

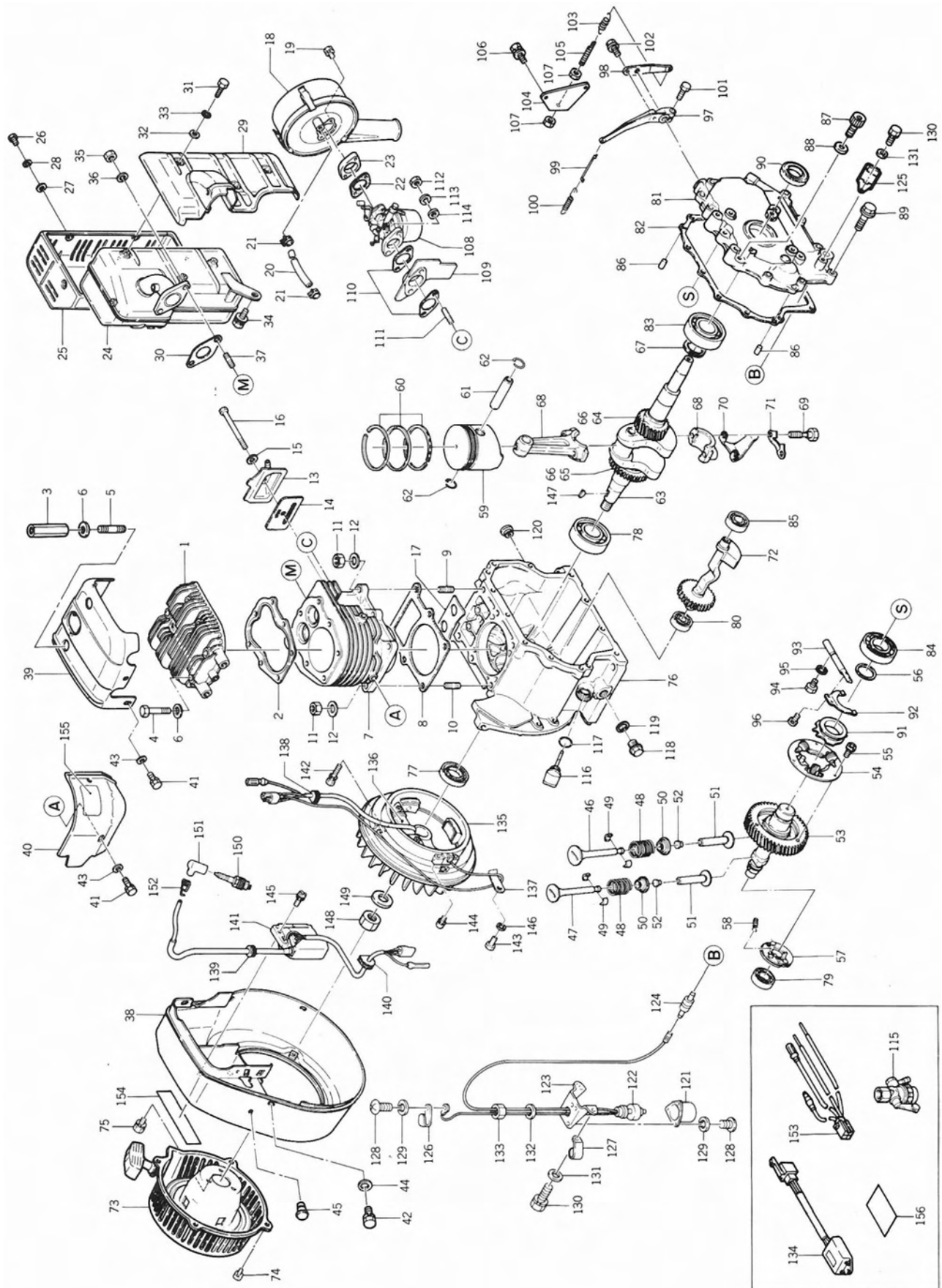
Kawasaki

Parts List

KF82D-X (316633)

4 cycle air-cooled
gasoline engine

**4 KF53 KF64 KF82 KF100 KF150
34 KF53 KF64 KF82 KF100 KF150
F34 KF53 KF64 KF82 KF100 KF150
KF34 KF53 KF64 KF82 KF100 KF150
KF34 KF53 KF64 KF82 KF100 KI
F KF34 KF53 KF64 KF82 KF100 K
24 KF34 KF53 KF64 KF82 KF100
24 KF34 KF53 KF64 KF82 KF100
F24 KF34 KF53 KF64 KF82 KF100
KF24 KF34 KF53 KF64 KF82 KF100
KF24 KF34 KF53 KF64 KF82 KF100
0 KF24 KF34 KF53 KF64 KF82 K
50 KF24 KF34 KF53 KF64 KF82
150 KF24 KF34 KF53 KF64 KF82
F150 KF24 KF34 KF53 KF64 KF82**



KF82D-X (316633)

Ref.No.	Part No.	Part Name	Quantity					Remarks
			33A					
1	316670-1111B	HEAD, cylinder	1					
2	3166AA-1121A	GASKET, head	1					
3	313550-1183-00	NUT, long	1					
4	112G0845	BOLT (8x45)	6					
5	171G0840	STUD	1					
6	411B0800	WASHER	7					
7	316670-1210D	CYLINDER ASS'Y	1					
8	316670-1221-00	GASKET, cylinder	1					
9	171G1025	STUD	1					
10	172G1025	STUD	5					
11	317B1000	NUT (10mm)	6					
12	410B1000	WASHER	6					
13	316633-1231A	COVER, inspection	1					
14	316670-1232-00	GASKET	1					
15	317472-1233A	GASKET	1					
16	110B0670	BOLT (6x70)	1					
17	316670-1515-00	PLATE, breather	1					
18	316627-1310A	AIR CLEANER ASS'Y	1					Fig. A-1
19	187B0628	BOLT (6x28)	2					
20	702A071000	TUBE, rubber	1					ℓ=145mm
21	313679-1532-00	CLIP	2					
22	317154-6151-00	GASKET	1					
23	317195-6196-00	COLLAR CARBURETOR	1					
24	316607-1400A	MUFFLER ASS'Y	1					
25	316602-1431A	•COVER, muffler	1					
26	110R0608	•BOLT (6x8)	5					
27	410B0600	•WASHER	5					
28	311752-3381A	•WASHER, spring	5					
29	316670-1432-00	COVER, muffler	1					
30	318155-1443-00	GASKET	1					
31	110R0608	BOLT (6x8)	4					
32	410B0600	WASHER	4					
33	311752-3381A	WASHER, spring	4					
34	182B0820	BOLT (8x20)	1					
35	311R0800A	NUT (8mm)	2					
36	461F0800	WASHER, spring	2					
37	171G0822	STUD	2					
38	316633-1611A	CASE, spiral	1					
39	316666-1631-00	COVER, cylinder head	1					
40	316671-1632-00	COVER, cylinder	1					
41	180B0612	BOLT (6x12)	7					
42	180B0816	BOLT (8x16)	4					

KF82D-X (316633)

Ref.No.	Part No.	Part Name	Quantity					Remarks
			33A					
43	411B0600	WASHER	7					
44	410B0800	WASHER	4					
45	312693-1671-00	PLUG	1					
46	317101-2111-00	VALVE, inlet	1					
47	317101-2112-00	VALVE, exhaust	1					
48	316470-2113B	SPRING, valve	2					
49	316290-2115-00	COLLET, valve	2					
50	316290-2116-00	SEAT, spring	2					
51	316670-2211B	TAPPET	2					
52	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
53	316620-2310B	CAM GEAR ASS'Y	1					
54	316670-5110-00	•GOVERNOR ASS'Y	1					
55	232B0512	•SCREW (5x12)	3					
56	316670-2341-00	SHIM	AR					t=1.05
	316670-2342-00	SHIM	AR					t=1.10
	316670-2343-00	SHIM	AR					t=1.20
	316670-2344-00	SHIM	AR					t=1.30
	316670-2345-00	SHIM	AR					t=1.40
	316670-2346-00	SHIM	AR					t=1.50
	316670-2347-00	SHIM	AR					t=1.60
	316670-2348-00	SHIM	AR					t=1.70
57	316670-1240C	DECOMP ASS'Y	1					
58	316670-1243-00	•SPRING	1					

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Ref.No.	Part No.	Part Name	Quantity					Remarks
			33A					
59	316670-3111-00	PISTON	1					
60	316670-3010-00	PISTON RING SET	1					
61	316670-3121-00	PIN, piston	1					
62	315192-3122-00	RING, snap	2					
63	316625-3210B	CRANK SHAFT ASS'Y	1					
64	316670-3217-00	•GEAR, crank	1					
65	316670-3333-00	•GEAR, balancer	1					
66	510A5100	•KEY	2					
67	316670-3231-00	SHIM	AR					t=1.05
	316670-3232-00	SHIM	AR					t=1.10
	316670-3233-00	SHIM	AR					t=1.20
	316670-3234-00	SHIM	AR					t=1.30
	316670-3235-00	SHIM	AR					t=1.40
	316670-3236-00	SHIM	AR					t=1.50
	316670-3237-00	SHIM	AR					t=1.60
	316670-3238-00	SHIM	AR					t=1.70
68	316670-3240B	CONNECTING ROD ASS'Y	1					
69	317101-3245-00	•BOLT, connecting rod	2					
70	316670-3249-00	ARM, splash	1					
71	316670-3248-00	WASHER, lock	1					
72	316670-3331-00	BALANCER, dynamic	1					
73	316624-3430A	RECOIL STARTER ASS'Y	1					Fig. R-1
74	187B0610	BOLT (6x10)	4					
75	180B0814	BOLT (8x14)	3					
76	316670-4111B	CRANK CASE ASS'Y	1					
77	316602-4231A	SEAL, oil	1					
78	601A6306	BEARING, ball (6306)	1					
79	601A6203	BEARING, ball (6203)	1					
80	601A6202	BEARING, ball (6202)	1					
81	316633-4121A	SIDE BASE	1					
82	316670-4124-00	GASKET	1					
83	601A6306	BEARING, ball (6306)	1					
84	601A6206	BEARING, ball (6206)	1					
85	601A6203	BEARING, ball (6203)	1					
86	551A0814	PIN, dowel	2					
87	120P0838	BOLT, allen	1					
88	316633-4982A	WASHER	1					
89	181G0838	BOLT (8x38)	10					
90	316602-4231A	SEAL, oil	1					
91	316670-5121B	SLEEVE, governor	1					
92	316670-5122-00	TIP, governor	1					
93	316670-5123-00	SHAFT, governor	1					

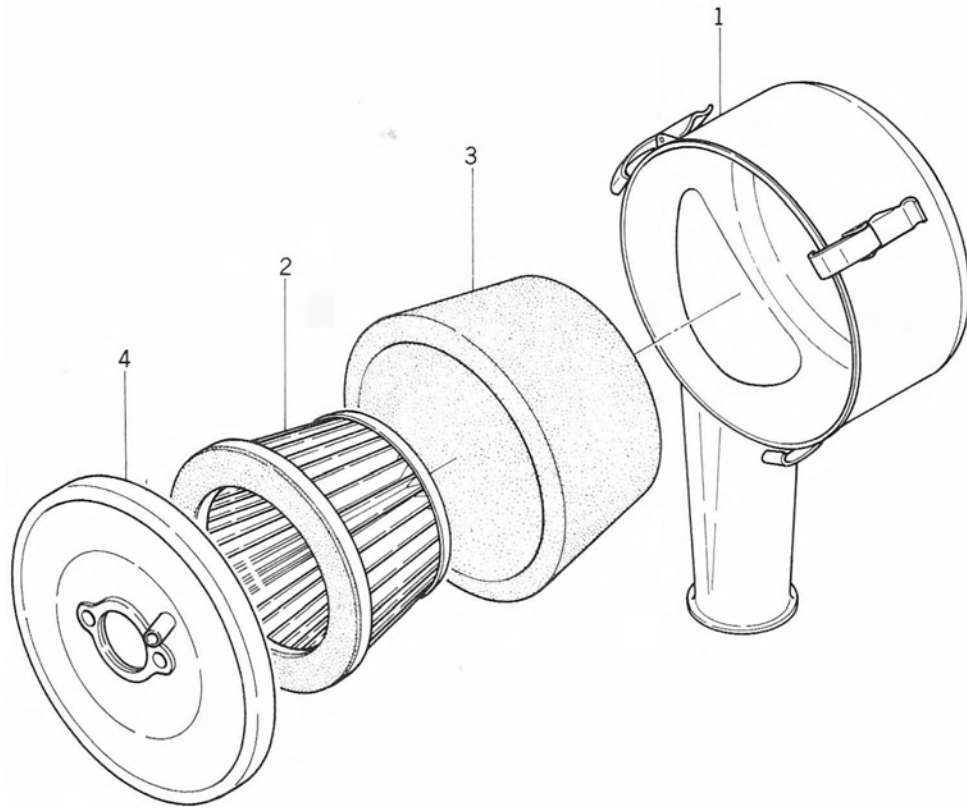
KF82D-X (316633)

Ref.No.	Part No.	Part Name	Quantity					Remarks
			33A					
94	315470-5124A	BOLT, shaft stop	1					
95	315192-1233-00	GASKET	1					
96	232B0408	SCREW (4x8)	2					
97	316670-5211-00	ARM, governor	1					
98	316691-5212A	ARM, governor	1					
99	316670-5231-00	LINK, governor	1					
100	316670-5232B	SPRING, link	1					
101	180B0622	BOLT (6x22)	1					
102	187B0614	BOLT (6x14)	1					
103	316691-5314A	SPRING, governor	1					
104	316612-5331A	PLATE	1					
105	316612-5382A	STUD	1					
106	187B0616	BOLT (6x16)	2					
107	311B0600	NUT (6mm)	2					
108	316670-6100D	CARBURETOR ASS'Y	1					Fig. C-1
109	316670-6181-00	INSULATOR	1					
110	316670-6184A	GASKET	2					
111	171G0630	STUD	2					
112	311B0600	NUT (6mm)	2					
113	462F0600A	WASHER, spring	2					
114	411B0600	WASHER	2					
115	316670-6510C	FILTER ASS'Y	1					Fig. F-1
116	316602-7411A	GAUGE, oil	1					
117	315192-7432-00	O-RING	1					
118	318294-7441-00	PLUG, drain	1					
119	331201-7214-00	GASKET	1					
120	317220-7441-00	PLUG, drain	1					
121	317209-7501A	CHAMBER, float	1					
122	317209-7502A	FLOAT - OIL SENSOR	1					
123	317209-7503A	BRACKET	1					
124	317209-7504C	CONNECTOR, cord	1					
125	316626-7618A	HOLDER	1					
126	317209-8162A	CLAMP	1					
127	317209-8163A	CLAMP	1					
128	214B0306	SCREW (3x6)	4					
129	461F0300	WASHER, spring	4					
130	180B0614	BOLT (6x14)	3					
131	411B0600	WASHER	3					
132	315B1200	NUT (12mm)	1					
133	461F1200A	WASHER, spring	1					
134	317209-8505A	CONTROLLER	1					
135	316620-8111-00	FLYWHEEL	1					

KF82D-X (316633)

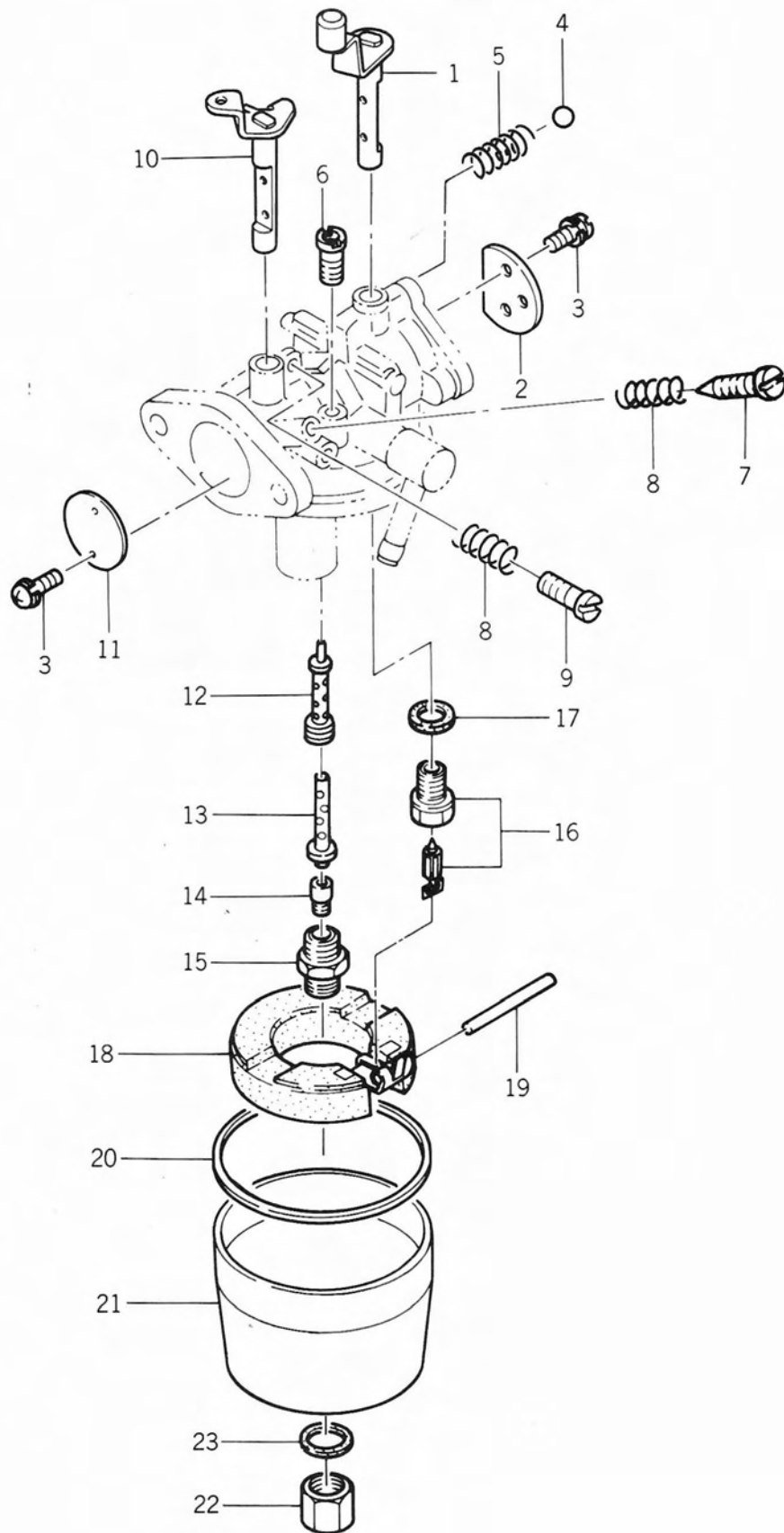
Ref.No.	Part No.	Part Name	Quantity					Remarks
			33A					
136	316602-8105A	COIL, exciting	1					
137	316670-8161-00	CLAMP	1					
138	316612-8164B	GROMMET	1					
139	317294-8164-00	GROMMET	1					
140	317294-8165-00	GROMMET	1					
141	316670-8465C	IGNITER	1					
142	180B0630	BOLT (6x30)	2					
143	180B0612	BOLT (6x12)	1					
144	232B0414A	SCREW (4x14)	2					
145	232B0620	SCREW (6x20)	2					
146	410B0600	WASHER	1					
147	510A5100	KEY	1					
148	316291-3481B	NUT	1					
149	316613-3482A	WASHER	1					
150	312200-8410-00	PLUG, spark (NGK B6HS)	1					
151	317270-8418B	CAP, plug	1					
152	317270-8419A	SPRING	1					
153	316633-8821A	CONNECTOR	1					
154	010A2700	LABEL, mark	1					★★
155	316621-0813A	LABEL, horse power	1					★★
156	315418-0851A	LABEL	1					★★

Fig. A-1 AIR CLEANER



Ref.No.	Part No.	Part Name	Quantity						Remarks
			33A						
	316627-1310A	AIR CLEANER ASS'Y	1						
A-1- 1	3166YG-1316A	•COVER, air cleaner	1						
A-1- 2	316670-1312-00	•ELEMENT -	1						
A-1- 3	316670-1314-00	•ELEMENT	1						
A-1- 4	316627-1311A	•PLATE, air cleaner	1						

Fig. C-1 CARBURETOR

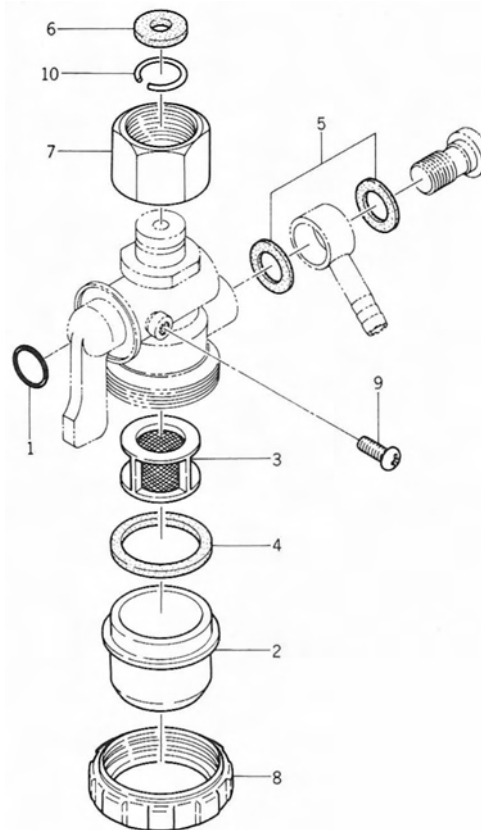


KF82D-X (316633)

Ref.No.	Part No.	Part Name	Quantity					Remarks
			33A					
	316670-6100D	CARBURETOR ASS'Y	1					
C-1- 1	316670-6142A	•SHAFT, choke	1					
C-1- 2	316670-6102A	•VALVE, choke	1					
C-1- 3	314310-6137A	•SCREW	4					
C-1- 4	312740-6104A	•BALL, steel	1					
C-1- 5	312740-6103A	•SPRING	1					
C-1- 6	313650-6112-00	•JET, pilot (#45)	1					
C-1- 7	316470-6114-00	•SCREW, pilot	1					
C-1- 8	313122-6116-00	•SPRING	2					
C-1- 9	313550-6115-10	•SCREW, stop	1					
C-1-10	316670-6139A	•SHAFT, throttle	1					
C-1-11	316670-6101A	•VALVE, throttle (#110)	1					
C-1-12	316690-6129A	•NOZZLE, main	1					
C-1-13	313650-6106-00	•PIPE, bleed	1					
C-1-14	317192-6132-00	•JET, main (#92.5)	1					
C-1-15	316670-6143-02	•HOLDER, main jet	1					
C-1-16	316670-6120A	•NEEDLE VALVE ASS'Y	1					
C-1-17	317101-6119-00	•GASKET	1					
C-1-18	316670-6126A	•FLOAT	1					
C-1-19	317101-6127-00	•PIN, float	1					
C-1-20	317101-6128-00	•GASKET	1					
C-1-21	316670-6130A	•CHAMBER, float	1					
C-1-22	316671-6133-00	•NUT	1					
C-1-23	313122-6118-00	•GASKET	1					

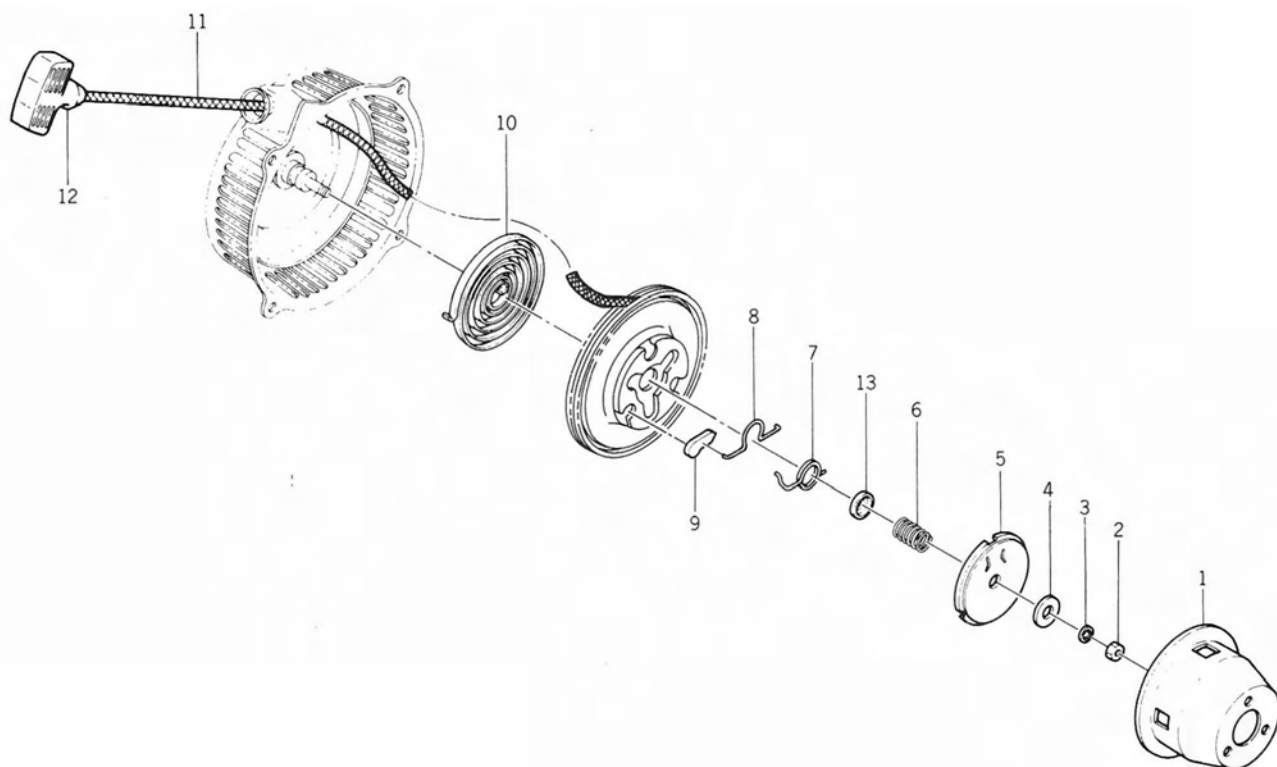
KF82D-X (316633)

Fig. F-1 FILTER



Ref.No.	Part No.	Part Name	Quantity						Remarks
			33A						
	316670-6510C	FILTER ASS'Y	1						
F-1- 1	312401-6512-00	•O-RING	1						
F-1- 2	318250-6521-00	•POT, filter	1						
F-1- 3	317270-6519B	•STRAINER	1						
F-1- 4	317270-6518B	•GASKET	1						
F-1- 5	318290-6524-00	•GASKET	2						
F-1- 6	317270-6514-00	•GASKET	1						
F-1- 7	317270-6527B	•NUT	1						
F-1- 8	318292-6515-00	•NUT, ring	1						
F-1- 9	313650-6517-00	•SCREW	1						
F-1-10	317270-6516B	•RING, snap	1						

Fig. R-1 RECOIL STARTER



Ref.No.	Part No.	Part Name	Quantity						Remarks
			33A						
	316624-3430A	RECOIL STARTER ASS'Y	1						
R-1- 1	316670-3432-00	●PULLEY	1						
R-1- 2	316420-3443-00	●NUT	1						
R-1- 3	316420-3451-00	●WASHER, spring	1						
R-1- 4	316420-3442-00	●WASHER	1						
R-1- 5	318901-3449-00	●RETAINER, cover	1						
R-1- 6	318901-3446-00	●SPRING	1						
R-1- 7	318863-3448-00	●SPRING, return	1						
R-1- 8	316670-3444-00	●SPRING, return	3						
R-1- 9	318901-3445-00	●PAWL, recoil	3						
R-1-10	316420-3452-00	●SPRING, recoil	1						
R-1-11	316670-3453-00	●ROPE (6x1720)	1						
R-1-12	312211-3454-00	●HANDLE, recoil starter	1						
R-1-13	316420-3457-00	●WASHER	1						