

ZS1P62YML-2(W190)

PARTS-LIST

(V3.0)



PARTS-BREAKDOWN CATALOGUE FOR ZS1P62YML-2 ENGINE

ZS1P62YML-2 (W190)

编 制: _____
校 对: _____
审 核: _____
审 定: _____
批 准: _____

FOREWORD

Please make reference to this book when you plan to purchase the parts. Any difference against the real motorcycle, please do as per the real. To get information concerning a certain component part, first locate, by its shape, the part in the illustration which show its fitting position, then find out the reference number of that part and look it up in the corresponding table where all informatng about the part are provided, such as the name, part number, quantity and/or its fitting relationship with other parts. Any modifications will not be informed ahead of time.

Doc. no (Model code) :W190

Brand Name :ZONGSHEN

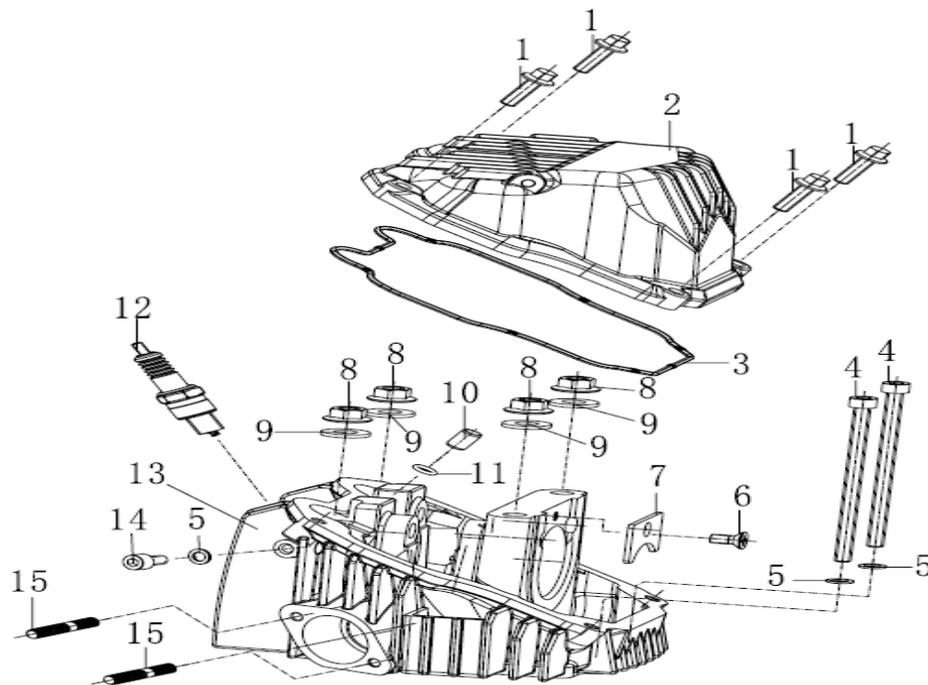
Revision Number:

Date of Release:1. 13. 2017

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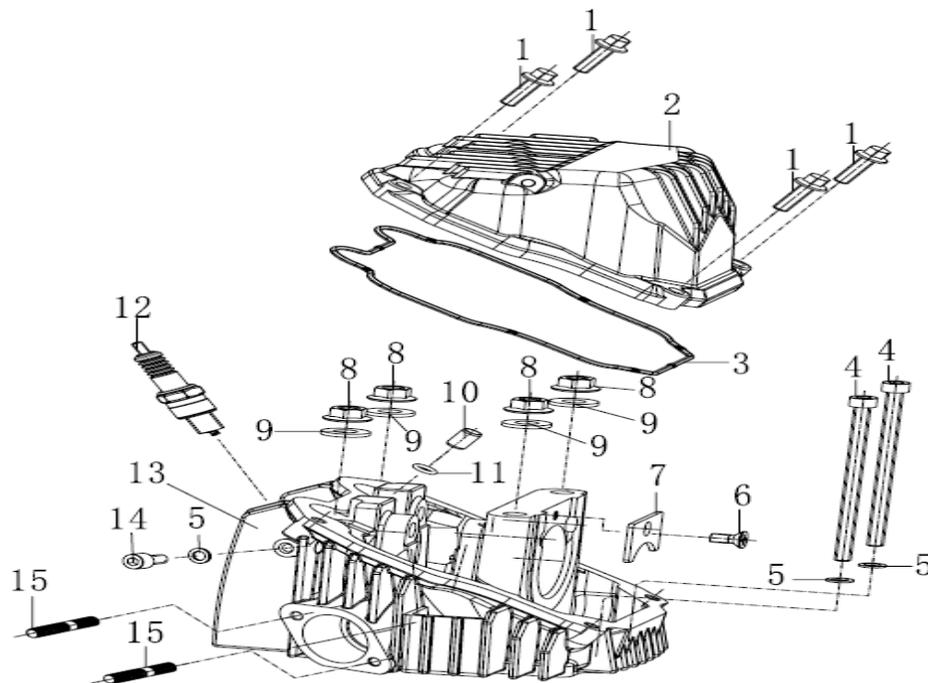
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32	MAGNETO COMP
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34	ELECTRIC
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CYLINDER HEAD ASSY



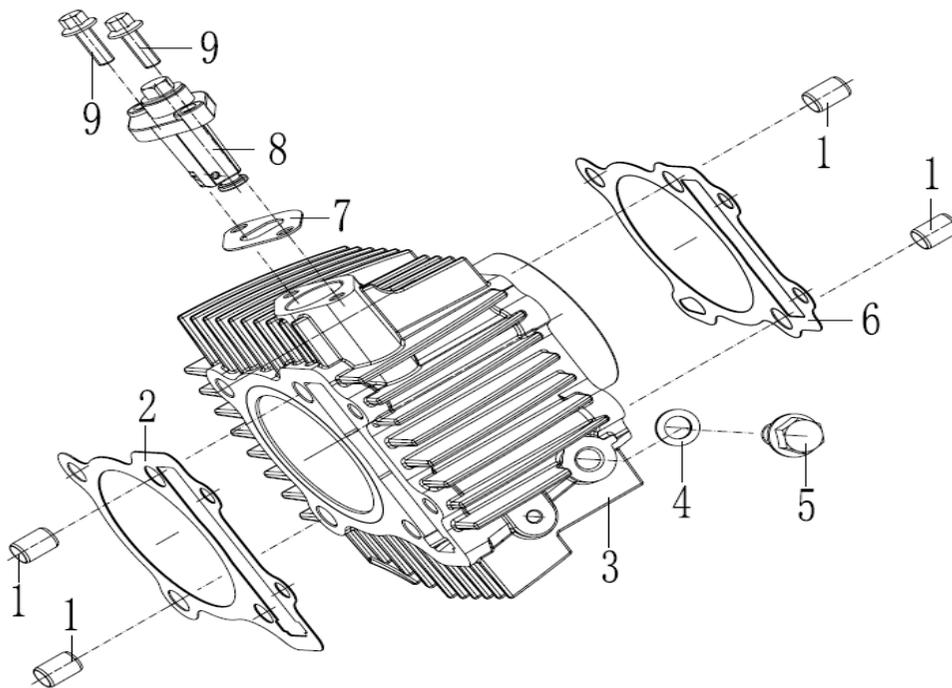
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100055588-0006	Bolt, M6×20	4	
2	100056258-0002	Cylinder End Loam Cake	1	
3	100061486	Seal Ring, Of Upper Cover Cylinder Head	1	
4	100032827-0001	Bolt, M6×105	2	
5	100106562	Washer, φ6.2×1×φ10	3	
6	100010971-0003	Screw, M6×12	1	
7	100061405	Rocker Axle Dead Plate	1	
8	100100535-0006	Nut	4	
9	100106576	Washer, φ8.5×2×φ18	4	
10	100100867	Dowel Pin, φ8×12×φ6.3	1	

CYLINDER HEAD ASSY



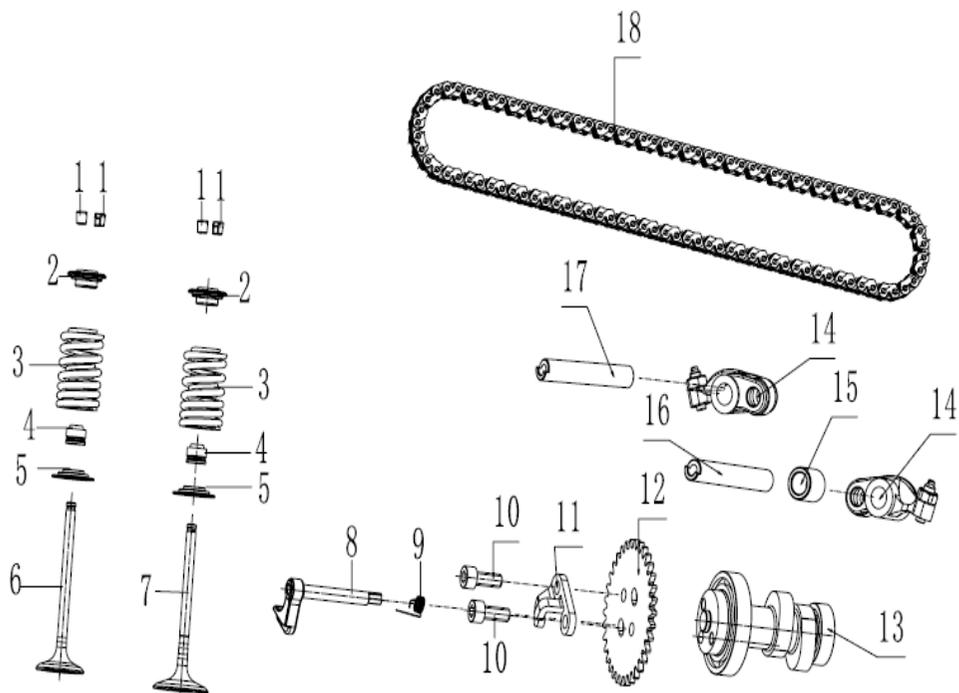
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100107798	O-Ring, $\phi 6.5 \times 1.8$	1	
12	100104154	Spark Plug	1	
13	100056259-0002	Cylinder End Combination	1	
14	100010835-0001	Bolt, M6 \times 10	1	
15	100100441-0005	Bolt, M6 \times 32	2	

CYLINDER ASSEMBLY



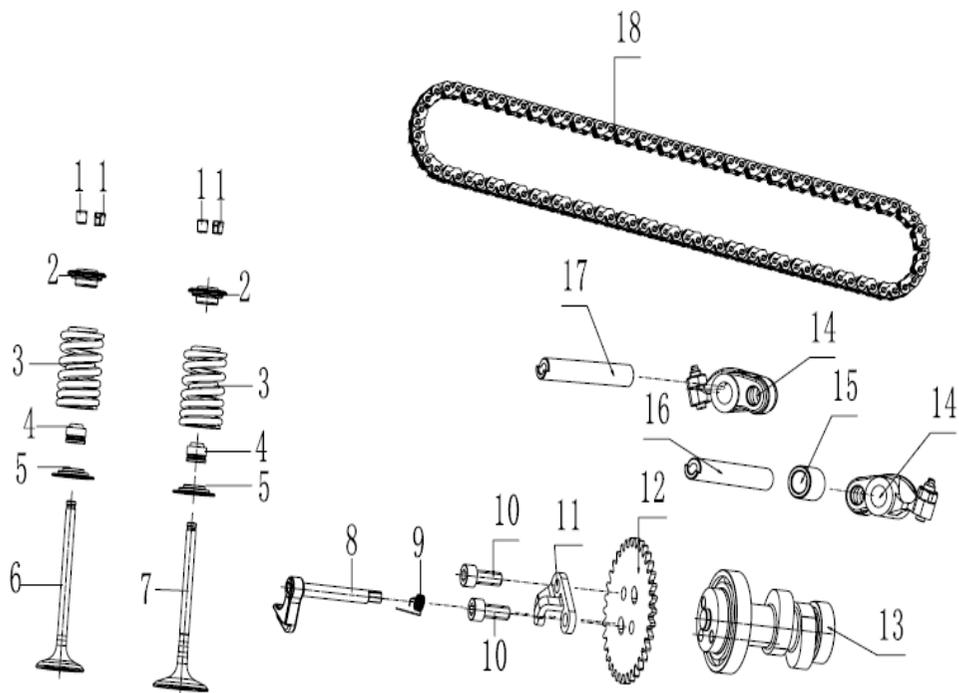
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100010557	Pin, $\phi 10 \times 14$	4	
2	100208887	Gasket Assy Cylinder Head	1	
3	100061501-0001	Cylinder Block Assembly	1	
4	100106579	Washer, $\phi 10 \times 1.2 \times \phi 16$	1	
5	100100418-0001	Bolt, M10 \times 16 \times 1.25	1	
6	100208605	Gasket Cylinder Block	1	
7	100208743	Gasket Tensioner	1	
8	100200521-0001	Chain Tensioning Wheel	1	
9	100011531-0007	Bolt, M6 \times 18	2	
10				

VALVE MECHANISM



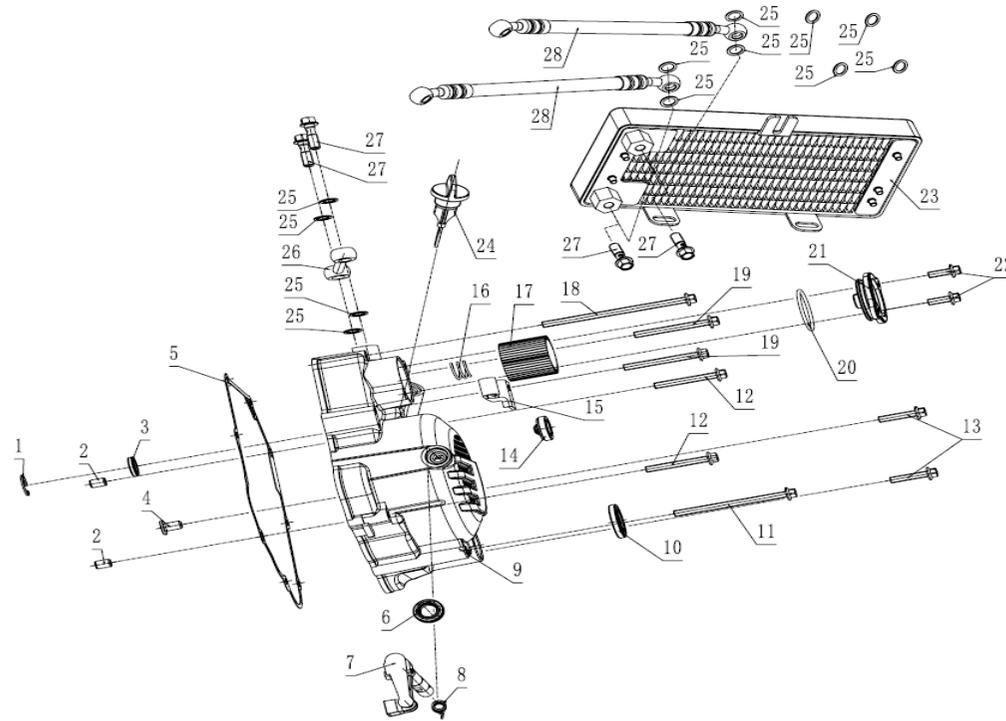
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100105320	Valve Locker	4	
2	100200691	SpRing, Seat	2	
3	100200726	Inner SpRing, Assy	2	
4	100105334	Seal Valve Stem	2	
5	100200702	Outer Valve SpRing, Retainer	2	
6	100061495	Exhaust Valve	1	
7	100061496	Intake Valve	1	
8	100061498	Centrifugal Mass Ass	1	
9	100057814	Decompression SpRing, Of Camshaft	1	
10	100010837-0002	Bolt, M6×16	2	

VALVE MECHANISM



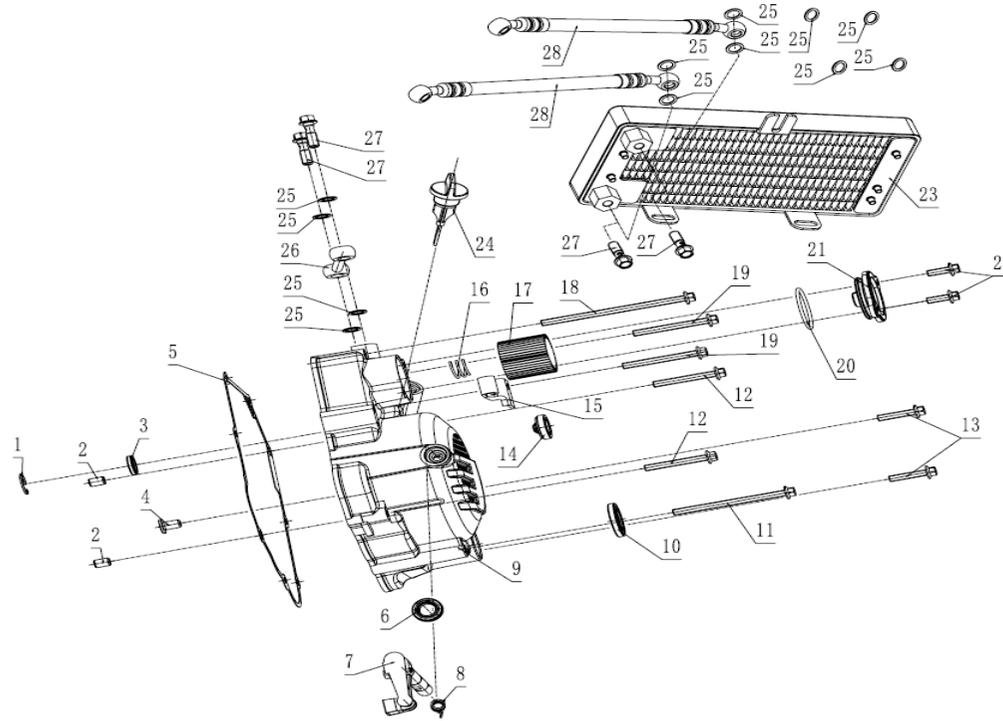
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100057815	Limit Plate Reducting Valve	1	
12	100105059	Timing Driven Sprocket	1	
13	100061326	Gamp Shaft Comp	1	
14	100200333	Rocker Arm Parts	2	
15	100061404	Rocker Axle Shaft Sleeve	1	
16	100061403	Rocker Axle	1	
17	100061402	Rocker Axle	1	
18	100105108	Sproket Chain	1	

RIGHT CRANKCASE COVER



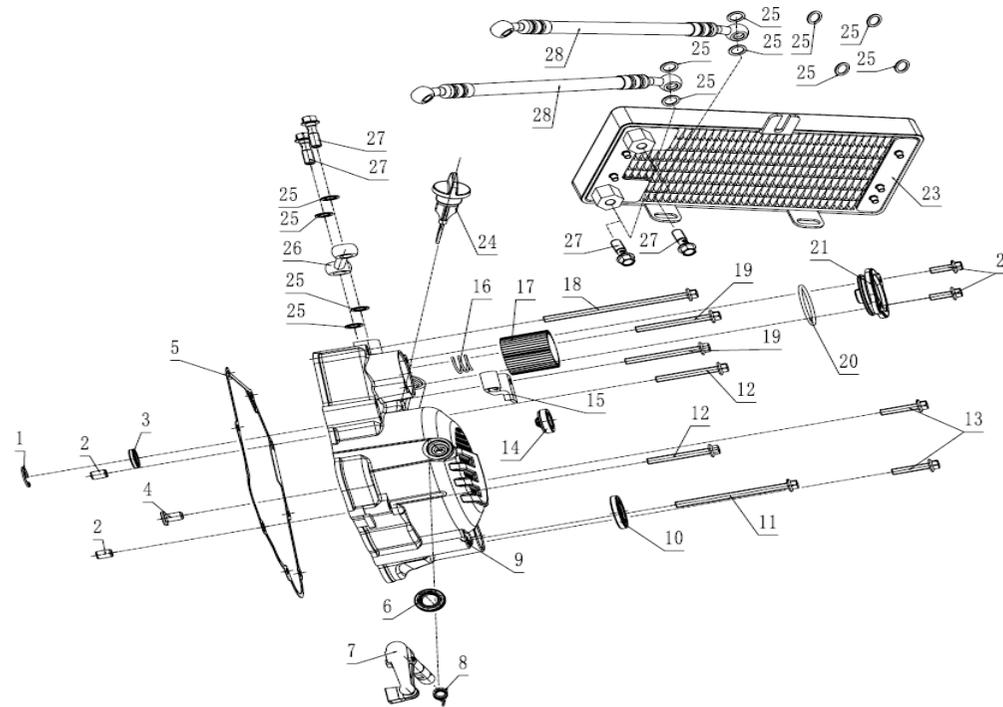
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100032994	Retaining Ring, 20	1	
2	100100867	Dowel Pin, $\phi 8 \times 12 \times \phi 6.3$	2	
3	100104807	Oil Seal $12 \times 20 \times 5$	1	
4	100203079	Pushing Rod Clutch	1	
5	100208653	Gasket R.Crankcase Cover	1	
6	100104760	Oil Seal $10 \times 17 \times 5$	1	
7	100106292-0001	Controlling Arm Assembly Clutch	1	
8	100203124	Clutch Controlling Arm Spring	1	
9	100055897-0003	Cover Comp Right Crankcase	1	
10	100104740	Oil Seal $26 \times 16 \times 7$	1	

RIGHT CRANKCASE COVER



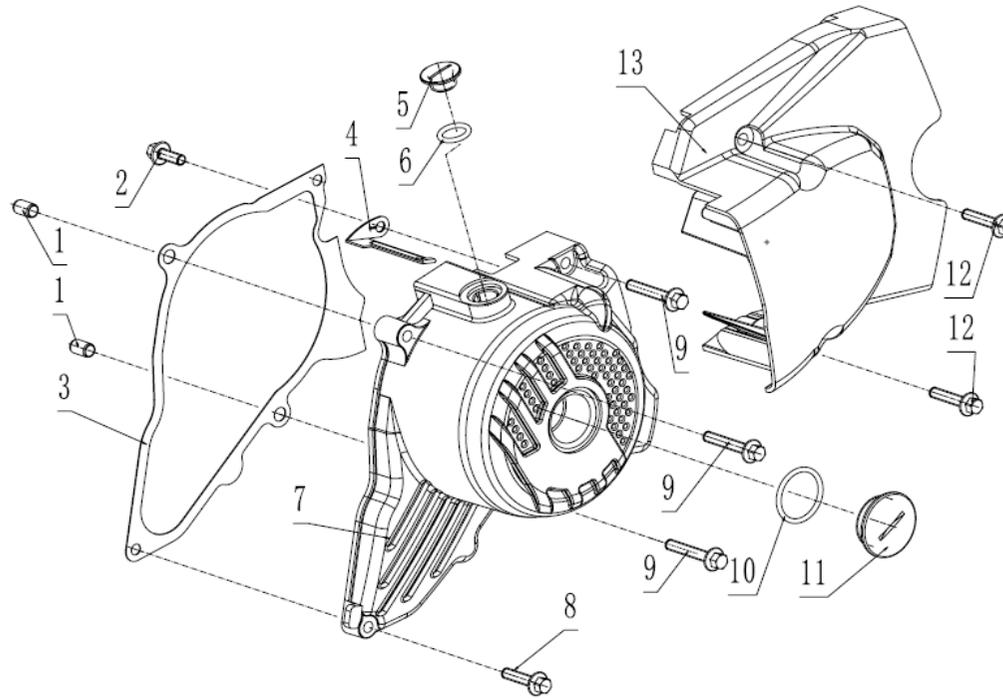
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100033089-0005	Bolt, M6×90	1	
12	100011540-0007	Bolt, M6×50	2	
13	100011536-0002	Bolt, M6×30	2	
14	100101320	Oil Lelve Sight Window	1	
15	100203112-0001	Holder Cliutch Cable	1	
16	100100015	SpRing,Oil Fine Filter	1	
17	100200036	Oil Filter	1	
18	100011546-0001	Bolt, M6×115	1	
19	100011542-0001	Bolt, M6×60	2	
20	100031588	O-Ring, $\phi 38.6 \times 2.6$	1	

RIGHT CRANKCASE COVER



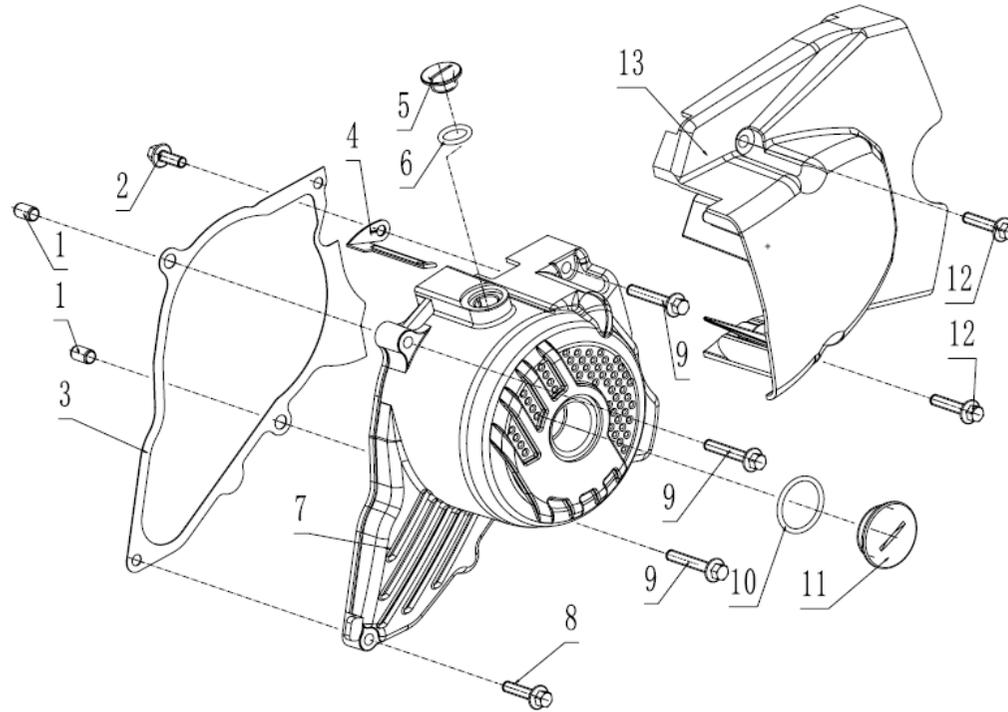
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
21	100204438-0002	Cap Oil Filter	1	
22	100011531-0007	Bolt, M6×18	2	
23	100062064	Oil Cooler Comp	1	
24	100104873	Oil Ruler Assy	1	
25	100106578	Washer, φ10×1×φ14	12	
26	100201818	Fuel Pipe	1	
27	100100347-0001	Bolt, M10×1.25	4	
28	100201806	Oilpipe Assy	2	

LEFT CRANKCASE COVER



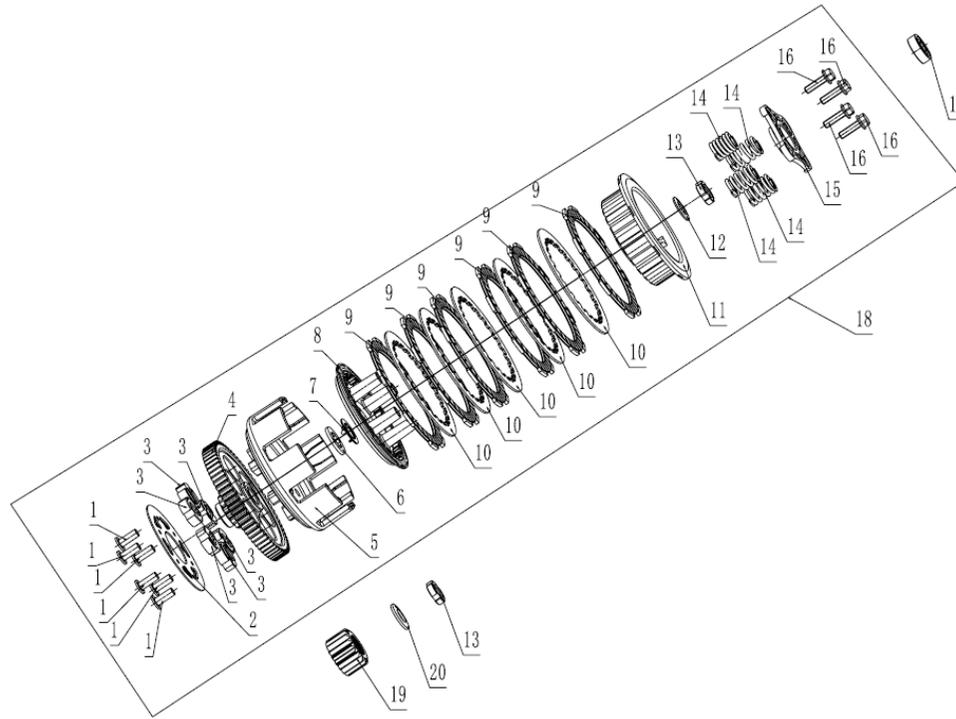
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100100867	Dowel Pin, $\phi 8 \times 12 \times \phi 6.3$	2	
2	100055589-0006	Bolt, M6 \times 16	1	
3	100061485	Gasket L.Crankcase Cover	1	
4	100103067	Fixing Plate Magneto Cable	1	
5	100103059-0003	Cap Small View Hole	1	
6	100010074	O-Ring, $\phi 13.2 \times 2.65$	1	
7	100055896-0003	Front Part, L.Crankcase Cover	1	
8	100011534-0002	Bolt, M6 \times 25	1	
9	100011537-0002	Bolt, M6 \times 35	3	
10	100107731	O-Ring, $\phi 27.4 \times 2.65$	1	

LEFT CRANKCASE COVER



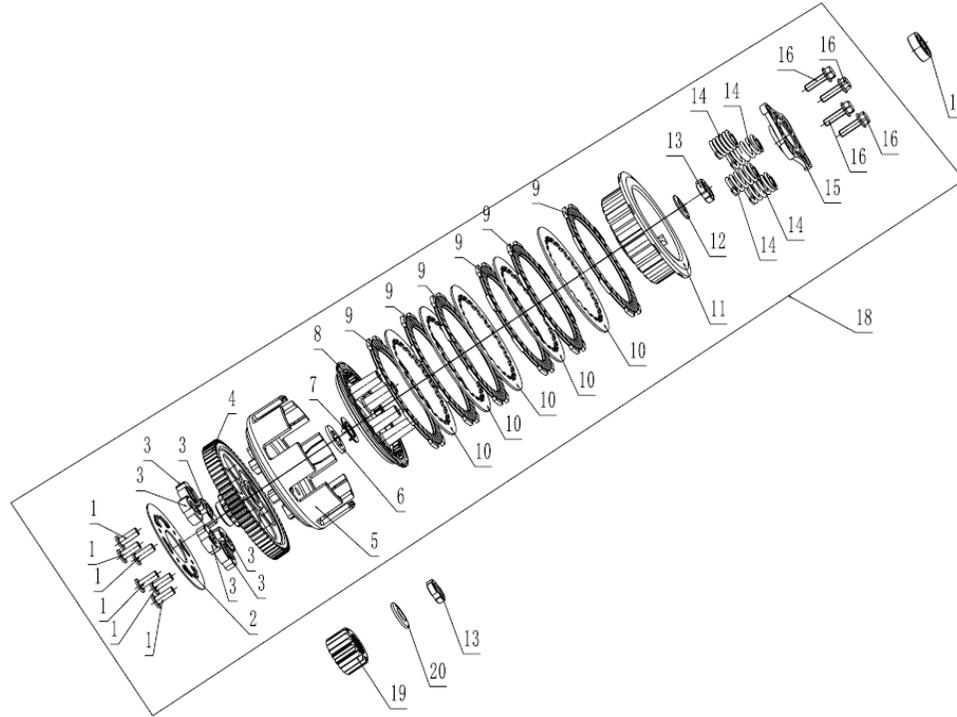
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100103062-0003	Cap Big View Hole	1	
12	100055587-0006	Bolt, M6×28	2	
13	100202216-0080	Back Part L.Crankcase Cover	1	

CLUTCH ASSY



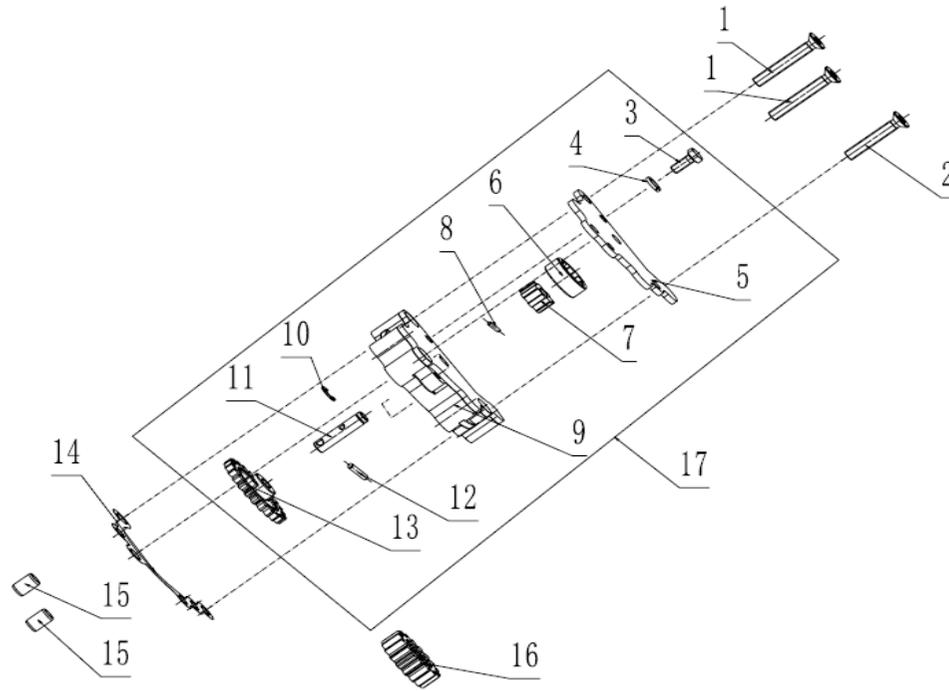
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100301454	Screw	6	
2	100107948	Clutch Driven Gear Cover	1	
3	100107896	Clutch Dash Pot Slipcover	6	
4	100057812	Gear	1	
5	100057811	Outer Cover	1	
6	100103340	Washer	1	
7	100103350	Fixing Ring,Clutch	1	
8	100301365	Pressure Plate Clutch	1	
9	100103413	Drive Friction Disk	6	
10	100103420	Outer Friction Disk A	5	

CLUTCH ASSY



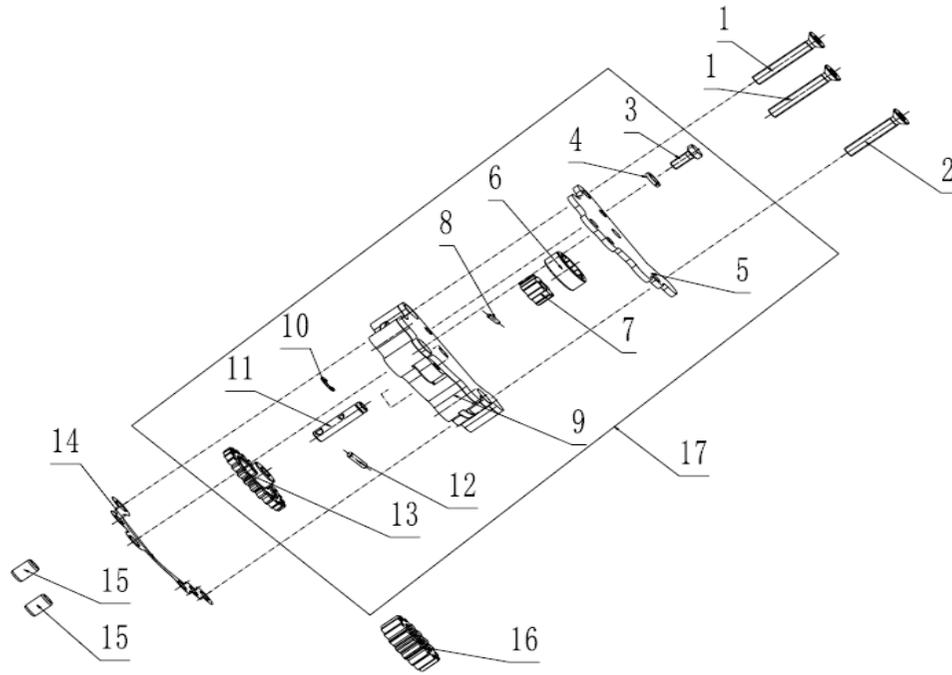
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100301331	Center Sleeve Clutch	1	
12	100103344	Dish Washer, Clutch	1	
13	100100514	Lock Nut Clutch	2	
14	100103393	SpRing, Clutch	4	
15	100301352	End Cover Clutch	1	
16	100011267-0003	Bolt, M6×22	4	
17	100031716	BeaRing, 6000	1	
18	100062659	Clutch Assembly	1	
19	100103481	Primary Drive Gear	1	
20	100202891	Dish Washer, Clutch	1	

OIL PUMP



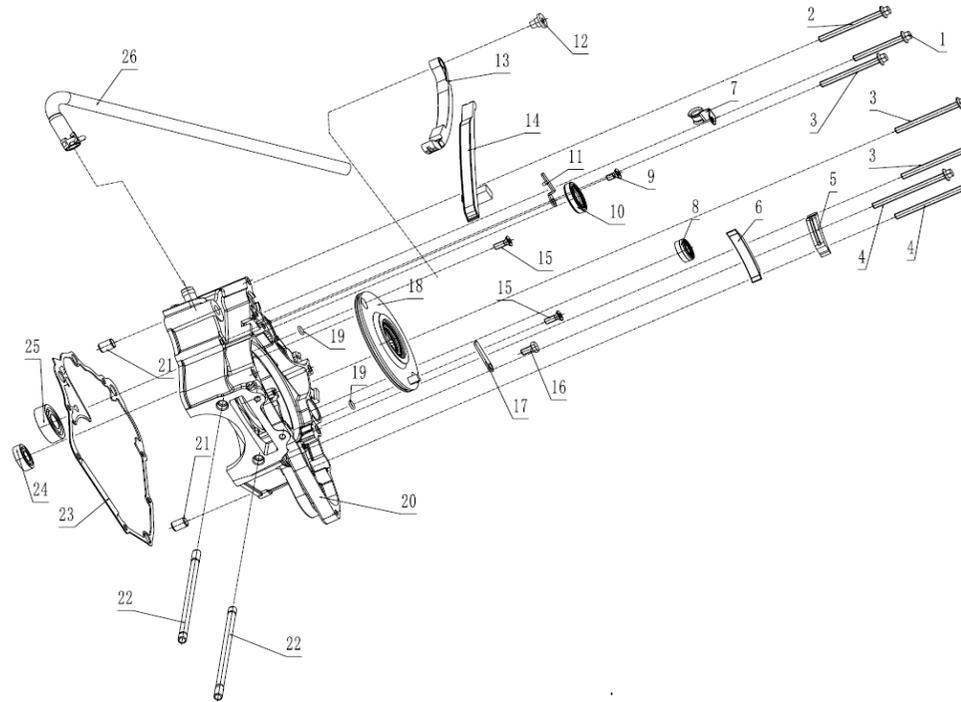
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100031834-0002	Screw, M6×40	2	
2	100031833-0002	Screw, M6×35	1	
3	100011168-0003	Bolt, M5×12	1	
4	100010886	Washer, φ6	1	
5	100100164	Oil Pump Cover	1	
6	100204609	Outer Rotor Oil Pump	1	
7	100204584	Inner Rotor Oil Pump	1	
8	100032893	Pin, φ3×16	1	
9	100100185	Oil Pump Body	1	
10	100011110	Retaining Ring, 5	1	

OIL PUMP



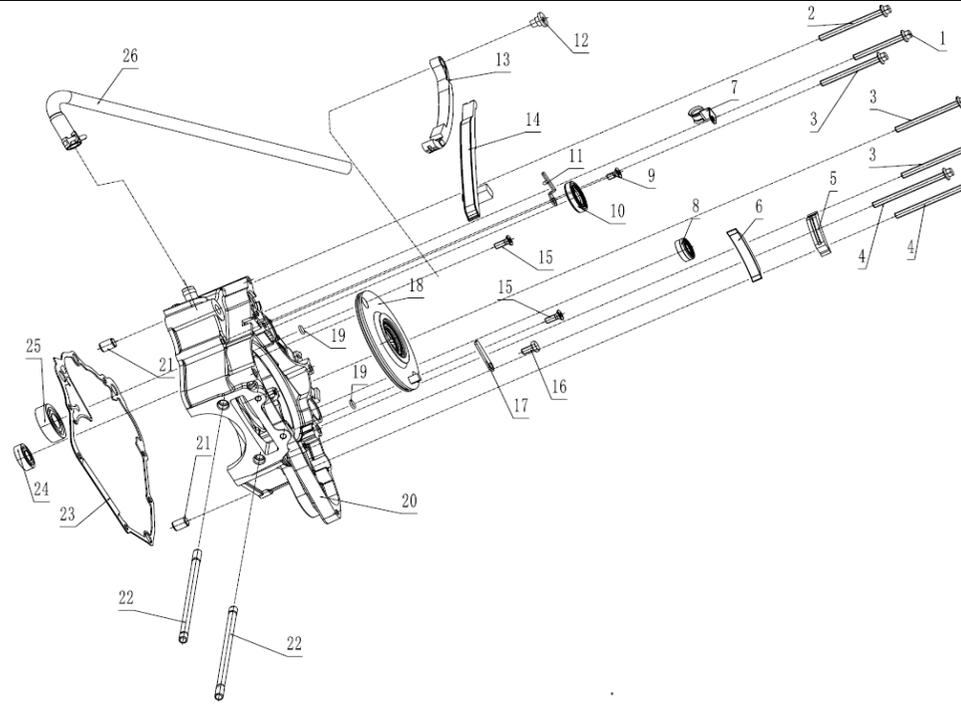
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100204491	Shaft Oil Pump	1	
12	100100212	Pin	1	
13	100204526	Oil Pump Gear Ass.	1	
14	100208730	Gasket Oil Pump	1	
15	100100867	Dowel Pin, $\phi 8 \times 12 \times \phi 6.3$	2	
16	100100097	Drive Gear Oil Pump	1	
17	100100055	Oil Pump Assy	1	

LEFT CRANKCASE



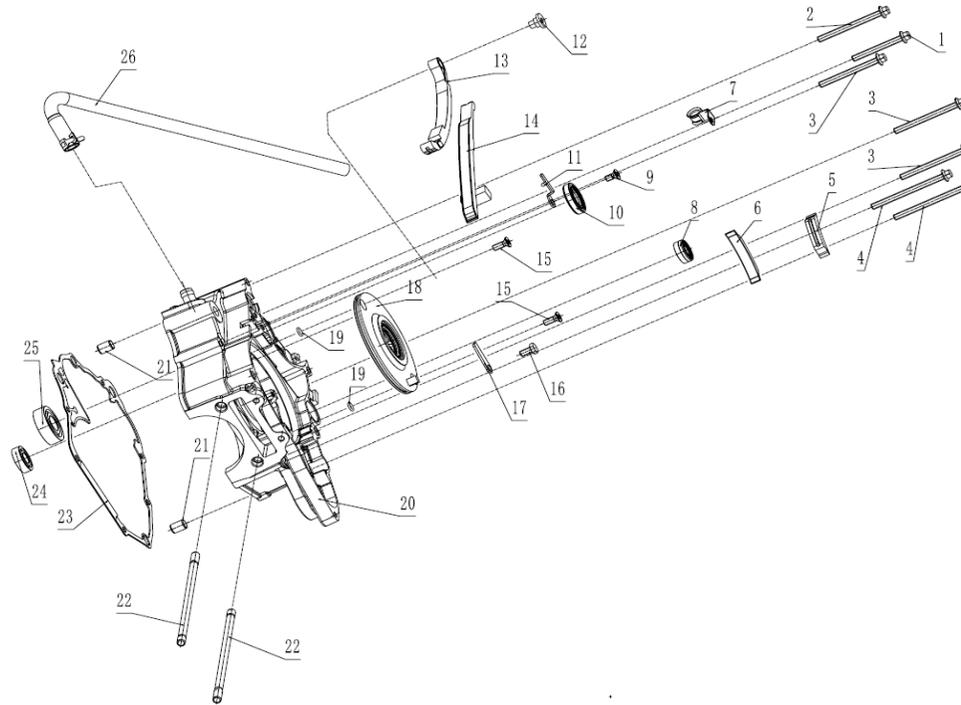
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100031958-0007	Bolt, M6×55	1	
2	100011543-0001	Bolt, M6×65	1	
3	100031959-0007	Bolt, M6×70	3	
4	100031960-0007	Bolt, M6×80	2	
5	100061492	Assembly Chain Protect Plate	1	
6	100061491	Assembly Guide Plate	1	
7	100100000-0005	Clip High Voltage Wire	1	
8	100104647	Oil Seal 11.6×24×10	1	
9	100031851-0004	Screw, M6×12	1	
10	100104696	Oil Seal 17×29×5	1	

LEFT CRANKCASE



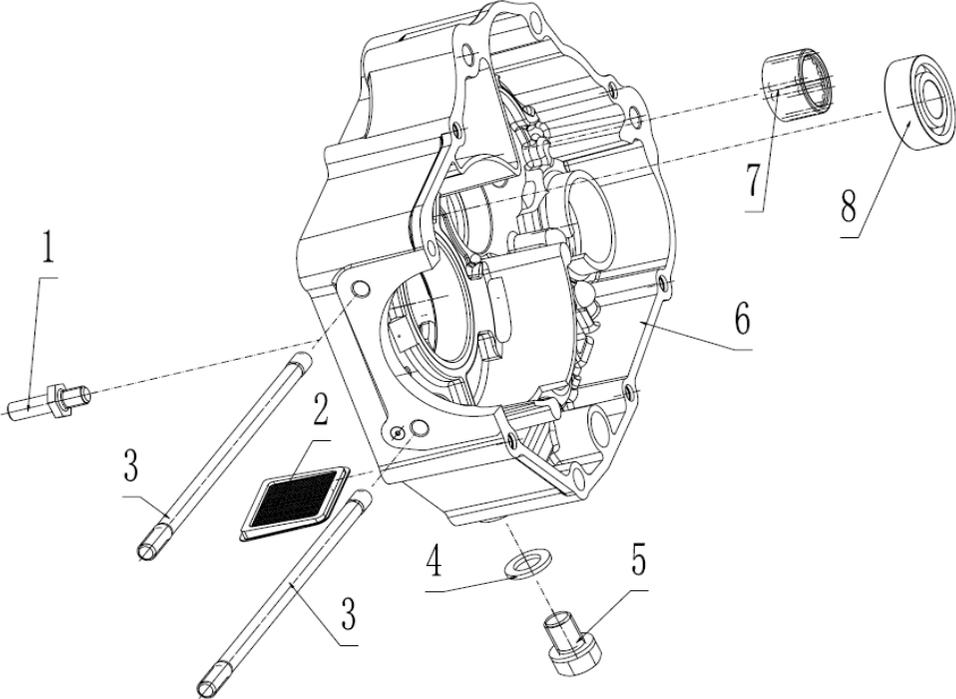
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100104485	Gearshift Switch Pressing Plate	1	
12	100100425-0001	Bolt	1	
13	100200477	Tension Plate Assy	1	
14	100200500	Guide Plate Chain	1	
15	100010972-0003	Screw, M6×16	2	
16	100011171-0002	Bolt, M6×12	1	
17	100103247	Plate Start Clutch	1	
18	100060674	Disk Insulator	1	
19	100107798	O-Ring, $\phi 6.5 \times 1.8$	2	
20	100055898-0003	Left Crankcase Block	1	

LEFT CRANKCASE



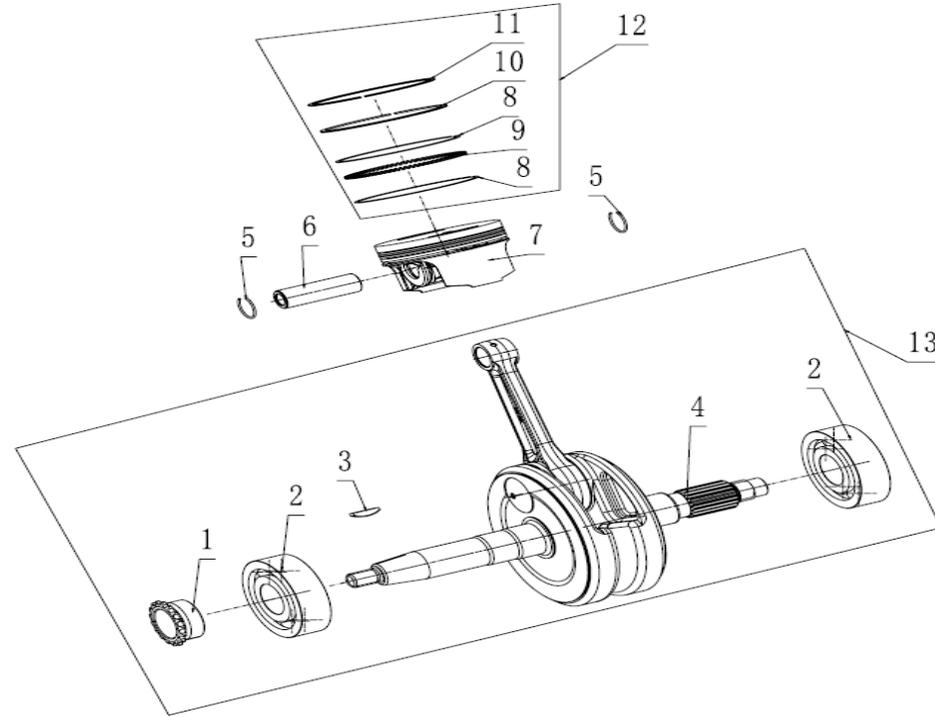
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
21	100010557	Pin, $\phi 10 \times 14$	2	
22	100100267	Cylinder Stud Bolt A	2	
23	100208717	Gasket Crankcase	1	
24	100100973	BeaRing, (6001)	1	
25	100100988	BeaRing, (6203)	1	
26	100102977	Pipe Assy	1	

RIGHT CRANKCASE



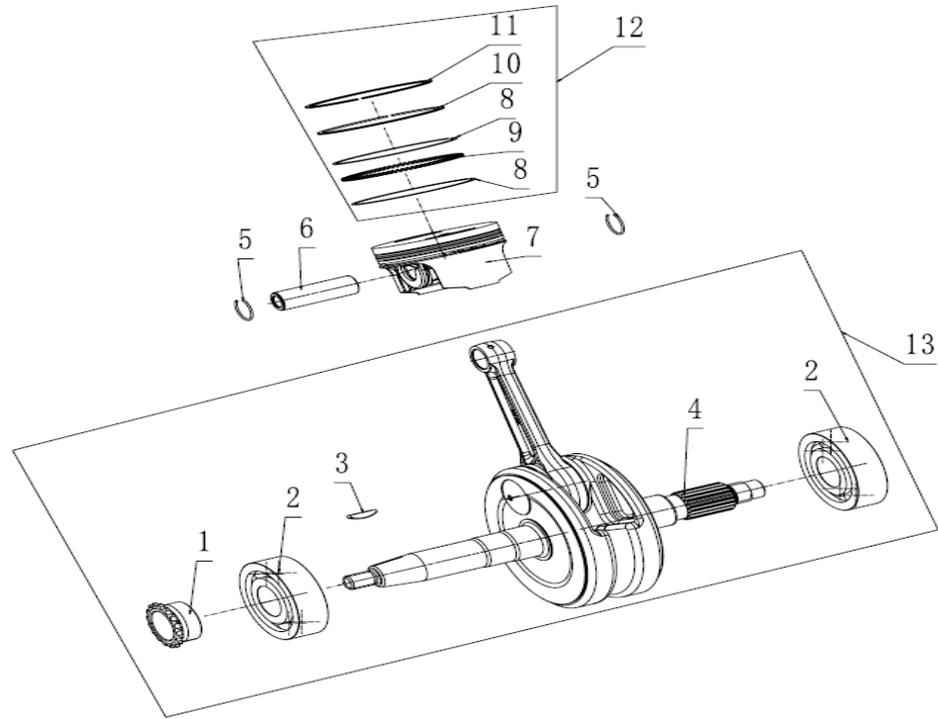
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100100392	Bolt Return Springn Fixing, 8×11	1	
2	100104941	Strainer Oil Filter	1	
3	100100320	Cylinder Stud Bolt B	2	
4	100106548	Washer, $\phi 12.1 \times 2 \times \phi 20$	1	
5	100100331-0006	Oil Drain Plug	1	
6	100055899-0002	Right Crankcase Block	1	
7	100101164	Needle BeaRing, (Nk15×27×12)	1	
8	100100988	BeaRing, (6203)	1	

CRANKSHAFT CONNECTING-ROD ASSY/PISTON



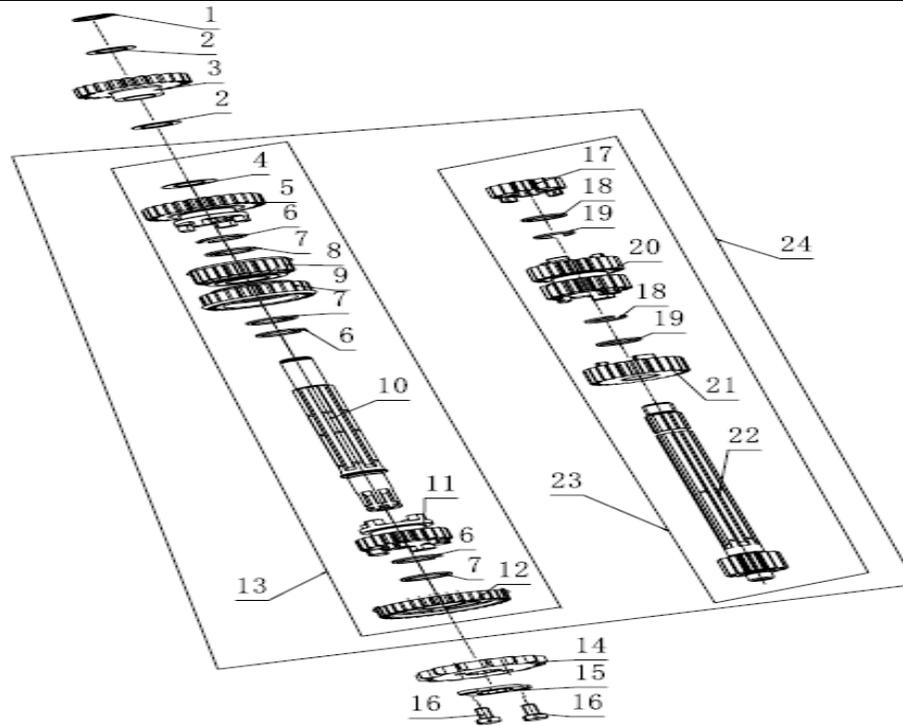
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100303132	Hub Dump Chain Sprocket	1	
2	100101108	BearRing, (63/22_P63)	2	
3	100100639	Semicircular Key	1	
4	100071511	Connecting Rod Comp	1	
5	100100584	Check Ring Piston Pin	2	
6	100101535	Pin,Piston	1	
7	100061500	Piston	1	
8	100071537	Oil Loop	2	
9	100071538	Oil Ring	1	
10	100067475	Piston Loop	1	

CRANKSHAFT CONNECTING-ROD ASSY/PISTON



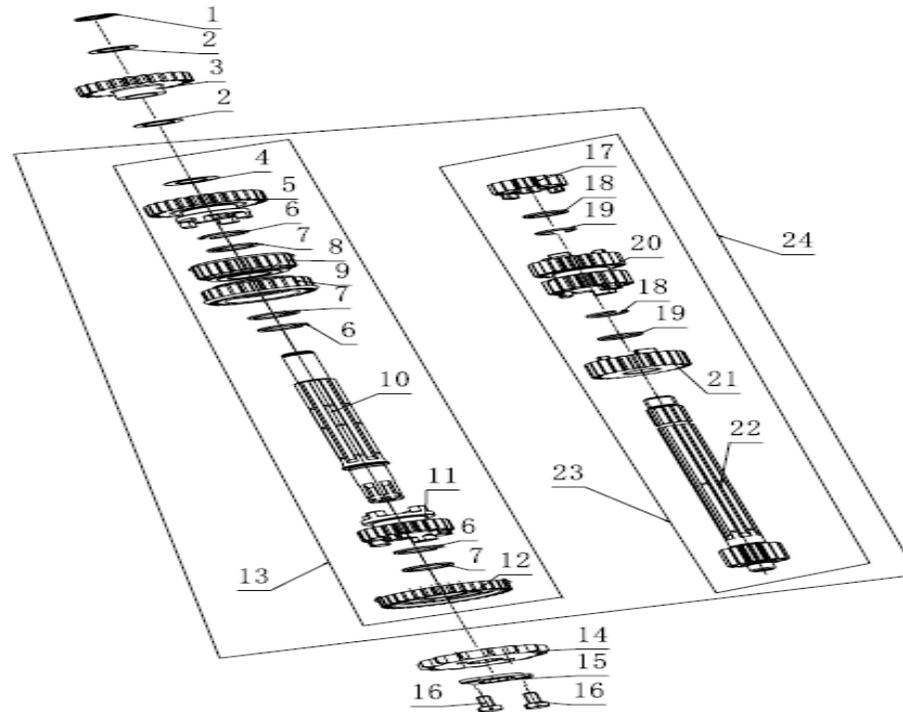
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100067474	Piston Loop	1	
12	100064591	Piston Ring, Comp	1	
13	100056263	Crankshaft Connecting-Rod Assy	1	
14				
15				
16				
17				
18				
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20				

TRANSMISSION MAIN, COUNTER SHAFT



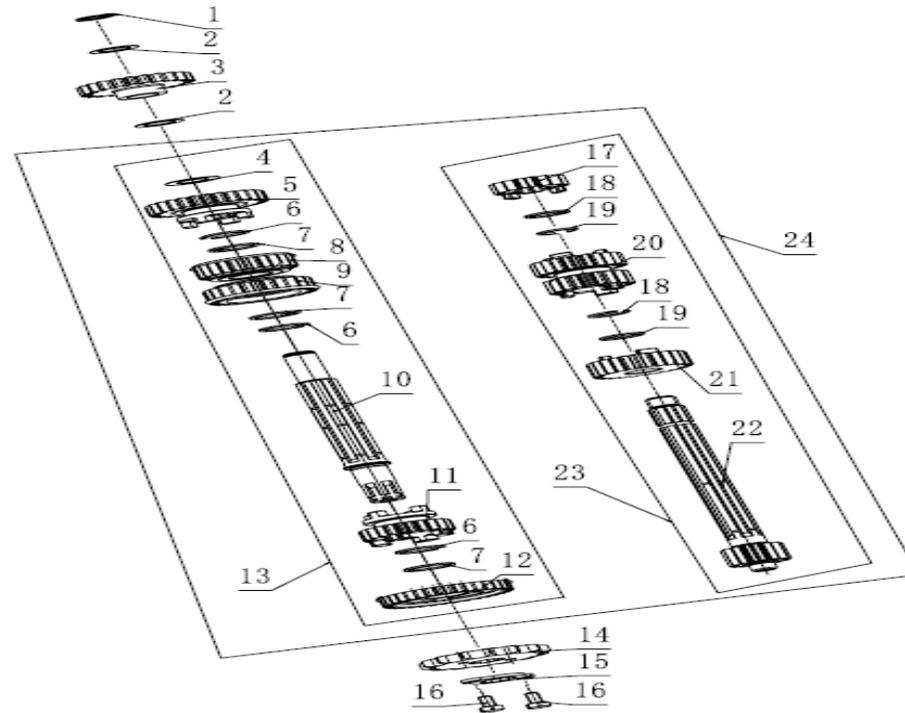
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100011097	Retaining Ring, 15	1	
2	100106417	Washer, $\phi 15.2 \times 0.5 \times \phi 23$	2	
3	100103783	Gear	1	
4	100300794	Washer, $\phi 15.2 \times 0.5 \times \phi 26$	1	
5	100062010	Countershaft Second Gear	1	
6	100100628	Check Ring, $\phi 18.5$	3	
7	100304548	Washer	3	
8	100062012	Countershaft Four Speed Gear	1	
9	100062011	Countershaft Third Gear	1	
10	100062020	Countershaft Dabber	1	

TRANSMISSION MAIN, COUNTER SHAFT



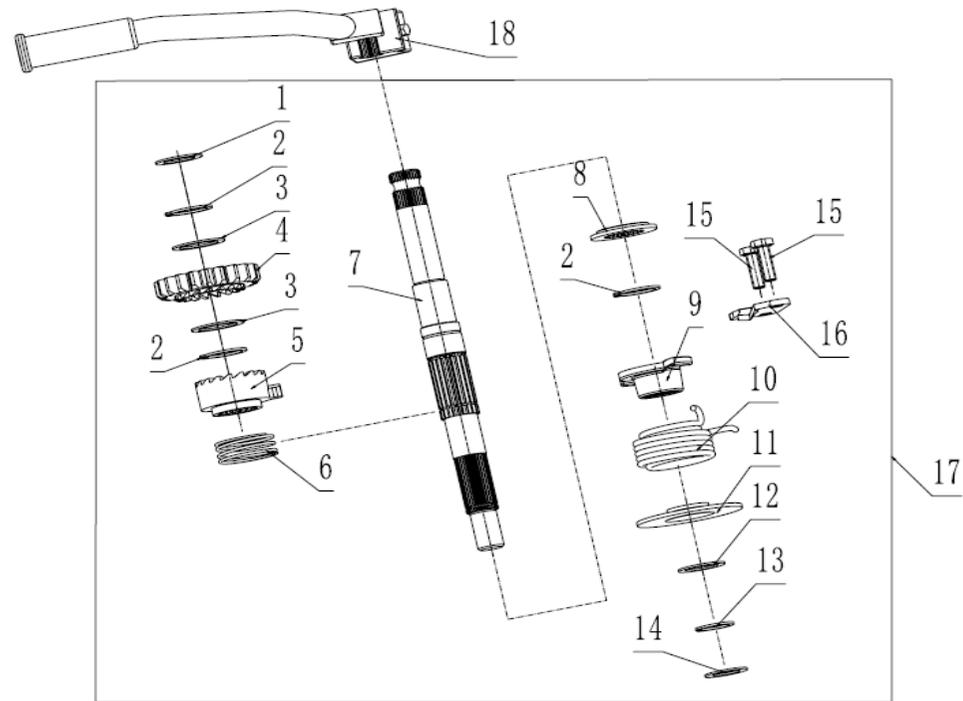
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100062013	Countershaft Five Speed Gear	1	
12	100062009	Countershaft First Gear	1	
13	100062019	Countershaft Combination	1	
14	100103801	Drive Sprocket	1	
15	100203657	Fixing Plate Drive Sprocket	1	
16	100031911-0004	Bolt, M6×10	2	
17	100062016	Principal Axis Second Gear	1	
18	100103645	Washer, 15.5(17.2)×1.2×21	2	
19	100103657	Circlip	2	
20	100062017	Principal Axis Three Four Gear	1	

TRANSMISSION MAIN, COUNTER SHAFT



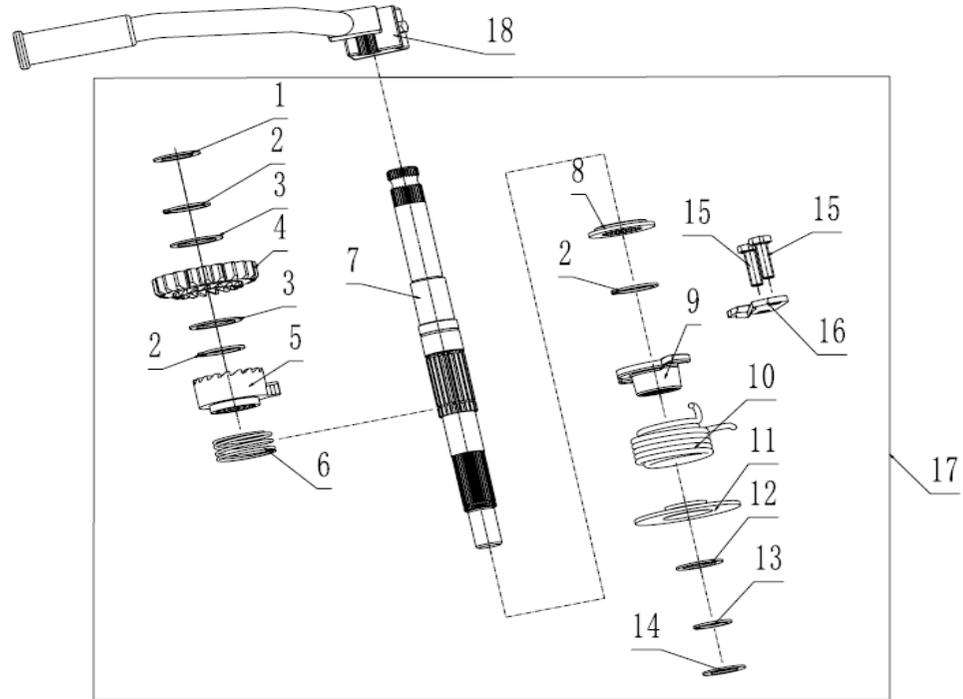
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
21	100062018	Countershaft Five Speed Gear	1	
22	100062015	Principal Axis Dabber	1	
23	100062014	Principal Axis Combination	1	
24	100056260	Advocate Countershaft	1	

KICK STARTING SHAFT ASSEMBLY



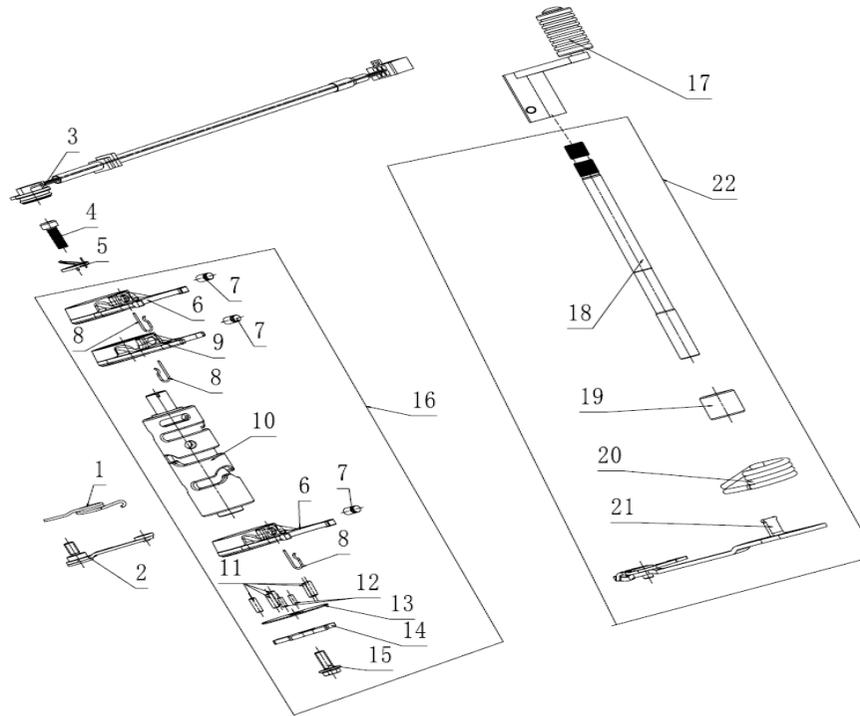
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100106512	Washer, $\phi 16.1 \times 1 \times \phi 24$	1	
2	100100596	Circli, $\phi 18.5 \times 1.2 \times \phi 22.1$	3	
3	100106524	Washer, $\phi 20.1 \times 1 \times \phi 27$	2	
4	100105775	Gear Kick Starter	1	
5	100303345	Starting Ratchet	1	
6	100105786	SpRing, Kick Starting Ratchet Wheel	1	
7	100063242	Pivot Kick Starting Shaft	1	
8	100105790	SpRing, Support	1	
9	100105736	Seat SpRing, Kick Starting Shaft	1	
10	100303320	Return SpRing, Kick Starting Shaft	1	

KICK STARTING SHAFT ASSEMBLY



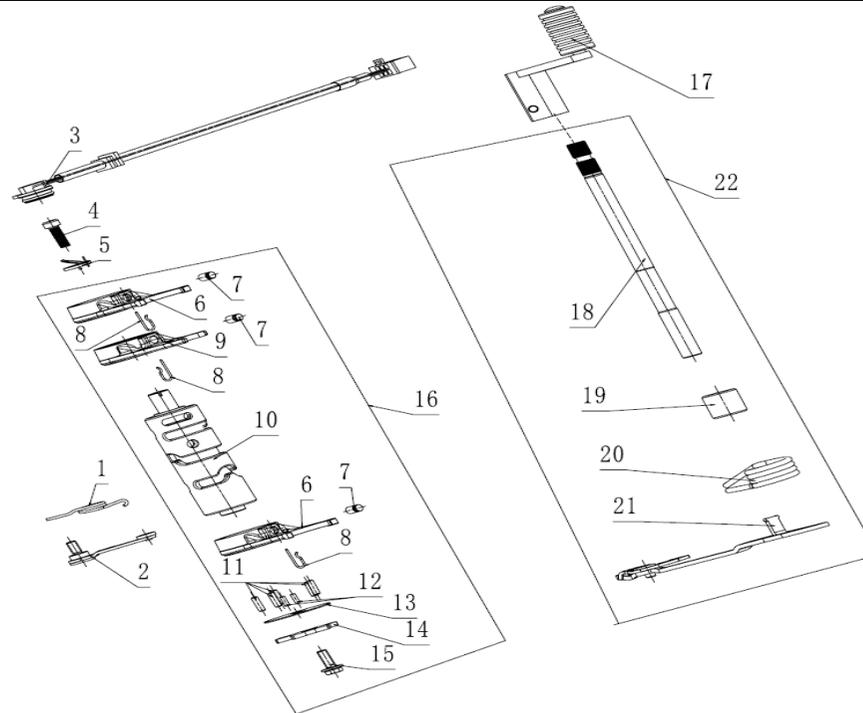
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100303317	Seat SpRing,Kick Starting Shaft	1	
12	100106518	Washer, $\phi 17.2 \times 1 \times \phi 24$	1	
13	100100595	Circli, $\phi 15.5 \times 1.2 \times \phi 19$	1	
14	100106508	Washer, $\phi 14.1 \times 1 \times \phi 22$	1	
15	100011174	Bolt, M6 \times 20	2	
16	100303357	Guide Plate	1	
17	100061494	Kick Starting Shaft Assembly	1	
18	100303421	Start-Up Bar Comp	1	

GEARSHIFT MECHANISM



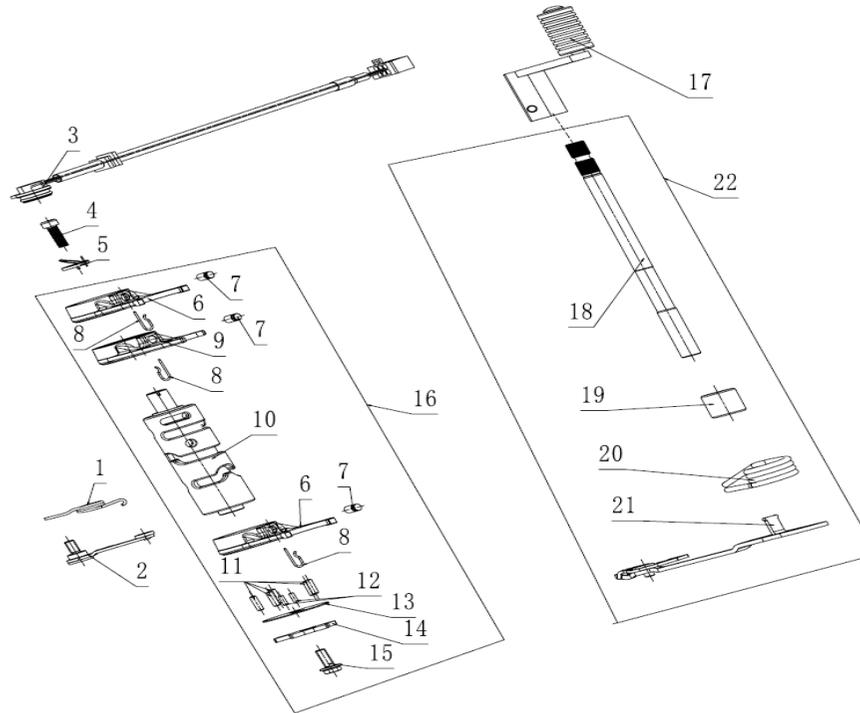
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100203931	SpRing, Locating Plate	1	
2	100203961	Locating Plate Assy	1	
3	100208389-0002	Gearshift Switch Lamp	1	
4	100100466-0001	Screw	1	
5	100104486	Contact Gearindication	1	
6	100062847	Gearshift Fork	2	
7	100100887	Pin $\Phi 3 \times 8.5$	3	
8	100103892	Clip, Spring	3	
9	100062848	Gearshift Fork	1	
10	100062905	Gearshift Drum	1	

GEARSHIFT MECHANISM



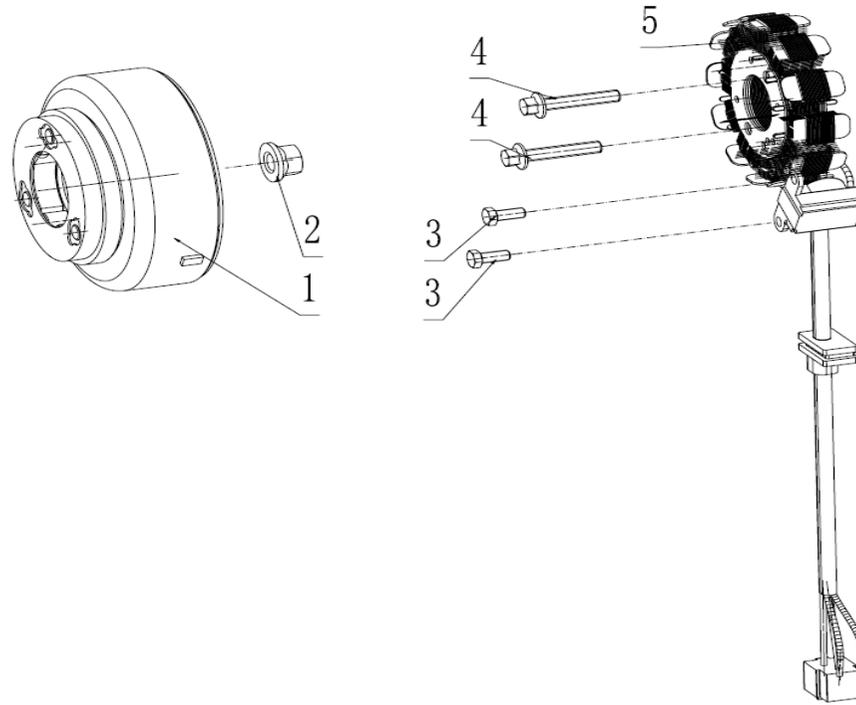
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
11	100100901	Pin $\phi 4 \times 13$	5	
12	100100887	Pin $\phi 3 \times 8.5$	2	
13	100203854	Press Plate Of Gearshift Drum	1	
14	100062846	Stopping Plate	1	
15	100100419	Bolt M6 \times 16	1	
16	100061489	Gearshift Drum Comp	1	
17	100204006	Gearshift Shaft	1	
18	100071615	Gearshift Shaft Comp	1	
19	100104000	Sleeve Of Gearshift Lever Comp	1	
20	100103969	Return Spring	1	

GEARSHIFT MECHANISM



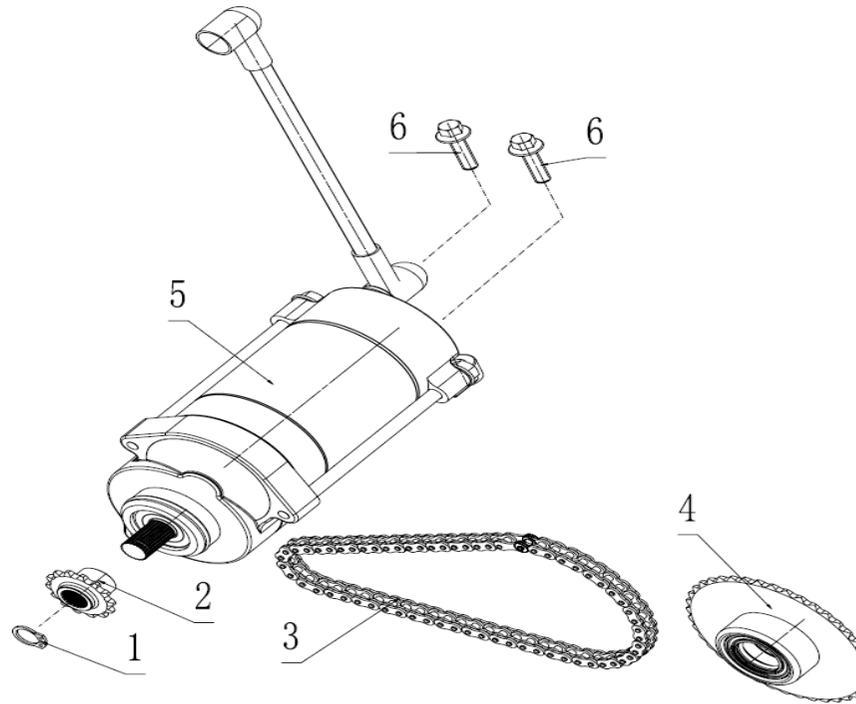
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
21	100071614	Shift Arm Group	1	
22	100203866	Gearshift Lever Comp	1	

MAGNETO COMP



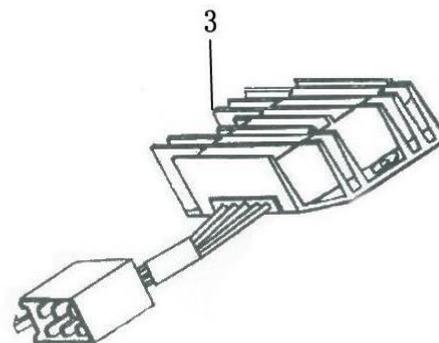
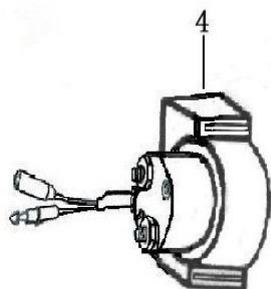
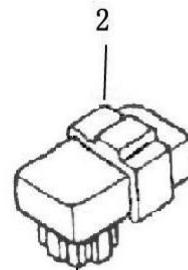
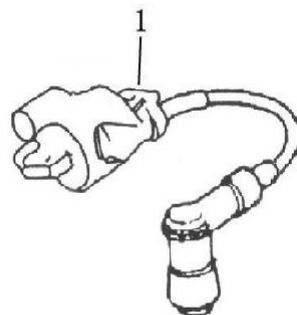
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100062214	Rotor Assy, Magneto	1	
2	100204698-0001	Nut	1	
3	100011168-0003	Bolt, M5×12	2	
4	100011534-0002	Bolt, M6×25	2	
5	100205021-0001	Stator Assy Magneto	1	

ELECTRIC STARTING MECHANISM



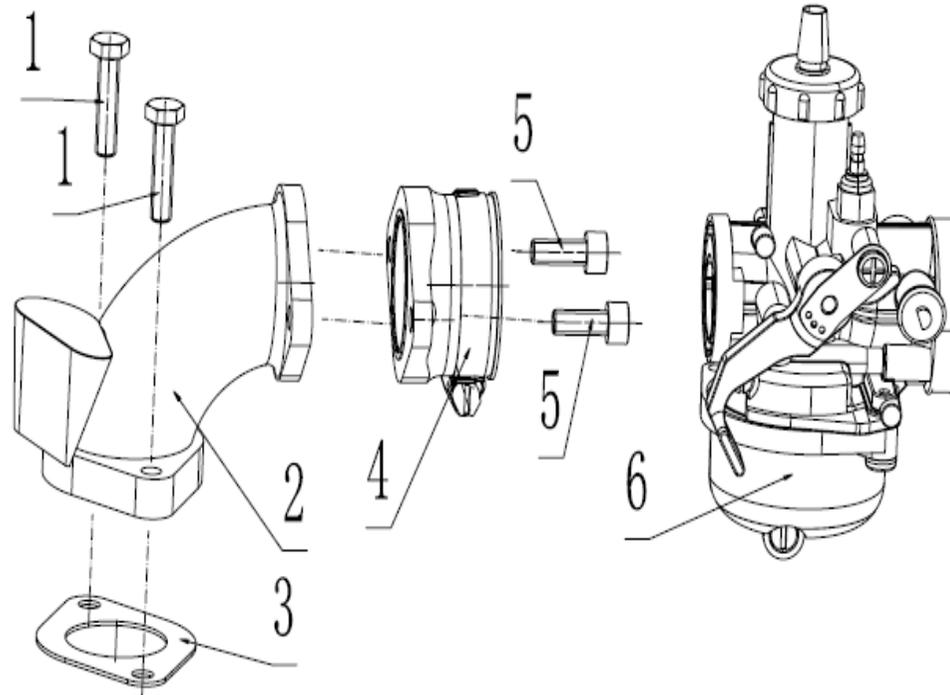
NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100033003	Retaining Ring, 11	1	
2	100061487	Sprocket	1	
3	100061493	Starting Motor Drive Chain	1	
4	100062065	Plate Gear Assy	1	
5	100061488-0001	Starting Motor Assy	1	
6	100011533-0005	Bolt, M6×22	2	
7				
8				
9				
10				

ELECTRIC



NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	宋体	Ignition Coil	1	
2	100204310	C. D. I	1	
3	100205413	Rectifier	1	
4	100205381	Relay	1	

INLET SYSTEM



NO.	PART CODE	ENGLISH DESCRIPTION	QTY	REMARK
1	100011175-0007	Bolt, M6×25	2	
2	100201072	Inlet Pipe	1	
3	100201151	Gasket Inlet Pipe	1	
4	100061525	Intake Manifold	1	
5	100010837-0002	Bolt, M6×16	2	
6	100061653	Carburetor	1	

DESCRIPTION

Vehicle Type	W190 ZS1P62YML-2
Engine Type	single cylinder, 4 stroke
Cooling System	OIL-COOLED
Drive System	chain
Piston Displacement (cc)	187.2ml
Bore*Stroke	62mm×62mm
Compression Rate	(10.6~11.3): 1
Maximum Power (kw/r/min)	12/9500
Maximum Torque (N.m./rpm)	13/8000
Starter System	KICK/ELEC START
Gears	MANUAL 5 GEARS
Ignition Type	CDI
SIZE (Length*Width*Hight) mm	460*325*230
Weight (kg)	24
MAKE OF ENGINE	ZONGSHEN

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