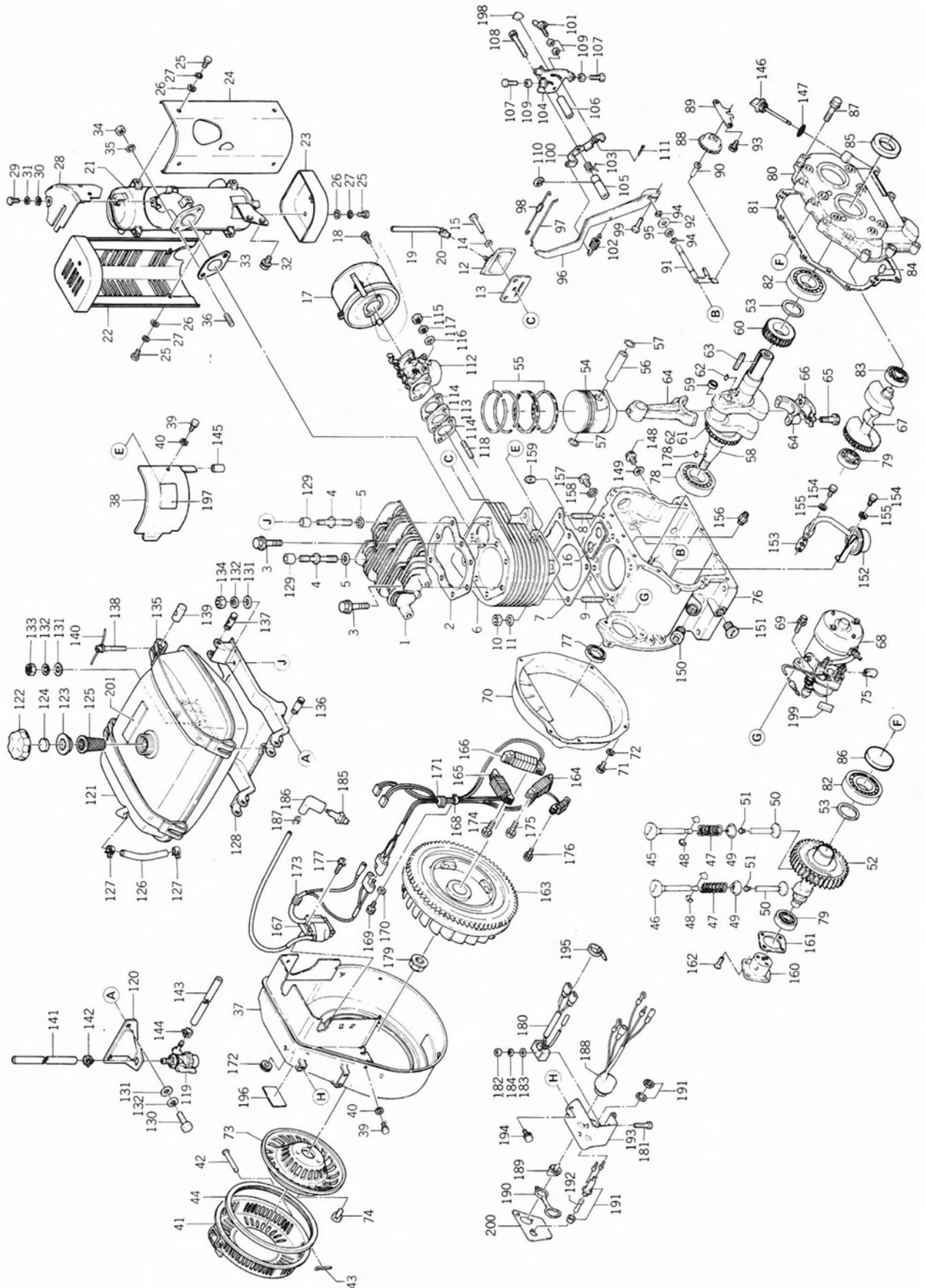


Kawasaki

AIR-COOLED ENGINE

316522 (KF150D-SX)

Parts Catalog



KF150D-SX (316522)

Ref.No.	Part No.	Part Name	Quantity					Remarks
			22D					
1	316550-1111B	HEAD, cylinder	1					Fig. A-1
2	3165AA-1121A	GASKET, head	1					
3	317472-1181A	BOLT	6					
4	316550-1183B	BOLT	2					
5	316550-1187B	WASHER	2					
6	316550-1211B	CYLINDER ASS'Y	1					
7	316550-1221-00	GASKET	1					
8	316550-1185-00	STUD	1					
9	316550-1186-00	STUD	5					
10	316550-1144-00	NUT	6					
11	410B1200	WASHER	6					
12	316550-1231B	COVER, inspection	1					
13	316550-1232-00	GASKET	1					
14	317472-1233A	GASKET	1					
15	110B0675	BOLT (6x75)	1					
16	316550-1515-00	PLATE	1					
17	316550-1310B	AIR CLEANER ASS'Y	1					
18	180B0614	BOLT (6x14)	2					
19	316550-1531B	TUBE	1					
20	313679-1532-00	CLIP	2					
21	316550-1400C	MUFFLER ASS'Y	1					
22	316550-1431-00	•COVER, muffler	1					
23	319213-1432-00	•COVER, muffler	1					
24	316550-1433B	•COVER, muffler	1					
25	110R0610	•BOLT (6x10)	11					
26	410B0600	•WASHER	11					
27	461F0600A	•WASHER, spring	11					
28	316550-1434-00	COVER	1					
29	110R0610	BOLT (6x10)	3					
30	410B0600	WASHER	3					
31	461F0600A	WASHER, spring	3					
32	182G0822	BOLT (8x22)	2					
33	318293-1442-00	GASKET	1					
34	311R0800A	NUT (8mm)	2					
35	461F0800	WASHER, spring	2					
36	171G0822	STUD	2					
37	316522-1611B	CASE, spiral	1					
38	316552-1632A	COVER, cylinder	1					
39	180B0614	BOLT (6x14)	6					
40	411B0600	WASHER	6					
41	317240-1640-00	COVER, pulley	1					
42	316290-1649-00	PIN	1					

Ref.No.	Part No.	Part Name	Quantity					Remarks
			22D					
43	550D2012	PIN, cotter	1					
44	317240-1652-00	GASKET	1					
45	316550-2111-00	VALVE, inlet	1					
46	316550-2112-00	VALVE, exhaust	1					
47	318290-2113-00	SPRING, valve	2					
48	318155-2115-00	COLLET, valve	2					
49	318155-2116-00	SEAT, spring	2					
50	316550-2211B	TAPPET	2					
51	316670-2260A	CAP, tappet	AR					t=2.70
	316670-2261A	CAP, tappet	AR					t=2.75
	316670-2262A	CAP, tappet	AR					t=2.80
	316670-2263A	CAP, tappet	AR					t=2.85
	316670-2264A	CAP, tappet	AR					t=2.90
	316670-2265A	CAP, tappet	AR					t=2.95
	316670-2266A	CAP, tappet	AR					t=3.00
	316670-2267A	CAP, tappet	AR					t=3.05
	316670-2268A	CAP, tappet	AR					t=3.10
	316670-2269A	CAP, tappet	AR					t=3.15
	316670-2270A	CAP, tappet	AR					t=3.20
	316670-2271A	CAP, tappet	AR					t=3.25
	316670-2272A	CAP, tappet	AR					t=3.30
	316670-2273A	CAP, tappet	AR					t=3.35
	316670-2274A	CAP, tappet	AR					t=3.40
	316670-2275A	CAP, tappet	AR					t=3.45
	316670-2276A	CAP, tappet	AR					t=3.50
	316670-2277A	CAP, tappet	AR					t=3.55
	316670-2278A	CAP, tappet	AR					t=3.60
	316670-2279A	CAP, tappet	AR					t=3.65
52	316520-2300-00	CAM GEAR ASS'Y	1					
53	316550-2341B	SHIM	AR					t=1.05
	316550-2342B	SHIM	AR					t=1.10
	316550-2343B	SHIM	AR					t=1.20
	316550-2344B	SHIM	AR					t=1.30
	316550-2345B	SHIM	AR					t=1.40
	316550-2346B	SHIM	AR					t=1.50
	316550-2347B	SHIM	AR					t=1.60
	316550-2348B	SHIM	AR					t=1.70
	316550-2349B	SHIM	AR					t=1.80
54	316550-3111-00	PISTON	1					
55	318290-3010-00	PISTON RING SET	1					
56	319201-3121-00	PIN, piston	1					
57	318290-3122-00	RING, snap	2					

KF150D-SX (316522)

Ref.No.	Part No.	Part Name	Quantity					Remarks
			22D					
58	316522-3210A	CRANK SHAFT ASS'Y	1					
59	318290-3215-00	•CAP	1					
60	316550-3217-00	•GEAR, crank	1					
61	316550-3333-00	•GEAR, balancer	1					
62	510A5200	•KEY	2					
63	317101-3272-00	KEY	1					
64	316550-3240-02	CONNECTING ROD ASS'Y	1					
65	319201-3245-00	•BOLT, connecting rod	2					
66	316550-3248-00	WASHER, lock	1					
67	316550-3330-02	BALANCER ASS'Y	1					
68	317224-8310C	STARTER ASS'Y	1					Fig. S-1
	317224-8310D	STARTER ASS'Y	1					Fig. S-1
69	316462-8318A	BOLT	2					
70	316551-4129-00	BASE, side	1					
71	180B0614	BOLT (6x14)	5					
72	410B0600	WASHER	5					
73	318222-3411-02	PULLEY, starter	1					
74	180B0814	BOLT (8x14)	3					
75	317271-8315A	CAP	1					
76	316591-4110A	CRANK CASE ASS'Y	1					
77	318290-4236-00	SEAL, oil	1					
78	601A6308	BEARING, ball (6308)	1					
79	601A6304	BEARING, ball (6304)	2					
80	316520-4120-00	SIDE BASE	1					
81	316550-4124-00	GASKET	1					
82	601A6308	BEARING, ball (6308)	2					
83	601A6304	BEARING, ball (6304)	1					
84	551A0814	PIN, dowel	2					
85	317370-4235-00	SEAL, oil	1					
86	318290-4154-00	CAP, seal	1					
87	181G0840	BOLT (8x40)	12					
88	317270-5110-01	GOVERNOR ASS'Y	1					
89	317270-5119-01	PLATE, governor	1					
90	317370-5121B	SLEEVE, governor	1					
91	316550-5123-00	SHAFT, governor	1					
92	317270-5125-00	GASKET	1					
93	180B0614	BOLT (6x14)	2					
94	482L8000	RING, snap	2					
95	331101-6382-00	SEAL, oil	1					
96	316550-5211-00	ARM, governor	1					
97	316550-5231-00	LINK, governor	1					
98	316550-5232-00	SPRING, link	1					

Ref.No.	Part No.	Part Name	Quantity						Remarks
			22D						
99	180B0625	BOLT (6x25)	1						
100	317270-5311-02	LEVER, control	1						
101	317105-5313-00	KNOB, control	1						
102	316550-5314-00	SPRING, governor	1						
103	317101-5317-02	SPRING, return	1						
104	317105-5331-00	PLATE, control	1						
105	317270-5332-01	COLLAR	1						
106	317270-5333-00	COLLAR	1						
107	316670-5382-00	BOLT	2						
108	180B0665	BOLT (6x65)	2						
109	312B0600	NUT (6mm)	4						
110	482K0100	E-RING	1						
111	550D2012	PIN, cotter	1						
112	316550-6100D	CARBURETOR ASS'Y	1						Fig. C-1
113	316550-6181-00	INSULATOR	1						
114	316570-6184A	GASKET	2						
115	312B0800A	NUT (8mm)	2						
116	411B0800	WASHER	2						
117	462F0800	WASHER, spring	2						
118	171G0832	STUD	2						
119	318292-6530B	FILTER ASS'Y	1						Fig. F-1
120	316552-6561A	BRACKET, filter	1						
121	316552-6610A	FUEL TANK ASS'Y	1						
122	318290-6641-00	•CAP, tank	1						
123	318290-6643-02	•GASKET	1						
124	318290-6646-00	•ELEMENT	1						
125	313592-6661-00	•STRAINER, fuel	1						
126	316550-6811-00	•TUBE	1						
127	312740-6812-00	•CLIP	2						
128	316552-6711B	BRACKET, tank	1						
129	316550-1135B	COLLAR	2						
130	110B1025	BOLT (10x25)	2						
131	410B1000	WASHER	4						
132	461F1000A	WASHER, spring	4						
133	311B1000	NUT (10mm)	1						
134	316550-6729-00	NUT	1						
135	316552-6721A	BAND, tank	2						
136	316550-6722-00	PIN	2						
137	316550-6723-00	PIN	2						
138	318155-6725-00	BOLT	2						
139	318155-6726-00	PIN	2						
140	318290-6728-00	WIRE	2						

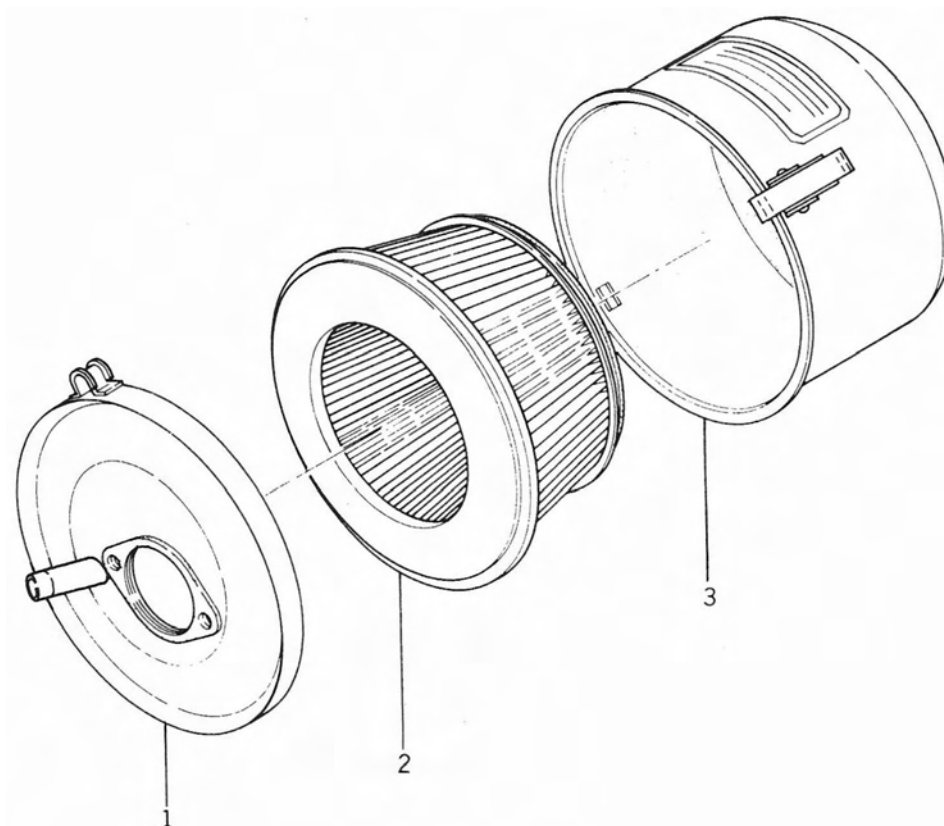
KF150D-SX (316522)

Ref.No.	Part No.	Part Name	Quantity					Remarks
			22D					
141	316550-6671-00	TUBE	1					ℓ=395mm
142	313679-1532-00	CLIP	2					
143	702A051000	TUBE, rubber	1					
144	313401-6812-00	CLIP	2					
145	317370-8167-00	TUBE	1					
146	316550-7411-00	GAUGE, oil	1					
147	315192-7432-00	O-RING	1					
148	318294-7441-00	PLUG, drain	1					
149	331201-7214-00	GASKET	1					
150	317220-7431-00	PLUG, oil filler	1					
151	317220-7441-00	PLUG, drain	1					
152	316550-7210-00	OIL STRAINER ASS'Y	1					
153	317370-7214-00	GASKET	1					
154	180B0614	BOLT (6x14)	3					
155	410B0600	WASHER	3					
156	316550-7610-00	VALVE ASS'Y	1					
157	316550-7446-00	BOLT	1					
158	316550-7447-00	GASKET	1					
159	315195-1284-00	PLUG, crank case	1					
160	316520-7110-00	OIL PUMP ASS'Y	1					
161	316550-7112-00	GASKET	1					
162	221B0616	SCREW (6x16)	4					
163	316522-8119A	FLYWHEEL	1					
	316522-8119B	FLYWHEEL	1					
164	316591-8126A	COIL, exciting	1					
165	316591-8136A	COIL, charging	1					
166	316591-8137A	COIL, charging	1					
167	316591-8465A	IGNITER	1					
168	318155-8162-00	CLAMP	1					
169	180B0614	BOLT (6x14)	1					
170	410B0600	WASHER	1					
171	316550-8164-00	GROMMET	1					
172	317294-8164-00	GROMMET	1					
173	317294-8165-00	GROMMET	1					
174	232B0630	SCREW (6x30)	4					
175	232B0635	SCREW (6x35)	2					
176	232B0414A	SCREW (4x14)	2					
177	232B0620	SCREW (6x20)	2					
178	510A5200	KEY	1					
179	318222-3481-00	NUT	1					
180	316551-8361-00	RECTIFIER	1					
181	186B0630	BOLT (6x30)	1					

KF150D-SX (316522)

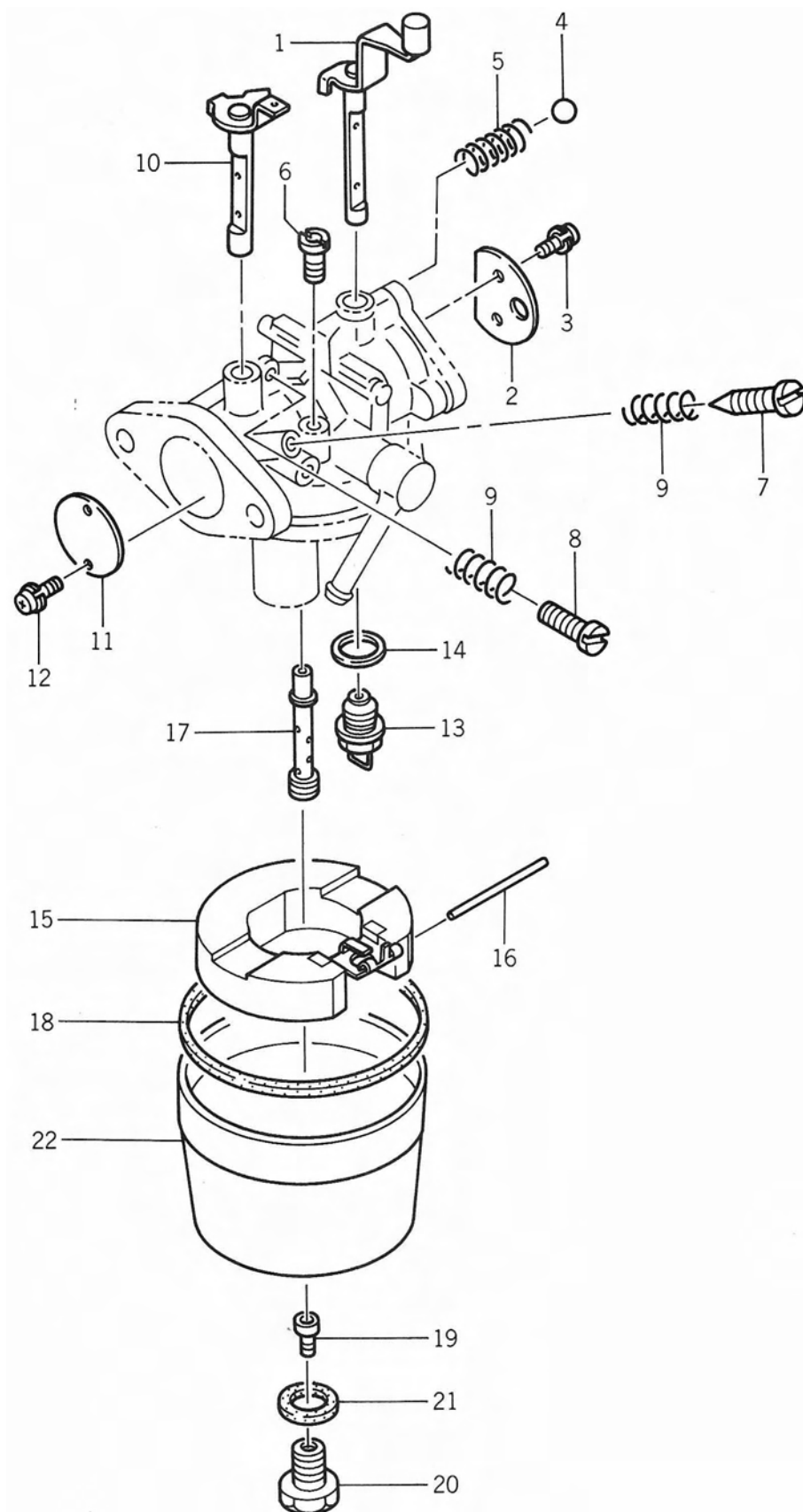
Ref.No.	Part No.	Part Name	Quantity					Remarks
			22D					
182	312B0600	NUT (6mm)	1					
183	410B0600	WASHER	1					
184	461F0600A	WASHER, spring	1					
185	313122-8410-00	PLUG, spark (NGK B4H)	1					
186	317270-8418B	CAP, plug	1					
187	317270-8419A	SPRING	1					
188	316591-8320A	SWITCH ASS'Y	1					
189	317241-8321B	•KEY	2					
190	317241-8322-00	CAP	1					
191	317241-8167-00	HOLDER	1					
192	317241-8824-00	FUSE	1					
193	317241-8560-00	COVER, rectifier	1					
194	187B0612	BOLT (6x12)	3					
195	316644-8577A	BAND	1					
196	316550-0811A	LABEL, mark	1					★★
197	316521-0813A	LABEL, horse power	1					★★
198	318223-0831-00	LABEL	1					★★
199	317221-0839-00	LABEL	1					★★
200	317241-0831-00	LABEL	1					★★
201	315418-0851A	LABEL	1					★★

KF150D-SX (316522)
Fig. A-1 AIR CLEANER



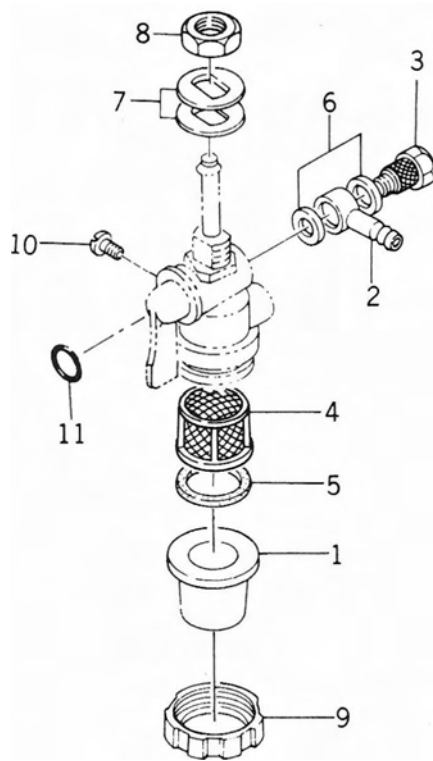
Ref.No.	Part No.	Part Name	Quantity						Remarks
			22D						
	316550-1310B	AIR CLEANER ASS'Y	1						
A-1- 1	3165YB-1311A	•PLATE, air cleaner	1						
A-1- 2	318250-1312-00	•ELEMENT	1						
A-1- 3	3182YB-1316A	•COVER, air cleaner	1						

KF150D-SX (316522)
Fig. C-1 CARBURETOR



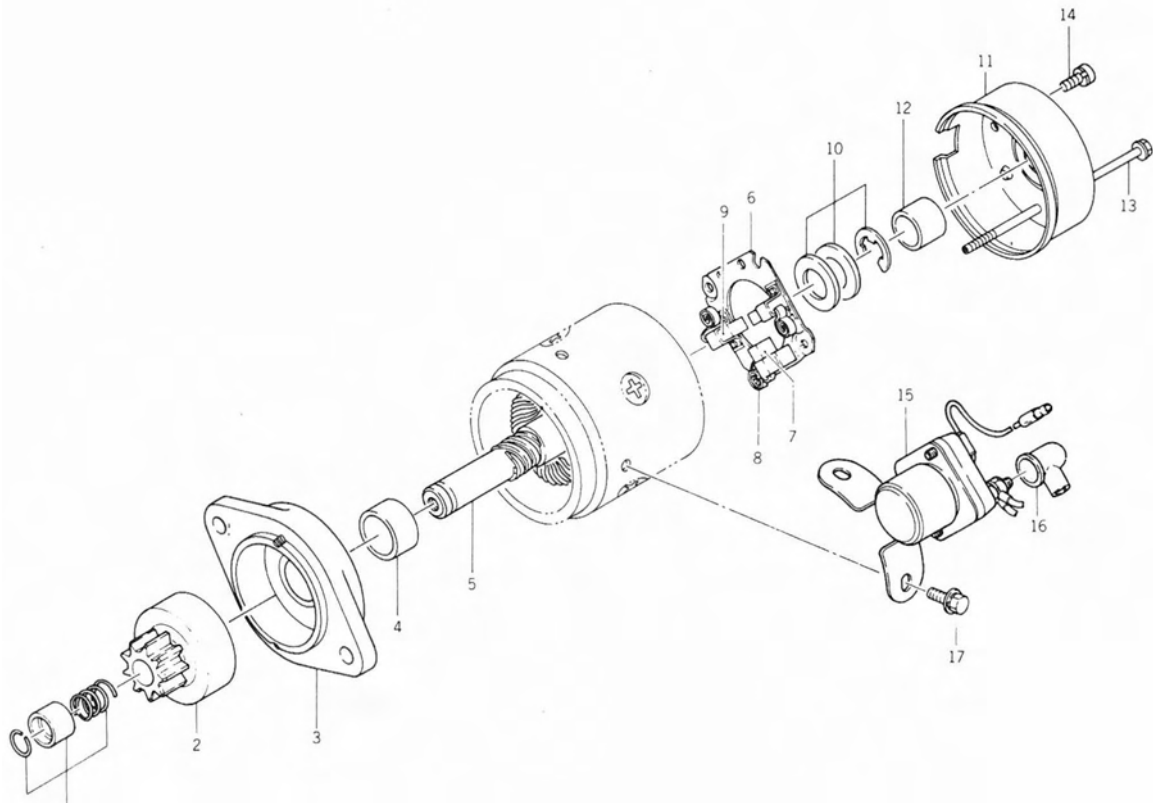
Ref.No.	Part No.	Part Name	Quantity						Remarks
			22D						
	316550-6100D	CARBURETOR ASS'Y	1						
C-1- 1	316550-6142A	•SHAFT, choke	1						
C-1- 2	316550-6102A	•VALVE, choke	1						
C-1- 3	314310-6137A	•SCREW	2						
C-1- 4	313122-6104-00	•BALL, steel	1						
C-1- 5	313122-6103-00	•SPRING	1						
C-1- 6	316511-6112-00	•JET, pilot (#65)	1						
C-1- 7	316470-6114-00	•SCREW, pilot	1						
C-1- 8	214B0412A	•SCREW (4x12)	1						
C-1- 9	313122-6116-00	•SPRING	2						
C-1-10	316550-6139A	•SHAFT, throttle	1						
C-1-11	316550-6101A	•VALVE, throttle	1						
C-1-12	316550-6137A	•SCREW	2						
C-1-13	316550-6120A	•NEEDLE VALVE ASS'Y	1						
C-1-14	316192-6149-00	•GASKET	1						
C-1-15	316670-6126A	•FLOAT	1						
C-1-16	317101-6127-00	•PIN, float	1						
C-1-17	319201-6129-00	•NOZZLE, main	1						
C-1-18	319273-6128-00	•GASKET	1						
C-1-19	316550-6132-00	•JET, main (#122.5)	1						
C-1-20	317101-6133-00	•HOLDER, main jet	1						
C-1-21	313122-6118-00	•GASKET	1						
C-1-22	316670-6130A	•CHAMBER, float	1						

Fig. F-1 FILTER



Ref.No.	Part No.	Part Name	Quantity						Remarks
			22D						
	318292-6530B	FILTER ASS'Y	1						
F-1- 1	318250-6521-00	●POT, filter	1						
F-1- 2	318290-6523-00	●JOINT, banjo	1						
F-1- 3	318290-6525-00	●BOLT, joint	1						
F-1- 4	317270-6519B	●STRAINER	1						
F-1- 5	317270-6518B	●GASKET	1						
F-1- 6	318290-6524-00	●GASKET	2						
F-1- 7	318290-6526-00	●WASHER	2						
F-1- 8	318290-6527-00	●NUT	1						
F-1- 9	318292-6515-00	●NUT, ring	1						
F-1-10	313650-6517-00	●SCREW	1						
F-1-11	312401-6512-00	●O-RING	1						

KF150D-SX (316522)
Fig. S-1 STARTER



Ref.No.	Part No.	Part Name	Quantity						Remarks
			22D						
	317224-8310C	STARTER ASS'Y	1						
	317224-8310D	STARTER ASS'Y	1						
S-1- 1	317103-8331B	●PINION STOPPER SET	1						
S-1- 2	317221-8320B	●CLUTCH ASS'Y	1						
	317221-8312A	●CLUTCH ASS'Y	1						
S-1- 3	317221-8311-00	●FRONT COVER ASS'Y	1						
S-1- 4	317221-8348-00	●METAL, front	1						
S-1- 5	317224-8330A	●ARMATURE ASS'Y	1						
S-1- 6	317299-8350B	●BRUSH HOLDER ASS'Y	1						
S-1- 7	319203-8326-00	●BRUSH, carbon (-)	1						
S-1- 8	319203-8327-00	●SPRING, brush	3						
S-1- 9	319203-8325-00	●BRUSH, carbon (+)	2						
S-1-10	317299-8390-01	●WASHER SET	1						
S-1-11	317224-8333A	●REAR COVER ASS'Y	1						
S-1-12	317299-8356-01	●METAL, rear	1						
S-1-13	318258-8354-00	●BOLT	2						
S-1-14	242B0412	●SCREW (4x12)	2						
S-1-15	317111-8340-01	●SWITCH ASS'Y	1						
S-1-16	317111-8349-00	●CAP	1						
S-1-17	187B0610	●BOLT (6x10)	2						