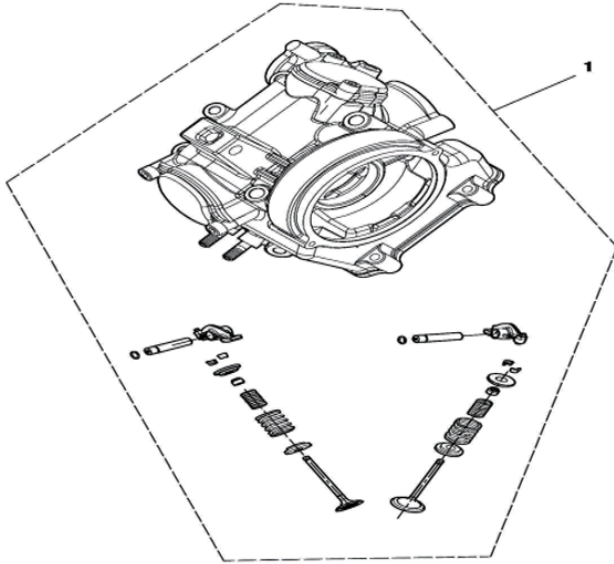


2024 BAD BOY 550 ENGINE

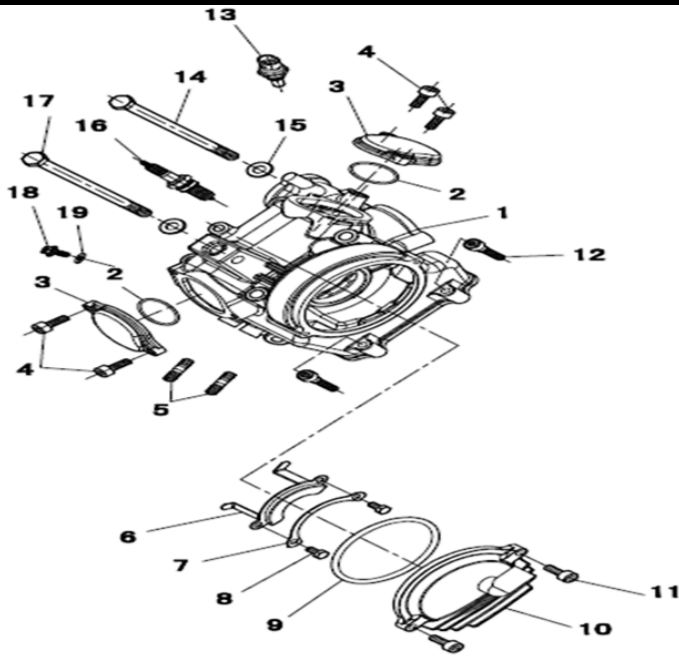
CYLINDER HEAD ASSEMBLY



ENGINE

No	Part Number	Description	QTY
1	P015000122000100	Complete Cylinder Head Assembly	1

CYLINDER HEAD COMPONENTS

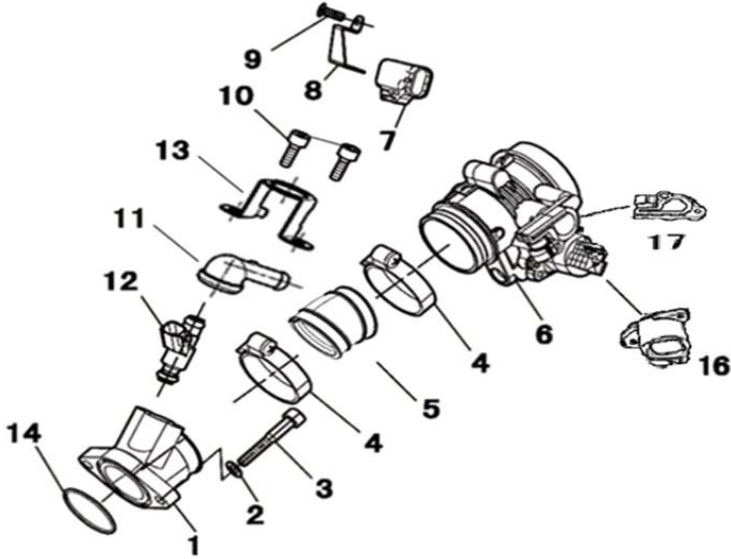


ENGINE

No	Part Number	Description	QTY
1	P0150001220A0000	Bare Cylinder Head	1
2	PJ00000912016100	O-Ring 58x2.4	2
3	P002000123010000	Cover, Intake Valve	2
4	BGB70M620	Hexagon Socket Head Cap Screws M6x20	4
5	BGB901M845B	Stud M8x45	2
6	P004000122020000	Press Plate, Cam Shaft	1
7	P004000122030000	Bolts Limiting Plate	1
8	BGB5783M616	Hexagon Head Bolts M6x16	2
9	PJ00000912017700	O-Ring 107x2.4	1
10	P004000123210000	Cover, Cylinder Head Left	1
11	BGB5787M625	Hexagon Flange Bolts M6x25	2
12	BGB70M840	Hexagon Socket Head Cap Screws M8x40	2
13	P010000391300010	Water Temperature Sensor	1
14	P015000110180000	Cylinder Bolts M10x1.25x261	2
15	PJ00000906020400	Copper Washer 10x18x2	4
16	P002000333000000	Spark Plug NGK DR8EA	1
17	P015000110120000	Cylinder Bolts M10x1.25x230	2
18	BGB5787M612	Hexagon Flange Bolts M6x12	1
19	PJ00000906010100	Aluminum Washer 6x12x1.5	1

2024 BAD BOY 550 ENGINE

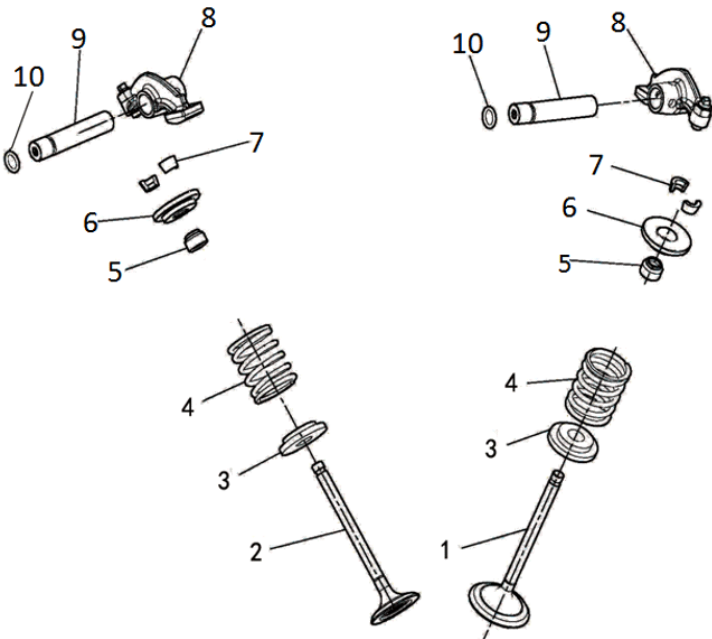
THROTTLE BODY



ENGINE

No	Part Number	Description	QTY
1	P004C001241A0000	Intake-Tube Assy	1
2	PJ00000906001200	Washer 8x16x1.5	2
3	BGB70M850	Hexagon Socket Head Cap Screws M8x50	2
4	PJ00000907300800	Hose Clamp Assy 50~70	2
5	P007C00124010000	Intake-Tube Joint	1
6	P004E00164000101	Throttle Body Assy (D46-U)	1
7	P010000391500000	Temperature / Pressure Sensor	1
8	P010000167010000	Press Plate, Temp	1
9	BGB90744M48	Phillups Screw, Spring Lock Washer M4x8	1
10	BGB70M612	Hexagon Socket Head Cap Screw M6x12	2
11	P007000164300004	Fixed Seat III, Fuel Injector	1
12	P004C00165300000	Fuel Injector (28160355)	1
13	P007000164310000	Fuel Injector Clamp	1
14	PJ00000912015100	O-Ring 44x2	1
16	P010000393000000	Idle Air Control Valve (IAC Motor)	1
17	P010000391400000	Throttle Position Sensor	1

VALVES

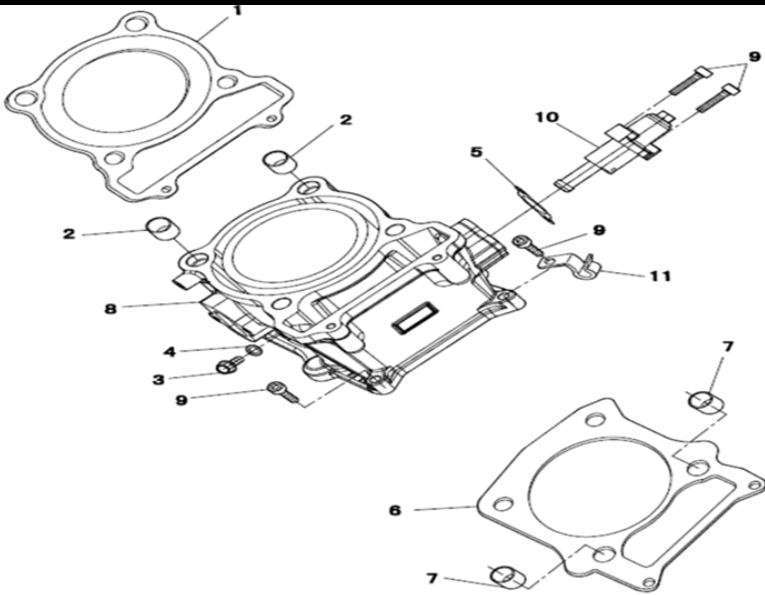


ENGINE

No	Part Number	Description	QTY
1	P002000147110000	Intake Valve	1
2	P002000147210000	Exhaust Valve	1
3	P002000147020000	Valve Spring Seat	2
4	P007000147040000	Spring,Valve,Outer	2
5	P002000147050000	Valve Stem Seal	2
6	P002000147070000	Retainer,Valve Spring	2
7	P002000147130000	Valve Lock Keeper	4
8	P0040001441A0000	Valve Rocker	2
9	P002000144030000	Valve Rockershaft	2
10	PJ00000912010700	O-Ring 9x2	2

2024 BAD BOY 550 ENGINE

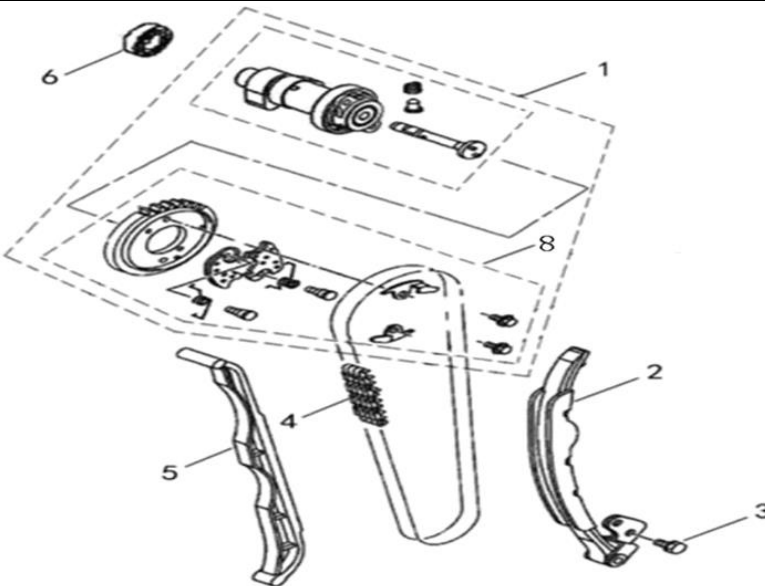
CYLINDER



ENGINE

No	Part Number	Description	QTY
1	P0150001207A0000	Gasket, Cylinder Head	1
2	PJ00000908020400	Pin, Dowel 12x16	2
3	BGB5787M612	Hexagon Flange Bolts M6x12	1
4	PJ00000906010100	Aluminum Washer 6x12x1.5	1
5	P002000145080000	Gasket, Tensioner	1
6	P015000120090000	Gasket, Cylinder Base	1
7	PJ00000908020600	Pin, Dowel 14x16	2
8	P0150001211A0000	Cylinder Body Assy	1
9	BGB70M625	Hexagon Socket Head Cap Screws M6x25	4
10	P002000145300000	Tensioner Assy	1
11	P004000110070000	Pipe Clamp II	1

CAM, CHAIN, & TENSIONER



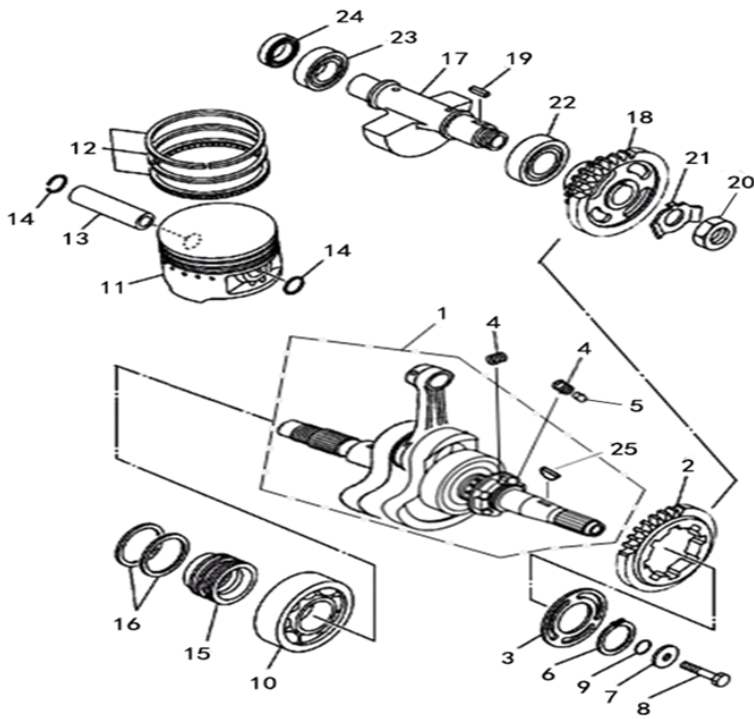
ENGINE

No	Part Number	Description	QTY
1	P015000141000001	Camshaft Assy	1
2	P0040001451B0000	Timing Chain Tensioner Guide	1
3	BGB907414M616	Hexagon Head Bolt & Plain Washer Assemblies M6x16	2
4	P004000143020000	Timing Chain M7-6.35-124	1
5	P0150001452B0000	Timing Chain Guide	1
6	BGB2766004Z	Bearing 6004Z	1
7	P0150001411A0000	Camshaft	1
8	P0150001431A0000	Camshaft Sprocket Assy	1

2024 BAD BOY 550 ENGINE

CRANKSHAFT & PISTON ASSEMBLY

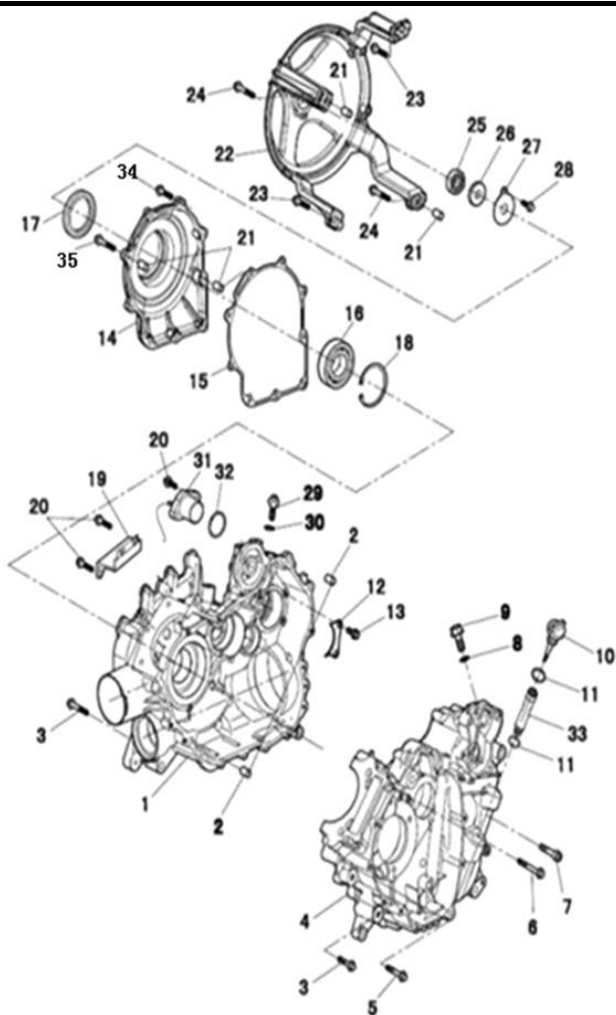
ENGINE



No	Part Number	Description	QTY
1	P015000132000100	Crankshaft Assy	1
2	P004000133220000	Driving Gear, Balance Shaft	1
3	P004000133230000	Locating Plate, Balance Gear Outer	1
4	P004000133250000	Buffer Spring, Balance Gear	8
5	P004000133260000	Spacer Pin, Balance Gear	4
6	BGB894135	Circlip for Shaft 35	1
7	PJ00000906000700	Washer 10x32x5	1
8	BGB5787M1012540129	Hexagon Flange Face Bolt M10x1.25x40	1
9	PJ00000912012000	O-Ring 16x3	1
10	BGB2766307	Bearing 6307	1
11	P015000131010000	Piston	1
12	P0100001311A0000	Piston Ring Set	1
13	P010000131020000	Piston Pin	1
14	P010000131070000	Circlip, Piston Pin	2
15	P004000110230000	Bushing, Sealing Ring	1
16	P003000110240000	Sealing Ring	2
17	P0150001331A0000	Balance Shaft Assy	1
18	P0040001332A0000	Balance Driven Gear Assy	1
19	BGB1096B5124	Key B5x12	1
20	PJ00000904021000	Hexagon Nut M18x1	1
21	PJ00000906030400	Tab Washer A	1
22	BGB2766305	Bearing 6305	1
23	BGB2766304	Bearing 6304	1
24	PJ00000911012100	Oil Seal 20x30x7	1
25	P004000130010000	Semi-Circle Key	1

2024 BAD BOY 550 ENGINE

CRANKCASE



ENGINE

No	Part Number	Description	QTY
1	P0150001110A0003	Crankcase Right Side	1
2	PJ00000908020500	Pin, Dowel 9x12x16	2
3	BGB5787M630	Hexagon Flange Bolts M6x30	12
4	P0150001120A0001	Left Crankcase Assy	1
5	BGB5787M640	Hexagon Flange Bolts M6x40	2
6	BGB5787M685	Hexagon Flange Bolts M6x85	1
7	BGB70M840	Hexagon Socket Head Cap Screws M8x40	3
8	PJ00000906010900	Aluminum Washer 14x22x1.5	1
9	PJ00000904050400	Hexagon Flange Screw Plug M14x1.5x16	1
10	P007000156500100	Oil Dipstck	1
11	PJ00000912012400	O-Ring 18x3.5	1
12	P004000110130000	Press Plate, Main Shaft Bearing	1
13	BGB5787M616	Hexagon Flange Bolts M6x16	2
14	P004000113210100	Bearing Chock	1
15	P004000113220100	Gasket	1
16	BGB27616010	Bearing 16010	1
17	PJ00000911012200	Oil Seal 35x65x9	1
18	BGB89380	Circlip For Hole 80	1
19	P004000171660100	Bracket, CVT Vent-Pipe	1
20	BGB907414M616	Hexagon Head Bolt And Plain Washer Assy M6x16	2
21	PJ00000908020300	Pin, Dowel 10x16	4
22	P004000113310000	Shield Bracket, Clutch	1
23	BGB5789M632	Hexagon Flange Bolts M6x32	2
24	BGB5789M640	Hexagon Flange Bolts M6x40	2
25	BGB27662012Z	Bearing 62012Z	1
26	PJ00000911011200	Oil Seal 12x32x6	1
27	P004000110320000	Press Plate, Bracket Oil Seal	1
28	BGB5787M616	Hexagon Flange Bolts M6x16	1
29	BGB5787M1012516	Hexagon Flange Bolts M10x1.25x16	1
30	PJ00000906010400	Aluminum Washer 10x16x1.2	1
31	P012000365500000	Sensor, Gear Shift Indicator	1
32	PJ00000912013800	O-Ring 29.6x2.4	1
33	P309001006300000	Guiding Tube, Oil Level	1
34	BGB5787M635	Bolts Hexagon Flange M6x35	7
35	BGB5787M645	Bolts Hexagon Flange M6x45	2

2024 BAD BOY 550 ENGINE

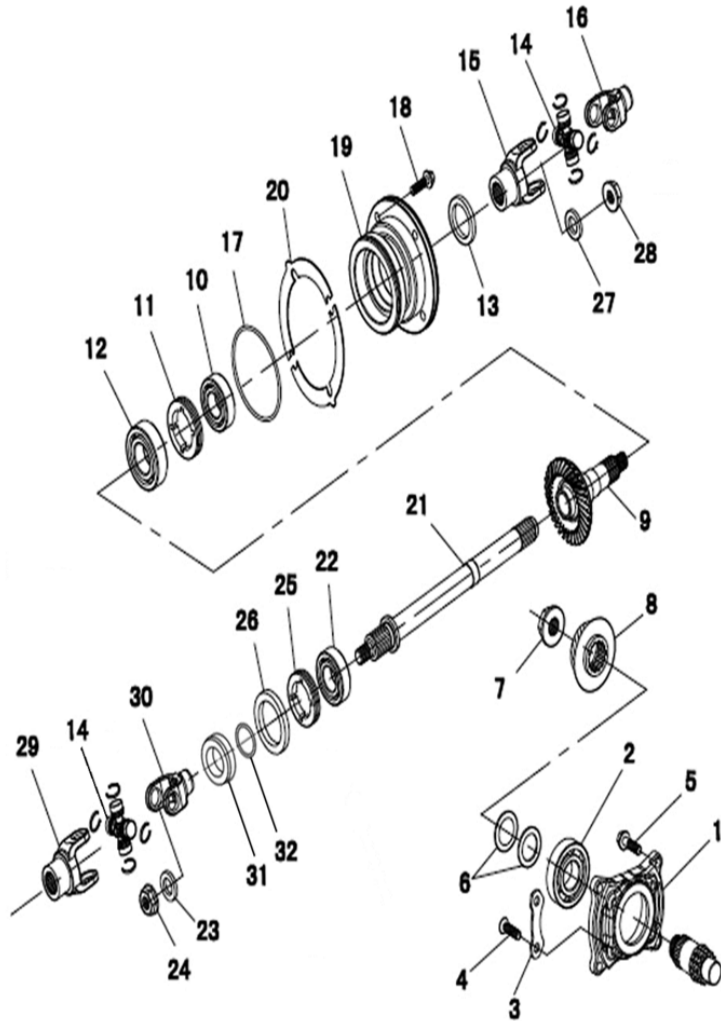
CRANKCASE COVERS	ENGINE			
	No	Part Number	Description	QTY
	1	P004000114010000	Stator Case Cover	1
	2	P004000114020000	Gasket, Stator Case Cover	1
	3	P003000115030000	Damper	1
	4	P003000115040000	Drain Plug, Clutch Cover	1
	5	PJ000009080203000	Pin, Dowel 10x16	2
	6	BGB5787M630	Hexagon Flange Bolts M6x30	9
	7	BGB936	Spring Washer 6	7
	8	BGB5787M640	Hexagon Flange Bolts M6x40	4
	9	P004000110040000	Stator Wire Guard Plate	1
	10	BGB5787M612	Hexagon Flange Bolts M6x12	2
	11	BGB2766028	Bearing 60/28	1
	12	PJ000009110113000	Oil Seal 28x52x8.5	1
	13	P002000931170000	Press Plate, Oil Seal	1
	14	BGB8191M512	Cross Recessed Countersunk Head Screw M5x12	2
	15	P003000110020000	Small Peep Hole Cover	1
	16	PJ000009120114000	O-Ring 13.4x2.35	1
	17	P0040001151A0000	Cover, Clutch Inner	1
	18	P004000115110000	Seal, Clutch Inner Cover I	1
	19	P004000115120000	Seal, Clutch Inner Cover II	1
	20	BGB5789M632	Hexagon Flange Bolts M6x32	7
	21	P0040001152A0000	Cover, Clutch,Outer	1
	22	P004000115230000	Seal, Clutch Cover	1
	23	BGB5787M625	Hexagon Flange Bolts M6x25	12
	24	BGB5789M616	Hexagon Flange Bolts M6x16	2
25	BGB5789M650	Hexagon Flange Bolts M6x50	2	

TRANSMISSION GEARS	ENGINE			
	No	Part Number	Description	QTY
	1	P004000222010200	Transmission Main Shaft	1
	2	BGB2766006	Bearing 6006	2
	3	P003000211060000	Secondary CVT Bushing	1
	4	PJ000009120135000	O-Ring 26.1x2.4	1
	5	PJ000009110114000	Oil Seal 42x55x8	1
	6	BGB2766203	Bearing 6203	1
	7	BGB2766202CY	Bearing 6202	1
	8	P004000223040000	Tooth Shaped Chains For R Gear	1
	9	P004000222600200	Counter Shaft Assy	1
	9	P004000222600401	Counter Shaft Assy (Gear Ratio 19:43)	1
	10	BGB2766203DLA8	Bearing 6203DLA8	1
11	BGB2766303	Bearing 6303	1	
12	P004000222800100	X Driveshaft Assy	1	

2024 BAD BOY 550 ENGINE

DRIVE GEAR ASSEMBLY

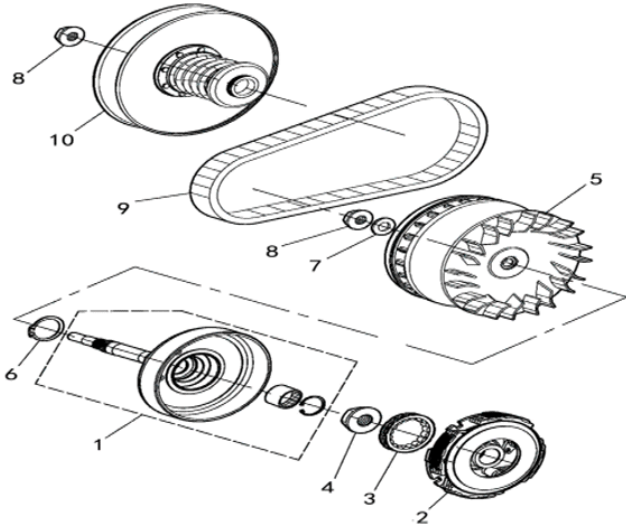
ENGINE



No	Part Number	Description	QTY
1	P004000112110000	X Shaft Bearing Block	1
2	BGB2766305	Bearing 6305	1
3	P003000931160000	Press Plate, X Shaft Bearing Block	2
4	BGB8192M825	Cross Recessed Countersunk Head Screw M8x25	4
5	BGB5787M830	Hexagon Flange Bolts M8x30	4
6	PJ00000906002500	Washer 26x38x0.4	2
7	PJ00000904021400	Hexagon Flange Nut M22x1	1
8	P004000224010100	Driving Bevel Gear	1
9	P004000224020000	Driven Bevel Gear	1
10	BGB2766322	Bearing 63/22	1
11	P004000111120000	External Thread Nut M60x1.5	1
12	BGB2766207	Bearing 6207	1
13	PJ00000911011600	Oil Seal 30x46x8	1
14	P010E002241B0022	U-Joint Assy (22)	2
14	P016R00224110022	U-Joint Assy (22)	1
16	P016F00224120022	Yoke B (20)	1
17	PJ00000912017300	O-Ring 88x2.8	1
18	BGB907414M830	Hexagon Head Bolt & Plain Washer Assy M8x30	4
19	P004000111110000	Y Shaft Bearing Block	1
20	P004000111140100	Spacer 0.1, Bevel Gear	2
20	P004000111140300	Spacer 0.3, Bevel Gear	2
20	P004000111140500	Spacer 0.5, Bevel Gear	2
20	P004000111140600	Spacer 0.6, Bevel Gear	2
21	P004000224040100	Y Shaft	1
22	BGB2766205	Bearing 6205	1
23	PJ00000906001400	Washer 14.5x32x5	1
24	BGB61872M14	Self-Locking Nut M14x1.5	1
25	P003000111130000	External Thread Nut M55	1
26	PJ00000911012300	Oil Seal 44x60x7	1
27	PJ00000906003200	Washer 16.5x28x4	1
28	BGB61872M16	Self-Locking Nut M16x1.5	1
29	P016F00224120022	Yoke B (20)	1
30	P033F00224110022	Yoke A (20)	1
31	P033000224330000	Y shaft Bushing 25 x 44 x 15	1
32	PJ00000912013300	O-Ring 25x2.4	1

2024 BAD BOY 550 ENGINE

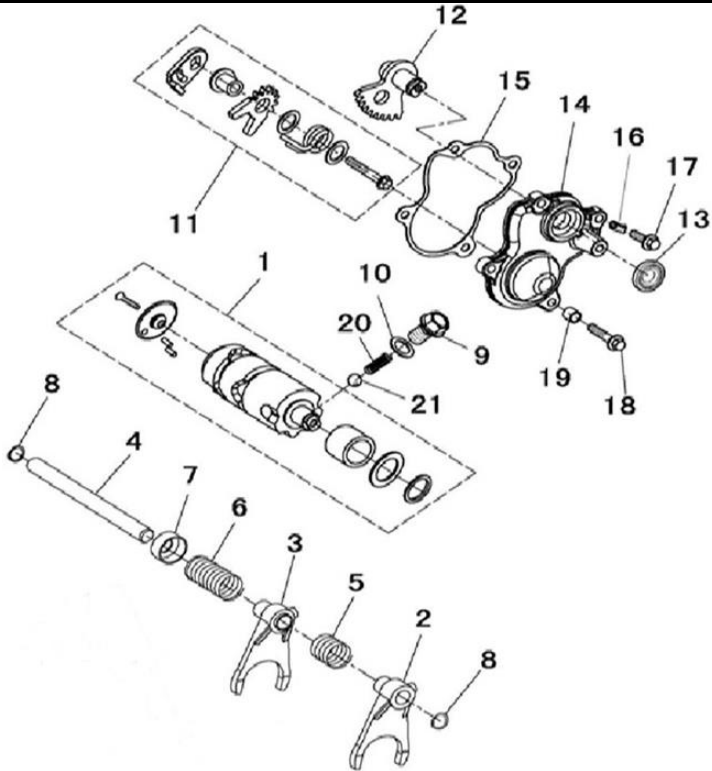
CLUTCH ASSEMBLY



ENGINE

No	Part Number	Description	QTY
1	P0040002114A0150	Hub Assy, Clutch	1
2	P0040002111A0150	Friction Shoes Assy ,Clutch	1
3	P0040002113A0000	Clutch One Way Bearing Assy	1
4	PJ00000904021401	Hexagon Flange Nut M22x1	1
5	P0040002116A0100	Primary Disc Assy	1
6	BGB894152	Circlip For Shaft 52	1
7	PJ00000906001700	Washer 19.2x35x3.2	1
8	PJ00000904020700	Hexagon Flange Nut M16x1	2
9	B00UA422	CVT Belt	1
10	P004000212000000	Secondary Sheave Assy	1

SHIFT ASSEMBLY

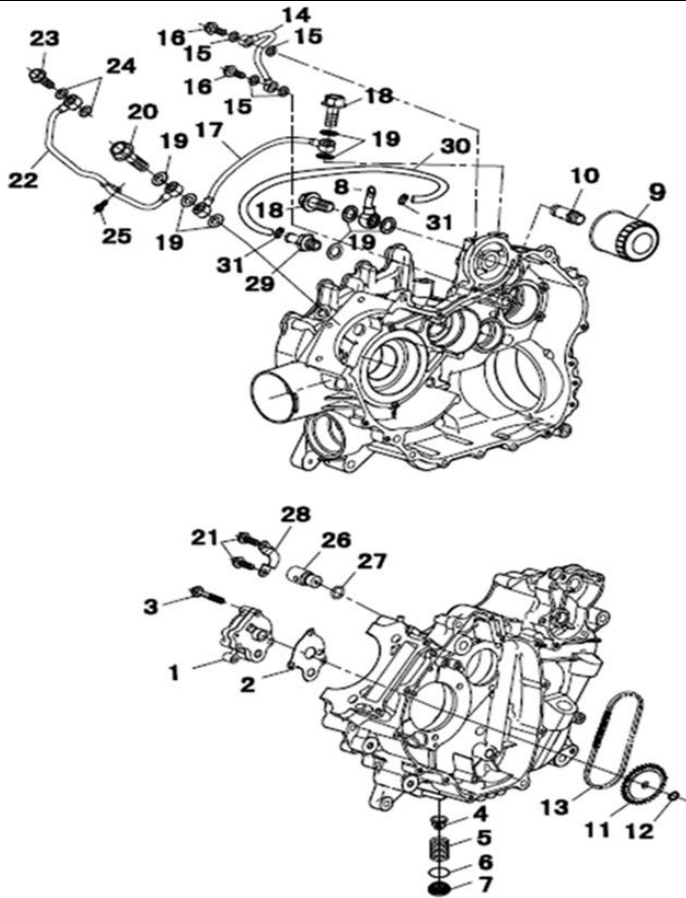


ENGINE

No	Part Number	Description	QTY
1	P004D00232000000	Shift Drum	1
2	P004000231010000	Shift Fork I	1
3	P004000231020000	Shift Fork II	1
4	P004000231310000	Shaft Fork	1
5	P004000231070000	Spring, R Gear	1
6	P004000231050000	Spring, HL Gear	1
7	P004000231060000	Seat Spring	1
8	BGB894112	Circlip for shaft 12	1
9	P003000233150000	Bolt Special M14x1.5x21	1
10	PJ00000906020700	Copper Washer 14x21x1	1
11	P0040002321A0000	Shoe Chain Tensioner Assy	1
12	P0120002332A0000	Rail Shift Shaft Assy	1
13	PJ00000911011000	Oil Seal 15x25x5	1
14	P004000114210000	Cover, Shift Shaft	1
15	P004000114220000	Gasket, Shift Shaft Cover	1
16	P004000110090000	Clamp II	3
17	BGB5787M620	Bolts Hexagon Flange M6x20	1
18	BGB5787M630	Bolts Hexagon Flange M6x30	1
19	PJ00000908020100	Pin Dowel 8x12	1
20	P002000233020000	Spring 24x1	1
21	BGB30895	Ball Steel 9.5	1

2024 BAD BOY 550 ENGINE

OIL PUMP ASSEMBLY

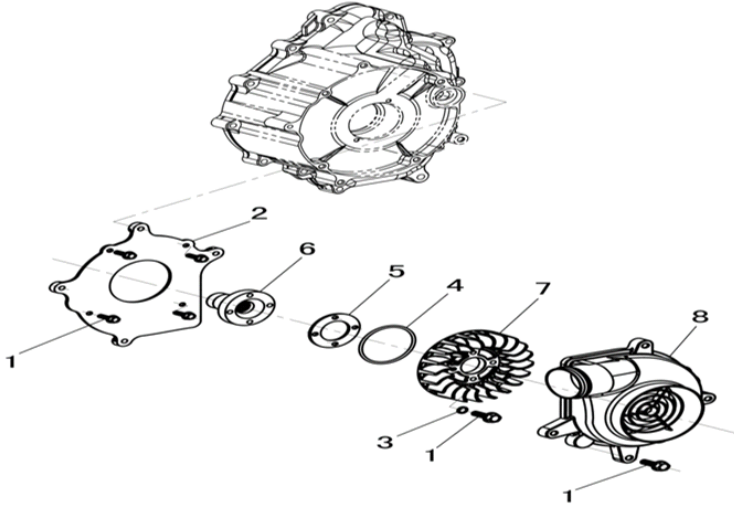


ENGINE

No	Part Number	Description	QTY
1	P004000151100100	Oil Pump Assy	1
2	P004000151010100	Gasket, Oil Pump	1
3	BGB5787M640	Hexagon Flange Bolts M6x40	3
4	P002000152030000	Oil Filter Strainer	1
5	P002000152040000	Filter Spring	1
6	PJ00000912014700	O-Ring 36x3.5	1
7	P002000111070000	Blind Nut, Oil Drainage	1
8	P0040001535A0000	Curved Oil Tube Welding	1
9	P003000152000000	Oil Filter	1
10	P003000152010000	Filter Adapter	1
11	P004000151160000	Oil Pump Driven Sprocket	1
12	BGB894111	Circlip For Shaft 11	1
13	P004000150030000	Chain, Oil Pump	1
14	P0040001532A0000	Oil Tube Welding Assy A	1
15	PJ00000906010300	Aluminum Washer 8x15x2	4
16	P004000153010000	Bolts For Oil Tube M8x25	2
17	P0040001533A0000	Oil Tube Welding Assy B	1
18	P004000153030000	Bolts For Oil Tube M14x1.5x28	2
19	PJ00000906010700	Aluminum Washer 14x20x1.5	8
20	P004000153040000	Bolts For Oil Tube M14x1.5x50	1
21	BGB5787M614	Hexagon Flange Bolts M6x14	2
22	P0040001534A0000	Oil Tube Welding Assy C	1
23	P004000153020000	Bolts For Oil Tube M10x1.25x30	1
24	PJ00000906010400	Aluminum Washer 10x16x1.2	2
25	BGB5787M612	Hexagon Flange Bolts M6x12	1
26	P0040001536A0000	Pressure Regulating Valve Assy, Engine Oil	1
27	PJ00000912010800	O-Ring 10x2.45	1
28	P004000153650000	Press Plate, Pressure Regulating Valve	1
29	P003000111050000	Oil Pipe Joint	1
30	P003G00153071830	Rubber Oil Pipe 1830	1
31	PJ00000907300000	Hose Clamp Assy 12~20	2

2024 BAD BOY 550 ENGINE

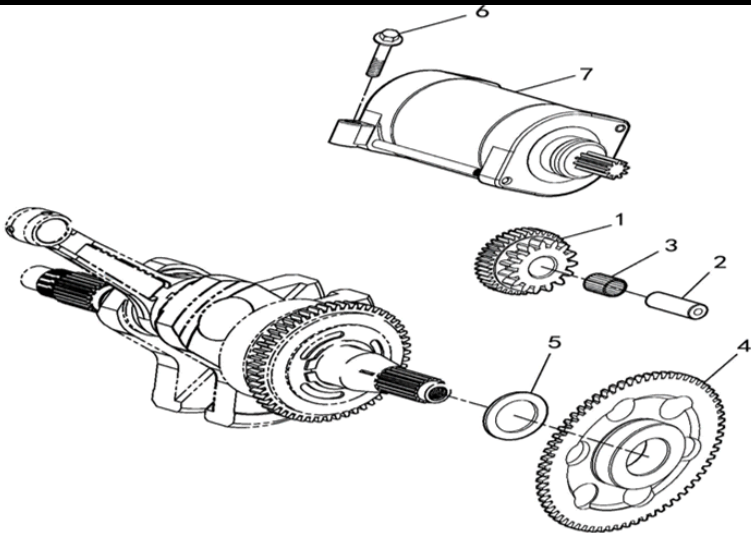
FAN ASSEMBLY



ENGINE

No	Part Number	Description	QTY
1	BGB5787M620	Hexagon Flange Bolts M6x20	10
2	P004000191030000	Baseplate	1
3	PJ00000906002900	Washer 6x11x1.5	2
4	PJ00000912016600	O-Ring 64.4x3.1	1
5	P004000191040000	Fan Strongback	1
6	P004000244100200	Starting Driven Gear Assy	1
7	P004000191020000	Impeller	1
8	P004000191010000	Fan Cowl	1

STARTER

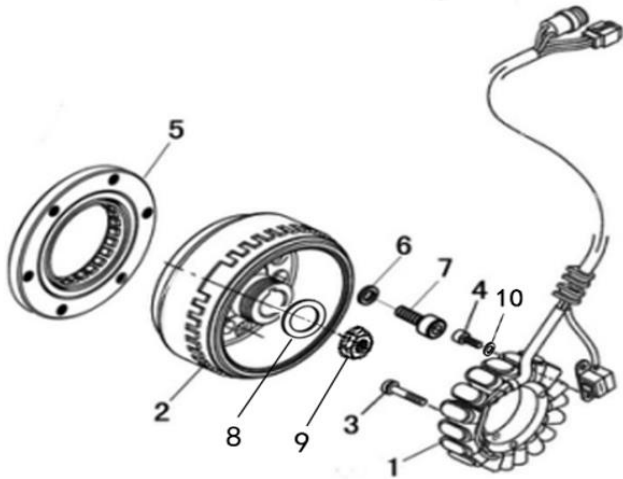


ENGINE

No	Part Number	Description	QTY
1	P033000245030000	Starter Idler Gear	1
2	P004000245040000	Idler Gear Shaft	1
3	P121618937000000	Needle Bearing KBK121618	1
4	P0350002440A0000	Starter Disk Gear Assy	1
5	PJ00000906001101	Washer 27x39x1	1
6	BGB5787M630	Hexagon Flange Bolts M6x30	2
7	P004000312000000	Starter Motor Assy	1

2024 BAD BOY 550 ENGINE

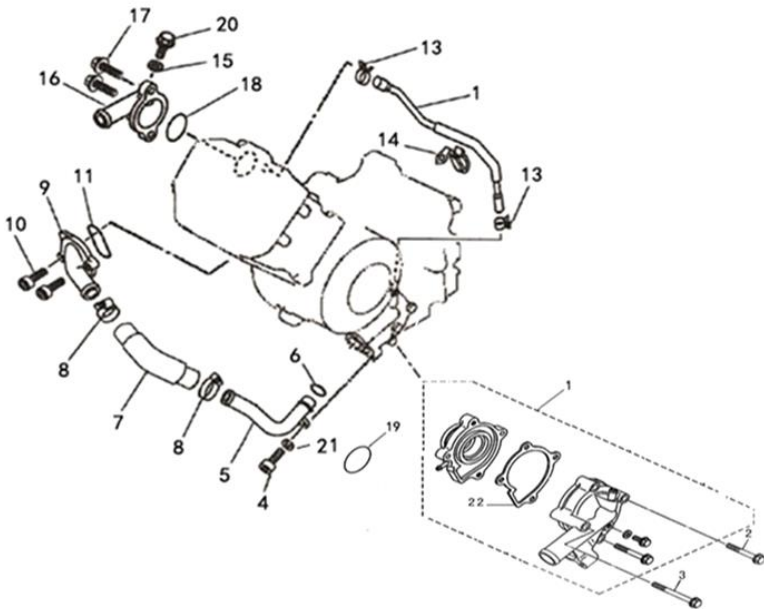
STATOR



ENGINE

No	Part Number	Description	QTY
1	P007G00311200200	Generator Stator Assy	1
2	P004000311100300	Generator Rotor Assy	1
3	BGB907414M630	Hexagon Head Bolt And Plain Washer Assy M6x30	3
4	BGB70M512	Hexagon Socket Head Cap Screws M5x12	2
5	P004000243100000	One Way Bearing Starter	1
6	BGB938	Spring Washer 8	6
7	BGB70M816	Hexagon Socket Head Cap Screws M8x16	6
8	P004000244110000	Washer 22x35x2	1
9	PJ00000904021401	Nut M22x1	1
10	BGB935	Spring Washer 5	2

WATER PUMP ASSEMBLY



ENGINE

No	Part Number	Description	QTY
1	P004000197000100	Water Pump Assy	1
2	BGB5787M645	Hexagon Flange Bolts M6x45	1
3	BGB5787M665	Hexagon Flange Bolts M6x65	1
4	BGB5787M616	Hexagon Flange Bolts M6x16	1
5	P004000190070100	Water Pipe II	1
6	PJ00000912013000	O-Ring 20.7x2.6	1
7	P004000190080010	Hose, Cylinder Water In	1
8	PJ00000907300300	Hose Clamp Assy 20~32	2
9	P004000190050000	Hose Joint, Cylinder Water Out	1
10	BGB5787M620	Hexagon Flange Bolts M6x20	2
11	PJ00000912014300	O-Ring 33.4x2.4	1
12	P004000190060000	Water Pipe I	1
13	PJ00000907100300	Clip (10)	2
14	P004000110070000	Pipe Clamp II	1
15	PJ00000906010100	Aluminum Washer 6x12x1.5	1
16	P004000190090000	Cover, Thermostat	1
17	BGB5787M620	Hexagon Flange Bolts M6x20	2
18	P004000194110000	Seal, Thermostat Cover	1
19	PJ00000912014500	O-Ring 34.2x2.5	1
20	BGB5787M612	Hexagon Flange Bolts M6x12	1
21	BGB936	Spring Washer 6	1
22	P004000197220000	Water Pump Gasket	1