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# ENERGY STORM

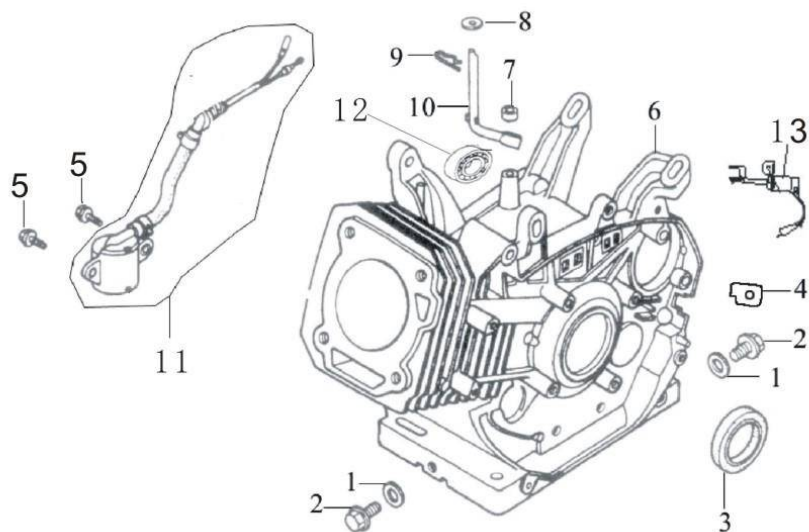
## ES-8000E GENERATOR

### EXPLODED VIEWS & PARTS LISTS



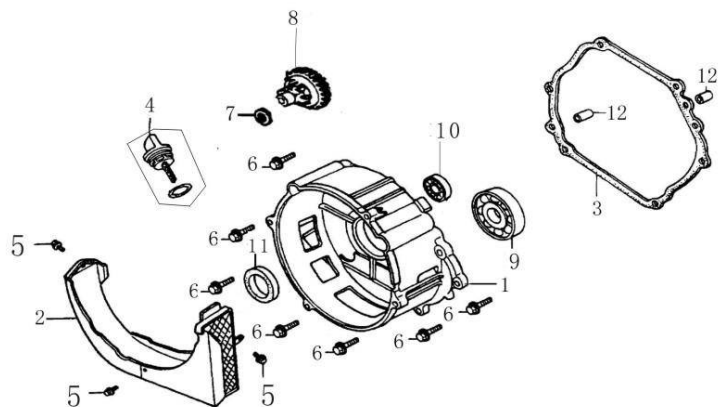
**2205 Industrial Park Road Van Buren, AR 72956**  
**(866) 471-7464 www.lifanpowerusa.com**

## E-01 Crankcase Assembly



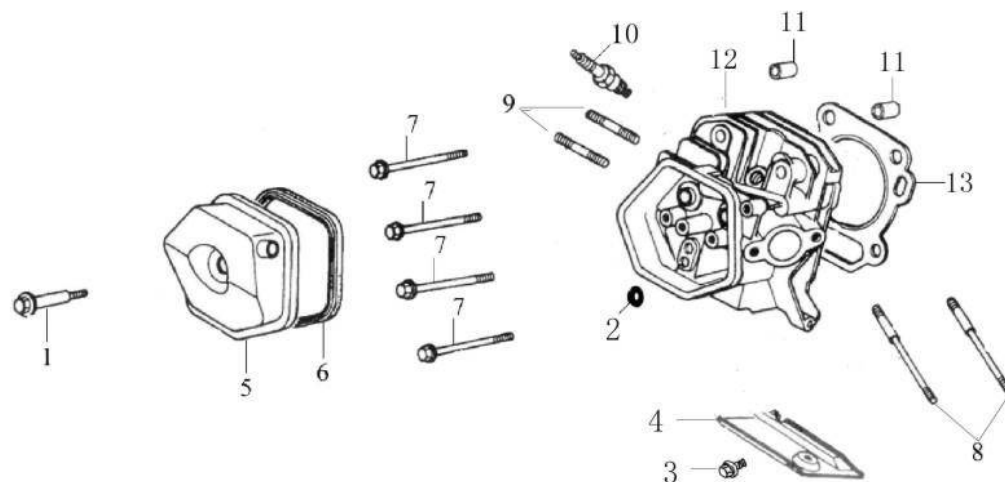
Ref. No.	Part No.	Description	Quantity
E01-01	11116-A0810-0001	Washer	2
E01-02	11115-A0810-0001	Drain plug	2
E01-03	11120-A1010-0001	Oil seal, crankshaft Assembly	1
E01-04	11117-A0810-0001	(-)	1
E01-05	T152-0004	Seal	2
E01-06	11110-A1214-0005	Bolt M6×14	1
E01-07	11130-A1010-0001	Crankcase	1
E01-08	26113-A0810-0001	Oil seal, regulating sway bar	2
E01-09	26112-A0810-0001	Washer	1
E01-10	26111-A1010-0001	Split pin	1
E01-11	27400-A0810-0002	Regulating sway bar	1
E01-12	T910-0005	Oil sensor Assembly	1
E01-13	26500-G1110-0001	Bearing 6202	1
		Electromagnet	

## E-02 Crankcase cover Assembly



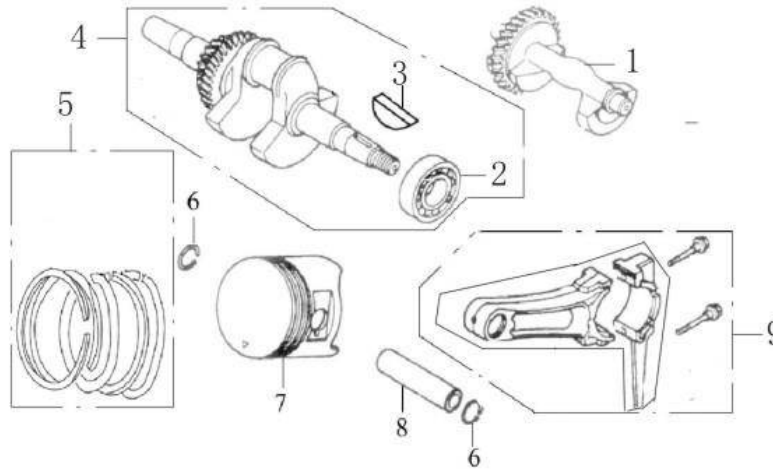
S/N	Part No.	Description	Quantity
E02-01	11211-BF130-0001	Crankcase cover	1
E02-02	11220-BF130-0001	Guard, crankcase cover Assembly	1
E02-03	11114-A1010-0001	Gasket, crankcase	1
E02-04	15510-BC130-0001	Dipstick	1
E02-05	31153-BC130-0002	Bolt M5×14	3
E02-06	<b>T151-0013</b>	Bolt M8×40	7
E02-07	25118-A0810-0001	Washer, driven gear	1
E02-08	25100-A1210-0001	Driven gear set, regulator assembly	1
E02-09	T910-0003	Bearing 6207	1
E02-10	T910-0005	Bearing 6202	1
E02-11	11120-A1010-0001	Oil seal , crankshaft assembly (一)	1
E02-12	11113-A0810-0001	Set pinΦ8×12	2

### E-03 Cylinder head & Cylinder head cover Assembly



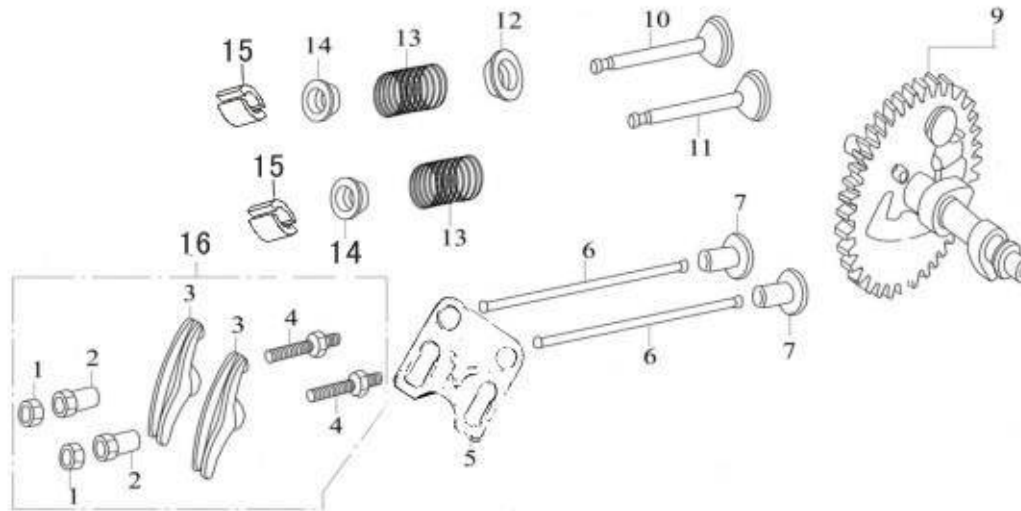
Ref. No.	Part No.	Description	Quantity
E03-01	12220-A0810-0001	Bolt Assembly	1
E03-02	14420-A0810-0001	Seal Assembly	1
E03-03	<b>T152-0019</b>	Bolt:M6×12	1
E03-04	19121-A1010-0001	Lead wind cover (一)	1
E03-05	12200-A0810-0001	Cylinder head cover Assembly	1
E03-06	12212-A0810-0001	Gasket, cylinder head cover	1
E03-07	12118-A0810-0001	Bolt	4
E03-08	17218-BF130-0001	Stud M6×M8×106	2
E03-09	18214-A0710-0001	Stud M8×34	2
E03-10	27100-A0710-0001	Spark plug Assembly	1
E03-11	12117-A0810-0001	Set pin	2
E03-12	12100-A1210-0002	Cylinder head Assembly	1
E03-13	12120-A1210-0001	Gasket, cylinder head Assembly	1

## E-04 Crankshaft, Piston, Connecting rod & Balancing shaft



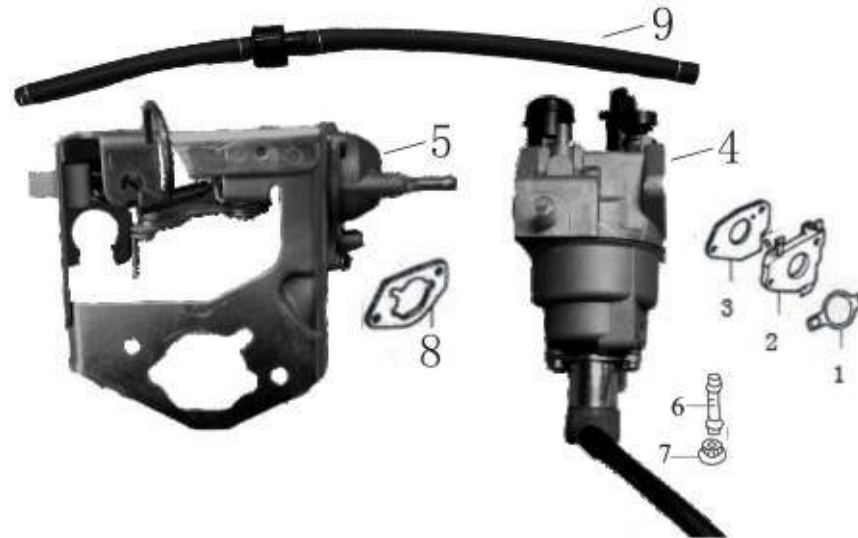
Ref. No.	Part No.	Description	Quantity
E04-01	13116-A1210-0001	Balancing shaft	1
E04-02	T910-0003	Bearing 6207	1
E04-03	13112-A0710-0001	Wood ruff key	1
E04-04	13110-A1210-0002	Crankshaft assembly	1
E04-05	13400-A1210-0003	Piston ring set	1
E04-06	13313-A1010-0001	Piston pin circlip	2
E04-07	13311-A1210-0004	Piston	1
E04-08	13312-A1010-0001	Piston pin	1
E04-09	13120-A1210-0001	Connecting rod assembly	1

## E-5 COMBINATION OF CAM SHAFT & VALVE ROCKER



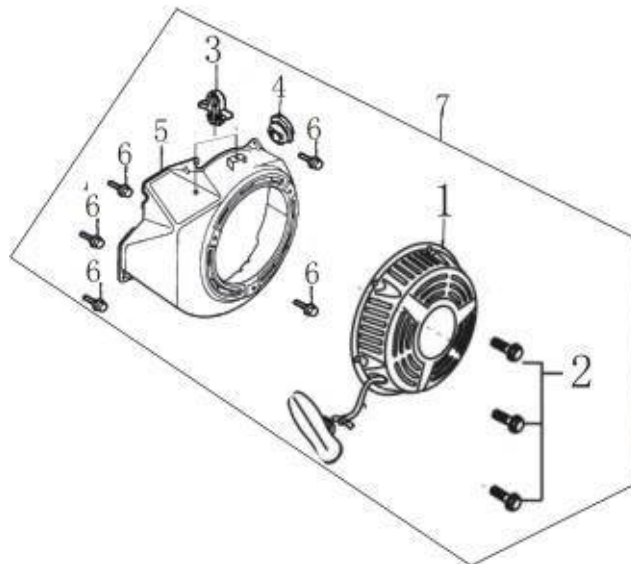
S/N	Part No.	Description	Quantity
1	14314-A0710-0001	Lock nut	2
2	14312-A0710-0001	Sleeve	2
3	14311-A0810-0001	Valve rocker	2
4	14313-A0710-0001	Adjusting bolt for valve gap	2
5	14220-A0810-0002	Pusher guide	1
6	14210-A1010-0001	Pusher	2
7	14315-A0810-0001	Tappet	2
9	14100-A1210-0002	Camshaft assembly	1
10	14412-A1210-0001	Exhaust valve	1
11	14411-A1010-0003	Intake valve	1
12	14417-A0810-0001	Spring retainer, exhaust valve	1
13	14414-A0810-0001	Valve spring	2
14	14413-A1010-0001	Spring seat, exhaust valve	2
15	14418-A1010-0001	Valve lock clamp	4
16	14310-A0810-0001	Valve rocker assembly	1

## E-06 Carburetor Assembly



Ref. No.	Part No.	Description	Quantity
E06-01	17219-A1010-0001	Inlet gasket	1
E06-02	16120-BG130-0001	Float needle	1
E06-03	16113-A1110-0001	Carburetor gasket	1
E06-04	16100-BJ130-0001	Carburetor Assembly	1
E06-05	16800-BC130-0001	Manual choke Assembly	1
E06-06	16244- BJ130-0001	Main nozzle	1
E06-07	16243-A1210-0001	Main jet	1
E06-08	17113-A0810-0003	Gasket, air cleaner	1
E06-09	16840-BC130-0001	Check valve Assembly	1

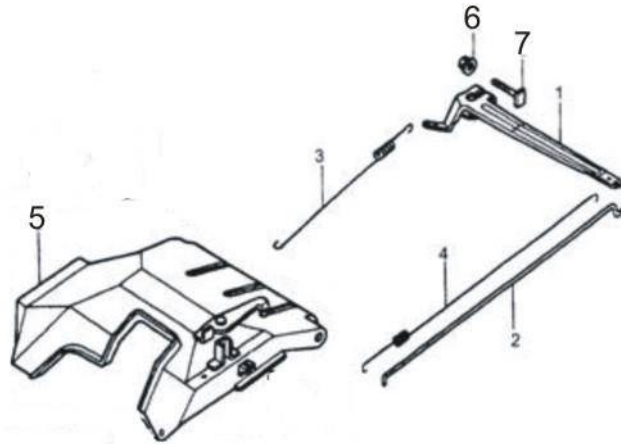
## E-07 Recoil Starter



Ref.No.	Part No.	Description	Quantity
E07-01	23200-A1010-0022	Recoil starter assembly	1
E07-02	T152-0036	Bolt M6×8	3
E07-03	16845-BC130-0001	Friction spring	2
E07-04	19219-B9130-0001	Fan hood latex stop up	1
E07-05	19211-BF130-0040	Fan hood assembly	1
E07-06	T152-0019	Bolt M6×12	5
E07-07	23100-BF130-0064	Recoil starter assembly	1

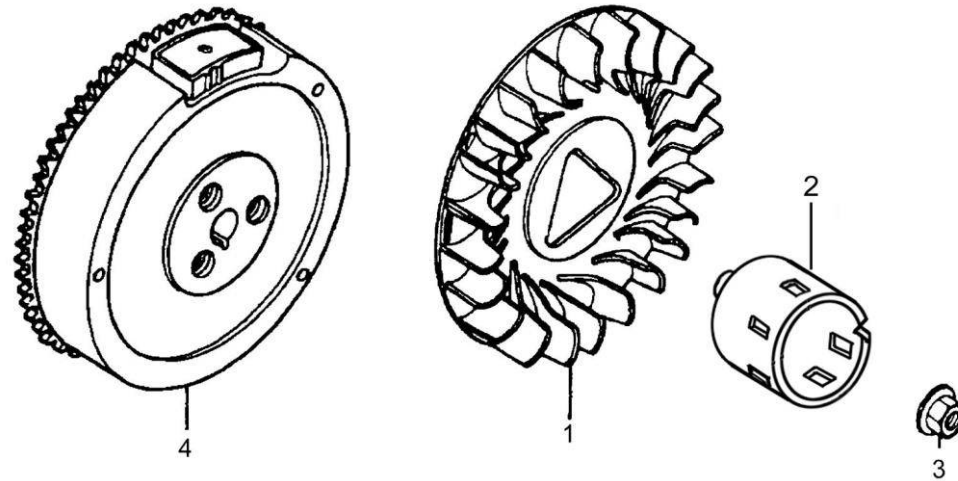


## E-08 Regulating control system



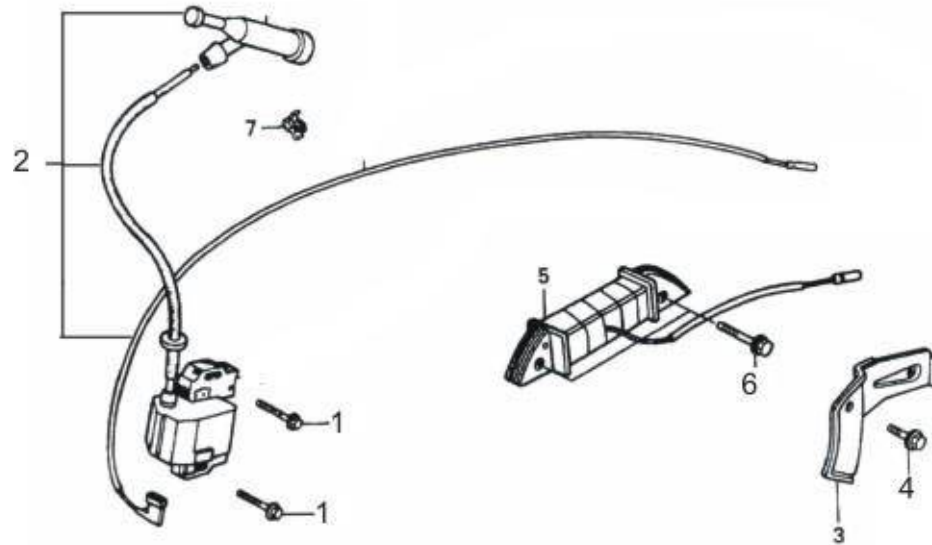
S/N	Part No.	Description	Quantity
E08-01	26114-G1110-0001	Regulating arm	1
E08-02	26115-A1010-0001	Pulling rod	1
E08-03	26117-A1010-0001	Back spring	1
E08-04	26118-A1010-0001	Fine regulating spring	1
E08-05	26200-BF130-0001	Regulating frame assembly	1
E08-06	T311-0002	Nut M6	1
E08-07	26116-A0710-0001	Lock bolt	1

## E-09 Flywheel



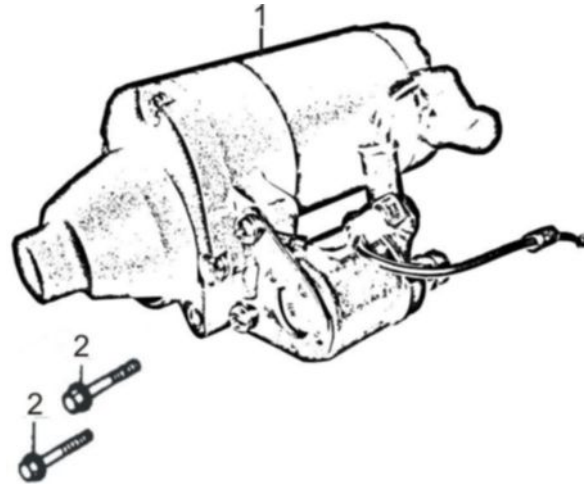
S/N	Part No.		Description	Quantity	
E09-01	19111-A1210-0001		Flywheel fan	1	
E09-02	23316-A1010-0002		Starting flange	1	
E09-03	23317-A0810-0002		Nut M16×1.5	1	
E09-04	23300-A1114-0001		Flywheel	1	

## E-10 Ignition coil



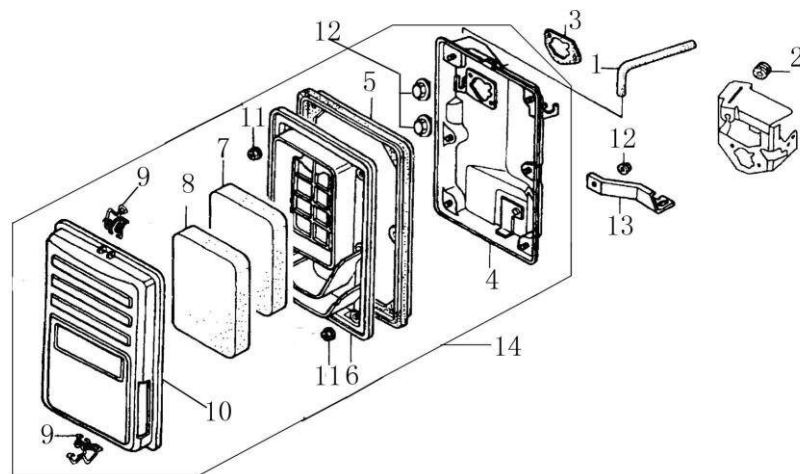
S/N	Part No.	Description	Quantity
E10-1	T152-0034	Bolt M6×25	2
E10-2	27200-A1110-0001	Ignition coil uni	1
E10-3	24145-A1014-0001	Clamper, cord	1
E10-4	T152-0019	Bolt M6×12	1
E10-5	24130-A0714-0001	Charge coil	1
E10-6	T152-0011	Bolt M6×28	2
E10-7	19316-A0810-0002	Cable tie	1

## E-14 STARTING MOTOR ASSEMBLY



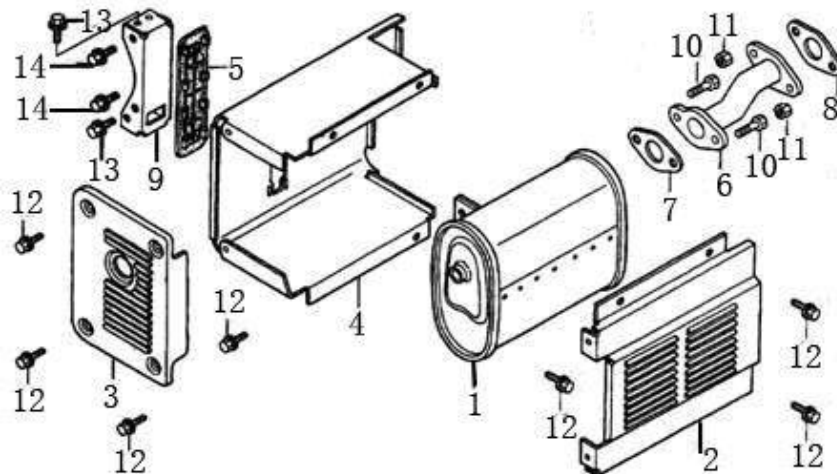
S/N	Part No		Description	Quantity	
1	24100-A1014-0001		Starting motor Assembly	1	
2	T151-0013		Bolt, M8×40	2	

## E-12 Air cleaner Assembly



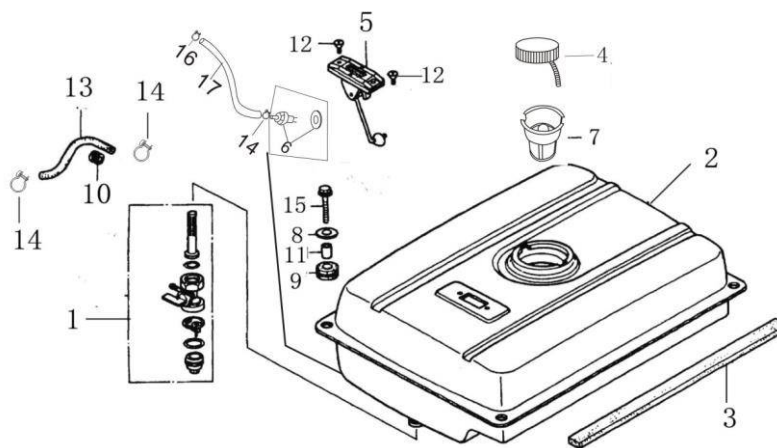
S/N	Part No.	Description	Quantity
E12-01	19143-BC130-0001	Waste pipe	1
E12-02	17223-BC130-0001	Boot, vent pipe	1
E12-03	17113-A0810-0003	Gasket, air cleaner	1
E12-04	17114-BC130-0002	Air cleaner base	1
E12-05	17129-BC130-0001	Gasket	1
E12-06	17125-BC130-0001	Retainer, filter element	1
E12-07	17126-A2110-0001	Filter(二)	1
E12-08	17124-B9130-0002	Filter(一)	1
E12-09	17140-BC130-0001	Hinge	1
E12-10	17112-BC130-0001	Air cleaner cover	1
E12-11	T314-0006	Nut M5	6
E12-12	<b>T314-0001</b>	Nut M6	3
E12-13	17233-BC130-0001	Air cleaner stay	1
E12-14	17100-BC130-0004	Air cleaner Assembly	1

## E-13 Muffler Assembly



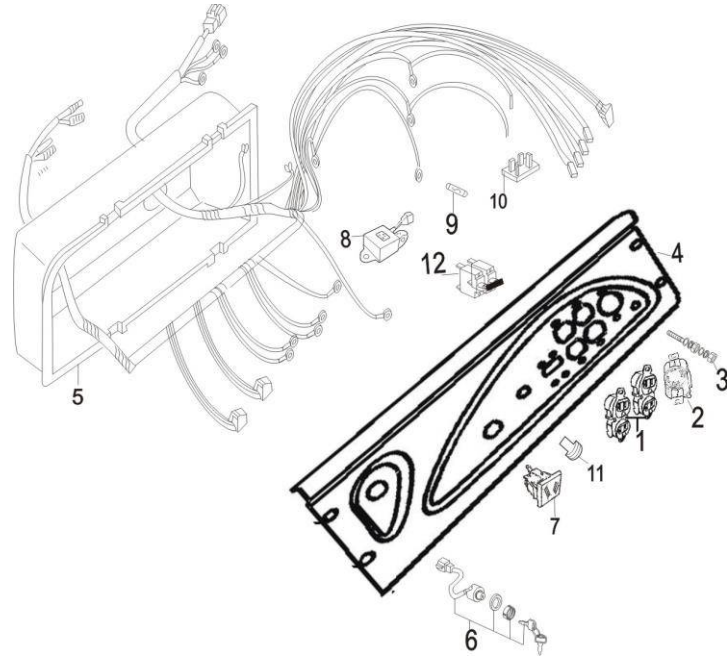
S/N	Part No.	Description	Quantity
E13-01	18100-BJ1Y1-0001	Muffler assembly	1
E13-02	18130-BC130-0001	Muffler Outer hood assembly	1
E13-03	18230-BC130-0001	Muffler hood (一)	1
E13-04	18240-BJ130-0001	Muffler hood (二)	1
E13-05	18162-BC130-0001	Muffler stay airproof	1
E13-06	18117-BF130-0001	Exhaust pipe	1
E13-07	18217-BC130-0001	Gasket, exhaust pipe	1
E13-08	18215-BC130-0001	Gasket, outlet	1
E13-09	18161-BC130-0001	Muffler stay assembly	1
E13-10	T151-0016	Flange bolt M8×25	2
E13-11	T310-0001	Nut M8	2
E13-12	T152-0019	Flange bolt M6×12	7
E13-13	T151-0014	Flange bolt M8×12	2
E13-14	T151-0005	螺栓 M8×16	2

## E-14 Fuel tank Assembly



S/N	Part No.	Description	Quantity
E14-01	16640-B9130-0002	Fuel cock assembly	1
E14-02	16510-BC130-0078	Fuel tank	1
E14-03	16912-BC130-0001	Stripe, fuel tank	1
E14-04	16400-A0410-0002	Fuel filler cap comp.	1
E14-05	16560-B9130-0001	Oil indicator assembly	1
E14-06	16557-A0710-0001		1
E14-07	16610-A0710-0003	Fuel filler assembly	1
E14-08	16546-B9130-0001	Washer	4
E14-09	16911-B9130-0001	Cushion	4
E14-10	16626-BC130-0001	Vitta restrict	1
E14-11	16914-B9130-0001	Bush	4
E14-12	T211-0002	Screw M5×12	2
E14-13	16621-BC130-0004	Outlet pipe (φ8.5×φ4.5×180)	1
E14-14	16622-A0710-0002	Tube clip	3
E14-15	T151-0003	Bolt M6×22 (Flange)	4
E14-16	16622-A0710-0003	Tube clip	1
E14-17	11513-A0710-0002	Tube clip	1

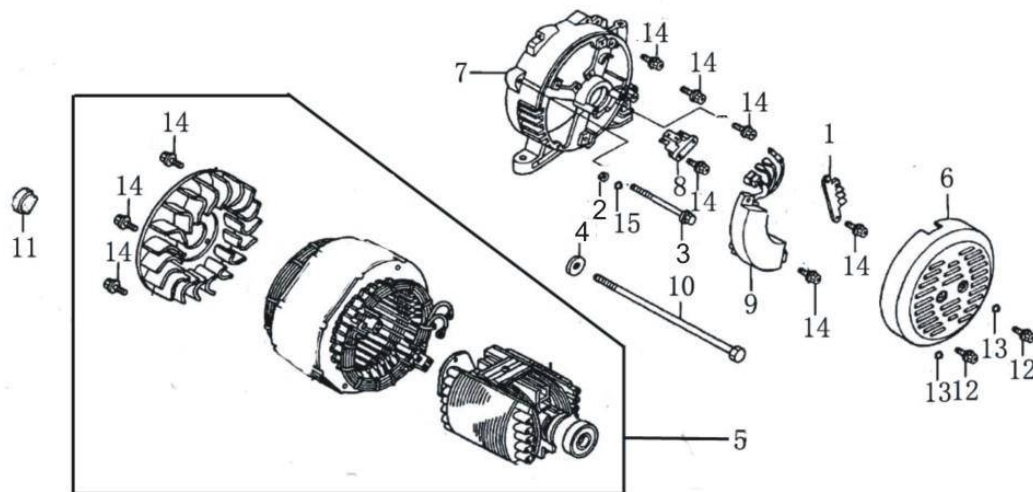
## G-01 Control panel



S/N	Part No.	Description	Quantity
1	31223-B9130-0008	3-prong twisted	1
2	31223-B9130-0007	4-prong twisted socket	1
3	31222-B9130-0001	Earth terminal set	1
4	31211-B9130-0026	Control panel front cover	1
5	31251	Control panel back cover	1
6	31225-B9140-0001	gnition switch	1
7	31223-B9130-0020	Consent	1
8	35368-G1211-0001		3
9	31276-B9130-0001	Fuse case	1
10	31280-BC130-0001	Bridge ballast	2
11	31215-B9130-0001		1
12	31221-B9130-0054	Circuit protector	1

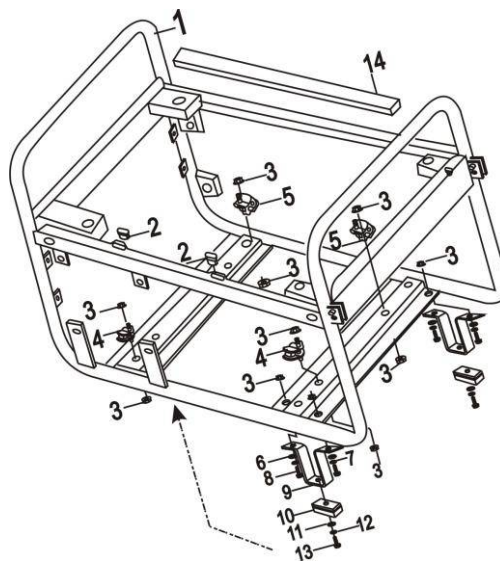


## G-02 Generator



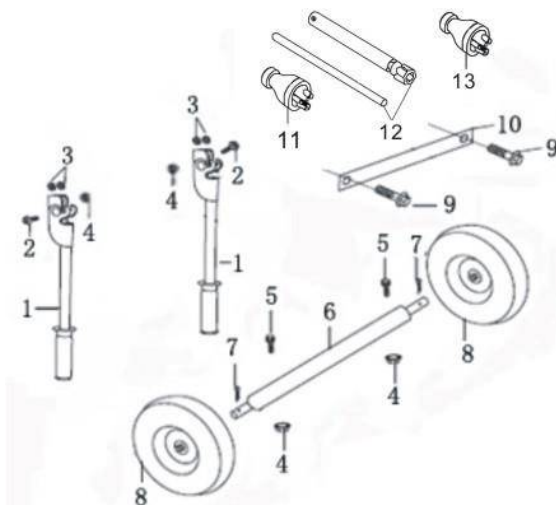
S/N	Part No.	Description	Quantity
G02-01	31154-BC130-0002	Connecting plate	1
G02-02	T411-0002	Washer 6mm	4
G02-03	31112-BJ1Y1-0001	Bolt M6×179	4
G02-04	31126-BC130-0001	Plain washer	1
G02-05	31100-BJ1Y1-0003	Stator & rotor Assembly	1
G02-06	31152-BC130-0004	Generator end cover	1
G02-07	31151-BC130-0001	Generator stay	1
G02-08	31130-BC130-0001	Brush Assembly	1
G02-09	31140-BC130-0001	Voltage regulator assembly	1
G02-10	31125-BJ1Y1-0001	Bolt M10×285	1
G02-11	11312-BC130-0001	Plug, sump	1
G02-12	31153-A0410-0001	Bolt M5×10	2
G02-13	31511-A1713-0001	Red washer 5mm	2
G02-14	31153-BC130-0002	Screw M5×14	7
G02-15	T441-0002	Spring washer 6mm	4

## G-03 Frame



S/N	Part No.	Description	Quantity
G03-1	32100-BJ1Y2-0044	Frame	1
G03-2	32412-B9130-0001	Rubber pad, frame	2
G03-3	T311-0001	Nut M8	10
G03-4	32420-BC130-0001	Cushion, frame A	2
G03-5	32450-BC130-0001	Cushion, frame B	2
G03-6	T411-0001	Plain washer	4
G03-7	T441-0001	Plain washer	4
G03-8	T151-0006	Flange bolt M8×25	4
G03-9	32231-BB140-0003	Bracket	2
G03-10	31523-BF140-0001	Bracket cushion	2
G03-11	T411-0002	Plain washer Φ6	2
G03-12	T441-0002	Plain washer Φ6	2
G03-13	T151-0005	Flange bolt M8×16	2
G03-14	16912-BC130-0001		1

## G-04 Wheel, Battery



S/N	Part No.	Description	Quantity
G04-1	32417-BC130-0001	Armrest	2
G04-2	32139-BB140-0001	Flange bolt	2
G04-3	31161-B9130-0001	Handle gasket	4
G04-4	T311-0001	Nut M8	4
G04-5	T151-0006	Flange bolt M8×25	8
G04-6	31311-BC130-0002	Wheel axel,	1
G04-7	31352-B9130-0002	Split pin	2
G04-8	45420-B9130-0019	Wheel kit	2
G04-9	T152-0019	Flange bolt M6×12	2
G04-10	32433-BG140-0001	Battery box cover	1
G04-11	31224-B9130-0006	Plug (30A)	2
G04-12	92230-B9130-0001	Sparking plug wrench(short)	1
G04-13	31247-B9130-0001	Plug	1