

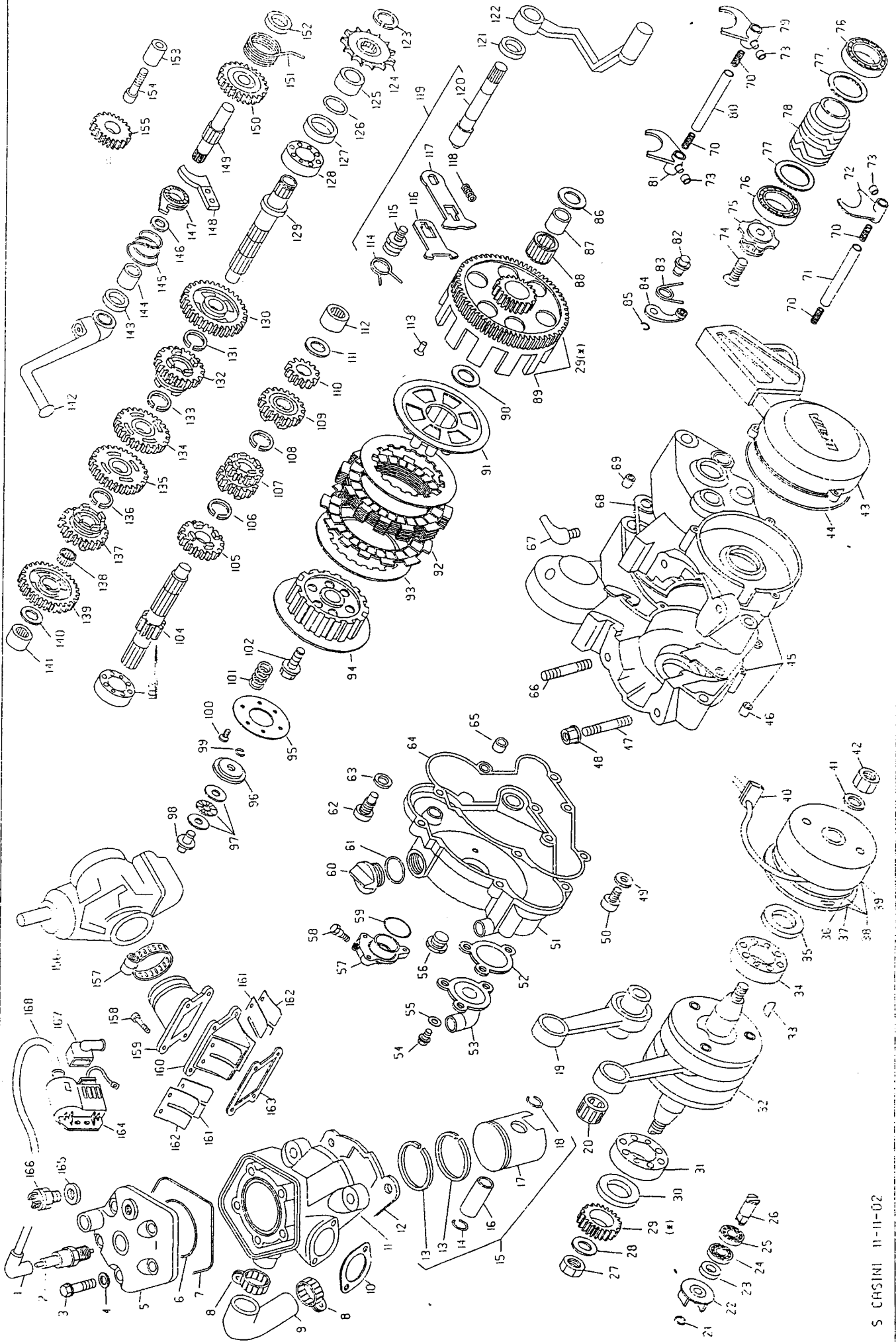


ENGINE REV 80

CODE 37-42860

FROM ENGINE N.R. 300001

ES-M0230





ENGINE REV-80

CODE 37-42860

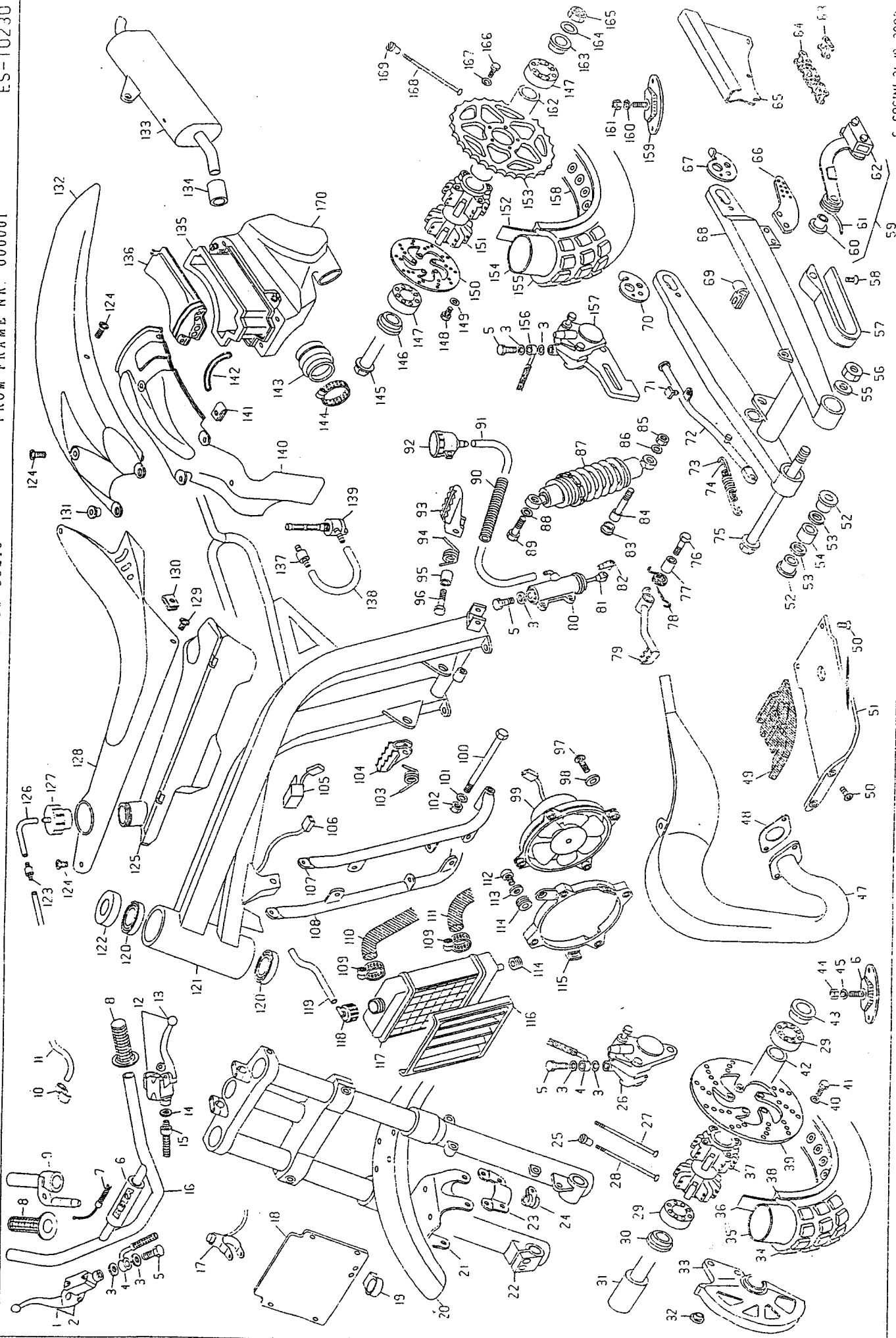
FROM ENGINE NR. 300001

ES-ME230

N	CODE	DESCRIPTION	N	CODE	DESCRIPTION	N	CODE	DESCRIPTION
1	27-13513	SPARK PLUG PROTECTOR	60	29-09600	FEEDING OIL PLUG	119	10-12010-0	SELECTOR SHAFT ASST
2	12-25120	SPARK PLUG	61	10-66340	SEAL 16x3	120	10-12010	SELECTOR SHAFT
3	11-52425	SPECIAL BOLT	62	31-08050	SCREW	121	10-47500	OIL SEAL 12x20x5
4	27-45100	COPPER WASHER 7x12x0.5	63	16-49100	GASKET 8x12x0.5	122	21-21220	SHIFT LEVER
5	29-12025-0-57	CYLINDER HEAD	64	16-71520	CLUTCH COVER GASKET	123	28-25410	SEEGER AS 20E
6	10-67110	SEAL VTYON 53 70x57 26x1.78	65	16-37010	DOMEL 9x15	124	25-61050	SPROCKET Z 10
7	10-66860	SEAL 94 97x98 53x1.78	66	25-96050	STUD BOLT 8x44	125	13-55250	SPROCKET SPACER
8	15-15230	CLAMP 14/24	67	27-23470	BREATHER PIPE HOSE	126	10-66350	SEAL 18 77x1.78
9	29-15910	COOLING HOSE	68	16-55030	CRANKCASE GASKET	127	10-64700	OIL SEAL 26x35x7
10	16-80321	GASKET	69	16-41530	DOMEL 17	128	12-98000	BALL BEARING 20x42x12
11	12-52162-0-57	CYLINDER	70	22-65015	SPRING	129	10-28051-0	LAYSHAFT
12	16-61750	CYLINDER CRANKCASE GASKET	71	25-51011	SELECTOR PIN	130	18-52030-0	2ND GEAR - LAYSHAFT
13	28-60180	PISTON RING	72	15-64031	SELECTOR FORK 5-6	131	28-25410	SEEGER AS 20E
14	10-42010	CLIP	73	11-29035	SELECTOR FORK BUSH	132	18-67141-0	6TH GEAR - LAYSHAFT
15	25-80270-8	COMPL PISTON	74	31-30510	SCREW 6x30	133	28-25410	SEEGER AS 20E
16	28-93620	PISTON PIN	75	12-19122	TOP CRH	134	18-61500-0	3RD GEAR - LAYSHAFT
17	25-80270	PISTON	76	12-99405	BALL BEARING 25x37x7	135	18-64100-0	4TH GEAR - LAYSHAFT
18	10-42010	CLIP	77	27-73695	SPECIAL WASHER	136	28-25410	SEEGER AS 20E
19	11-03713-8	CONNECTING ROD ASST	78	12-19113	CAM	137	18-66441-0	5TH GEAR - LAYSHAFT
20	16-11500	NEEDLE BEARING	79	15-64012	SELECTOR FORK 1-4	138	16-12650	NEEDLE BEARING
21	28-22660	SEEGER 9E	80	25-51021	SELECTOR PIN	139	18-43023-8	1ST GEAR - LAYSHAFT
22	31-21031	PUMP FAN	81	15-64011	SELECTOR FORK 2-3	140	27-60500	WASHER 11x25x1
23	10-44610	OIL SEAL 10x18x4	82	25-54430	PIN	141	11-22250	NEEDLE BEARING 12-19-12
24	12-93400	SCH BALL BEARING 10x19x5	83	22-39580	LOCATING SPRING	142	21-55153	KICKSTARTER LEVER
25	12-93390	BALL BEARING 10x19x5	84	21-17150	LOCATING LEVER	143	10-52010	OIL SEAL 14x24x7
26	10-27750	WATER PUMP SHAFT	85	28-22700	SEEGER 10E	144	11-31020	SINTERED BUSH
27	13-28951	SPECIAL NUT 11x1 25x5	86	27-71100	SPECIAL WASHER 17x30x1.5	145	22-36570	CONICAL SPRING
28	27-61550	WASHER 14x20x1	87	11-27120	STEEL BUSH	146	27-61550	WASHER 14x20x1
29	29-07302-8	PRIMARY DRIVE	88	16-17280	NEEDLE BEARING 21 25 17	147	22-14090-8	KICKSTARTER SLEEVE
30	10-64110	OIL SEAL VTYON 20x35x6	89	12-20770	CLUTCH HOUSING	148	25-57945	KICKSTARTER PLATE
31	12-99022	BALL BEARING 20x52x15	90	27-71100	SPECIAL WASHER 17x30x1.5	149	10-15120-8	STARTER SHAFT
32	10-00681	CRANKSHAFT	91	12-29590	PRESSURE PLATE	150	18-14620-8	STARTER GEAR
33	12-46000	WOODRUFF KEY	92	13-43210	STEEL CLUTCH PLATE	151	22-78250	KICKSTARTER SPRING
34	12-99022	BALL BEARING 20x52x15	93	13-36130	CLUTCH PLATE	152	13-48080	SPACER
35	10-64110	OIL SEAL VTYON 20x35x6	94	29-09610	CLUTCH CENTER	153	25-43910	DRIVE GEAR PIN
36	25-60165	STARTER PLATE	95	13-42050	SPRINGS BLOCKING PLATE	154	31-31050	SCREW 6x15
37	28-97807	FLYWHEEL STATOR	96	20-16821	CLUTCH DRIVE PIN HOLDER	155	18-67810-8	GEAR
38	31-03267	ELECTRIC FLYWHEEL	97	16-11250	NEEDLE BEARING 6x19x2	156	12-05063	CARBURETOR
39	27-00362	FLYWHEEL ROTOR	98	25-52991	CLUTCH DRIVE PIN	157	15-15370	CLAMP
40	16-33560	GROMMET	99	28-22610	SEEGER 6E	158	31-34510	SCREW 6x20
41	27-52500	SPECIAL WASHER	100	31-34400	SCREW 6x20	159	27-23051	INLET MANIFOLD
42	13-25100	SPECIAL NUT	101	22-65093	CLUTCH SPRING	160	31-02140	REED VALVE
43	12-70090-0-57	MAGNETO COVER	102	11-59150	SPECIAL BOLT	161	25-59670	VALVE'S BLADE
44	10-67300	SEAL 120 37x1.78	103	12-95500	BALL BEARING 17x40x9	162	21-15360	VALVE'S PLATE
45	12-06228-0-33	CRANKCASE	104	10-23520-8	LAYSHAFT	163	16-92550	VALVE'S GASKET
46	16-41510	DOMEL 12	105	18-38411-8	SND GEAR - LAYSHAFT	164	11-20638	H T COIL
47	25-98050	STUD BOLT 8x41	106	20-24950	SEEGER 17 SH	165	16-49500	GASKET 8x20x1
48	13-17121	SPECIAL NUT M8	107	18-37651-8	3RD/4TH GEAR - MAINSHAFT	166	29-11960	THERMOSTAT
49	16-50511	COPPER WASHER 10x15x2	108	28-24950	SEEGER 17 SH	167	12-30460	H T COIL RUBBER
50	11-58020	SPECIAL BOLT	109	18-38741-8	6TH GEAR - MAINSHAFT	168	12-08280	COIL SCREENED CABLE
51	12-62098-0-33	CLUTCH COVER	110	18-34110-0	2ND GEAR - MAINSHAFT			
52	16-74930	GASKET	111	27-60500	SPECIAL WASHER			
53	12-67841-0-33	PUMP COVER	112	11-22250	NEEDLE BEARING 12x19x12			
54	31-30510	SPECIAL BOLT	113	27-31640	RIVET 5x9			
55	27-40490	COPPER WASHER 6x10	114	22-72031	SELECTOR SPRING			
56	29-10030	WARNING OIL PLUG	115	25-54410	PIN FOR RETURNING SPRING			
57	12-91895-0-33	CLUTCH PUMP COVER	116	31-20380-8	ROLLING SHIFT CONTR FORK			
58	31-83530	SPECIAL SCREW	117	31-20970-8	SHIFT CONTROL FORK			
59	10-66750	OIL SEAL	118	22-68010	SHIFT CONTROL SPRING			

SUPPLEMENTARY PARTS LIST

12-00685-8	GEARBOX
22-05070-8	COMPLETE KICKSTARTER
28-08070-8	COMPLETE GASKET SET





FRAME

REV-80-03

CODE 38-35210

FROM FRAME NR. 000001

ES-TE230

N	CODICE	DESCRIZIONE
1	21-27050	FRONT BRAKE LEVER ONLY
2	21-02151	FRONT BRAKE LEVER
3	16-50510	COPPER WASHER 10x15x1
4	29-09124	FRONT BRAKE HOSE
5	11-65041	SPEC BOLT BRAKE TUBE
6	16-23593-0-63	HEADLEVER RUBBER
7	29-21977-0-52	THRUSTLE CABLE
8	22-18531	GRIPS
9	12-55091	THRUSTLE ONLY
10	28-98600	BEATHER PIPE BRACKET
11	29-15811	TUBE 5x9
12	21-02421	CLUTCH LEVER
13	21-27081	CLUTCH LEVER ONLY
14	16-50510	COPPER WASHER
15	29-09094	CLUTCH TRANSMISSION
16	22-20455-0-33	HANDLEBAR
17	18-84983	SWITCH
18	22-20852-8-18	HEADLIGHT MASK ASSY
19	25-25220	PLATE
20	25-15190-0-63	FRONT FENDER
21	20-98270	FRONT FENDER BRACKET
22	15-08134	FRONT FORK
23	20-95653	FRONT FORK BRACKET
24	15-14600	CLAMP
25	23-10060	NIPPLES
26	25-03047	FRONT BRACKE PLIERS
27	27-23833	FRONT SPOKE 3x250
28	27-23834	FRONT SPOKE 3x252
29	12-94010	WALL BEARING 15x35x11
30	13-85766	WHEEL HUB RH SPACER
31	25-55693	FRONT WHEEL AXLE
32	13-55240	FRONT DISK COVER SPACER
33	12-88071-1-18	DISK BRAKE COVER SPACER
34	12-79400	TIRE 2,75x21
35	12-16410	TUBE 2,75x21
36	15-38200	FLAP 21x25
37	22-07243	FRONT HUB
38	12-42864	FRONT RIM 21
39	13-39278	FRONT BRAKE DISK
40	11-49010	WASHER 8 CROMER
41	27-39400	BOLT 8x8
42	13-62704	WHEEL HUB INNER SPACER
43	13-85765	WHEEL HUB LH SPACER
44	13-17000	NUT
45	27-48000	WASHER 8 CROMER
46	15-17500	TIRE FASTENER
47	22-03344	MUFFLER
48	16-80321	COPPER
49	16-23340	BUMPER RUBBER
50	31-63930	SCREEN 8x20
51	12-32172	BUMPER
52	13-49201	SPACER
53	10-41195	DUST COVER RING
54	11-26451	AXLE BOX
55	27-55600	WASHER

N	CODICE	DESCRIZIONE
56	13-21150	NUT
57	29-10090-0-52	SLIDING BLOCK
58	31-30500	SCREW 6x12
59	25-25970	SLIDING BLOCK ASSY
60	13-46314	SPACER
61	22-81111	SPRING
62	16-22500	RUBBER SLIDING BLOCK
63	22-11180	CONNECTION LINK
64	12-08050	CHAIN
65	12-84771-0-52	CHAINGUARD
66	25-98955	SPROCKET PROTECTION
67	29-11891	LH CHAIN ADJUSTER
68	15-49632	SHINGING ARM
69	15-14653	CLAMP
70	29-11892	RH CHAIN ADJUSTER
71	16-29490	RUBBER STANO
72	12-39972	STAND
73	22-47022	STAND SPRING
74	22-47019	STAND SPRING
75	25-55725	S/ARM SPINDLE
76	11-55450	BOLT 8x30
77	13-46313	SPACER BRAKE LEVER
78	22-80510	SPRING BRAKE LEVER
79	25-28092	BRAKE LEVER
80	25-91182	REAR BRAKE PUMP
81	10-84093	REAR BRAKE ROD
82	20-93130	BRAKE ROD LOCKING PLATE
83	29-10593	RUBBER PLUG
84	31-65510	SCREW 10x55
85	13-19010	NUT
86	27-54000	WASHER
87	10-03722	SHOCK ABSORBER
88	27-54000	SELF-BLOCKING NUT
89	11-63000	BOLT 10x50
90	22-55535	SPRING
91	29-15862	TUBE 3x8
92	20-05100	BRAKE OIL TANK
93	25-32530	LH FOOTREST
94	22-62020	LH FOOTREST SPRING
95	13-46530	SPACER
96	11-55700	BOLT 8x45
97	31-27510	SCREW 4x20
98	27-34500	WASHER
99	14-01040	ELECTRIC FAN
100	11-57990	BOLT 8x180
101	27-49500	WASHER 8x18
102	13-17020	NUT 8 SELF-BLOCKING
103	22-62010	FOOTREST SPRING
104	25-32520	RH FOOTREST
105	27-28092	REGULATOR
106	18-01851	ELECTRIC EQUIPMENT
107	29-11555-0-33	LH CONNECTING FRAME ROD
108	29-11554-0-33	RH CONNECTING FRAME ROD
109	15-15230	CLAMP 14-24
110	29-15736	RADIATOR PIPE

N	CODICE	DESCRIZIONE
111	29-15735	RADIATOR PIPE
112	11-46100	BOLT 5x8
113	27-36000	WASHER
114	28-91500	SILENT BLOCK
115	28-90012-0-59	ELECTRIC FAN BRACKET
116	16-45538-0-18	RADIATOR GRILL
117	27-23641	RADIATOR
118	29-01821	RADIATOR PLUG
119	29-15811	PIPE 5x9
120	12-98300	CONICAL BEARING 20x42x15
121	29-11556-0-33	FRAME
122	25-98670	PROTECTION BEARING
123	31-02170	TANK VALVE
124	31-30520	FUEL TANK
125	28-06071	PIPE 5x9
126	29-15811	PIPE 5x9
127	29-00525-0-59	FUEL TANK PLUG
128	12-88517-8-18	FUEL TANK COVER ASSY
129	31-30520	SCREW 6x16
130	25-60310	PLATE FIXING M6
131	13-62000	SPACER
132	25-19582-8-18	REAR FENDER ASSY
133	28-91779	SILENCER
134	22-12120	RUBBER SLEEVE
135	15-25205	AIR FILTER
136	12-73181	FILTER COVER
137	15-24651	GASOLINE FILTER
138	29-15811	PIPE 5x9
139	27-01082	PETCOCK
140	25-24655-0-59	WHEEL HOUSE
141	25-60310	PLATE FIXING M6
142	14-40040	ELECTIC RUBBER
143	22-13576	RUBBER SLEEVE
144	15-15360	CLAMP 25-45
145	25-55815	REAR WHEEL AXLE
146	13-85767	WHEEL HUB RH SPACER
147	12-94010	BALL BEARING 15x35x11
148	11-49010	BOLT 8x20
149	27-39400	WASHER
150	13-39414	REAR BRAKE DISK
151	22-08042	REAR HUB
152	15-38000	CLAMP 17-18x25
153	12-89587	REAR SPROCKET
154	12-18460	TUBE 4,00x18
155	12-01520	TIRE 4,00x18
156	29-09125	REAR BRAKE HOSE
157	25-03033	REAR BRAKE PLIERS
158	12-42866	REAR RIM 18
159	15-17550	TIRE FASTENER
160	27-48000	WASHER 8 CROMER
161	13-17000	NUT 8x8
162	13-62714	INNER REAR HUB SPACER
163	13-85769	WHEEL HUB LH SPACER
164	27-55600	WASHER 8x24
165	13-21150	NUT 12x1,25

N	CODICE	DESCRIZIONE
166	11-50600	BOLT 7x25
167	27-46500	WASHER 7x14
168	27-23835	REAR SPOKE 3x214
169	23-10060	NIPPLES
170	28-12692	AIR FILTER BOX

SUPPLEMENTARY PARTS LIST		
12-43060	SPARK KEY	
13-33814-1	FRONT FENDER DECALCS	
13-34060-8-18	DECALCS SET -ASSY-	
13-34050-3-18	REAR FENDER DECALCS	
13-34050-4-18	FUEL TANK COVER DECALC	
13-34060-5-18	HEADLIGHT MASK DECALC	
27-02556-0-57	COMPLETELY DECALCS	
27-04824-0-57	FRONT WHEEL	
37-42860	REAR WHEEL	
	ENGINE	