3281	Spacer	9	2
- LF611-3311	Retaining ring	1	2

Parts No.	Description	Pcs.	Ref. Page
LF611-3321	Anchor	1	2
LF611-3331	Spring	1	2
LF611-3341	Key lever	4	2
LF611-3351	Screw for LF611-3341	8	2
LF611-3361	Retainer	1	2
LF611-3371	Ring	1	2
LF382-515	Steel ball	9	2
LF432-3151	Knob	1	2
LF432-4331	Red dot	1	2
4PB1.7x2.2BNi	Screw for LF432-315	1	2
PD1.7x4.5BNi	Screw for LF611-3371	3	2
3PD1.4x2BNi	Screw for LF611-325T1	2	2
LF611-4001	Magnification selector ring assy.	1	1,2
LF611-3141	Pin	1	2
LF611-4121	Filter ring	1	2
LF611-414T1	Spring	1	2
LF611-4151	Lock cover	1	2
LF611-4181	Cam	1	2
LF611-4191	Screw	1	2
LF611-421S1	Magnifying ring assy.	1	2
LF611-4221	Pin	2	2
LF611-423T1	Spring	1	2
LF611-432T1	Spring	1	2
LF611-4331	Magnification selector ring	1	2
LF611-4341	Crick pin	1	2
LF611-4351	Stopper screw for LF611-4351	1	2
A1.7x2	Screw for LF611-4331	3	2
3PB1.4x2BNi	Screw for LF611-423T1	1	2
3PD1.4x2.5BNi	Screw for LF611-4151	4	2
3PD1.4x6BNi	Screw for LF611-4121	3	2
LF611-4111	Name ring	1	1
LF611-441T1	Barrel	1	1
LF611-4431	Retaining ring	3	1
LF611-4511	Focusing ring	1	1

Parts No.	Description	Pcs.	Ref. Page
LF611-4521	Stopper	1	1
LF611-4551	Rubber grip	1	1
LF611-4611	Aperture ring	1	1
LF611-466T1	Cam ring	1	1
LF611-4711	Mount base ring	1	1
LF611-5111	Mounting ring	1	1
LF611-512T1	Operating ring	1	1
LF611-5141	Retaining ring	1	1
LF611-515T1	Coupling lever	1	1
LF611-5221	Mounting cover	1	1
LE191-6211	Rear lens cap	1	1
LF432-4181	Meter coupler	1	1
LF432-4221	Spring for LF611-3001	1	1
LF432-5321	A.M. lever	1	1
LG311-611S1	Front lens cap	1	1
hwPS-514	Steel ball for LF432-4221	1	1
	for LF611-515T1	1	1
A1.7x2.5	Screw for LF4001	3	1
	for LF611-4511	3	1
3PB1.4x2.5BNi	Screw for LF611-4431	3	1
3PB1.4x3BNi	Screw for LF611-2651	3	1
3PB1.4x3.5BNi	Screw for LF611-441T1	3	1
PD1.4x3BNi	Screw LF611-515T1	2	1
3PD1.4x2.2BNi	Screw for LF432-4181	2	1
PD1.7x2BNi	Screw for LF611-5221	3	1
PD1.7x8BNi	Screw for LF611-4711	3	1
	for LF611-5111	3	1
3PD1.4x2BNi	Screw for LF611-4511	2	1
3PD1.4x3.5BNi	Screw for LF611-262S1	3	1
3PD1.7x4BNi	Screw for LF611-3001	3	1

P.C.1978-5-SLSACC

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Parts No.	Description	Pcs.	Ref. Page
SLS52511	Tube No.5	1	3
SLS5252S1	Mounting Ring	1	3
SLS52551	Bayonet	1	3
SLS52571	Cover	1	3
SLS5261T1	Coupling lever	1	3
SLS52711	Aperture ring	1	3
SLS52721	Meter coupler	1	3
SLS52811	Ring	1	3
SLS51141	Bayonet spring	1	3
SLS51351	Release lever	1	3
SLS51361	Shaft	1	3
SLS51371	Spring	1	3
SLS51381	Screw	1	3
SLS51591	Spring	1	3
SLS51792	Cover	1	3
SLS11161	Stopper pin	1	3
PB1.4x2BNi	Screw for SLS52571	3	3
PB1.7x5.5BNi	Screw for SLS5252S1	3	3
PD1.4x2.5BNi	Screw for SLS51792	4	3
PD1.7x2.5BNi	Screw for SLS52721	2	3
	Screw for SLS52811	3	3
PD1.7x3Cr	Screw for SLS52551	6	3
E-20	E-ring	1	3

Mamiya