



ENGINE

REV-50

2003

CODE 37-42802

FROM ENGINE NR. 000262

ES-ME311

N	CODE	DESCRIPTION	N	CODE	DESCRIPTION	N	CODE	DESCRIPTION	N	CODE	DESCRIPTION
1	25-97930	STUD	56	31-55510	SCREW 6x45	111	18-13000-8	STARTER GEAR	166	27-78560	WASHER
2	13-22640	NUT #7	57	31-30490-0-51	SCREW 6x8	112	22-14000-8	KICKSTARTER SLEEVE	167	22-68000	SPRING
3	10-66160	O-RING 6,07x9,63x1,78	58	16-47500	GASKET 6x12x1,5	113	22-37000	CONICAL SPRING	168	27-60000	SPACER WASHER 10x22
4	27-13551	SPARK PLUG CAP	59	31-48510	SCREW 6x35	114	28-25300	SEEGER 18E	169	28-22750	SEEGER 12E
5	12-25130	SPARKING PLUG	60	11-31050	SINTERED BUSH	115	27-73500	SPACER WASHER 18x30x1	170	27-60000	SPACER WASHER 10x22
6	29-12161-0-58	CTL INDERHEAD	61	16-37010	DOREL 9x15	116	22-78000	SPRING	171	10-48000	OIL SEAL 12x22x5
7	10-66960	O-RING 94,97x98,53x1,78	62	31-83500	SPECIAL SCREW 10x1x13	117	31-38010	SCREW 6x25	172	28-91500	SILENT BLOCK
8	10-66940	O-RING 50,52x54,08x1,78	63	13-24000	SPECIAL NUT 10x1x4	118	13-11500	NUT 6x3,5	173	16-33550	GROMMET
9	12-52510-0-57	CTL INDER	64	28-28700	SPECIAL SEEGER	119	10-15020-8	KICKSTARTER SHAFT	174	29-11960	THERMOSTAT
10	16-80000	EXHAUST GASKET	65	28-16800	SPRING RETAINER	120	27-67500	SPACER WASHER 16x25	175	16-49500	CASKET 8x20x1 COPPER
11	15-15230	HOSE CLAMP 14-24	66	25-64000	SPRING	121	10-58000	OIL SEAL 16	176	13-34050-2	CLUTCH COVER DECALC
12	22-13560	HOSE	67	12-42030	SPRING HOLDER DISK	122	13-49070	SPACER 16x24x8,5	177	28-22650	SEEGER 8E
13	15-15230	HOSE	68	12-30030	PRESSURE PLATE	123	31-38010	KICKSTARTER LEVER			
14	15-15230	HOSE CLAMP 14-24	69	13-37030	STEEL PLATE	124	31-38010	SCREW 6x25			
15	12-91950-0-58	WATER PUMP COVER	70	13-43010	LINING DISK	125	16-12000	NEEDLE BEARING 13x19x12			
16	16-17500	GASKET 6x12x1,5	71	29-10110	CLUTCH CENTER	126	27-61500	SPACER WASHER 13x22			
17	31-30490-0-51	SCREW 6x8	72	28-09000	BALL 5/32	127	18-43000-8	1ST GEAR - LAYSHAFT			
18	16-76850	WATER PUMP GASKET	73	29-07820-8	PRIMARY DRIVE	128	28-21050-8	SLIDING GEAR			
19	28-22660	SEEGER 9E	74	29-07820-8	PRIMARY DRIVE ASSY	129	28-30400	SEEGER			
20	31-21810	WATER PUMP WHEEL	75	27-25500	WASHER 21x32x2	130	18-52000-8	2ND GEAR - LAYSHAFT			
21	10-44520	SEAL RING 10x10x5/8	76	12-20530	CLUTCH HOUSING	131	10-58020-8	3RD GEAR - LAYSHAFT			
22	11-22100	NEEDLE BEARING 10x14x10	77	27-64500	SPACER WASHER 15x25	132	10-28000-8	LAYSHAFT			
23	27-58500	SPACER WASHER 10x17	78	11-65500	SPECIAL BOLT	133	28-30400	SEEGER			
24	10-27410	WATER PUMP GEAR	79	16-52000	GASKET 12x15x1,5	134	28-21920-8	SLIDING GEAR			
25	27-58500	SPACER WASHER 10x17	80	16-55020	CRANKCASE GASKET	135	18-64010-8	4TH GEAR - LAYSHAFT			
26	11-22100	NEEDLE BEARING 10x14x10	81	11-52500	BOLT 8x10	136	27-64500	SEEGER 15E			
27	16-61540	CLUTCH BUSH GASKET	82	16-49000	GASKET 8x14x1,5	137	28-23600	SEEGER 15E			
28	16-11500	NEEDLE BEARING 12x15x15	83	16-40010	WHEEL 10x30	138	27-64500	SPACER WASHER 15x25			
29	28-93600	PISTON PIN 12x31,5	84	12-06270-0-58	CRANKCASE	139	12-94000	BALL BEARING 15x35x11			
30	25-80280	PISTON	85	29-10300	OIL PLUG	140	10-54000	OIL SEAL 15x24x5			
31	10-42010	C/RACLP	86	11-20637	ELECTRONIC H T COIL	141	25-61113	SPACROCKET			
32	25-60170	PISTON RING	87	31-73000	SPECIAL SCREW 4x8	142	27-55000	HASHER 12			
33	25-80280-8	PISTON COMPL	88	12-70060-0-58	MAGNETO COVER	143	13-27000	SPECIAL NUT 12x1,25x6			
34	31-02120	NEED VALVE	89	31-45000	SCREW 6x30	144	21-21200	SHIFT LEVER			
35	16-32550	VALVE GASKET	90	31-03083	ELECTRIC FLYWELL	145	11-49510	BOLT 6x25			
36	16-83530	GASKET	91			146	22-72000	SPRING			
37	31-38010	SCREW 6x25	92			147	28-15950	SPRING RETAINER			
38	27-23051	INLET AIR/FOLD	93	25-02460	CLUTCH PIN WITH LEVER	148	28-24900	SEEGER 16x1E			
39	15-15370	CLAMP 48-68	94	31-87000	SPECIAL SCREW	149	25-45200	PIN FOR RETURNING SPRING			
40	12-05062	CARBURETOR	95	22-76000	SPRING	150	15-64000	SHIFT FORK			
41			96	23-10010	ATCHUET	151	25-52410	SHIFT FORK			
42			97	27-27000	CLUTCH ADJUSTER WITH NUT	152	15-64000	SHIFT RAIL			
43	13-25000	SPECIAL NUT 10x1,25x13	98	16-49250	GASKET 8x14x1,5	153	27-73500	SPACER WASHER 18x30x1			
44	27-52500	WASHER 10	99	10-50000	OIL SEAL 13	154	13-13020	SELF-BLOCKING NUT 6			
45	10-62020	SEAL RING 17x35x8	100	16-12000	NEEDLE BEARING 13x16x12	155	25-51600	SHIFT RAIL			
46	12-96000	BALL BEARING 17x40x12	101	10-88250	CLUTCH ROD	156	25-55200	PIN			
47	12-46000	HOODRAFF KEY 3x3,7x9,7	102	27-61500	SPACER WASHER 13x22	157	22-39560	SPRING			
48	11-04010-0	CONNECTING ROD ASSY	103	10-20050-8	MAIN SHAFT	158	27-58500	SPACER WASHER 10x17			
49	10-00650	CRANKSHAFT	104	31-46510	SCREW 6x35	159	21-03030-8	LOCKING LEVER COMPL			
50	12-96000	BALL BEARING 17x40x12	105	12-94000	BALL BEARING 15x35x11	160	12-19070	CAM			
51	10-62020	SEAL RING 17x35x8	106	28-87650	BALL 3/16	161	27-58500	SPACER WASHER 10x17			
52	31-29910	SCREW 5x12	107	27-60000	SPACER WASHER 12x22	162	27-67500	SPACER WASHER 16x25			
53	13-23000	SPECIAL NUT 9x1x13	108	13-21140	SELF-BLOCKING NUT 12x1,25	163	31-20500	SHIFT CONTROL FORK			
54	16-71510	CLUTCH COVER GASKET	109	25-60400	SPECIAL ROD	164	10-12000	SELECTOR SHAFT			
55	12-62081-8-58	CLUTCH COVER COMPL	110	27-60000	SPACER WASHER 12x22	165	10-00300-8	SELECTOR SHAFT COMPL			

SUPPLEMENTARY PARTS LIST

- 12-00640 GEARBOX
- 28-06680-8 OIL SEAL
- 28-07980-8 GASKET SET COMPL

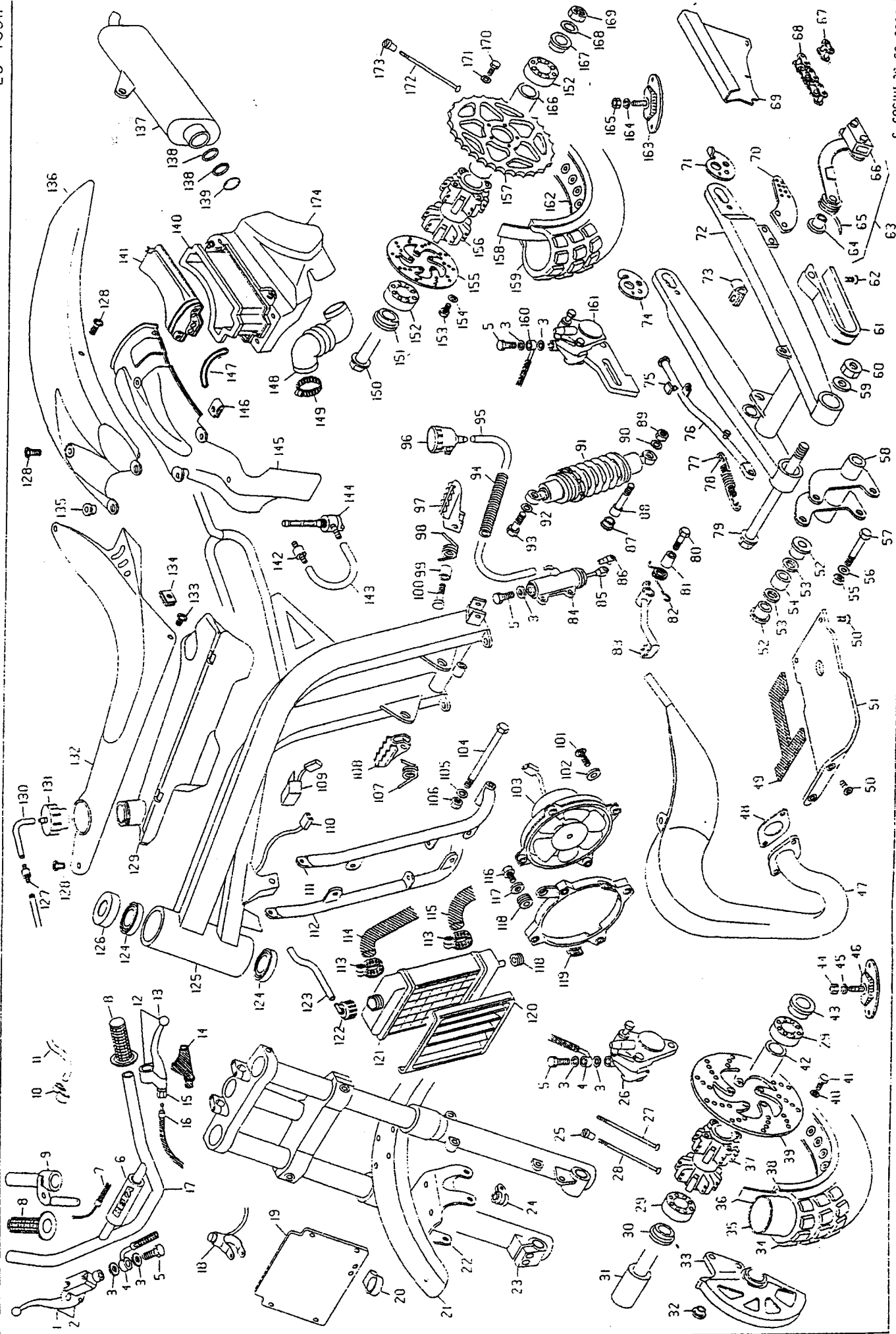
Beta

FRAME REV-50-03

CODE 38-35070

FROM FRAME NR. 000428

ES-T0311





FRAME

REV-50-03

CODE 38-35070

FROM FRAME NR. 000420

ES-TE311

N	CODICE	DESCRIZIONE	N	CODICE	DESCRIZIONE	N	CODICE	DESCRIZIONE
1	21-27058	FRONT BRAKE LEVER ONLY	56	27-49500	WASHER	111	29-11553-0-33	LH CONNECTING FRAME ROD
2	21-02151	FRONT BRAKE LEVER	57	11-55800	BOLT 8x50	112	29-11552-0-33	RH CONNECTING FRAME ROD
3	16-50510	COPPER WASHER 10x15x1	58	28-98529-0-33	ENGINE BRACKET	113	15-15230	CLAMP 14x24
4	29-09118	FRONT BRAKE HOSE	59	27-55600	WASHER	114	29-15733	RADIATOR PIPE
5	11-65041	SPEC. BOLT BRAKE TUBE	60	13-21150	NUT	115	29-15734	RADIATOR PIPE
6	16-23593-0-63	HEADLEBAR RUBBER	61	29-10090-0-52	SLIDING BLOCK	116	11-46100	BOLT 15x8
7	29-21976-0-52	THROTTLE CABLE	62	31-30500	SCREW 6x12	117	27-36000	WASHER
8	22-18531	GRIPS	63	25-25970	SLIDING BLOCK ASSY	118	28-91500	SILENT BLOCK
9	12-55091	THROTTLE ONLY	64	13-46314	SPACER	119	28-98012-0-59	ELECTRIC FAN BRACKET
10	28-98600	BEATHER PIPE BRACKET	65	22-81111	SPRING	120	16-45538-0-18	RADIATOR GRILL
11	29-15811	TUBE 5x9	66	16-22500	RUBBER SLIDING BLOCK	121	27-23641	RADIATOR PLUG
12	21-02391	CLUTCH LEVER	67	22-11180	CONNECTION LINK	122	29-15811	PIPE 5x9
13	21-27055	CLUTCH LEVER ONLY	68	12-08030	CHAIN	123	29-15811	PIPE 5x9
14	16-33840	GROMMET	69	12-84771-0-52	CHAINGUARD	124	12-98300	CONICAL BEARING 20x42x15
15	27-26060	TRANSMISSION ADJUSTER	70	25-98955	SPROCKET PROTECTION	125	29-11551-0-33	FRAME
16	29-14761	CLUTCH TRANSMISSION	71	29-11891	LH CHAIN ADJUSTER	126	25-98670	PROTECTION BEARING
17	22-20454-0-33	HANDLEBAR	72	15-49631	SHINGING ARM	127	31-02170	TANK VALVE
18	18-84983	SWITCH	73	15-14300	CLAMP	128	31-30520	SCREW 6x16
19	22-28852-0-18	HEADLIGHT MASK ASSY	74	29-11892	RH CHAIN ADJUSTER	129	28-06071	FUEL TANK
20	25-25220	PLATE	75	16-29490	RUBBER STAND	130	29-15811	PIPE 5x9
21	25-15194-0-63	FRONT FENDER	76	12-39971	STAND	131	29-00525-0-59	FUEL TANK PLUG
22	28-98276	FRONT FENDER BRACKET	77	22-47022	STAND SPRING	132	12-88517-0-18	FUEL TANK COVER ASSY
23	15-08133	FRONT FORK	78	22-47019	STAND SPRING	133	31-30520	SCREW 6x16
24	15-14600	CLAMP	79	25-55725	S/ARM SPINDLE	134	25-60310	PLATE FIXING M6
25	23-10060	NIPPLES	80	11-55450	BOLT 8x30	135	13-62000	SPACER
26	25-03041	FRONT BRACKE PLIERS	81	13-46313	SPRING BRAKE LEVER	136	25-19582-0-18	REAR FENDER ASSY
27	27-23830	FRONT SPOKE 3x224	82	22-00510	SPRING BRAKE LEVER	137	28-91778	SILENCER
28	27-23832	FRONT SPOKE 3x226	83	25-28092	BRAKE LEVER	138	10-41195	OIL SEAL
29	12-94010	BALL BEARING 15x35x11	84	25-91181	REAR BRAKE PUMP	139	28-25505	SEEGER 261
30	13-85766	WHEEL HUB RH SPACER	85	10-84091	REAR BRAKE ROD	140	15-25205	AIR FILTER
31	25-55693	FRONT WHEEL AXLE	86	28-93130	BREAKE ROD LOCKING PLATE	141	12-73181	FILTER COVER
32	13-55240	FRONT DISK COVER SPACER	87	29-10593	RUBBER PLUG	142	15-24651	GASOLINE FILTER
33	12-88071-1-18	DISK BRAKE COVER SPACER	88	31-65510	SCREW 10x55	143	29-15811	PIPE 5x9
34	12-79050	TIRE 2,50x19 C186 4PR	89	13-19010	NUT	144	27-91082	PETCOCK
35	12-16053	TUBE 2,50x19 TR6	90	27-54000	WASHER	145	25-24655-0-59	WHEEL HOUSE
36	15-36010	FLAP 19	91	10-03721	SHOCK ABSORBER	146	25-60310	PLATE FIXING M6
37	22-07243	FRONT HUB	92	27-54000	SELF-BLOCKING NUT	147	14-40040	ELECTRIC RUBBER
38	12-42863	FRONT RIM 2,50x19	93	11-63000	BOLT 10x50	148	22-13575	RUBBER SLEEVE
39	13-39276	FRONT BRAKE DISK	94	22-55535	SPRING	149	15-15360	CLAMP 25-45
40	11-49010	WASHER 8 GROMMET	95	29-15862	TUBE 3x8	150	25-55815	REAR WHEEL AXLE
41	27-39400	BOLT 8x8	96	28-05100	BRAKE OIL TANK	151	13-85767	WHEEL HUB RH SPACER
42	13-62704	WHEEL HUB INNER SPACER	97	25-32530	LH FOOTREST	152	12-94010	BALL BEARING 15x35x11
43	13-85765	WHEEL HUB LH SPACER	98	22-62020	LH FOOTREST SPRING	153	11-49010	BOLT 6x20
44	13-17000	NUT	99	13-46530	SPACER	154	27-39400	WASHER
45	27-48000	WASHER 8 GROMMER	100	11-55700	BOLT 8x45	155	13-39413	REAR BRAKE DISK
46	15-17500	TIRE FASTENER	101	31-27510	SCREW 4x20	156	22-08035	REAR HUB
47	22-03343	NUFFLER	102	27-34500	WASHER	157	12-89585	REAR SPROCKET
48	16-80000	COPPER	103	14-01040	ELECTRIC FAN	158	15-36000	CLAMP 17-18x25
49	16-23341	BUMPER RUBBER	104	11-57990	BOLT 8x180	159	12-81395	TIRE 3,50x17 C188C4PA
50	31-63930	SCREW 8x20	105	27-49500	WASHER 8x18	160	29-09119	REAR BRAKE HOSE
51	12-32171	BUMPER	106	13-17020	NUT 8 SELF BLOCKING	161	25-03033	REAR BRAKE PLIERS
52	13-49201	SPACER	107	22-62010	FOOTREST SPRING	162	12-42865	REAR RIM 17
53	10-41195	DUST COVER RING	108	25-32520	RH FOOTREST	163	15-17501	TIRE FASTENER
54	11-26451	AXLE BOX	109	27-28092	REGULATOR	164	27-48000	WASHER 8 GROMMER
55	13-17020	NUT	110	18-01851	ELECTRIC EQUIPMENT	165	13-17000	NUT 8x8

SUPPLEMENTARY PARTS LIST

12-43030 SPARK KEY
 13-34050-0-18 DECALCS SET -ASSY-
 13-34050-3-18 REAR FENDER DECALCS
 13-34050-4-18 FUEL TANK COVER DECALC
 13-34050-5-18 HEADLIGHT MASK DECALC
 13-34050-6-18 COMPLETELY DECALCS
 13-34050-7-18 FRONT FENDER DECALCS
 27-02555-0-57 FRONT WHEEL
 27-04823-0-57 REAR WHEEL
 37-42802 ENGINE