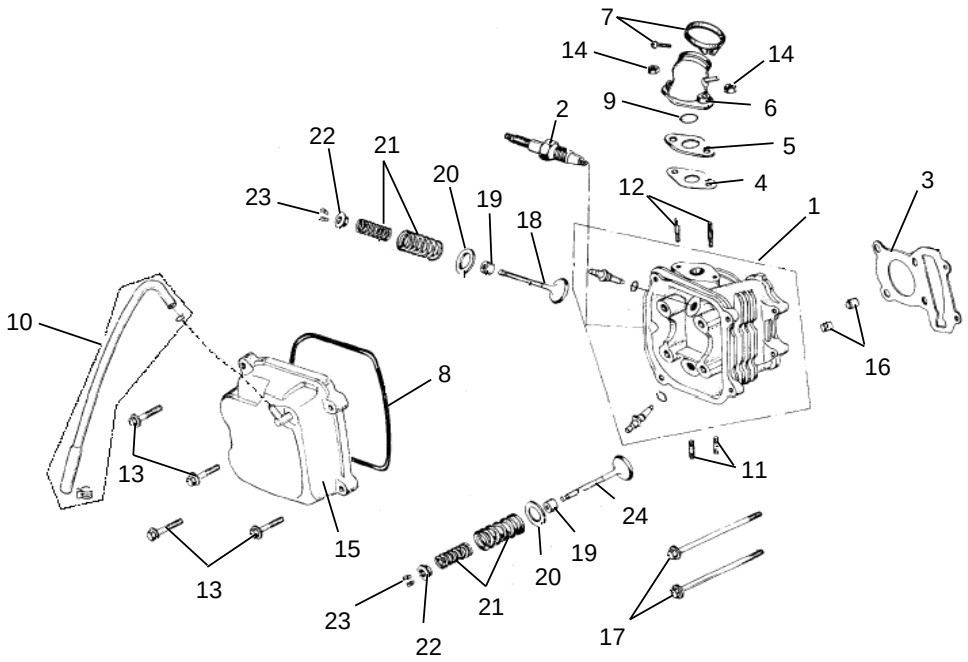
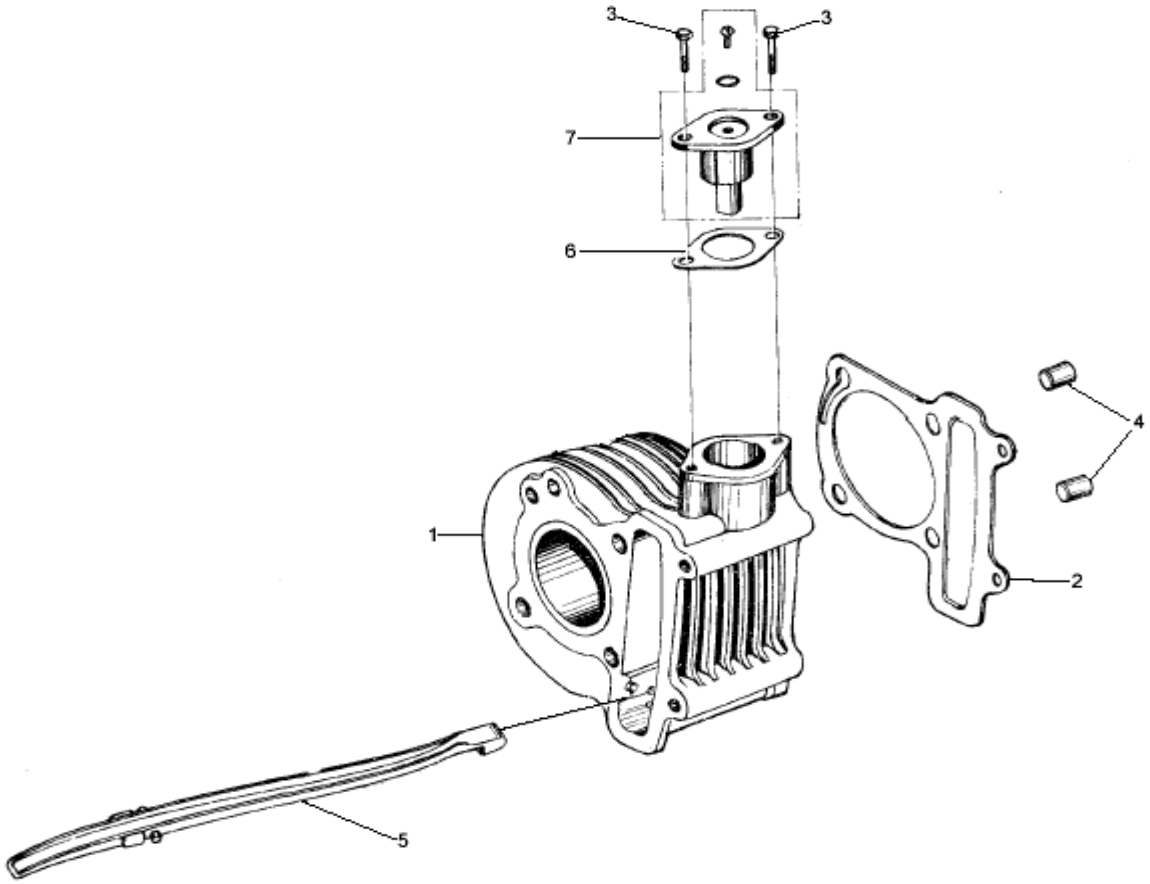
Section 1 - Cylinder Head Asm

Ref No	Part No	Description	QTY
1	14254	HEAD, CYLINDER - 150CC	1
2	50304	SPARK PLUG (CR7HSA)	1
3	14255	GASKET, CYL HEAD - 150CC	1
4	14256	GASKET, CARB INSULATOR - 150CC	1
5	14257	INSULATOR, CARB - 150CC	1
6	14258	MANIFOLD, INTAKE - 150CC	1
7	14259	CLAMP, CARB HOSE - 150CC	1
8	14260	GASKET, VALVE COVER - 150CC	1
9	14261	O-RING, M27 X 2 RUBBER - 150CC	1
10	14262	TUBE, BREATHER - 150CC	1
11	14263	STUD, M6 X 1.25 X 18	2
12	14264	STUD, M6 X 1.25 X 50	2
13	50003	BOLT, M6 x 1.00 x 25 HHF	4
14	50024	NUT, M6 x 1.00 HEX FLANGE	2
15	14265	COVER, VALVE - 150CC	1
16	14266	PIN, M10 X 16 DOWEL	2
17	50087	BOLT FLANGE SH 6 X 100	2
18	14267	VALVE, INTAKE - 150CC	1
19	14268	SEAL, VALVE STEM - 150CC	2
20	14269	SEAT, VALVE SPRING OUTER - 150CC	2
21	14270	SPRING, OUTER AND INNER VALVE - 150CC	2
22	14271	RETAINER, VALVE SPRING - 150CC	2
23	14272	KEEPER, VALVE SPRING - 150CC	4
24	14273	VALVE, EXHAUST - 150CC	1



Section 2 - Cylinder

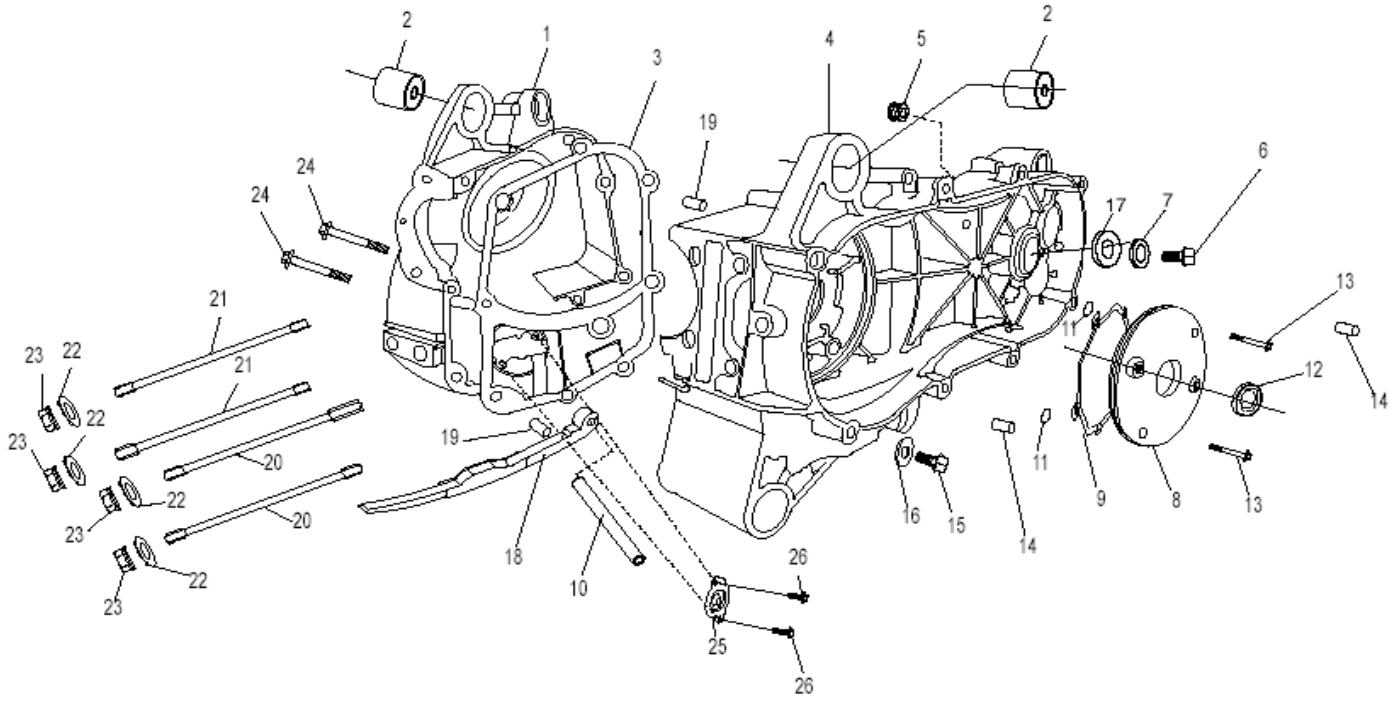
Ref No	Part No	Description	QTY
1	14317	CYLINDER - 150CC	1
2	14582	GASKET, CYLINDER BASE - 150CC	1
3	50032	BOLT FLANGE SH 6 X 22	2
4	14266	PIN, M10 X 16 DOWEL	2
5	14276	TENSIONER, CAM CHAIN - 150CC	1
6	14275	GASKET, CAM CHAIN TENSIONER - 150CC	1
7	14274	ASM, CAM CHAIN TENSIONER - 150CC	1



Section 3 - Engine Crankcase

Ref No	Part No	Description	QTY
1	14277	HOUSING, CRANKCASE RH - 150CC	1
2	14278	BUSHING, ENGINE HANGER - 150CC	2
3	14279	GASKET, CRANKCASE - 150CC	1
4	14280	HOUSING, CRANKCASE LH - 150CC	1
5	14558	GROMMET	1
6	14281	BOLT, M10 X 1.25 X 15 FHCS ZN	1
7	14282	WASHER, M10.2 X 18 X 1.3 FLAT	1
8	14283	COVER, SMALL LEFT - 150CC	1
9	14284	O-RING, M108 X 2	1
10	14559	PIN	1
11	14285	O-RING, M6 X 1.8	2
12	50104	OIL SEAL 19.8 X 30 X 5	1
13	14286	BOLT, M6 X 1.00 X 18 FHCS ZN	4

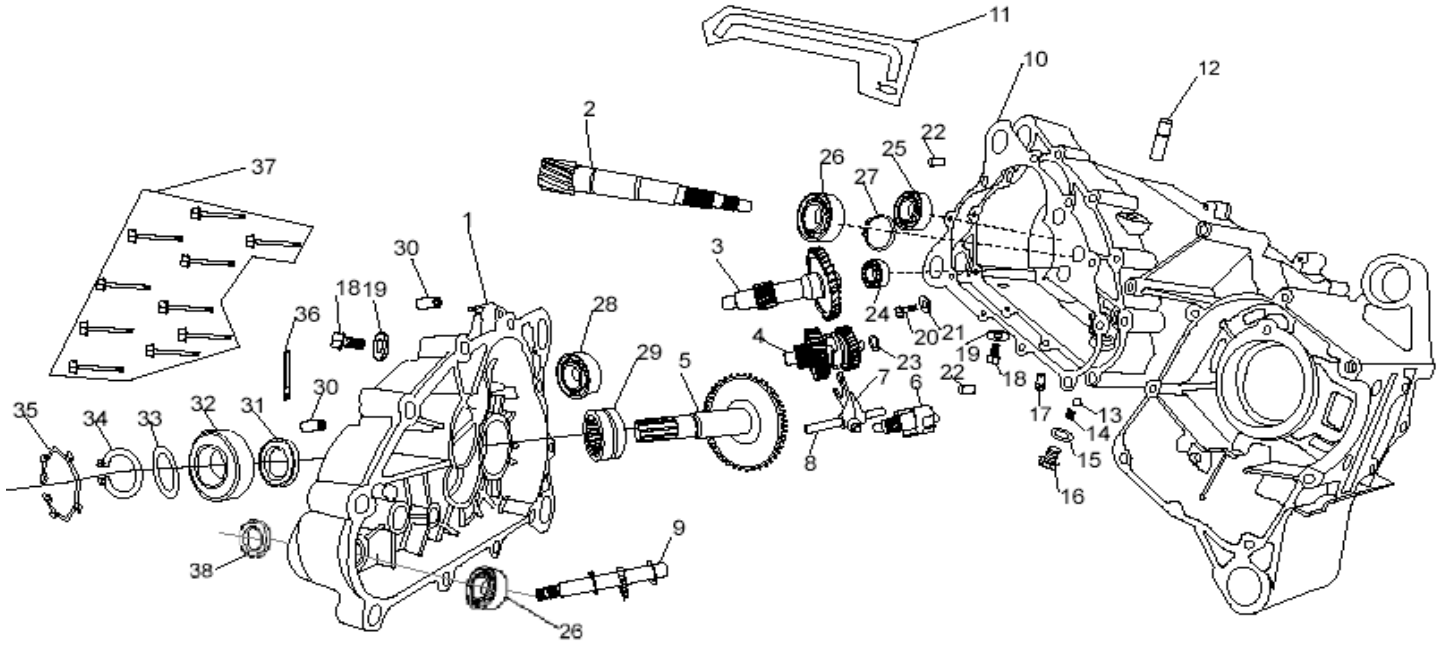
Ref No	Part No	Description	QTY
14	14287	PIN, M10 X 14 DOWEL	2
15	14288	BOLT, M12 X 1.5 SPECIAL - 150CC	1
16	14289	WASHER, M12 FLAT ZN	2
17	14290	SEAL, M20 X 32 X 6	2
18	14883	GUIDE, CAM CHAIN - 150CC	1
19	50016	PIN DOWEL SPECIAL 8 X 14	2
20	14291	STUD, M8 X 1.25 X 195.5	2
21	14292	STUD, M8 X 1.25 X 187.5	2
22	14293	WASHER, M8 FLAT ZN	4
23	14294	NUT, M8 X 1.25 FLANGE HEAD	4
24	14295	BOLT, M6 X 1.00 X 50 FHCS ZN	2
25	14501	SPACER, OIL - 150CC	1
26	14296	BOLT, M6 X 1.00 X 12 FHCS ZN	2



Section 4 - Transmission

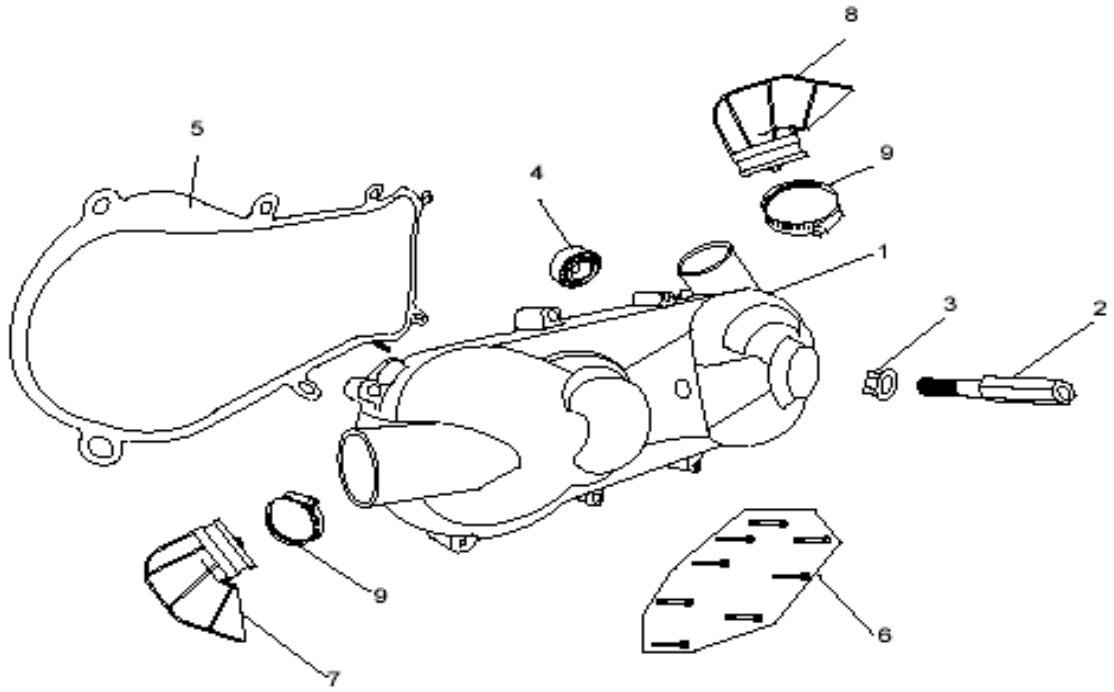
Ref No	Part No	Description	QTY
1	14297	HOUSING, OUTER TRANSMISSION - 150CC	1
2	14298	GEAR, PRI DRIVE - 150CC	1
3	14299	GEAR, SEC DRIVE - 150CC	1
4	14300	ASM, SHIFT GEAR CLUSTER D/N/R - 150CC	1
5	14841	GEAR, FINAL DRIVE SHAFT - EXT - 200S	1
6	14302	ASM, SHIFT SELECTOR - 150CC	1
7	14303	PAWL, SHIFT SELECTOR - 150CC	1
8	14304	ROD, SHIFT PAWL - 150CC	1
9	14305	SHAFT, SHIFTER CAM - 150CC	1
10	14306	GASKET, TRANSMISSION CASE - 150CC	1
11	14307	TUBE, TRANSMISSION VENT - 150CC	1
12	14308	NIPPLE, VENT TUBE - 150CC LARGE	1
13	14309	BALL, SHIFT INDENT - 150CC	1
14	14310	SPRING, SHIFT INDENT - 150CC	1
15	14311	GASKET, SHIFT INDENT - 150CC	1
16	14312	BOLT, SHIFT INDENT - 150CC	1
17	14502	NIPPLE, VENT TUBE - 150CC SMALL	1
18	14313	BOLT, DRAIN/FILL PLUG - 150CC	2
19	14314	GASKET, TRANS DRAIN PLUG - 150CC	2

Ref No	Part No	Description	QTY
20	14296	BOLT, M6 X 1.00 X 12 FHCS ZN	2
21	14315	WASHER, M6 FLAT	2
22	14287	PIN, M10 X 14 DOWEL	2
23	14316	SPACER, M15 INNER GEAR - 150CC	1
24	14149	BEARING, OUTER - 6202-Z	1
25	50102	BEARING BALL RADIAL 6203	1
26	14146	BEARING, INNER - 6204-Z	1
27	14106	CIRCLIP, M20	1
28	14503	BEARING, 6302 15 X 42 X 13	1
29	14504	BEARING, RNA4905 30 X 42 X 17	1
30	14505	BUSHING, SHOCK ABSORBING - 150CC	2
31	14318	SEAL, M30 X 40 X 6	1
32	14598	BEARING, SEALED 6205 - 150CC	1
33	14511	WASHER, M22 X 31 X 2.5 FLAT	1
34	14319	CIRCLIP, M25	1
35	14320	CIRCLIP, M52	1
36	14321	CLAMP, WIRE - 150CC	1
37	14235	BOLT, M6 X 1.00 X 40 FHCS ZN	10
38	14597	OIL SEAL, SHIFTER CAM - 150CC	1



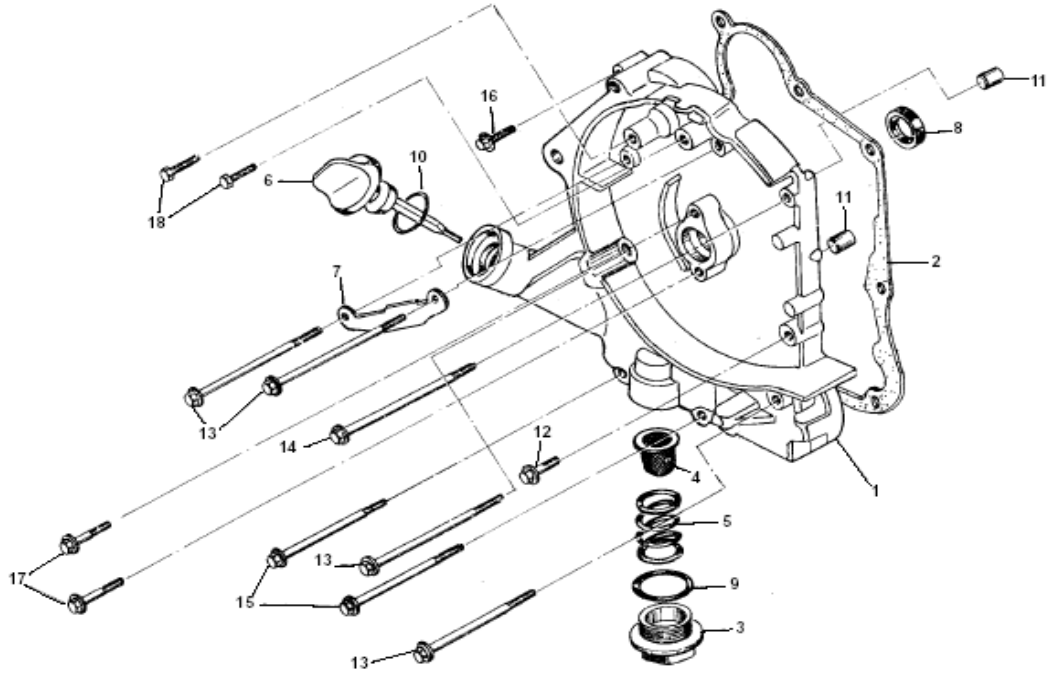
Section 5 - CVT Cover

Ref No	Part No	Description	QTY
1	14323	COVER, CVT - 150CC	1
2	14507	BRACKET, EXHAUST - 150CC	1
3	14324	NUT, M12 X 1.25 LOCKING FLANGE ZN	1
4	14508	BEARING, 6200 10 X 30 X 9	2
5	14325	GASKET, CVT COVER - 150CC	1
6	14235	BOLT, M6 X 1.00 X 40 FHCS ZN	8
7	14322	SNORKEL, CVT - 150CC	1
8	14322	SNORKEL, CVT - 150CC	1
9	14509	CLAMP, SNORKEL - 150CC	2



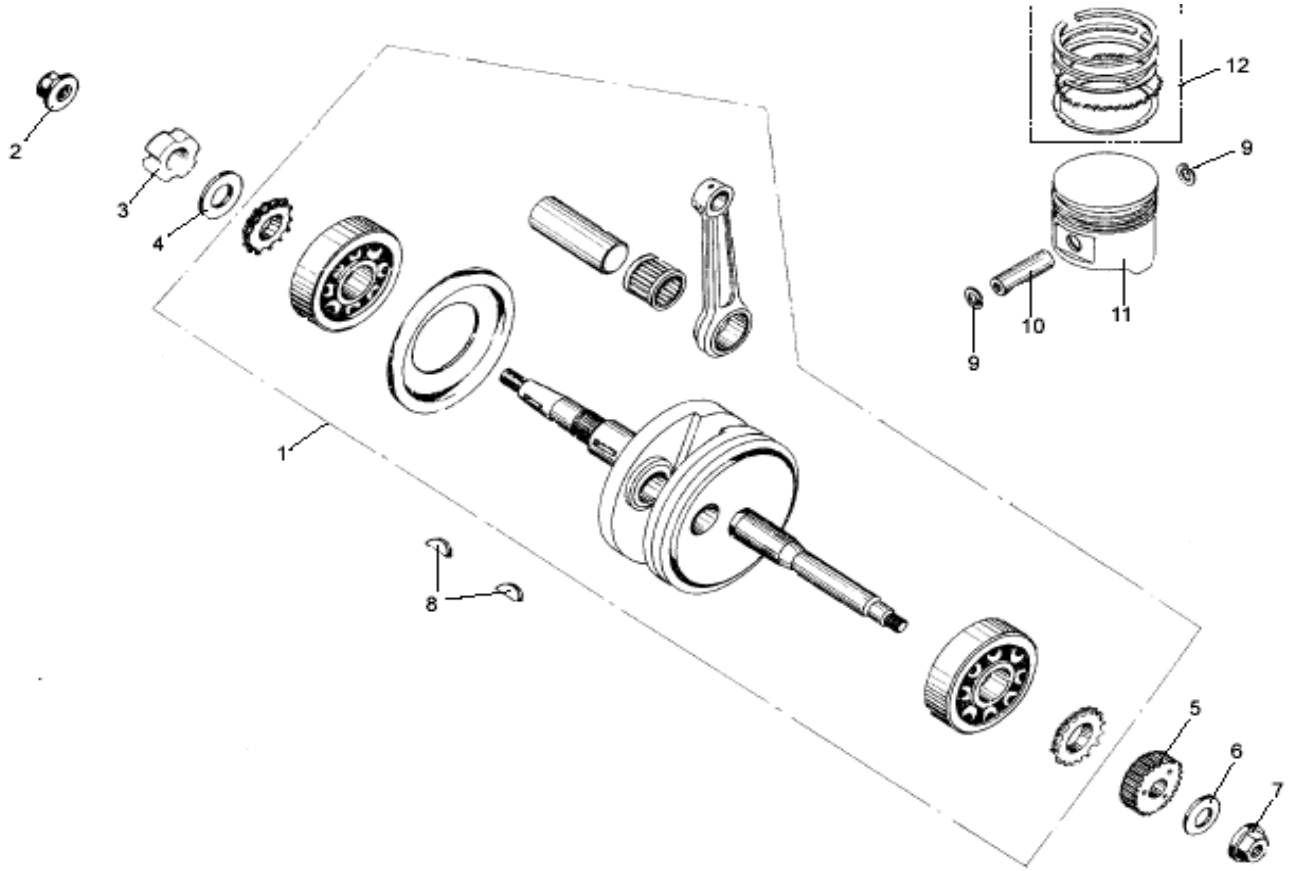
Section 6 - Outer Crankcase Asm

Ref No	Part No	Description	QTY
1	14326	COVER, OUTER CRANKCASE RH - 150CC	1
2	14327	GASKET, OUTER CRANKCASE - 150CC	1
3	14328	CAP, OIL DRAIN - 150CC	1
4	14329	SCREEN, OIL FILTER - 150CC	1
5	14330	SPRING, OIL FILTER SCREEN - 150CC	1
6	14331	DIPSTICK, OIL FILL - 150CC	1
7	14332	CLAMP, AC GENERATOR - 150CC	1
8	14333	SEAL, M19.8 X 30 X 5 OIL	1
9	14334	O-RING, M30.8 X 3	1
10	14335	O-RING, M18 X 3	1
11	50016	PIN DOWEL SPECIAL 8 X 14	2
12	14336	BOLT, M6 X 1.00 X 28 FHCS ZN	1
13	14337	BOLT, M6 X 1.00 X 95 FHCS ZN	4
14	14338	BOLT, M6 X 1.00 X 100 FHCS ZN	1
15	14339	BOLT, M6 X 1.00 X 110 FHCS ZN	2
16	14340	BOLT, M6 X 1.00 X 35 FHCS ZN	1
17	14341	BOLT, M6 X 1.00 X 20 FHCS ZN	2
18	14296	BOLT, M6 X 1.00 X 12 FHCS ZN	2



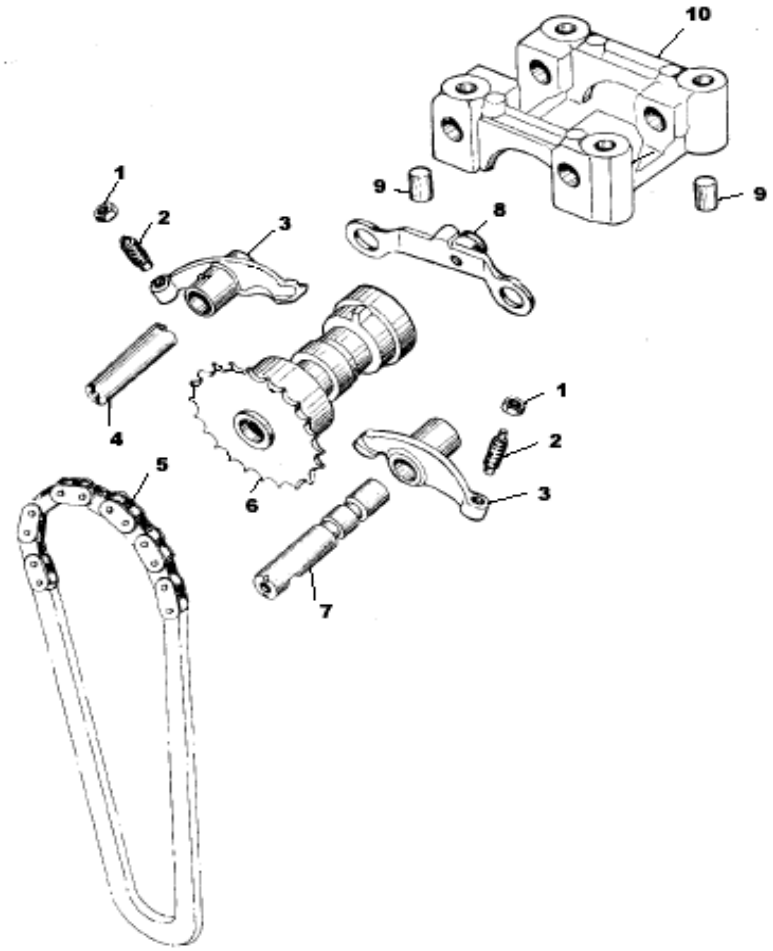
Section 7 - Piston, Crank and Connecting Rod

Ref No	Part No	Description	QTY
1	14342	ASM, CRANK - CON ROD - 150CC	1
2	14324	NUT, M12 X 1.25 LOCKING FLANGE ZN	1
3	14510	NUT, M22 X 1.00 SPANNING - 150CC	1
4	14511	WASHER, M22 X 31 X 2.5 FLAT	1
5	14344	GEAR, KICK DRIVE - 150CC	1
6	14289	WASHER, M12 FLAT ZN	1
7	14324	NUT, M12 X 1.25 LOCKING FLANGE ZN	1
8	14512	KEY, WOODRUFF M4 X 14	1
9	14345	CLIP, PISTON RETAINING - 150CC	2
10	14346	PIN, PISTON WRIST - 150CC	1
11	14347	PISTON - 150CC	1
12	14348	KIT, PISTON RING - 150CC	1



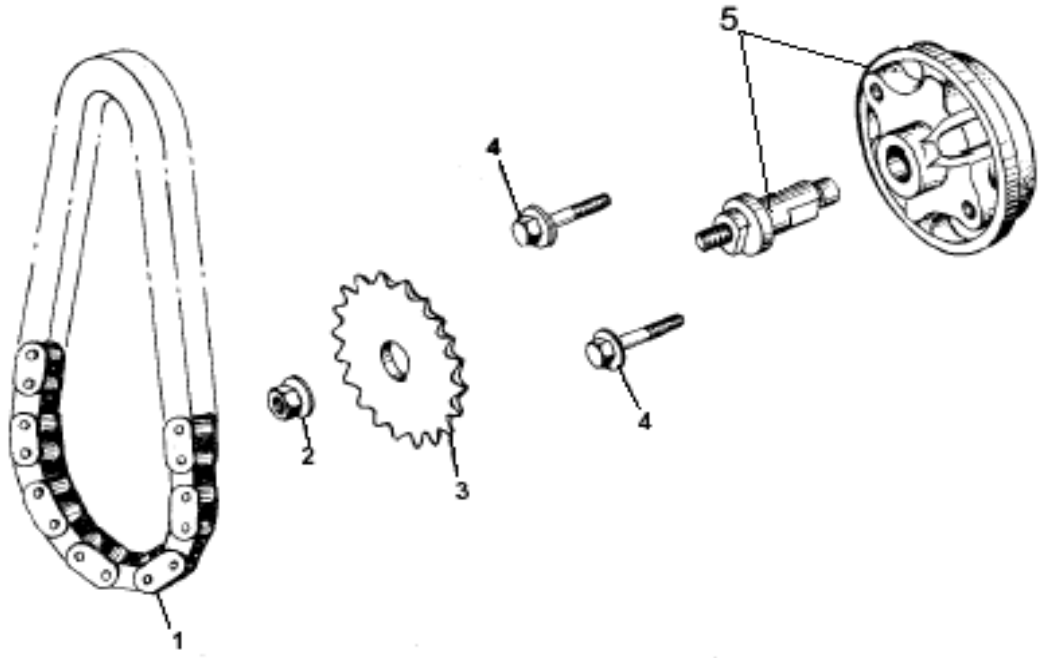
Section 8 - Camshaft Asm

Ref No	Part No	Description	QTY
1	14513	NUT, M5 X 0.5 HEX	2
2	14349	SCREW, TAPPET ADJ - 150CC	2
3	14350	ARM, VALVE ROCKER - 150CC	2
4	14351	SHAFT, EXHAUST ROCKER ARM - 150CC	1
5	14352	CHAIN, CAMSHAFT - 150CC	1
6	14353	CAMSHAFT - 150CC	1
7	14354	SHAFT, INTAKE ROCKER ARM - 150CC	1
8	14355	PLATE, STOP - 150CC	1
9	14266	PIN, M10 X 16 DOWEL	2
10	14356	CAP, CAMSHAFT BRG - 150CC	1



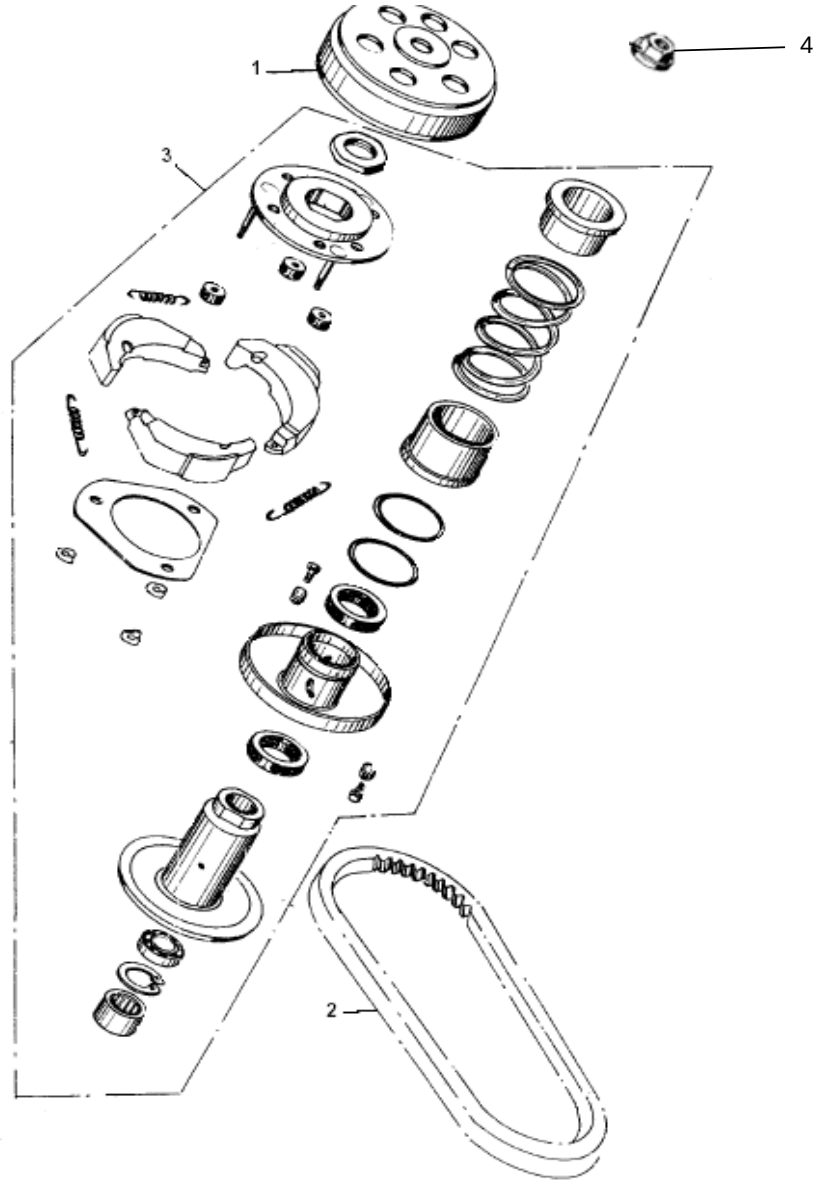
Section 9 - Oil Pump Asm

Ref No	Part No	Description	QTY
1	14357	CHAIN, OIL PUMP - 150CC	1
2	14358	NUT, M6 X 1.00 HEX FLANGE	1
3	14359	SPROCKET, OIL PUMP - 150CC	1
4	14360	BOLT, M6 X 1.00 X 30 FHCS ZN	2
5	14361	ASM, OIL PUMP - 150CC	1



Section 10 - Driven Pulley and Clutch

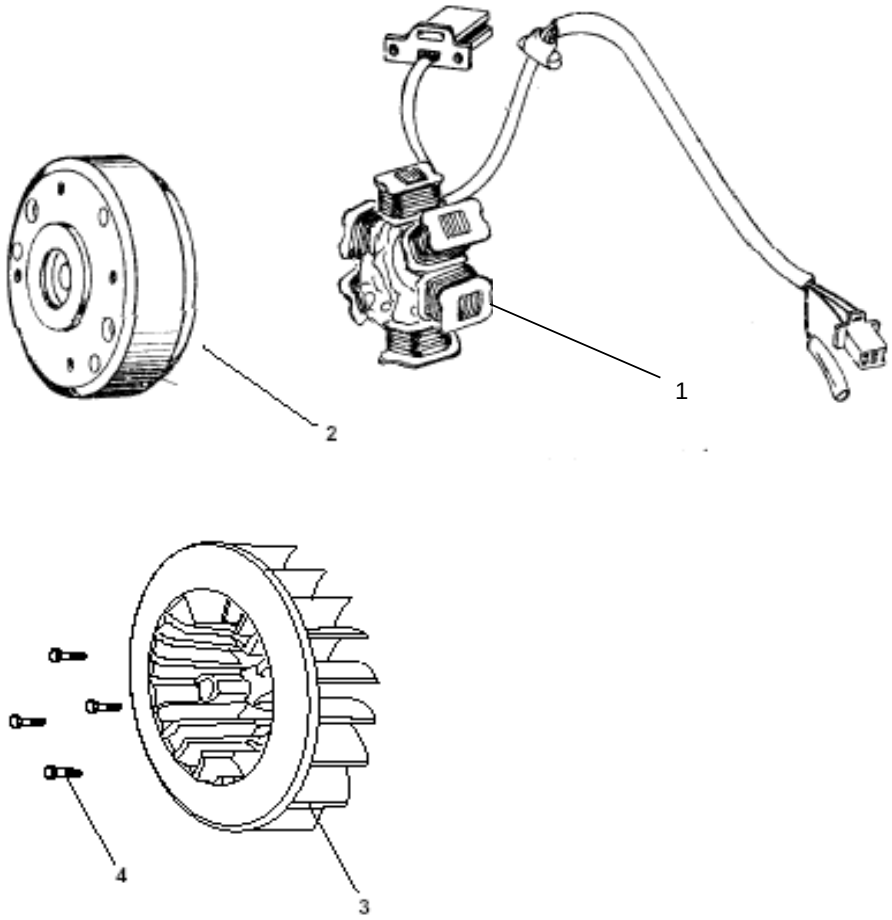
Ref No	Part No	Description	QTY
1	14362	ASM, OUTER CLUTCH - 150CC	1
2	14363	BELT, CVT - 150CC	1
3	14364	ASM, DRIVEN PULLEY - 150CC	1
4	15164	NUT, M12X1.25 LF THIN	1



Section 11 - Engine Electrical

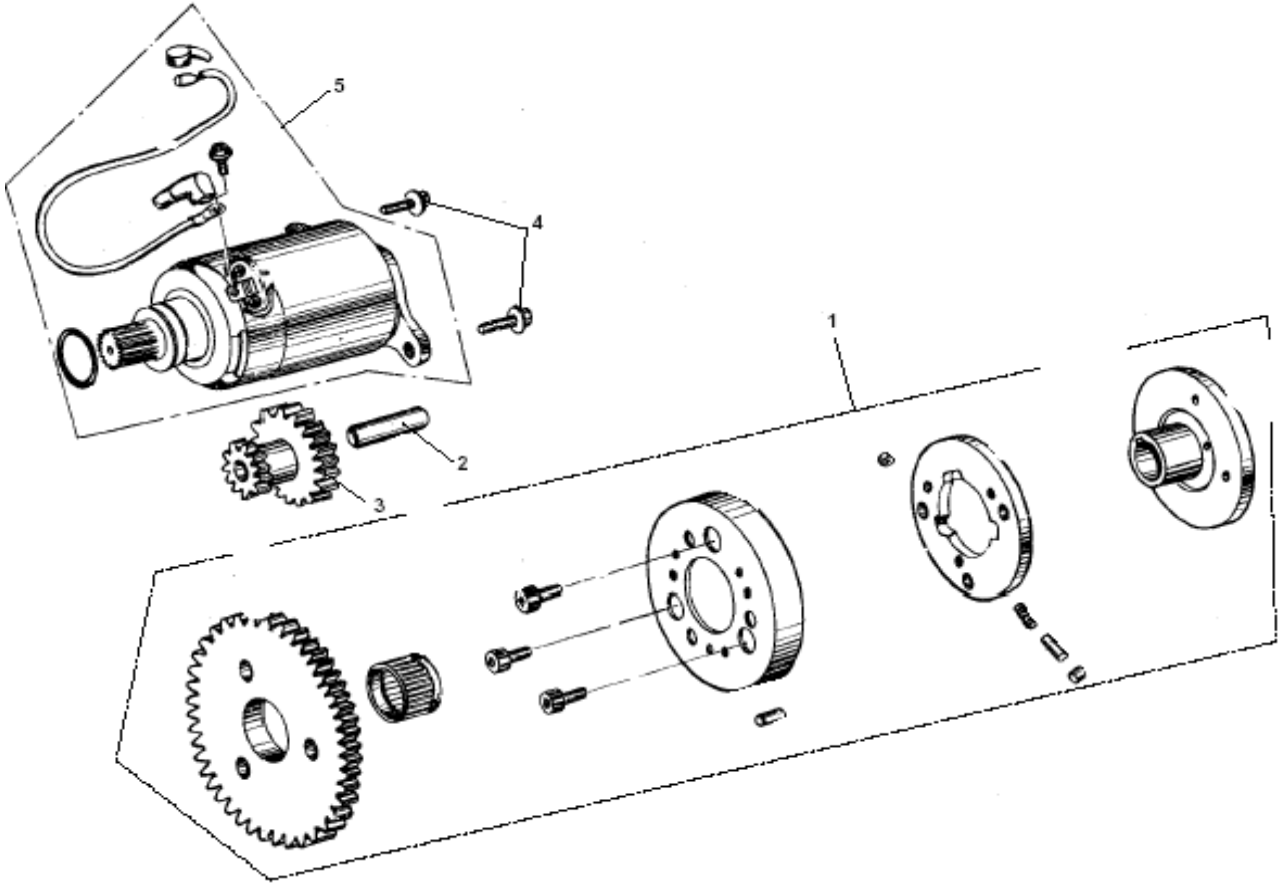
Ref No	Part No	Description	QTY
1	14365	MAGNETO - 150CC	1
*1a	15120	MAGNETO, 150CC HO	1
2	14366	FLYWHEEL - 150CC	1
3	14367	FAN, COOLING - 150CC	1
4	14368	BOLT, M6 X 1.00 X 15 FHCS ZN	4

* 2011 and newer models



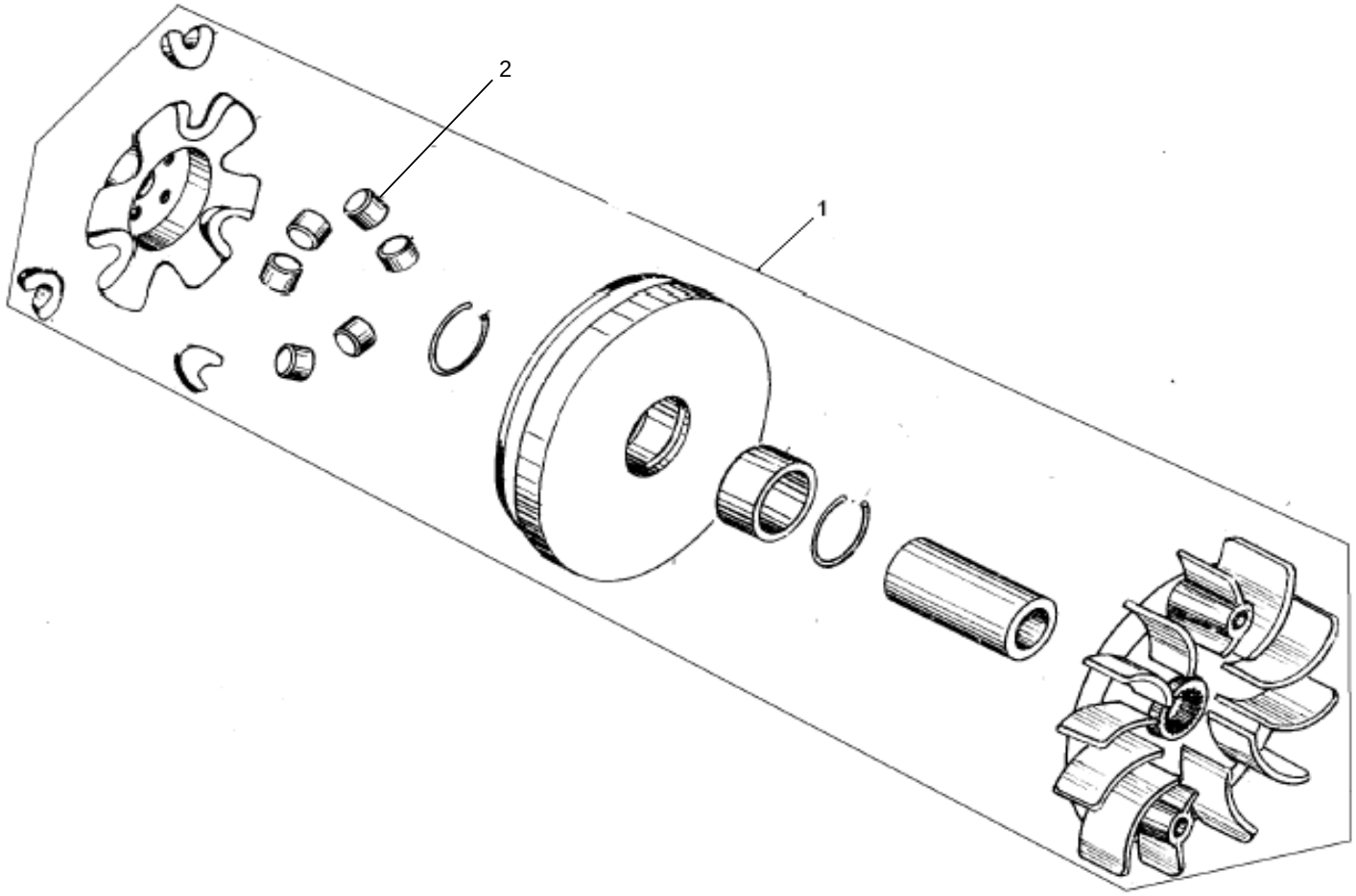
Section 12 - Electric Start

Ref No	Part No	Description	QTY
1	14369	ASM, STARTER CLUTCH - 150CC	1
2	14370	SHAFT, STARTER RED - 150CC	1
3	14371	GEAR, STARTER RED - 150CC	1
4	14372	BOLT, M6 X 1.00 X 16 FHCS ZN	2
5	14373	ASM, STARTER MOTOR - 150CC	1



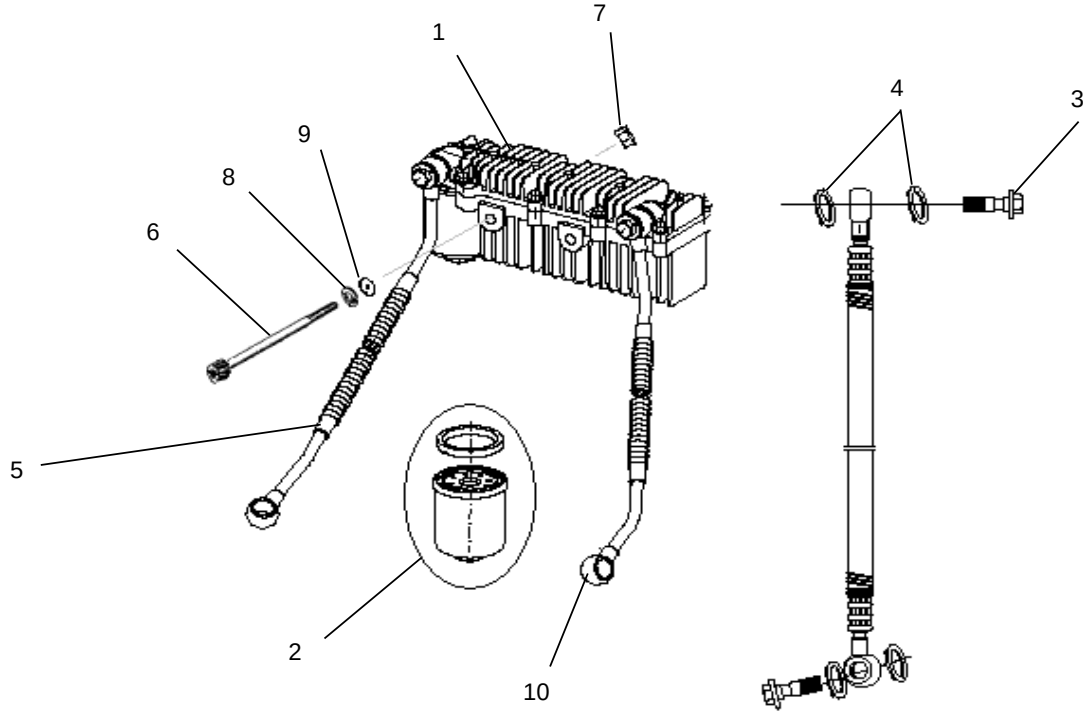
Section 13 - Driver Pulley

Ref No	Part No	Description	QTY
1	14374	ASM, DRIVER PULLEY - 150CC	1
2	14375	WEIGHT, DRIVER PULLEY - 150CC	6



Section 14 - Oil Cooler

Ref No	Part No	Description	QTY
1	14376	MANIFOLD, OIL COOLER-150CC, W/ FILTER (For units with placement just behind seat)	1
2	14514	FILTER, OIL - 150CC (SEAL INCLUDED)	1
3	14537	BOLT, M12 X 28 BANJO	4
4	14538	WASHER, OIL LINE - 150CC	8
5	14599	HOSE, OIL COOLING - 150CC (540MM)	1
6	14747	BOLT, M8 X 1.25 X 75	2
7	14088	NUT, M8 X 1.25 LOCKING FLANGE ZN	2
8	14748	WASHER, M8 SPLIT LOCK	2
9	14293	WASHER, M8 FLAT ZN	2
10	14515	HOSE, OIL COOLING - 150CC (400MM)	1



Section 15 - Fan Cover and Shroud Asm

Ref No	Part No	Description	QTY
1	14540	COVER, FAN COMP - 150CC	1
2	14541	COVER, DUST - 150CC	1
3	14542	DUCT, CARBURETOR COOLING - 150CC	1
4	14543	SHROUD, LOWER - 150CC	1
5	14544	SEAL, LOWER SHROUD - 150CC	1
6	14545	SHROUD, UPPER - 150CC	1
7	14546	CLIP, CORD - 150CC	1
8	14547	SEAL, UPPER SHROUD - 150CC	1
9	50065	SCREW TAPPING	6
10	50069	BOLT FLANGE SH 6 X 18	3
11	14539	SCREW, 3.5 X 13 STFH	3

