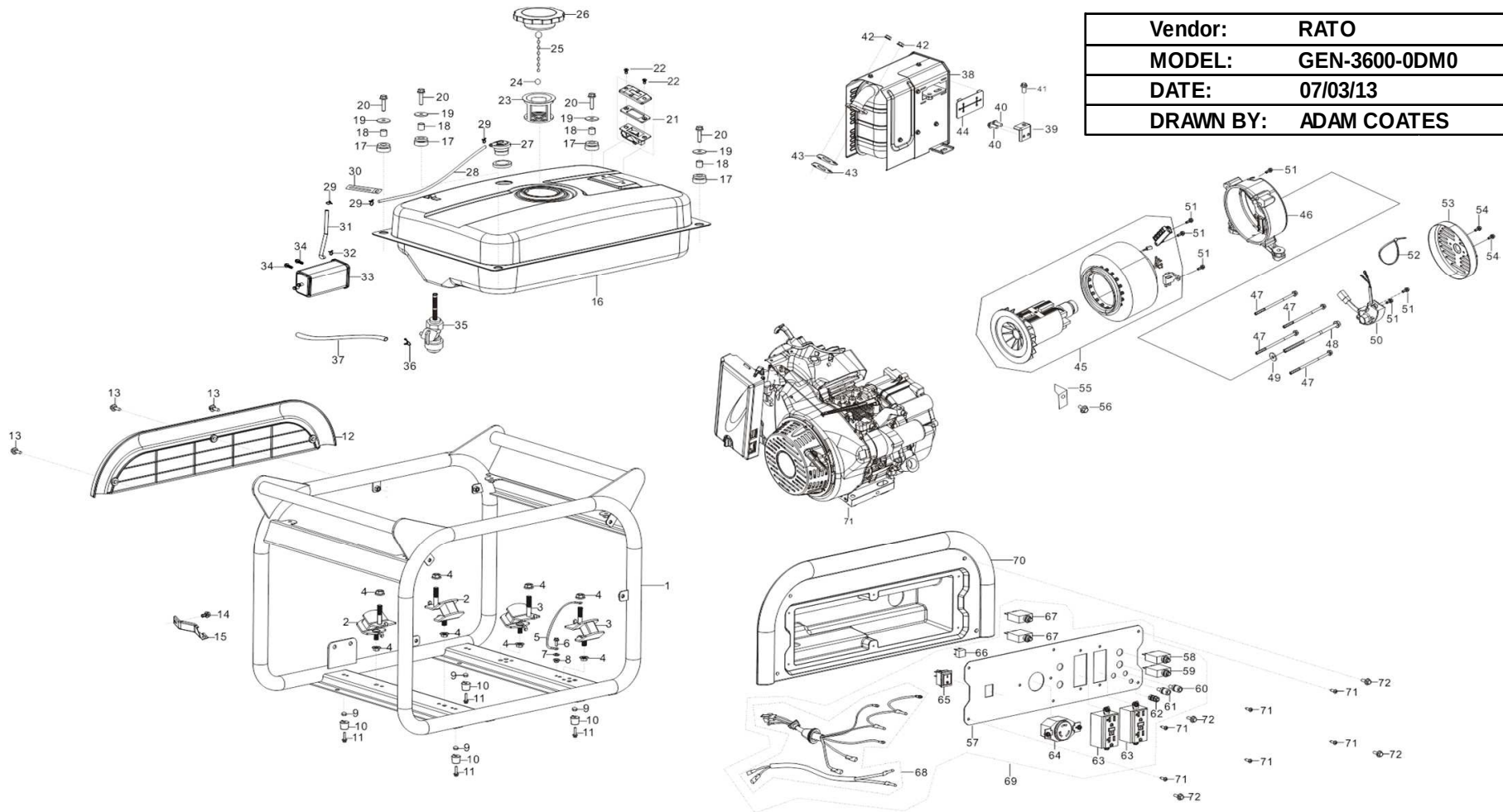


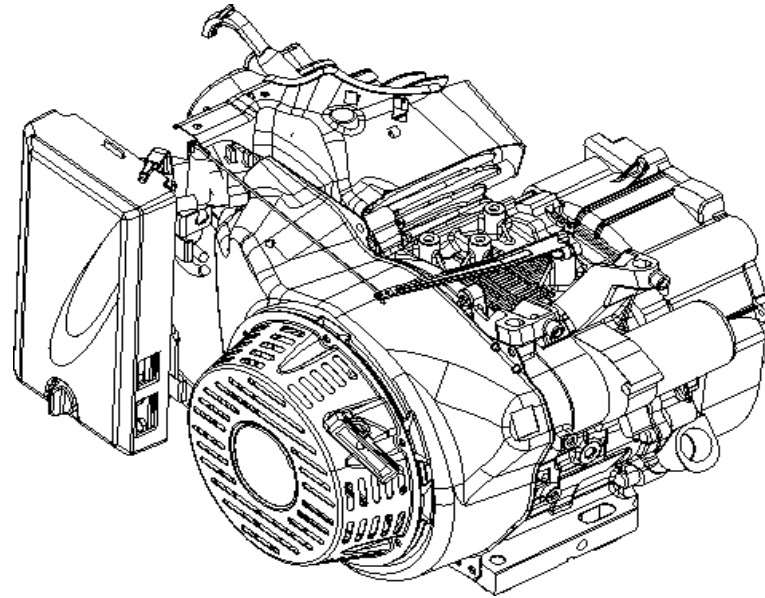
3600W MiTM Outdoor Generator - EPA3

Vendor:	RATO
MODEL:	GEN-3600-ODM0
DATE:	07/03/13
DRAWN BY:	ADAM COATES



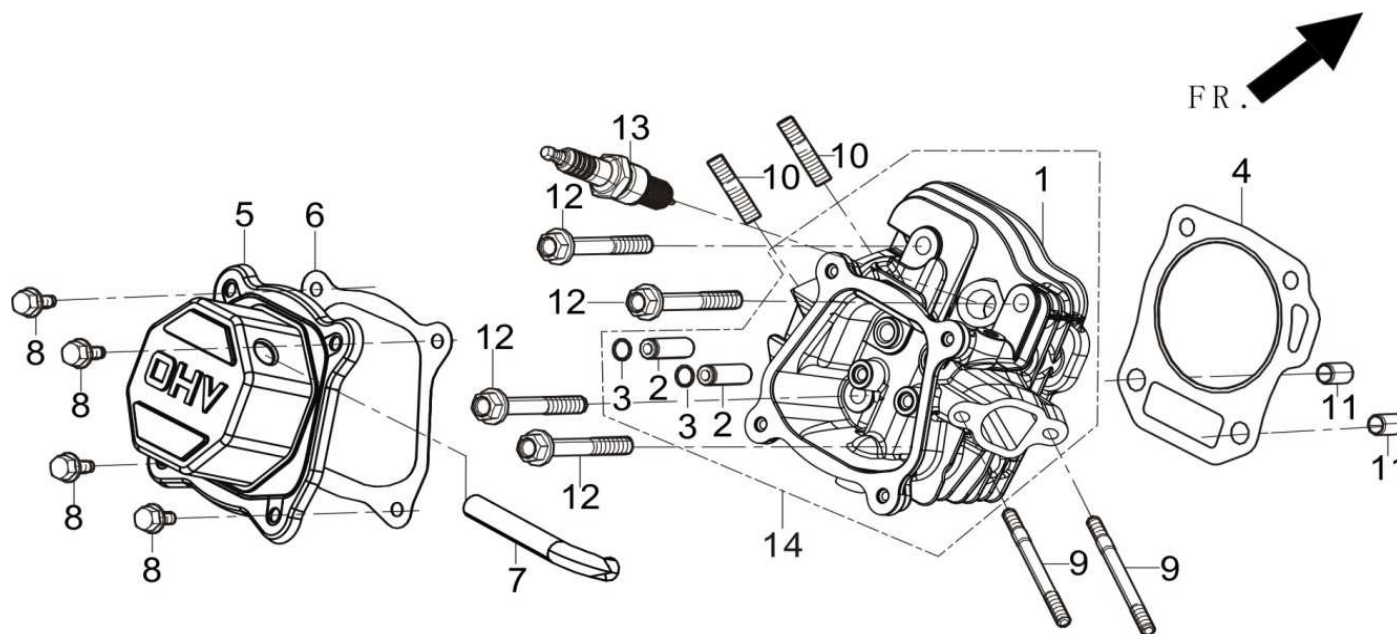
DATE:	DESCRIPTION:	BY:
9/16/2013	ADDED 1-0225 ENGINE, 45-0673 AIR CLEANER ELEMENT 3600, AND 80-0007 CARBON BRUSH 3600	ALC

FIG.1 ENGINE



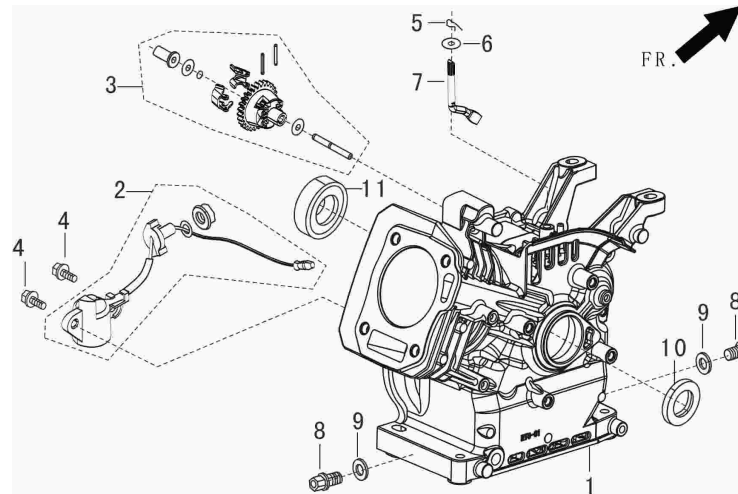
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
1-01	ENGINE	1	1-0225	R210MT000FB-MMT004

FIG.2 CYLINDER HEAD SUBASSEMBLY



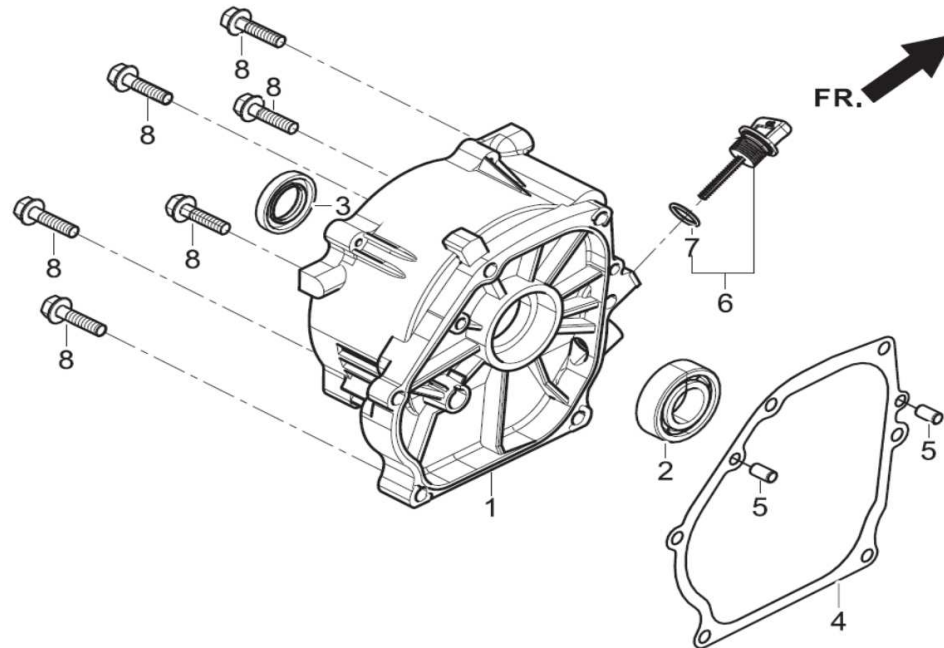
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
2-04	GASKET-CYLINDER HEAD	1	45-0463	12131-Z530320-0000
2-05	CYLINDER HEAD COVER SUBASSY	1	45-0536	12410-Z440110-0099
2-06	GASKET-CYLINDER HEAD COVER	1	45-0537	12004-Z440110-0000
2-07	TUBE-BREATHER	1	45-0538	17004-Z010110-0000
2-08	BOLT-CYLINDER HEAD COVER	4	45-0315	90001-0612-01
2-09	STUD-CARBURETOR	2	45-0539	90204-Z010210-0000
2-10	STUD	2	45-0468	90203-Z010110-0000
2-11	PIN	2	45-0469	90502-1114-00
2-12	BOLT-CYLINDER HEAD	4	45-0470	12003-Z010110-0000
2-13	SPARK PLUG	1	45-0310	30010-Z010210-0000
2-14	CYLINDER HEAD SUBASSY	1	45-0540	12140-Z810110-0000

FIG.3 CRANKCASE / GOVERNOR GEAR ASSEMBLY



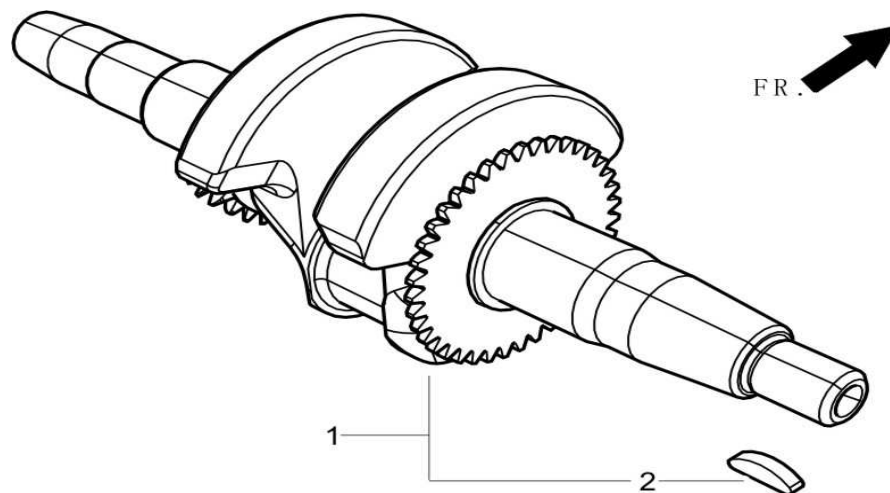
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
3-01	CRANKCASE SUBASSY	1	45-0541	11310-Z530520-0099
3-02	SENSOR-ENGINE OIL	1	45-0474	37060-Z010110-0000
3-03	GOVERNOR GEAR ASSY	1	45-0475	16400-Z010110-0000
3-04	BOLT	2	45-0531	90001-0614-01
3-05	PIN	1	45-0328	90501-Z010110-0000
3-06	WASHER	1	45-0480	90408-Z010210-0000
3-07	GOVERNOR ARM	1	45-0476	16061-Z010110-0000
3-08	BOLT-DRAIN PLUG	2	45-0477	11007-Z010110-0000
3-09	WASHER-DRAIN PLUG	2	45-0530	90408-Z010110-0000
3-10	SEAL-OIL	1	45-0479	90682-Z300110-0000
3-11	BEARING-GOV GEAR	1	45-0478	90547-0205-CL

FIG.4 CRANKCASE COVER SUBASSEMBLY



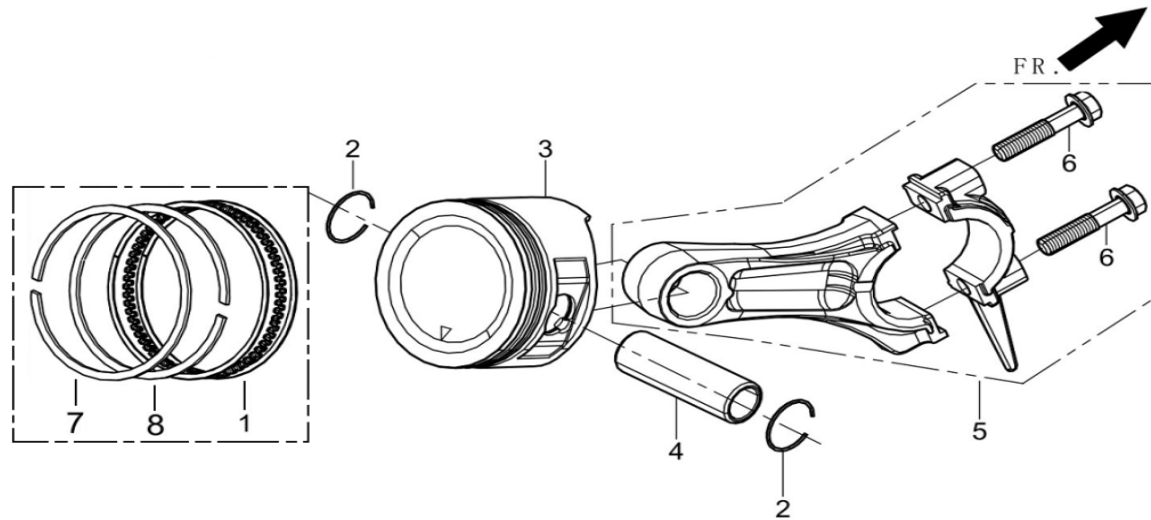
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
4-01	COVER-CRANKCASE	1	45-0542	11411-Z530110-0000
4-02	BEARING-GOV GEAR	1	45-0478	90547-0205-CL
4-03	SEAL-OIL	1	45-0479	90682-Z300110-0000
4-04	GASKET-CRANKCASE	1	45-0482	11001-Z440110-0000
4-05	PIN	2	45-0329	90502-0912-00
4-06	DIPSTICK-OIL SUBASSY	1	45-0483	15010-Z010120-Q500
4-08	BOLT-CRANKCASE	6	45-0532	90001-0832-01

FIG.5 CRANKSHAFT CONNETING ROD



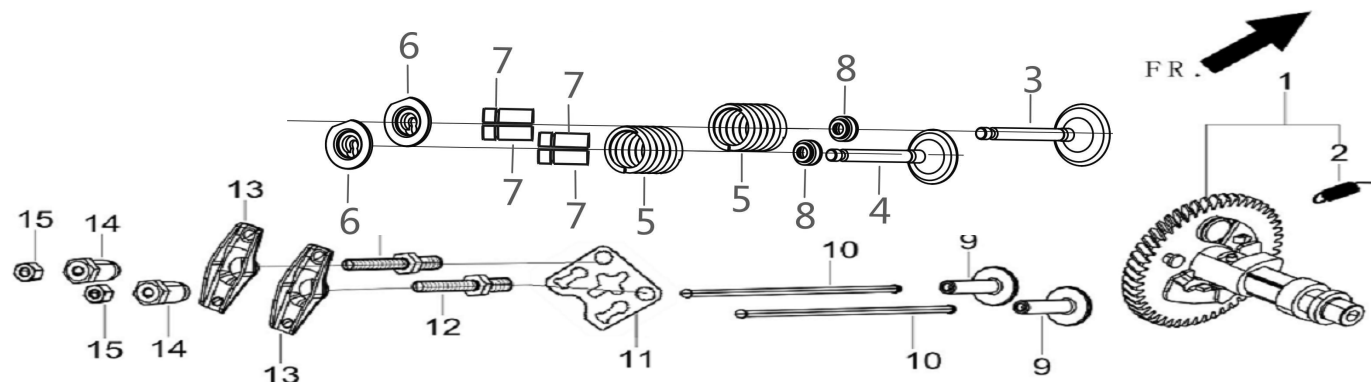
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
5-01	CRANKSHAFT ASSY	1	45-0543	13300-Z530410-0000

FIG.6 PISTON SUBASSEMBLY



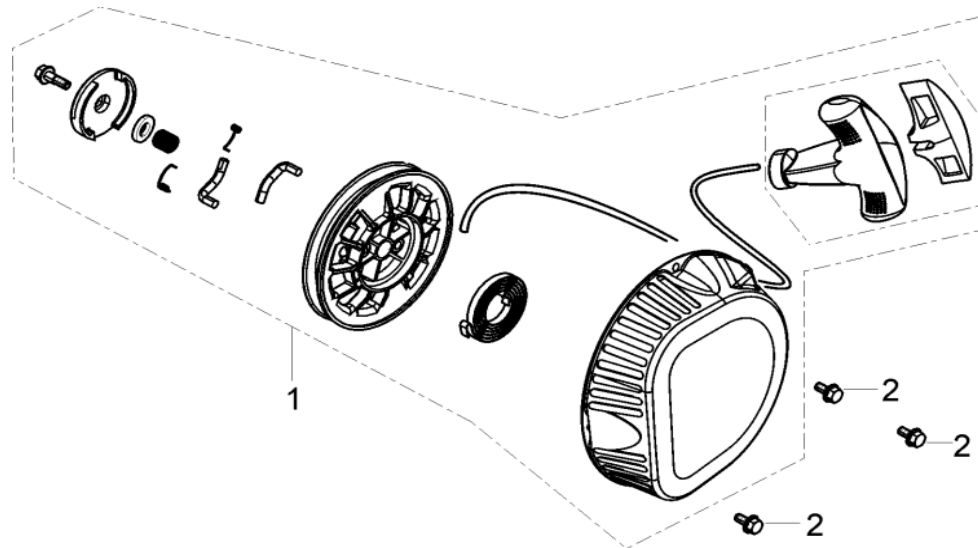
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
6-01	RING SET-OIL	1	45-0490	13210-Z140220-0099
6-02	CLIP-PISTON PIN	2	45-0350	13122-Z010110-0000
6-03	PISTON	1	45-0485	13111-Z140220-0099
6-04	PIN-PISTON	1	45-0486	13121-Z010110-0000
6-05	ROD-CONNECTING	1	45-0487	13010-Z440210-0099
6-07	RING-THE FIRST	1	45-0488	13201-Z140210-0099
6-08	RING-THE SECOND	1	45-0489	13202-Z140210-0099

FIG.7 VALVE TRAIN / CAMSHAFT SUBASSEMBLY



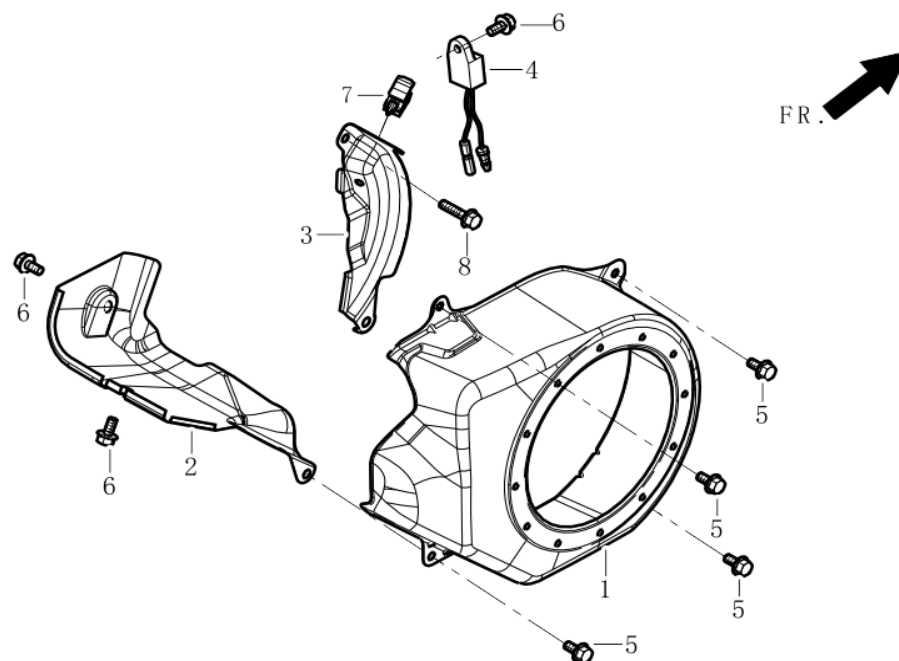
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
7-01	CAMSHAFT ASSY	1	45-0491	14200-Z530110-0099
7-03	VALVE-EXHAUST	1	45-0544	12121-Z810110-0000
7-04	VALVE-INTAKE	1	45-0545	12111-Z810110-0000
7-05	VALVE-SPRING	2	45-0501	12103-Z010110-0000
7-06	SEAT-VALVE SPRING	2	45-0546	12112-Z810110-0000
7-07	VALVE KEY	2	45-0547	12109-Z810110-0000
7-08	GUIDE-SEAL	1	45-0548	12101-Z810110-0000
7-09	VALVE-TAPPET	2	45-0497	14081-Z040110-0000
7-10	VALVE-LIFTER	2	45-0498	14071-Z440110-0000
7-11	LIFTER STOPPER PLATE SUBASSY	1	45-0499	14090-Z010110-0000
7-12	BOLT-VALVE ADJUSTING	2	45-0270	14313-Z010110-0000
7-13	VALVE-ROCKER	2	45-0500	14311-Z010110-0000
7-14	NUT-VALVE ADJUSTING	2	45-0271	14314-Z010110-0000
7-15	NUT-VALVE LOCK	2	45-0269	14312-Z010110-0000

FIG.8 RECOIL STARTER



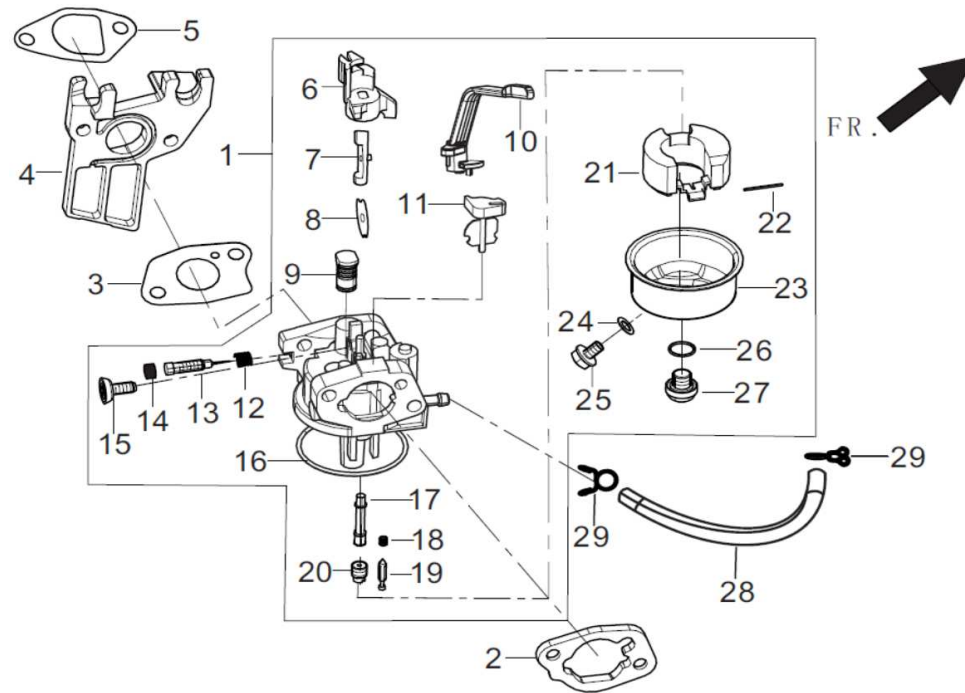
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
8-01	RECOIL STARTER ASSY	1	45-0502	28200-Z010720-H600
8-02	BOLT	3	45-0381	90001-0608-01

FIG.9 SHROUDS



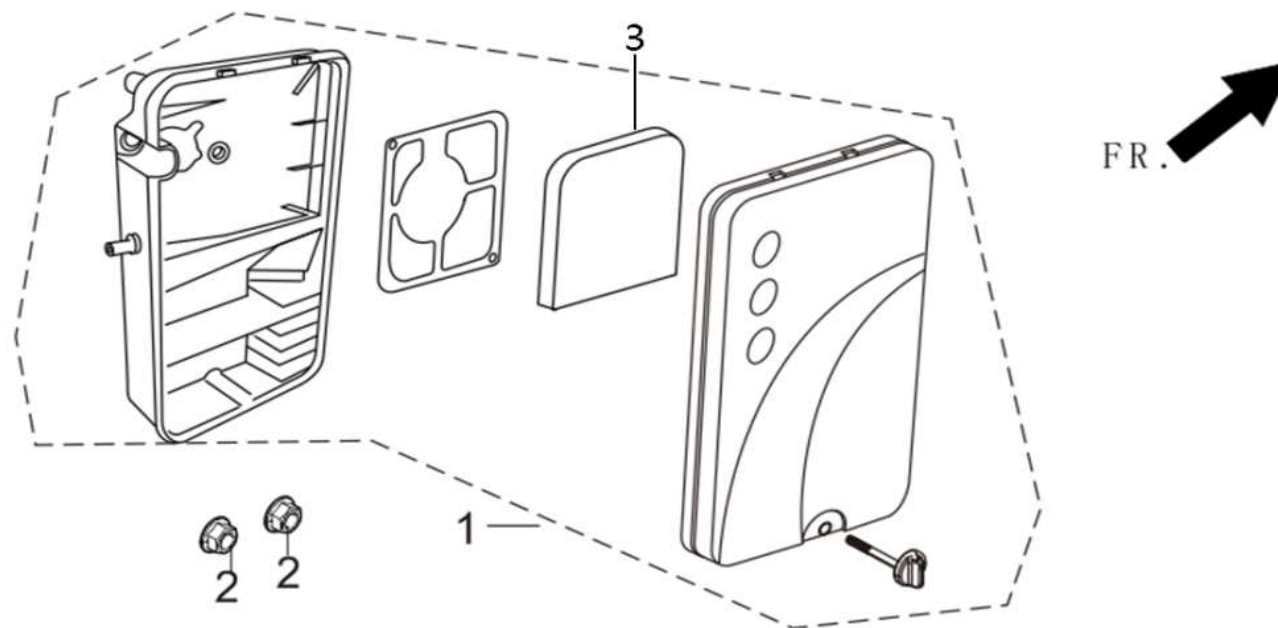
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
9-01	SHROUD-IMPELLER	1	45-0503	28110-Z010410-H600
9-02	SHROUD-CYLINDER BODY	1	45-0504	19304-Z010110-0000
9-03	SHIELD-FLYWHEEL	1	45-0549	19340-Z010510-0000
9-04	PROTECTOR-OIL	1	45-0313	37050-Z010210-0000
9-05	BOLT	4	45-0315	90001-0612-01
9-06	BOLT	3	45-0533	90001-0610-01
9-07	CLIP-SHROUD	1	45-0507	90740-Z010110-0000
9-08	BOLT	1	45-0316	90001-0616-01

FIG.10 CARBURETOR ASSEMBLY



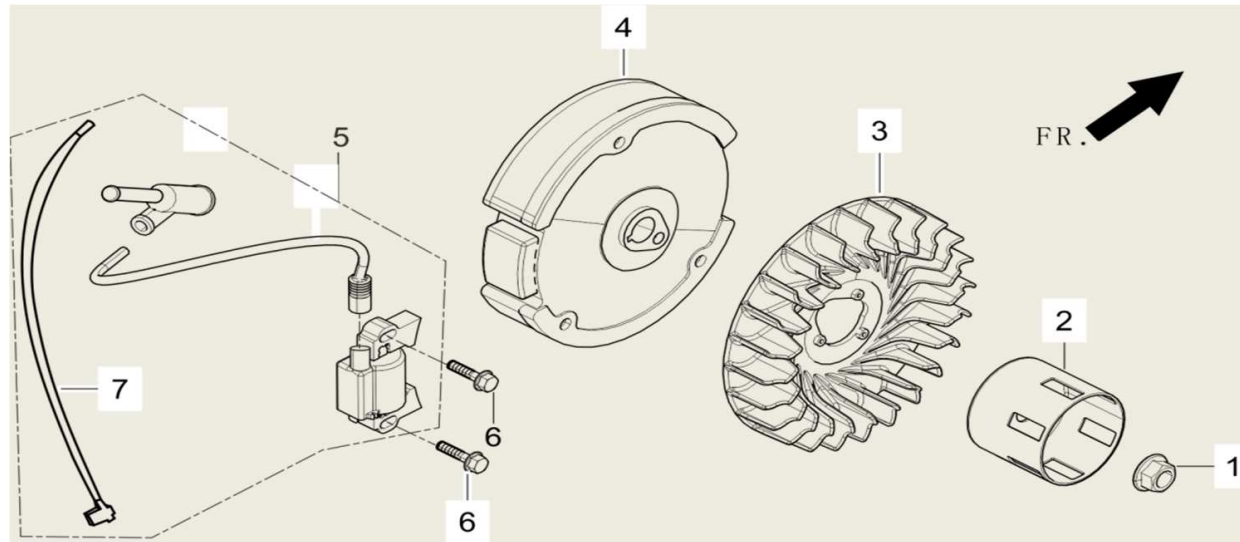
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
10-01	CARBURETOR ASSY	1	45-0550	16100-Z530710-0099
10-02	GASKET-AIR CLEANER	1	45-0551	17001-Z010110-0000
10-03	GASKET-CARBURETOR	1	45-0201	16001-Z010110-0000
10-04	PLATE-CARBURETOR INSULATOR	1	45-0510	16003-Z010110-0000
10-05	GASKET-INLET	1	45-0511	16002-Z050110-0000
10-28	HOSE-FUEL	1	45-0552	90686-Z010810-0000
10-29	HOSE CLAMP	2	45-0517	90740-Z010210-0000

FIG.11 AIR CLEANER



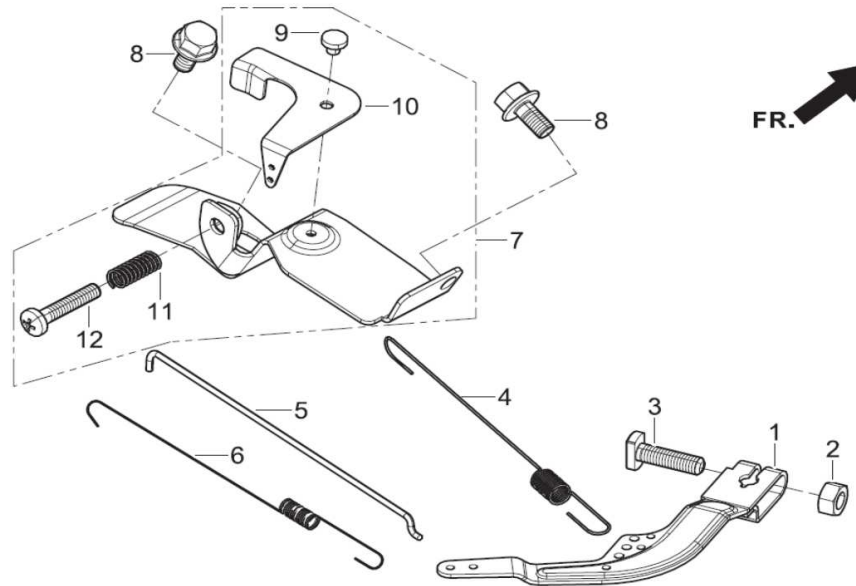
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
11-01	AIR CLEANER	1	45-0553	17100-Z300810-0001
11-02	NUT-AIR CLEANER	2	45-0324	90305-0600-31
11-03	AIR CLEANER ELEMENT	1	45-0673	17151-Z300310-0000

FIG.12 FLYWHEEL / IMPELLER / STARTER PULLEY / IGNITION COIL



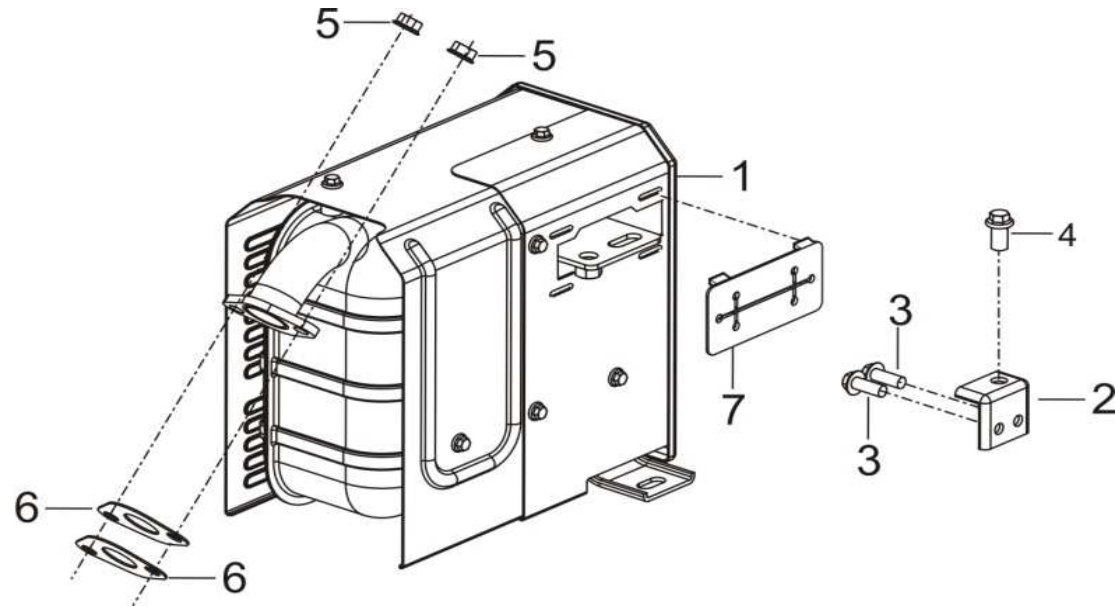
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
12-01	NUT-FLYWHEEL	1	45-0520	13501-Z010110-0000
12-02	PULLEY-STARTER	1	45-0521	28002-Z010310-0000
12-03	IMPELLER	1	45-0522	19352-Z440110-0000
12-04	FLYWHEEL SUBASSY	1	45-0554	13510-Z440410-0000
12-05	COIL-IGNITION	1	45-0555	30400-Z300110-0000
12-06	BOLT-COIL CLAMP	2	45-0535	90001-0625-01

FIG.13 THROTTLE CONTROL ASSEMBLY



REF.NO.	DESCRIPTION	QTY	MiTM	RATO
13-01	GOVERNOR SUPPORT SUBASSY	1	45-0529	16070-Z010110-0000
13-02	NUT	1	45-0324	90305-0600-31
13-03	BOLT-GOVERNOR SUPPORT	1	45-0282	16072-Z010110-0000
13-04	SPRING-GOVERNOR	1	45-0557	16063-Z010310-0000
13-05	ROD-GOVERNEOR	1	45-0527	16062-Z010110-0000
13-06	SPRING-THROTTLE VALVE RETURN	1	45-0528	16012-Z010110-0000
13-07	THROTTLE CONTROL ASSY	1	45-0556	16520-Z040110-0000
13-08	BOLT	2	45-0533	90001-0610-01

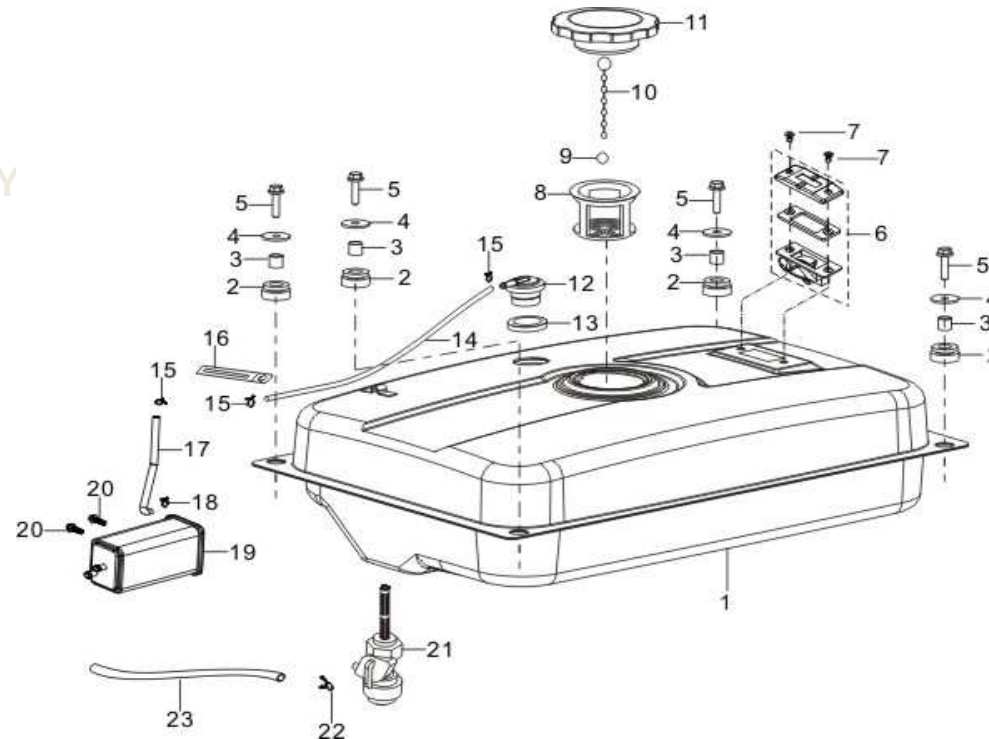
FIG.14 MUFFLER ASSEMBLY



REF.NO.	DESCRIPTION	QTY	MiTM	RATO
14-01	MUFFLER ASSY-GEN 3600	1	80-0142	18100-Y1K0310-0000
14-02	BRACKET-MUFFLER	1	80-0144	18030-Y3J0110-H300
14-03	BOLT-MUFFLER BRACKET	2	27-8898	
14-04	BOLT-MUFFLER	1	27-9524	90001-0816-03
14-05	NUT-MUFFLER	2	30-3023	90303-0800-33
14-06	GASKET-EXHAUST OUTLET	2	45-0513	18001-Z440110-0000
14-07	ISO PAD-MUFFLER	1	80-0143	18005-Y1K0110-0000

FIG.15 FUEL TANK ASSEMBLY

_ TANK ASSEMBLY

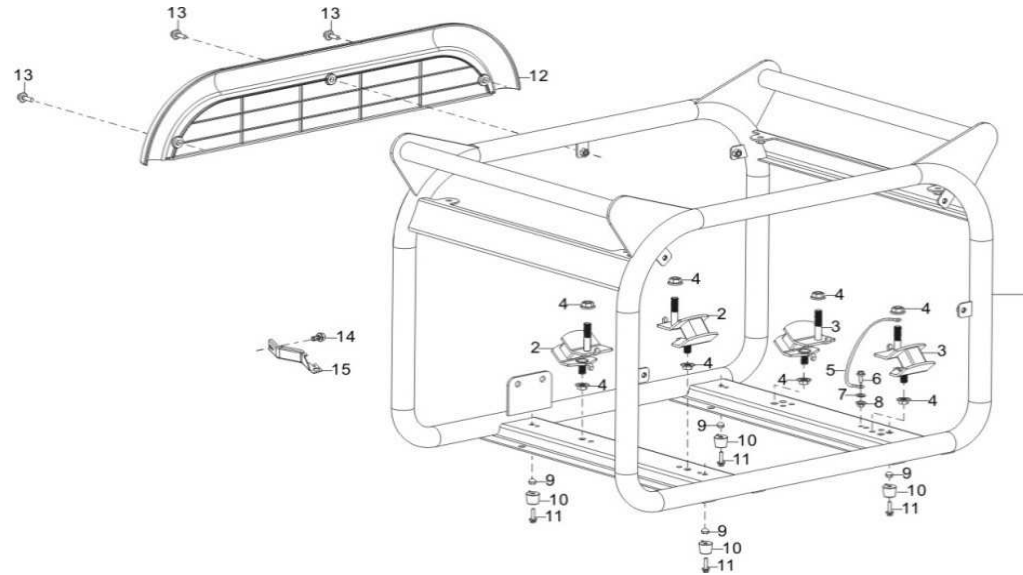


REF.NO.	DESCRIPTION	QTY	MiTM	RATO
15-01	FUEL TANK-GENERATOR 3600 BRN	1	80-0002	16620-Y0Z0110-QZ00
15-02	GROMMET-FUEL TANK	4	80-0004	16601-Y020120-0000
15-03	BUSHING-FUEL TANK	4	80-0005	90683-Y020110-0000
15-04	WASHER-FUEL TANK	4	80-0006	90408-Y020110-0000
15-05	BOLT-FUEL TANK	4	27-8898	
15-06	OIL LEVEL ASSY-FUEL	1	80-0008	37200-Y020210-H300
15-07	SCREW-OIL LEVEL	2	80-0009	90104-0512-53
15-08	STRAINER-FUEL	1	80-0010	16652-Y020120-0000

FIG.15 FUEL TANK ASSEMBLY / CONTINUED

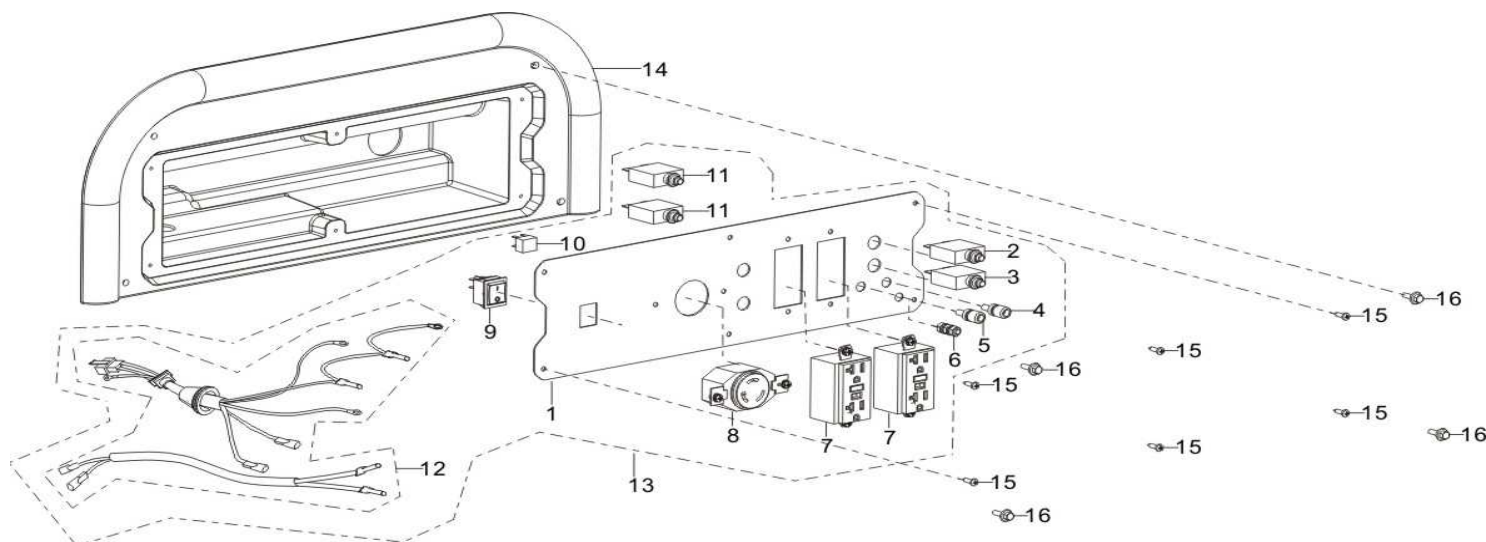
REF.NO.	DESCRIPTION	QTY	MITM	RATO
15-09	CLIP- FUEL CAP RING	1	80-0011	16658-Y730110-0000
15-10	CHAIN-FUEL CAP TETHER	1	80-0012	16744-Y730110-0000
15-11	CAP-FUEL TANK	1	80-0013	16730-Y020610-0300
15-12/13	VALVE-ONE WAY	1	80-0014	15150-Y1Z0110-0000
15-14	HOSE-CANISTER VENT	1	80-0015	16804-Y120110-0000
15-15	SS WORM CLAMP 1/4"-5/8"	3	42-0004	90685-Y950110-0000
15-16	CLIP	1	45-0335	90684-Z030120-0000
15-17	HOSE-AIR CLEANER	1	80-0016	16805-Y110210-0000
15-18	SS WORM CLAMP 1/4"-5/8"	1	42-0004	90685-Y950110-0000
15-19	CARBON CANISTER-GEN 3600	1	80-0017	16801-Y110110-0000
15-20	BOLT-CARBON CANISTER	2	27-8001	90007-0612-A3
15-21	FUEL VALVE ASSY	1	80-0019	16750-Y020110-0000
15-22	HOSE CLAMP	1	45-0517	90740-Z010210-0000
15-23	HOSE-FUEL SUPPLY	1	80-0020	30431-Y020110-0000

FIG.16 ENGINE FRAME ASSEMBLY



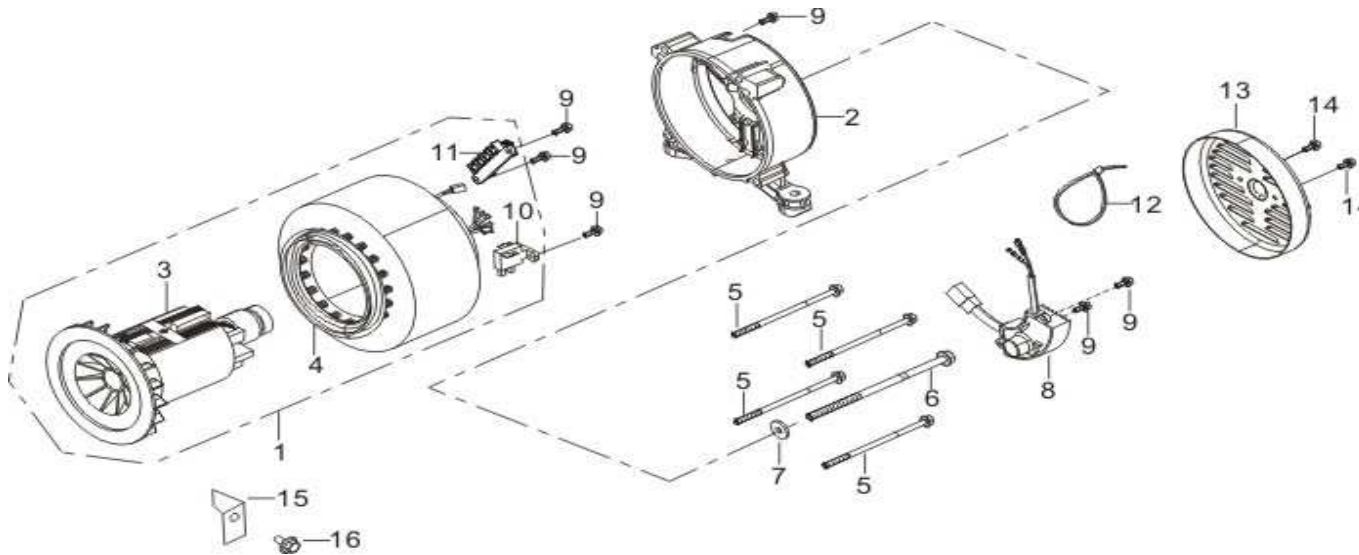
REF.NO.	DESCRIPTION	QTY	MiTM	RATO
16-01	FRAME ASSY-GENERATOR 3600 BRN	1	80-0022	51100-Y0Z0110-QY00
16-02	VIB ISO-ENGINE	2	80-0024	51005HY020120-0000
16-03	VIB ISO-ALTERNATOR	2	80-0025	51011HY020120-0000
16-04	NUT	8	45-0436	90305-0800-31
16-05	WIRE-GROUND	1	80-0026	30009-Y910110-0000
16-06	BOLT	1	45-0319	90001-0630-01
16-07	WASHER-GROUND	1	80-0034	90415-0600-Z1
16-08	NUT-GROUND	1	30-5018	90305-0600-33
16-09	NUT-SHOCK ABSORBER	4	80-0035	90314-0600-33
16-10	ISOLATOR-SHOCK ABSORBER	4	80-0032	51014HY020120-0000
16-11	BOLT-SHOCK ABSORBER	4	80-0031	90001-Y020110-0000
16-12	SHROUD-FRONT BLK	1	80-0028	51025-Y0Z0110-0000
16-13	BOLT-SHROUD FRONT	3	27-8898	
16-14	BOLT-MUFFLER BRACKET	1	27-8898	
16-15	SUPPORT-AIR CLEANER	1	80-0033	17003-Y110130-0000

FIG.17 CONTROL PANEL SUBASSEMBLY



REF.NO.	DESCRIPTION	QTY	MiTM	RATO
17-01	CONTROL PANEL- GEN 3600 BRN	1	80-0037	35650-Y0Z0110-0000
17-02	BREAKER-25A MAIN	1	80-0039	31234-Y3Z0110-0000
17-03	BREAKER-10A DC	1	80-0040	31234-Y020110-0000
17-04	TERMINAL-NEGATIVE ELECTRODE	1	80-0041	35634-Y020110-0000
17-05	TERMINAL-POSITIVE ELECTRODE	1	80-0042	35633-Y020110-0000
17-06	GROUNDING TERMINAL SUBASSY	1	80-0038	35629-Y090110-0000
17-07	RECEPTACLE-GFCI DUPLEX 20A	2	32-0830	35614-Y090310-0000
17-08	RECEPTACLE-L14-30 TWIST	1	32-0831	35614-Y090210-0000
17-09	CONTROL PANEL SWITCH	1	80-0043	35160-Y020110-0000
17-10	BRIDGE-RECTIFIER	1	80-0044	35621-Y020110-0000
17-11	CIRCUIT BREAKER	2	32-0438	31234-Y090110-0000
17-13	CONTROL PANEL SUB. 3600 BRN	1	80-0046	35610-Y0Z0210-H300
17-14	SEAT-PANEL-3600	1	80-0048	35680-Y0Z0110-0000
17-15	SCREW-CONTROL PANEL	6	80-0047	90107-4216-03
17-16	BOLT-SHROUD	4	27-8898	

FIG.18 ROTOR/STATOR



REF.NO.	DESCRIPTION	QTY	MiTM	RATO
18-01	ALTERNATOR ASSY	1	80-0059	31300-Y111510-0000
18-02	BRACKET-ALTERNATOR	1	80-0052	30021-Y020110-0000
18-05	BOLT-STATOR	4	80-0054	30048-Y060120-0000
18-06	BOLT-ROTOR	1	80-0055	30049-Y060120-0000
18-07	WASHER-ROTOR	1	80-0053	90408-Y020210-0000
18-08	REGULATOR-VOLTAGE	1	80-0056	30060-Y025110-0000
18-09	BOLT-PANEL SEAT	6	27-9596	90001-0512-01
18-10	CARBON BRUSH	1	80-0007	31320-Y020120-0000
18-12	CABLE TIE 4" NYLON	2	33-0472	90727-Y040110-0000
18-13	END CAP-ALTERNATOR	1	80-0057	30022-Y020110-H600
18-14	BOLT-ALTERNATOR	2	80-0058	90001-0512-03
18-15	STOPPER BRACKET-ALTERNATOR	1	80-0050	30023-Y020110-0000
18-16	BOLT-STOPPER BRACKET	1	80-0060	90007-0612-A1