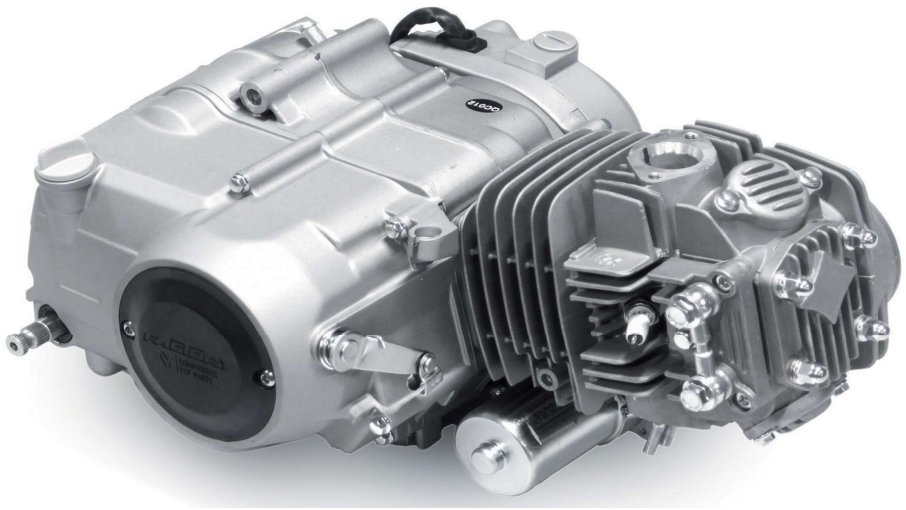
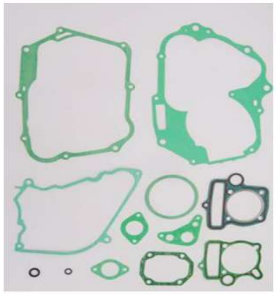
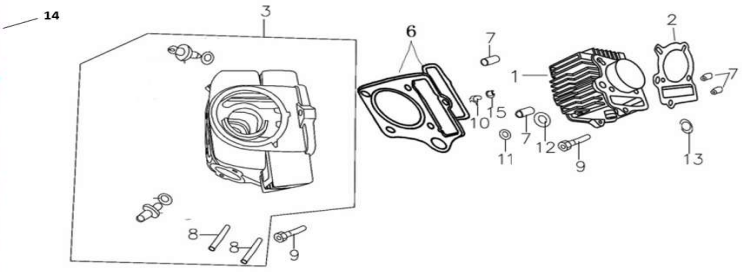
ENGINE PART LIST PILOT 150E



CYLINDER ASSY

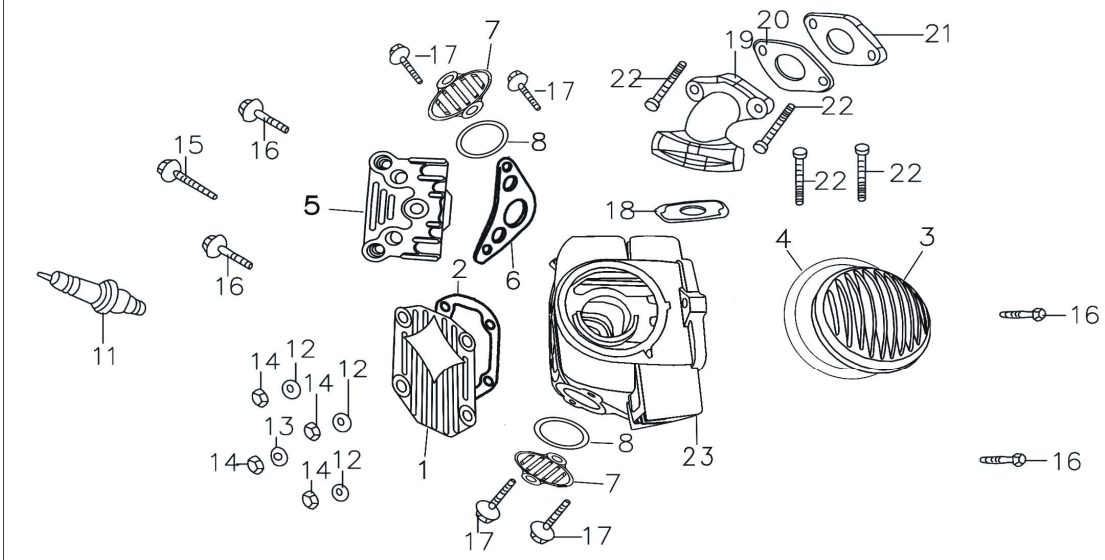




ef.N	Part No.	Description	Description	Quantity	
1	2084A038PW	CYLINDRE	CYLINDER BODY	1	
2	208B010	JOINT EMBASE	CYLINDER BODY SEAL PACKING	1	
3	208A000	CULASSE COMPLETE	CYLINDER HEAD ASSY	1	
6	2082B008	JOINT CULASSE	CYLINDER HEAD SEAL GASKET	1	
7	97010012	PION CENTRAGE 10X12	ASSEMBLING PIN 10 ×12	4	
8	208M036	GOUJON ECHAPPEMENT M6×38	BOLT M6×38	2	
9	GB5783	VIS	BOLT	3	
10	D00L040	JOINT TORIQUE	OIL SEAL	1	
11	208-1-11	JOINT TORIQUE	OIL SEAL	1	
12	D00L033	JOINT TORIQUE	RECTANGLE SEAL PING	1	

13	D00L035	JOINT TORIQUE	RECTANGLE SEAL PING	1	
14	PJCM150-3E	POCHETTE DE JOINTS COMPLETE	COMPLETE SEAL KIT	1	
15	208-1-15	GUIDE	SEAL LVASHER	1	

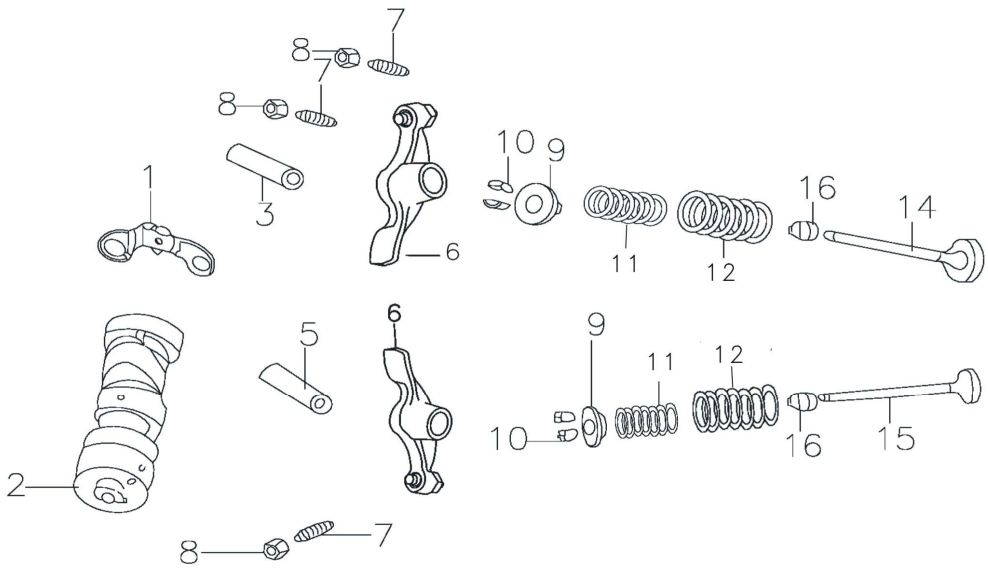
CYLINDER HEAD



ef.N	Part No.	Description	Description	Quantity	
1	208A036PW	COUVERCLE DE CULASSE	CYLINDER HEAD COVER	1	
2	206B009	JOINT D'ÉTANCHÉITÉ DE COUVERCLE DE CULASSE	CYLINDER HEAD COVER SEAL PACKING	1	
3	12242/152FMI	COUVERCLE DE CULASSE GAUCHE	CYLINDER HEAD LEFT COVER	1	
4	E03B006	JOINT D'ÉTANCHÉITÉ DE COUVERCLE DE CULASSE GAUCHE	CYLINDER HEAD LEFT COVER SEAL PACKING	1	
5	208A035PW	COUVERCLE DE CULASSE DROIT	CYLINDER HEAD RIGHT COVER	1	
6	D00B007	JOINT D'ÉTANCHÉITÉ DE COUVERCLE DE CULASSE DROIT	CYLINDER HEAD RIGHT COVER SEAL RING	1	
7	12243/152FMI	COUVERCLE DE SOUPAPE	VALVA COVER	2	
8	D00C058	JOINT DE COUVERCLE SOUPAPES	SEAL FOR INTAKE VALVE	2	
11	34210/152FMH	BOUGIE CR7HS	NGK SPARKING PLUG	1	
12	E03L016	RONDELLE ACIER	CUSHION RING	3	
13	E03L008	RONDELLE CUIVRE	CUSHION RING	1	
14	923H070000BCR	ÉCROU	NUT	4	
15	GB5787	VIS	BOLT	1	
16	GB70	VIS	SCREW	4	
17	GB5787	VIS	PLATE BOLT	6	

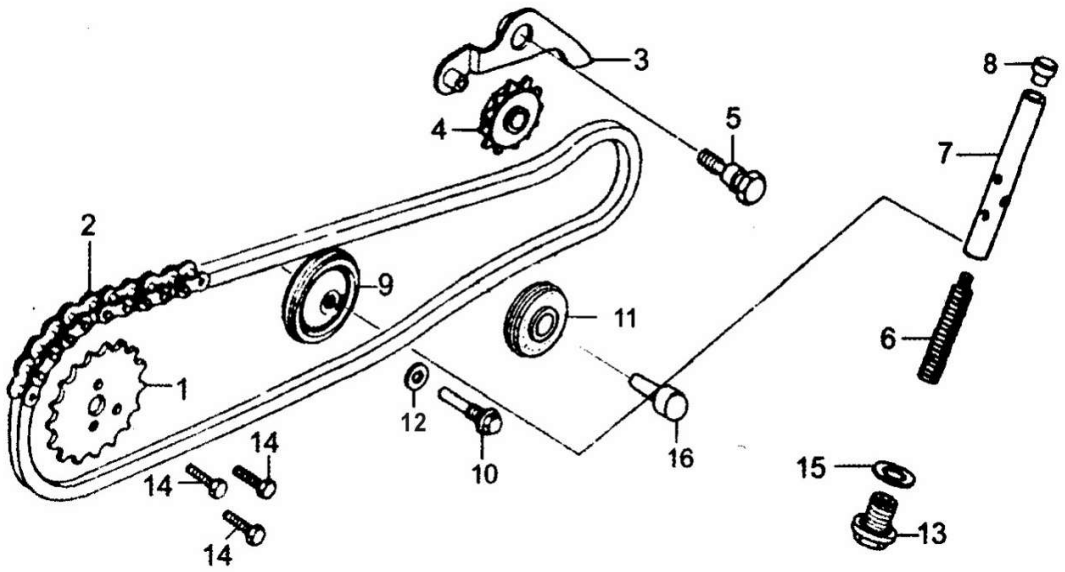
18	208B030	JOINT D'ÉTANCHÉITÉ D'ADMISSION	SEAL PACKING FOR THE INTAKE	1	
19	17311	PIPE ADMISSION	INTAKE	1	
20	17332/152FMH01	JOINT D'ÉTANCHÉITÉ	SEAL PACKING	1	
21	17331/152FMH	JOINT D'ÉTANCHÉITÉ DE CARBURATEUR	CARBURETOR SEAL PACKING	1	
22	GB5787	VIS	PLATE BOLT	4	
23	208A000PW	CULASSE	CYLINDER HEAD ASSY	1	

CAMSHAFT ASSY



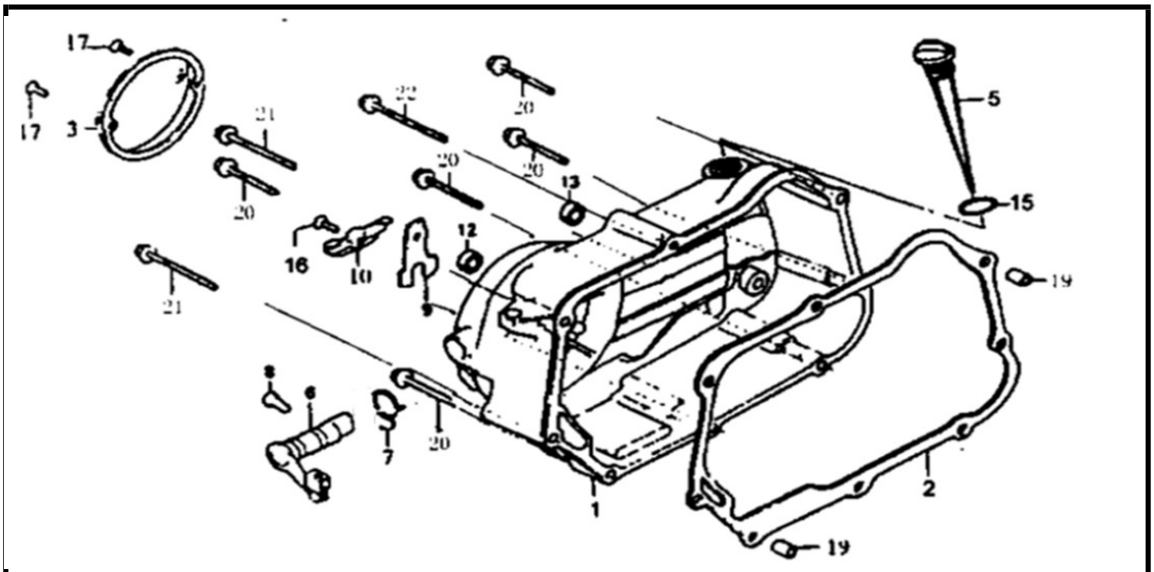
ef.N	Part No.	Description	Description	Quantity	
1	D00F013	ENSEMBLE DECOMPESSEUR	ISOLATOR LOCKER ASSEMBLY	1	
2	208F020	ARBRE À CAMES	CAMSHAFT SUBASSEMBLY	1	
3	D00F015	AXE DE CULBUTEUR	AIR-IN ROCKERARM SHAFT	1	
5	D00F015	AXE DE CULBUTEUR	ROCKERARM SHAFT	1	
6	D00F000	CULBUTEUR, SOUPAPE	ROCKER ARM，VALVE	2	
7	A00F001	VIS DE RÉGLAGE DE SOUPAPE	AIR VALVE ADJUSTING SCREW	2	
8	A00F002	ÉCROU DE RÉGLAGE DE SOUPAPE	AIR VALVE ADJUSTINF NUT	2	
9	14753/152FMI	SIÈGE DE RESSORT	UP SPRING SEAT	2	
10	14752/152FMH	DEMI LUNE DE SOUPAPES	AIR VALVE LOCKER	2	
11	208H004	RESSORT INTERNE, SOUPAPE	INNER SPRING，VALVE	2	
12	208H003	RESSORT EXTERNE, SOUPAPE	OUTER SPRING，VALVE	2	
14	204F045	SOUPAPE D'ADMISSION	INDUCTION VALVE	1	
15	204F039	SOUPAPE D'ÉCHAPPEMENT	EXHAUST VALVE	1	
16	D00C043	JOINT DE QUEUE DE SOUPAPE	VALVE STEM SEAL	2	

Timing Chain & Tensioner



ef.N	Part No.	Description	Description	Quantity	
1	208F011	Pignon de distribution (32)	Timing Driver Sprocket(32)	1	
2	E03F012	Chaîne de distribution (84 MAILLONS)	Timing Chain(84T)	1	
3	D00F043	Bras de tension	Tensioning Arm	1	
4	D00C020	Galet de tension	Tensioning Roller	1	
5	D00F044	Vis	Screw	1	
6	D00H006	Ressort	Spring	1	
7	D00F042	TENDEUR DE CHAINE HYDROLIQUE	Tensioning Bar	1	
8	D00C022	EMBOUT TENDEUR	Cap	1	
9	E03C023	Roue de guidage	Guiding Wheel	1	
10	14621/152FMI	VIS de guidage	Pin,Guiding Wheel	1	
11	E04C021	GALET DE CONTACT DE TENSION DE CHAÎNE II	CHAIN TENSION CONTACT ROLLER II	1	
12	D00L019	Rondelle en aluminium 8	AluminiumWasher 8	1	
13	D00E025	Bouchon d'étanchéité M14 × 1,5	Sealing Plug M14×1.5	1	
14	578305012	Boulon M5 × 12	Bolt M5×12	3	
15	D00L021	Rondelle en aluminium 14	Aluminium Washer 14	1	
16	E04F041	VIS DU GALET DE CONTACT DE TENSION DE CHAÎNE II	CHAIN TENSION CONTACT ROLLER II PIN	1	

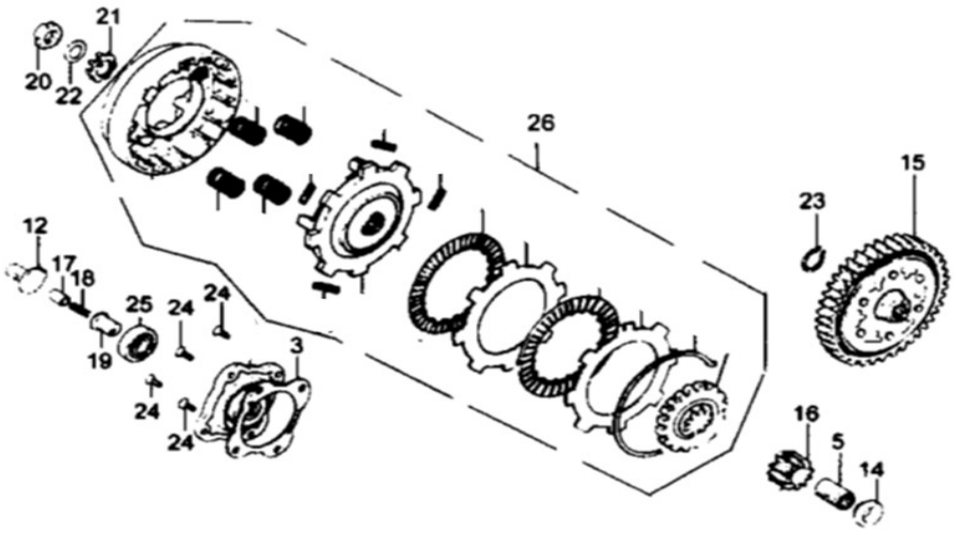
Right Crankcase Cover



ef.N	Part No.	Description	Description	Quantity	
1	D01A034-EC	CARTER EMBRAYAGE 125P	Right Crankcase Cover	1	
2	E041B002	JOINT CARTER EMBRAYAGE	Gasket.Crankcase Cover,RH	1	
3	RCSC-BK	PETIT CARTER ROND DE CARTER D'EMBRAYAGE 88cc/125cc	Clutch Cover	1	
5	15611/152FMH	JAUGE A HUILE	Dipstick	1	
6	204-6-6	COMMANDE D EMBRAYAGE	Operating Shaft,Clutch	1	
7	A00H007BX	RESSORT TIGE EMBRAYAGE 125 POINT MORT	Spring	1	
8	204-6-8	PION DE CALAGE TIGE D´EMBRAYAGE 125 POINT MORT	Set Pin	1	
9	204-6-9	PATTE DE REGLAGE EMBRAYAGE 125 POINT MORT	Control Plate	1	
10	204-6-10	PATTE DE REGLAGE EMBRAYAGE 125 POINT MORT	Press Plate	1	
12	A00C012	SPI COMMANDE EMBRAYAGE	Oil Seal 12×21×4	1	
13	27190/152FMH	SPI KICK 13	Oil Seal 13.8×24.5	1	
15	D00C060	JOINT TORIQUE	O-Ring 18×3	1	
16	GB819-M6X16-W	VIS M6X16	ScrewM6×16	1	
17	578305012	VIS M5X12	Screw 5×12	2	
19	11318/152FMI	PION CENTRAGE 8X12	Dowel Pin 8×12	2	
20	74-06040	VIS M6X40	Bolt 6×40	5	
21	74-06080	VIS M6X80	Bolt 6×80	2	

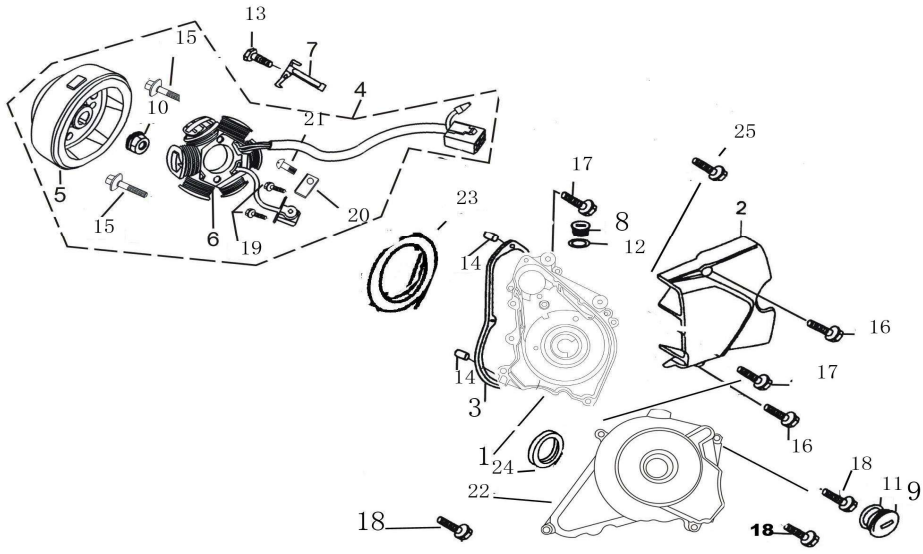
22	74-06065	VIS M6X65	Bolt 6×65	1	

Clutch

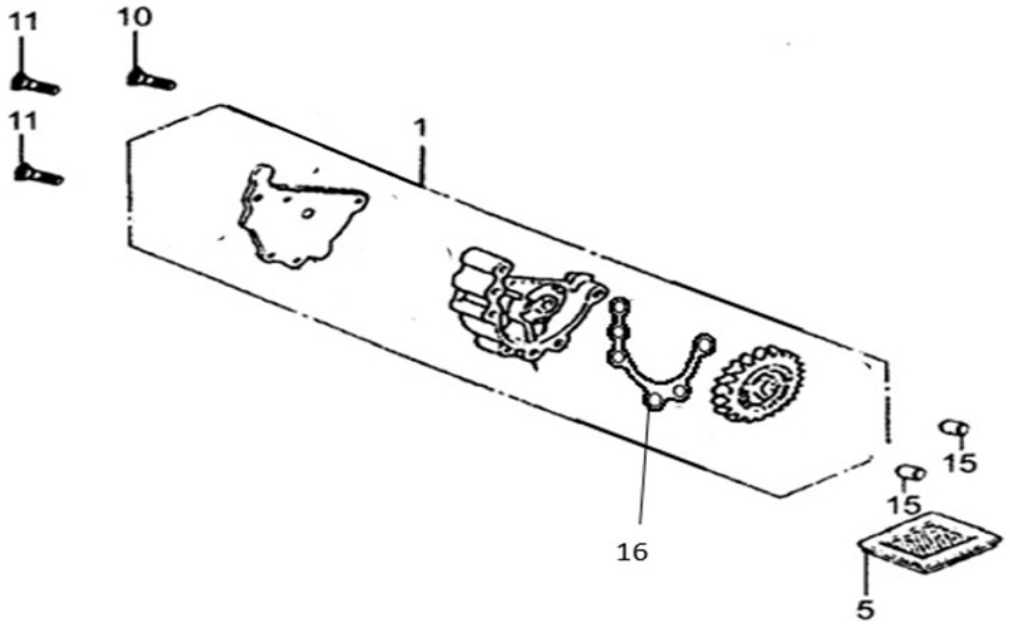


ef.N	Part No.	Description	Description	Quantity	
3	A002B011	joint	Gasket	1	
5	E00J019	bague embrayage	Bushing	1	
12	A00G043	POUSSOIR	Push Rod Set	1	
14	22372/152FMH	RONDELLE	Washer	1	
15	A00K016	couronne embrayage	Primary Driven Gear	1	
16	A00K015	pignon cloche	Primary Driven Gear Set	1	
17	A00E024	PION	Oil Tube	1	
18	A00H001	ressort	Spring	1	
19	A00G043	GUIDE	Sleeve	1	
20	22631/152FMH	ecrou cranter	Lock Nut M14×1	1	
21	A00G022	rondelle frein a ergot	Lock Washer 14	1	
22	22632/152FMH	rondel outside	Washer 14	1	
23	A00K017	CLIPS	Snap Ring	1	
24	81905010	vis m5x10	Screw M5×10	4	
25	276-6000	roulement plateau embrayage	Bearing 6000	1	
26	EC	embrayage complet	Clutch Body	1	

Left Crankcase Cover & Magnetic Motor

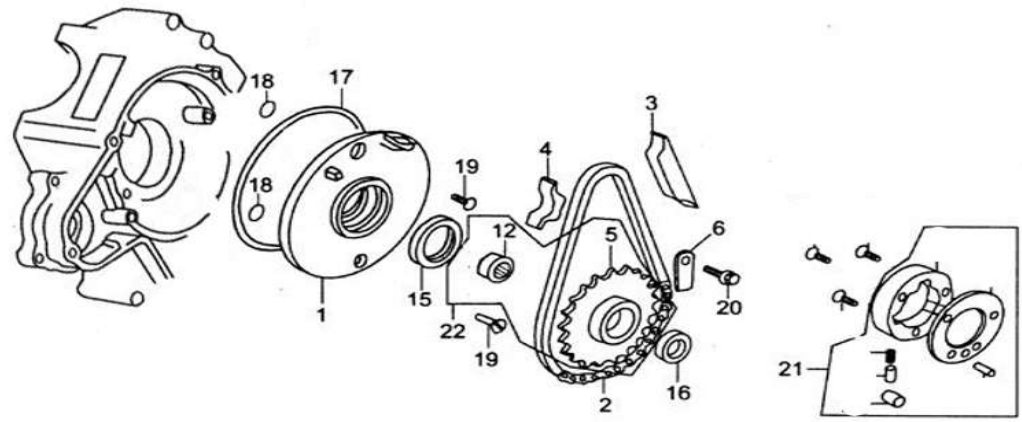


ef.N	Part No.	Description	Description	Quantity	
1	E08A048YB	plateau support allumage	Left Crankcase Cover Plate	1	
2	L00WG355YB	Couvercle PSB	Rear Cober.LH	1	
3	D00B001	Joint de carter gauche	Gasket,Crankcase,LH	1	
4	E02D050	allumage complet	Magneto Assy	1	
5	E03D060	Rotor	Rotor,Magneto	1	
6	D00185D070	Stator	Stator,Magneto	1	
8	D00A042BCR	Bouchon le petit Ø	A.c generator cap	1	
9	D00A043BCR	Bouchon le grand Ø	hole plug	1	
11	D00C051	Joint torique 27,4 × 2,4	O-ring 27.4×2.4	1	
12	D00C052	Joint torique 13,8 × 2,5	O-ring 13.8×2.5	1	
14	97008012	pion centrage 8 × 12	Set Pin 8×12	2	
20	D00L024	patte de serrage 5	Wire Clamp 5	1	
22	D00GA040YBY X1	Couvercle de carter gauche	Crankcase Cover,LH	1	
23	D002C062	Joint torique 107 × 2	O-ring 107×2	1	
24	D00C019	Joint d'étanchéité 30 × 42 × 4,5	Oil seal 30×42×4.5	1	
Oil Pump					



ef.N	Part No.	Description	Description	Quantity	
1	2001E000	pompe a huile	Oil pump Assembly	1	
5	15450/152FMH	crepine	Oil gauze filter	1	
10	819.1-06035	VIS M6X35	Screw M6×35	1	
11	819.1-06040	VIS M6X40	Screw M6×40	2	
15	11318/152FMI	pion centrage	Limit pin	2	
16	E04B017	JOINT POMPE A HUILE	Gasket,Oil Pump	1	

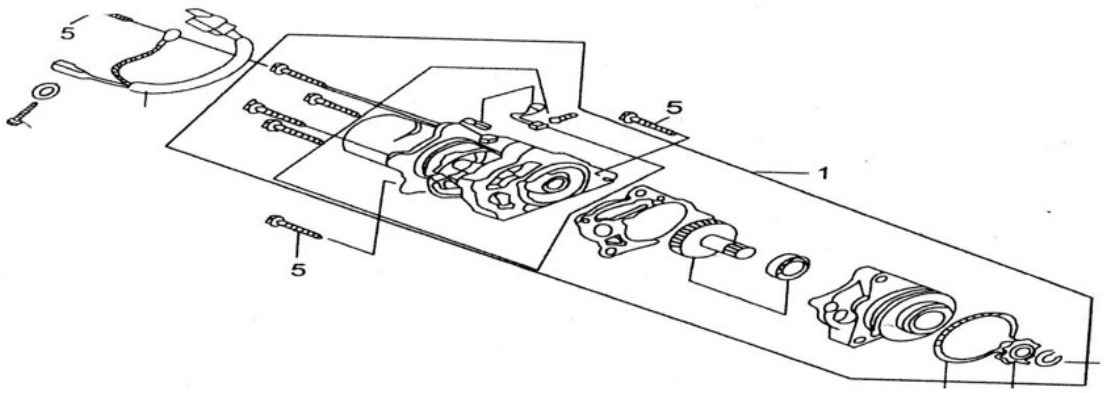
Starting Clutch



ef.N	Part No.	Description	Description	Quantity	
1	D001A060	Plateau	Oil Separate Plate	1	
2	D00I011	Chaîne de démarreure, 62 dents	Starting Chain,62T	1	
3	D00C006	Guide chaîne	Starter Chain Guide	1	
4	D00C007	Guide chaîne	Starter Chain Protector	1	
5	D00I020	Pignon de démarreur	Starting Sprocket Comp	1	
6	21407-G011-0000	PLAQUE	PLATE, START CLUTCH	1	
15	D00C019	Joint d'étanchéité 30 × 42 × 4,5	Oil seal 30×42×4.5	1	

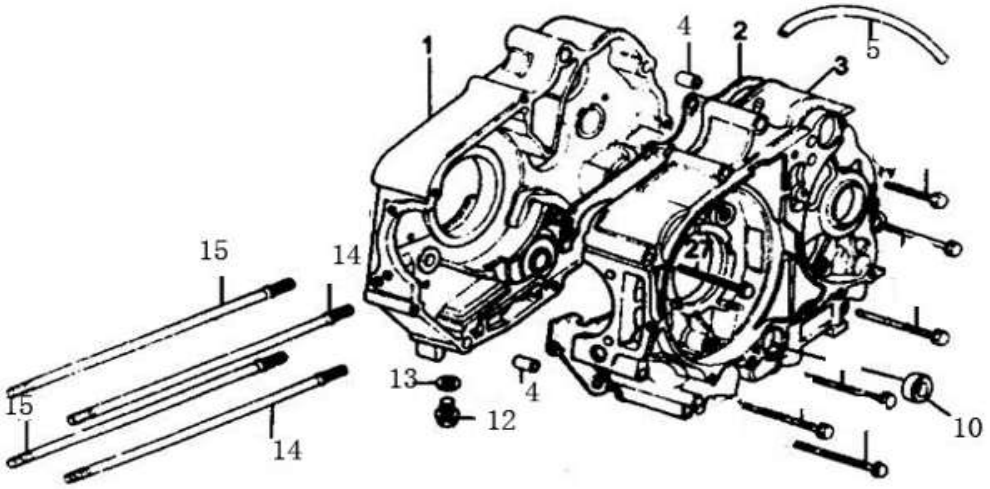
16	D00C028	Joint d'étanchéité 18,9 × 30 × 5	Oil seal 18.9×30×5	1	
17	31915/152FMH	Joint torique 107 × 2	O-ring 107×2	1	
18	31916/152FMH	Joint torique 6,8 × 1,9	O-ring 6.8×1.9	2	
19	81906016	Vis M6 × 16	Screw M6×16	2	
20	578306016	Vis M6 × 14	Screw M6×14	1	
21	242-10-21	Ensemble embrayage de démarrage	Start Clutch Assy	1	
22	242-10-22	Pignon	Sprocket	1	

Starting Motor



ef.N	Part No.	Description	Description	Quantity	
1	200D000LBX	Démarreur	Starting motor	1	
5	96006050	Boulon M6 × 50	Bolt M6×50	3	

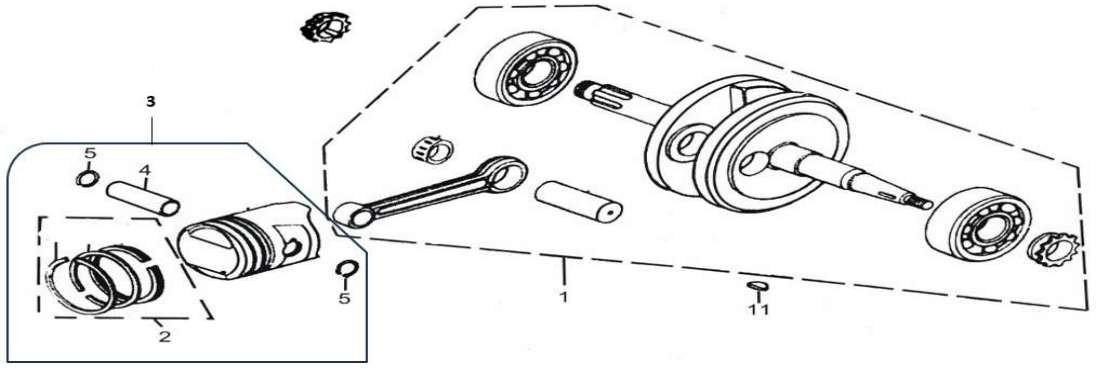
Crankcase



ef.N	Part No.	Description	Description	Quantity	
1	242A020PW	carter, côté droit	Crankcase Sub-Assy,RH	1	
2	E04B005	Joint, carter	Gasket,Crankcase	1	
3	242A010PW	carter, côté gauche	Crankcase Sub-Assy,LH	1	
3	2452A010PW	carter, côté gauche depuis 2023	Crankcase Sub-Assy,LH from 2023	1	

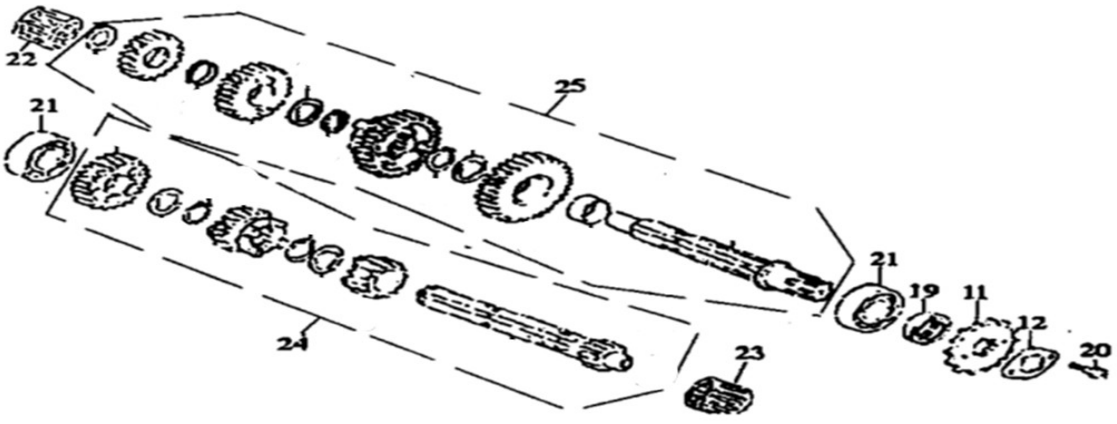
4	97010014	pion	pin	1	
5	D0011C024	Conduite d'air reniflar	Air pipe	1	
10	D00C026	Joint d'étanchéité 11,6 × 24 × 10	Oil seal 11.6×24×10	1	
12	D00E026BX	Bouchon de vidange	Drain plug	1	
13	D00L022	Rondelle	Washer	1	
14	206M002	goujon B, cylindre	Bolt B,Cylinder	2	
15	206M001	goujon A, cylindre	Bolt A,Cylinder	2	

Crankshaft& Piston



ef.N	Part No.	Description	Description	Quantity	
1	242J000	Vilebrequin et bielle	Crankshaft & Connecting Rod	1	
2	208J013	Jeu de segments de piston	Piston Ring Set	1	
3	KPC/56-13	Piston complet	Piston	1	
4	208J012	Axe de piston	Piston Pin	1	
5	D00J011	Circlip, axe de piston	Cirelip,Piston Pin	2	
11	13118/152FMH	Clavette	Woodruff Key	1	

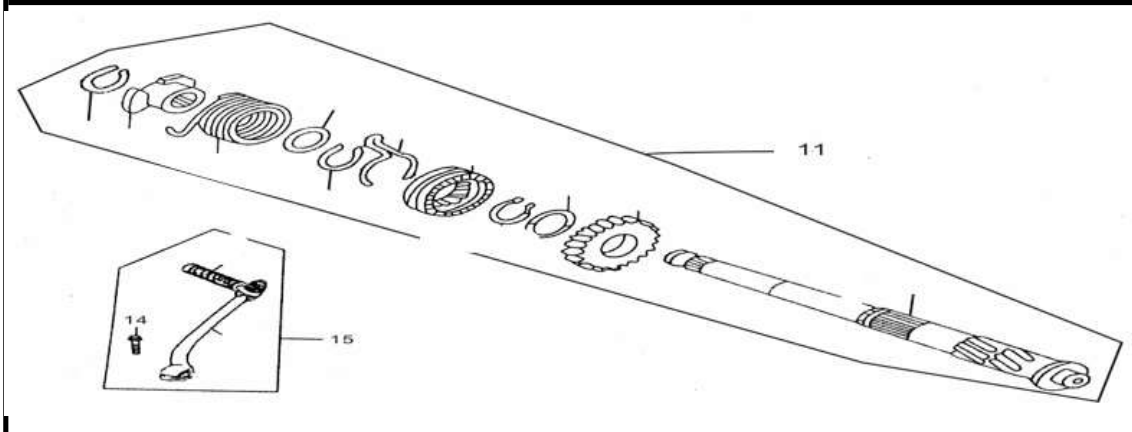
Transmission



ef.N	Part No.	Description	Description	Quantity	
11	22711/152FMZ15	psb	DRIVE SPROCKET 15T	1	
12	22712/152FMH	plaque psb	GEAR PLATE Ø 17	1	

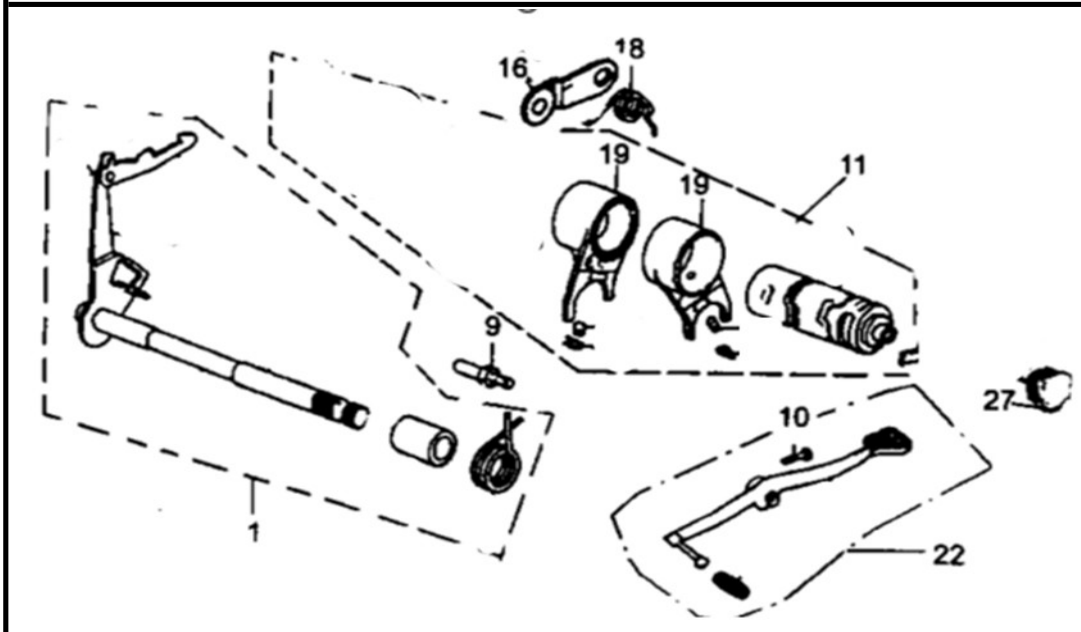
19	23790/152FMH	spi sorti boite	Oil Seal 17×29×5	1	
20	5783-06008	vis plaque psb	Bolt M6×8	2	
21	276-6203	roulement	Bearing 6203	2	
22	92102-0NK13.52212	ROULEMENT AIGUILLE ARBRE SECONDAIRE YX SUR CARTER MOTEUR DROIT	Needle Bearing NK13.5/2	1	
23	5801/NK14/12	roulement	Needle Bearing NK14/2	1	
24	A00K030	arbre de boite primaire	Main Shaft Assy	1	
25	A00K040	arbre de boite secondaire	Countershaft Assy	1	

Kick-Starter



ef.N	Part No.	Description	Description	Quantity	
11	D006I000	Ensemble arbre de démarrage	Starting Shaft Assy	1	
14	74-06020	Boulon M6 × 20	Bolt M6×20	1	
15	YC140-27500-SI	Ensemble pédale de démarrage	Kick-pedal Assy	1	

Gearshift Drum



ef.N	Part No.	Description	Description	Quantity	
1	C03K000	arbre de selecteur	Gearshift Shaft Assy	1	

9	24131/152FMH	vis guide ressort	Shift Return Spring Pin	1	
10	BT08-M6X30-W	vis M6x30	Bolt M6×30	1	
11	A004K060	barillet complet	Drum Set,Gearshift	1	
16	2081K070	ROULETTE VEROUILLAGE ETOILE DE SELECTION YX	Locating Plate	1	
18	24304-D002-0000	RESSORT	SPRING ,LOCATING PLATE	1	
19	FBR	FOURCHETTE DE BOITE	Fork(II)	2	
22	24700/152FMH/03	SELECTEUR DE VITESSE	Shift Lever As	1	
27	35739/152FMH	BOUCHON CAOUTCHOUC	Oil Seal	1	

Electric Elements



ef.N	Part No.	Description	Description	Quantity	
1	YC110-1503	cdi	CDI	1	
2	YC110-1502-01	regulateur de tension	Voltage Regulator	1	
3	YC110-1504	bobine ht	High Voltage Coil	1	
4	YC50-1510	relais demarreur	Starter Relay	1	
5	YC110-1501-2002	faisceau	Harness	1	
6	YC110-0105-01	bouton coupe circuit	Circuit Cut-Off Button	1	
7	YC110-1803-BK	carter psb	PSB Housing	1	
8	YC140-27500-SI	kick	starting kick	1	
9	24700/152FMH/03	slecteur	Selector	1	
10	18291/152FMH	joint collecteur	exhaust gasket	1	
11	YC110-0139-03	bouton de demarreur	starter button	1	