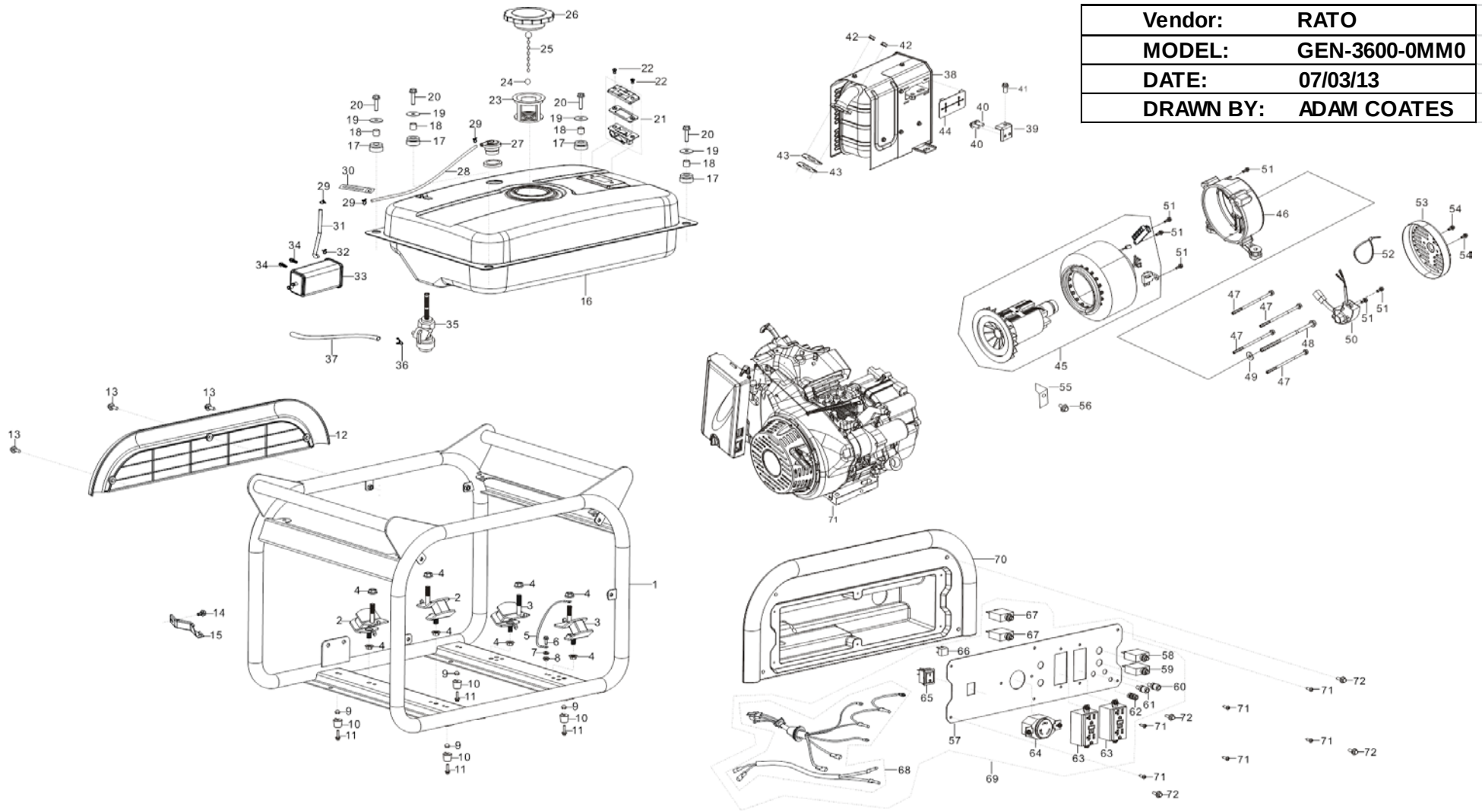
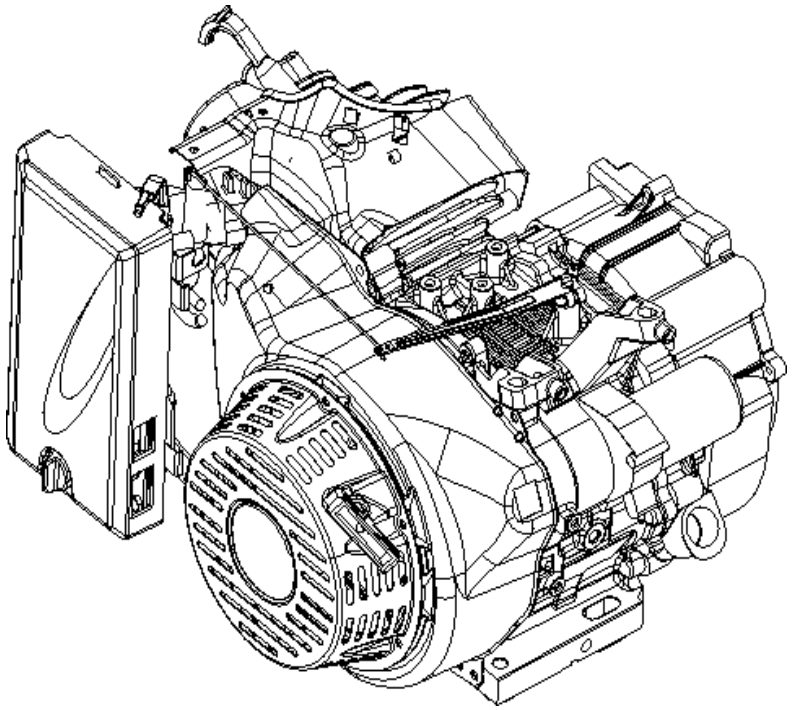
3600W MiTM Generator EPA3

Vendor:	**RATO**
MODEL:	**GEN-3600-0MM0**
DATE:	**07/03/13**
DRAWN BY:	**ADAM COATES**



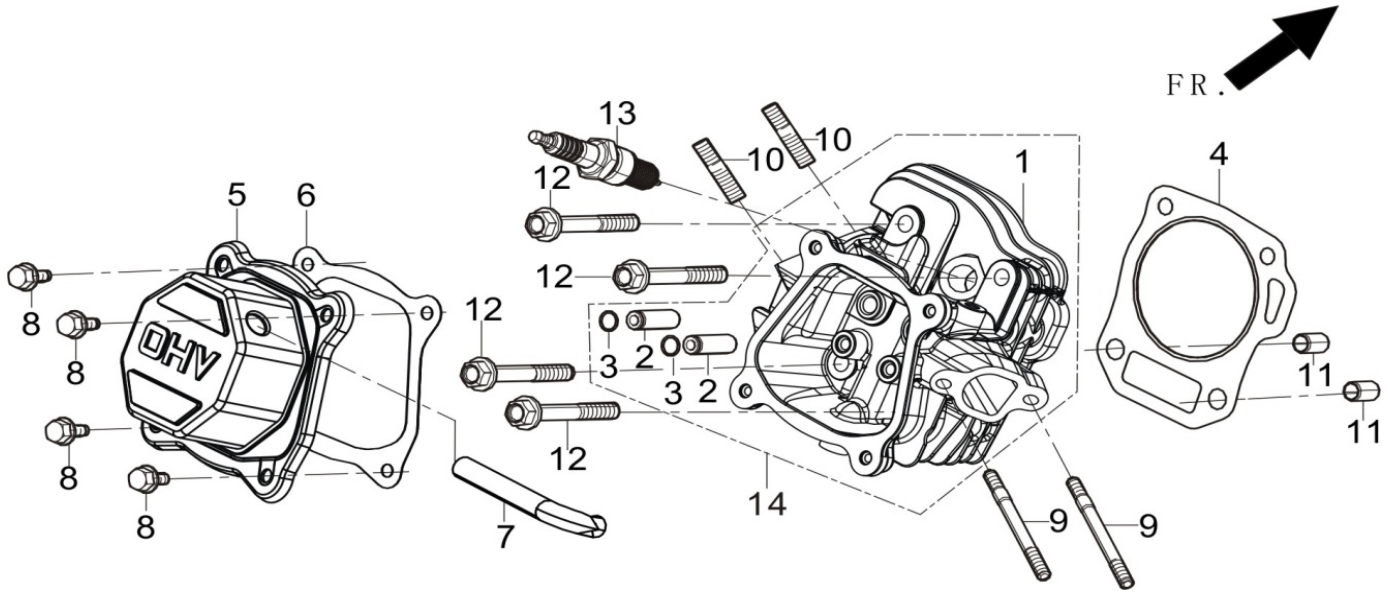
DATE:	DESCRIPTION:	BY:
9/16/2013	ADDED 1-0225 ENGINE, 45-0673 AIR CLEANER ELEMENT , AND 80-0007 CARB	ALC
5/25/2016	CHG 80-0041 NEGATIVE TERMINAL TO 80-0176 AND 80-0042 POSITIVE TERMI	ALC
7/18/2016	CHANGED 32-0438 20 AMP BREAKER FOR 80-0277 20 AM BREAKER FIG 17-11	ALC

FIG.1 ENGINE



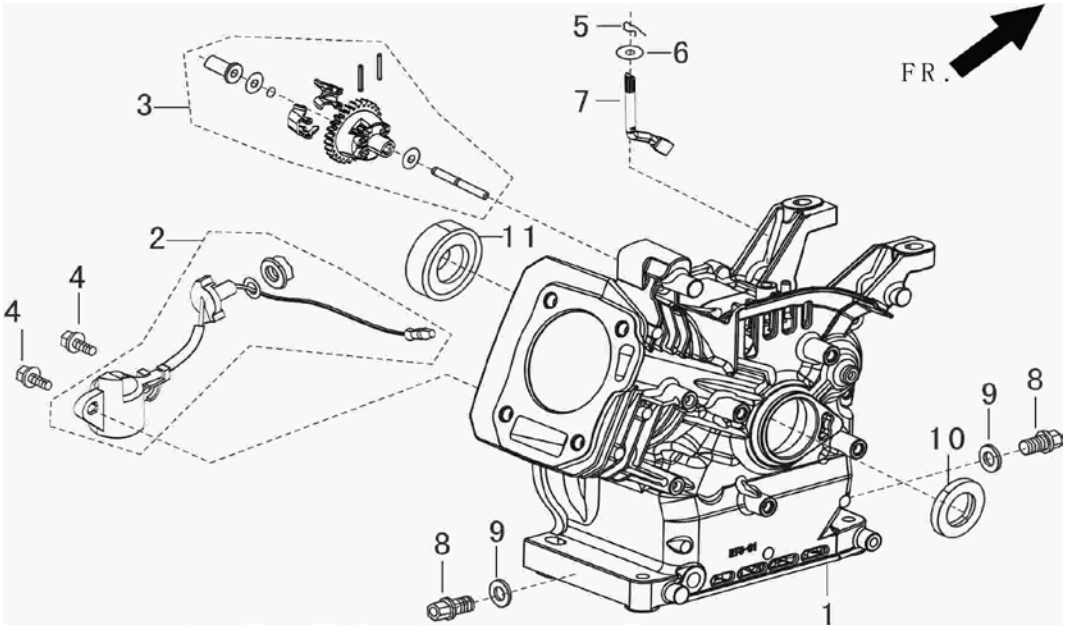
REF.NO.	DESCRIPTION	QTY	MiTM
1-01	ENGINE	1	1-0225

FIG.2 CYLINDER HEAD SUBASSEMBLY



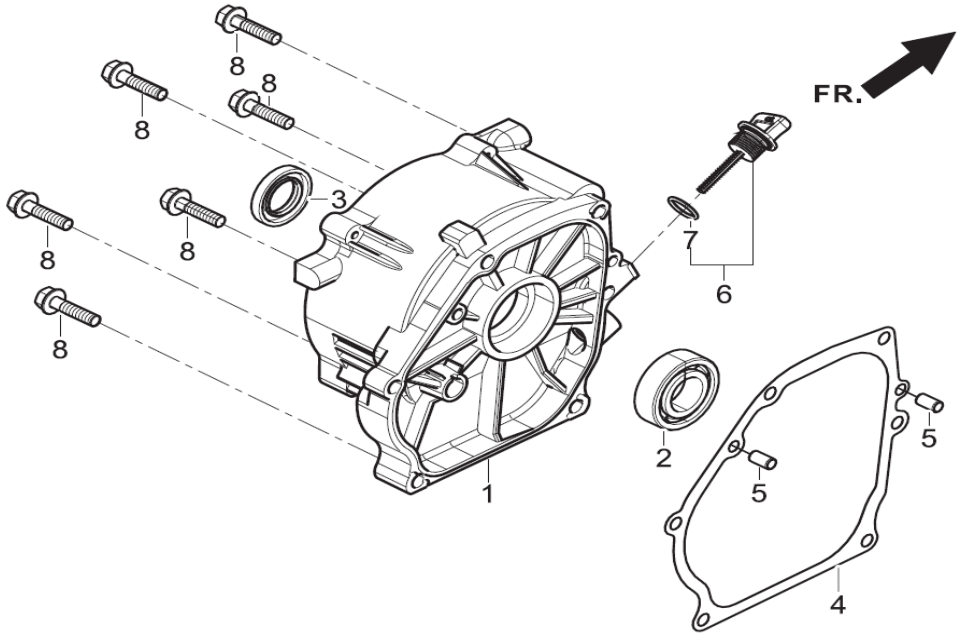
REF.NO.	DESCRIPTION	QTY	MiTM
2-04	GASKET-CYLINDER HEAD	1	45-0463
2-05	CYLINDER HEAD COVER SUBASSY	1	45-0536
2-06	GASKET-CYLINDER HEAD COVER	1	45-0537
2-07	TUBE-BREATHER	1	45-0538
2-08	BOLT-CYLINDER HEAD COVER	4	45-0315
2-09	STUD-CARBURETOR	2	45-0539
2-10	STUD	2	45-0468
2-11	PIN	2	45-0469
2-12	BOLT-CYLINDER HEAD	4	45-0470
2-13	SPARK PLUG	1	45-0310
2-14	CYLINDER HEAD SUBASSY	1	45-0540

FIG.3 CRANKCASE / GOVERNOR GEAR ASSEMBLY



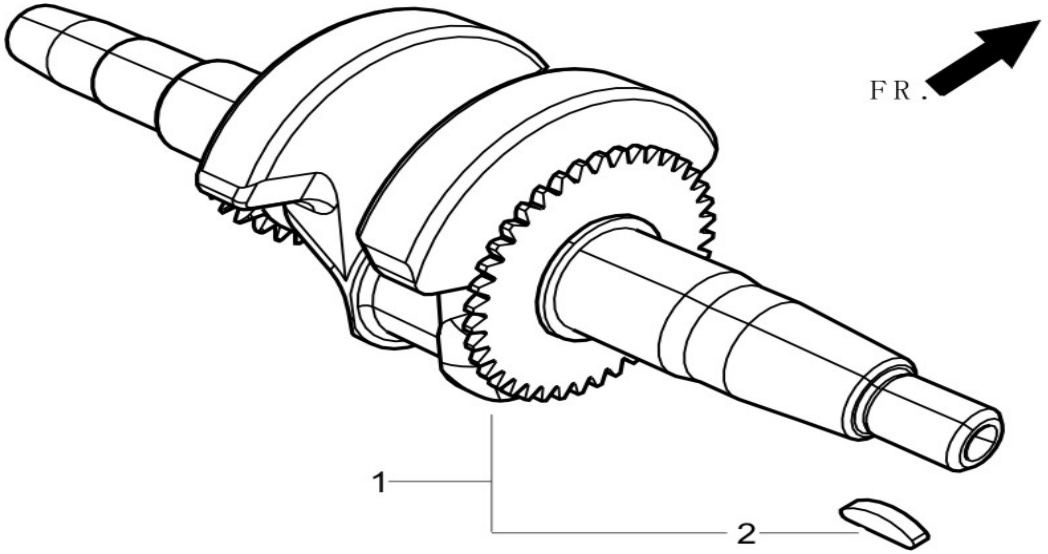
REF.NO.	DESCRIPTION	QTY	MiTM
3-01	CRANKCASE SUBASSY	1	45-0541
3-02	SENSOR-ENGINE OIL	1	45-0474
3-03	GOVERNOR GEAR ASSY	1	45-0475
3-04	BOLT	2	45-0531
3-05	PIN	1	45-0328
3-06	WASHER	1	45-0480
3-07	GOVERNOR ARM	1	45-0476
3-08	BOLT-DRAIN PLUG	2	45-0477
3-09	WASHER-DRAIN PLUG	2	45-0530
3-10	SEAL-OIL	1	45-0479
3-11	BEARING-GOV GEAR	1	45-0478

FIG.4 CRANKCASE COVER SUBASSEMBLY



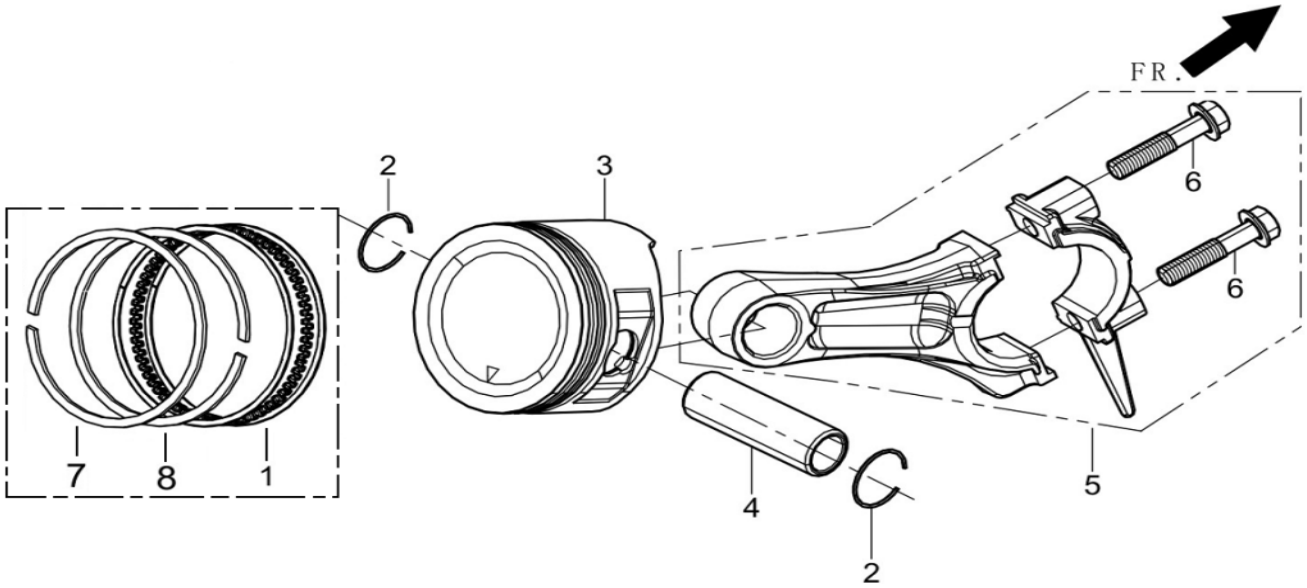
REF.NO.	DESCRIPTION	QTY	MiTM
4-01	COVER-CRANKCASE	1	45-0542
4-02	BEARING-GOV GEAR	1	45-0478
4-03	SEAL-OIL	1	45-0479
4-04	GASKET-CRANKCASE	1	45-0482
4-05	PIN	2	45-0329
4-06	DIPSTICK-OIL SUBASSY	1	45-0483
4-08	BOLT-CRANKCASE	6	45-0532

FIG.5 CRANKSHAFT CONNETING ROD



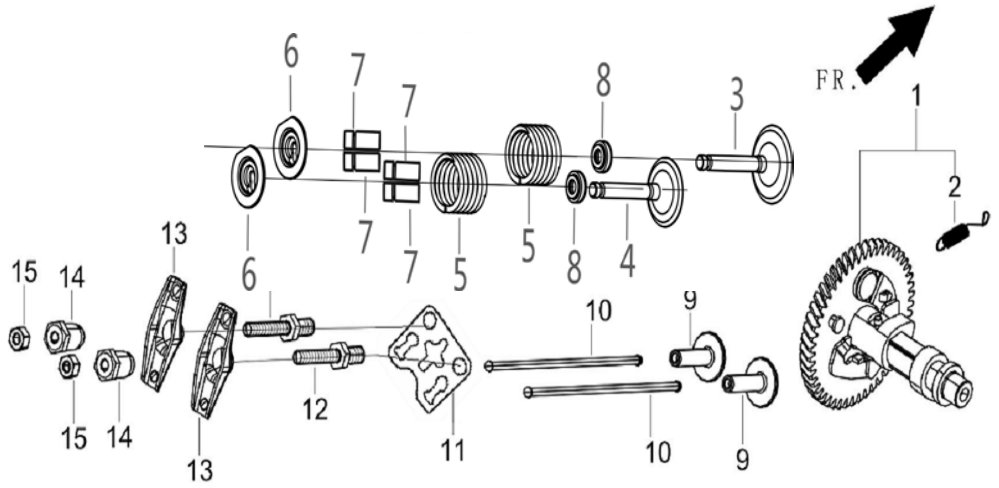
REF.NO.	DESCRIPTION	QTY	MiTM
5-01	CRANKSHAFT ASSY	1	45-0543

FIG.6 PISTON SUBASSEMBLY



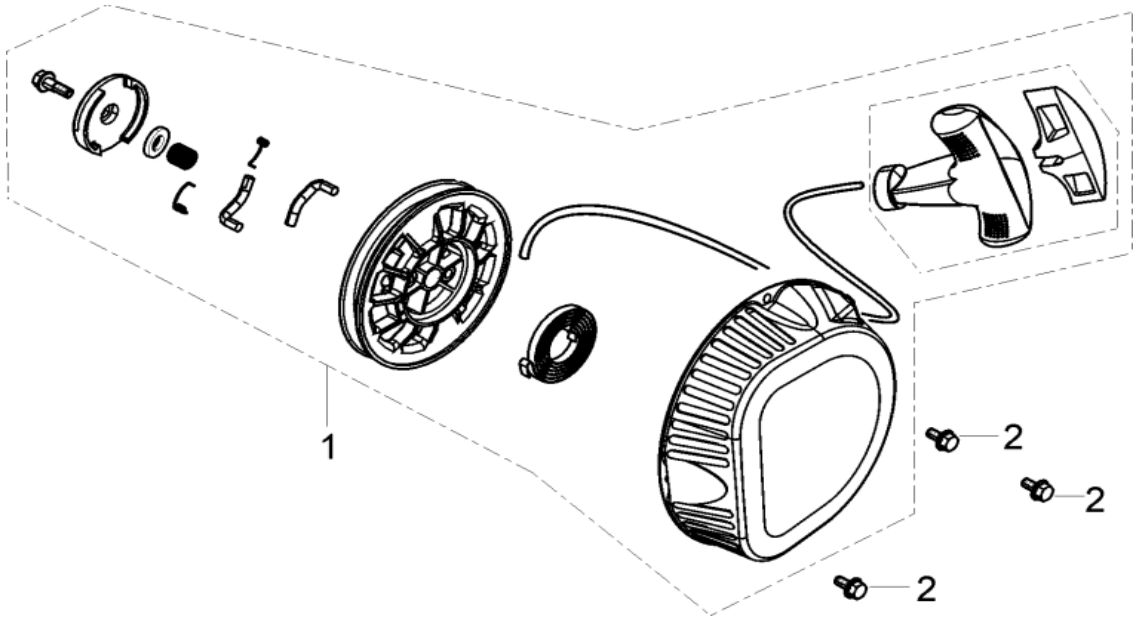
REF.NO.	DESCRIPTION	QTY	MiTM
6-01	RING SET-OIL	1	45-0490
6-02	CLIP-PISTON PIN	2	45-0350
6-03	PISTON	1	45-0485
6-04	PIN-PISTON	1	45-0486
6-05	ROD-CONNECTING	1	45-0487
6-07	RING-THE FIRST	1	45-0488
6-08	RING-THE SECOND	1	45-0489

FIG.7 VALVE TRAIN / CAMSHAFT SUBASSEMBLY



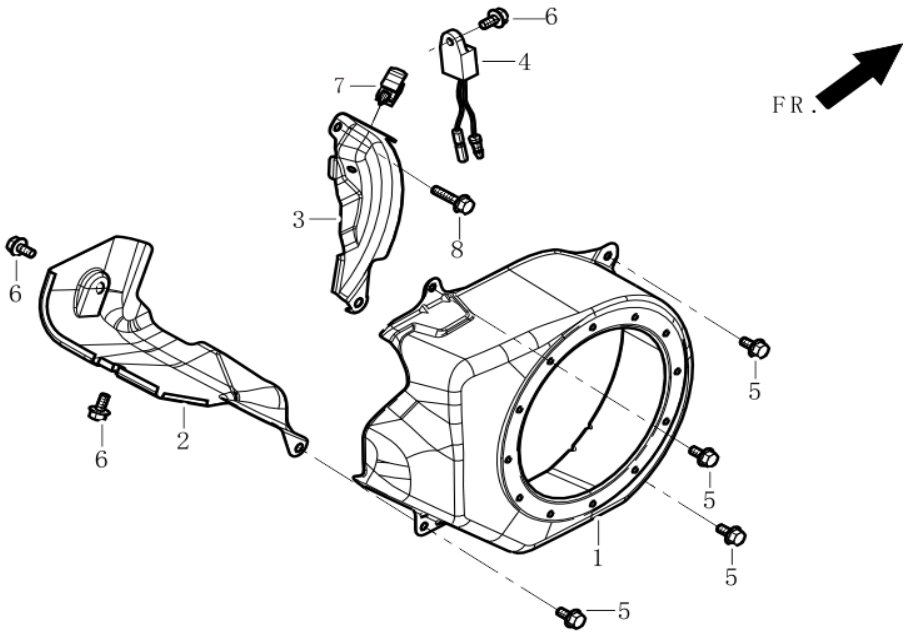
REF.NO.	DESCRIPTION	QTY	MiTM
7-01	CAMSHAFT ASSY	1	45-0491
7-03	VALVE-EXHAUST	1	45-0544
7-04	VALVE-INTAKE	1	45-0545
7-05	VALVE-SPRING	2	45-0501
7-06	SEAT-VALVE SPRING	2	45-0546
7-07	VALVE KEY	2	45-0547
7-08	GUIDE-SEAL	1	45-0548
7-09	VALVE-TAPPET	2	45-0497
7-10	VALVE-LIFTER	2	45-0498
7-11	LIFTER STOPPER PLATE SUBASSY	1	45-0499
7-12	BOLT-VALVE ADJUSTING	2	45-0270
7-13	VALVE-ROCKER	2	45-0500
7-14	NUT-VALVE ADJUSTING	2	45-0271
7-15	NUT-VALVE LOCK	2	45-0269

FIG.8 RECOIL STARTER



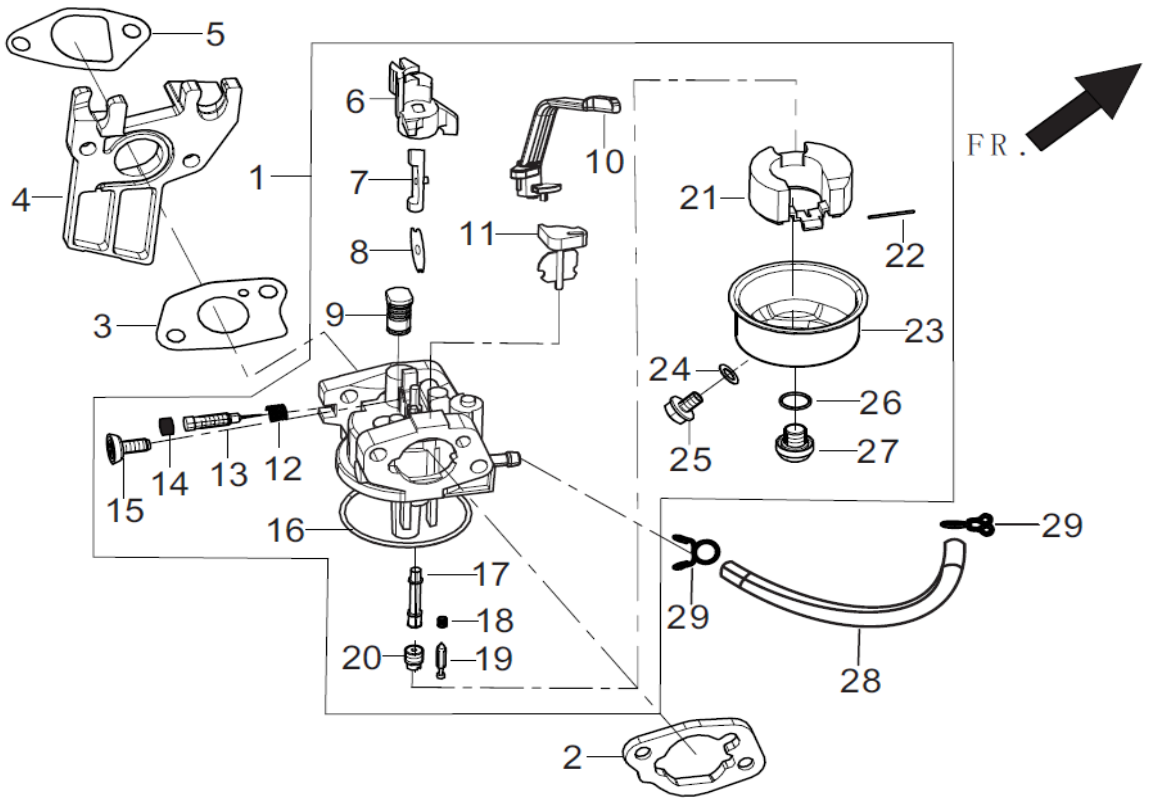
REF.NO.	DESCRIPTION	QTY	MiTM
8-01	RECOIL STARTER ASSY	1	45-0502
8-02	BOLT	3	45-0381

FIG.9 SHROUDS



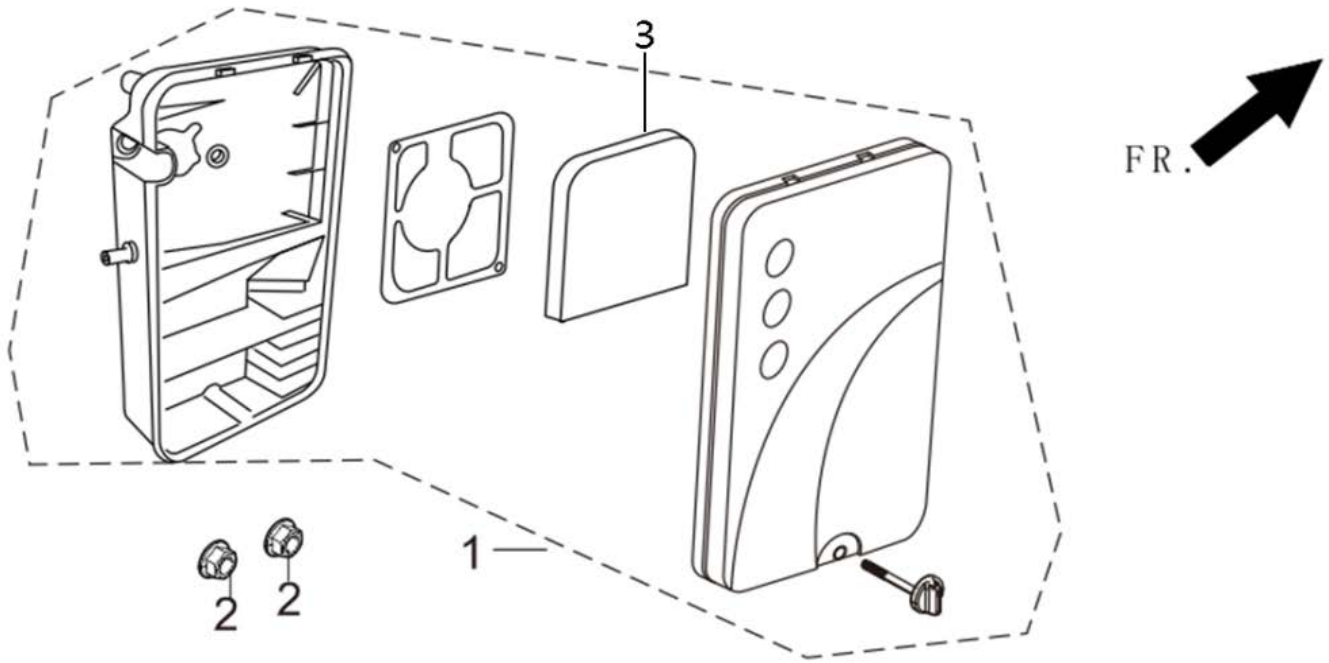
REF.NO.	DESCRIPTION	QTY	MiTM
9-01	SHROUD-IMPELLER	1	45-0503
9-02	SHROUD-CYLINDER BODY	1	45-0504
9-03	SHIELD-FLYWHEEL	1	45-0549
9-04	PROTECTOR-OIL	1	45-0313
9-05	BOLT	4	45-0315
9-06	BOLT	3	45-0533
9-07	CLIP-SHROUD	1	45-0507
9-08	BOLT	1	45-0316

FIG.10 CARBURETOR ASSEMBLY



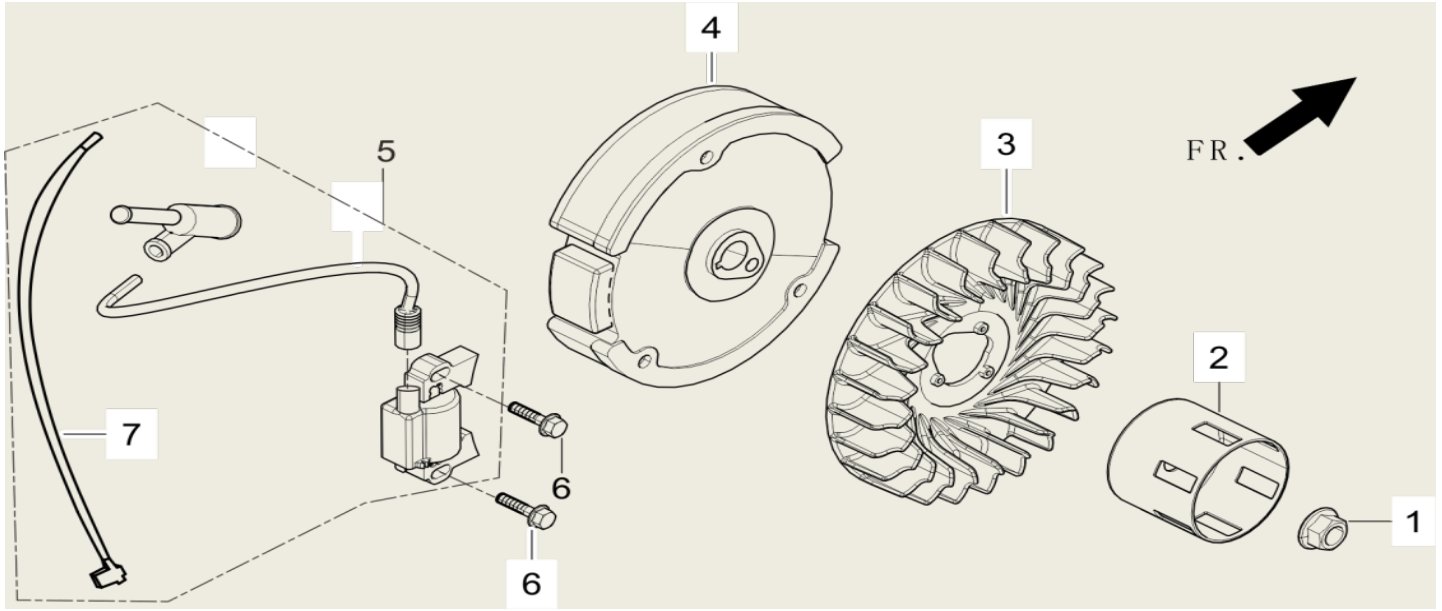
REF.NO.	DESCRIPTION	QTY	MiTM
10-01	CARBURETOR ASSY	1	45-0550
10-02	GASKET-AIR CLEANER	1	45-0551
10-03	GASKET-CARBURETOR	1	45-0201
10-04	PLATE-CARBURETOR INSULATOR	1	45-0510
10-05	GASKET-INLET	1	45-0511
10-28	HOSE-FUEL	1	45-0552
10-29	HOSE CLAMP	2	45-0517

FIG.11 AIR CLEANER



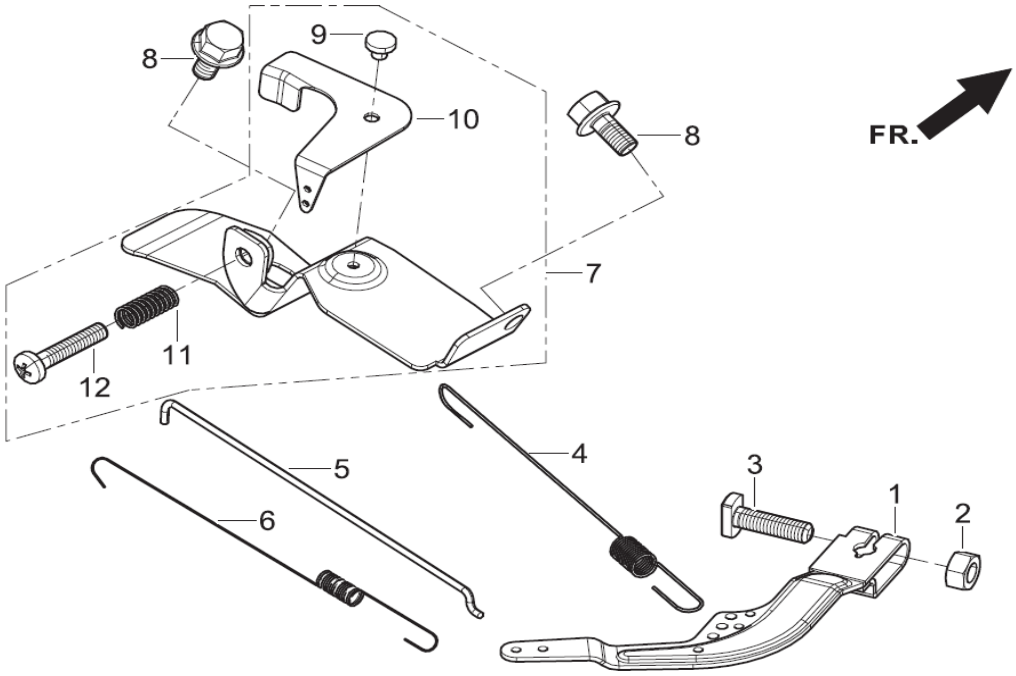
REF.NO.	DESCRIPTION	QTY	MiTM
11-01	AIR CLEANER	1	45-0553
11-02	NUT-AIR CLEANER	2	45-0324
11-03	AIR CLEANER ELEMENT	1	45-0673

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



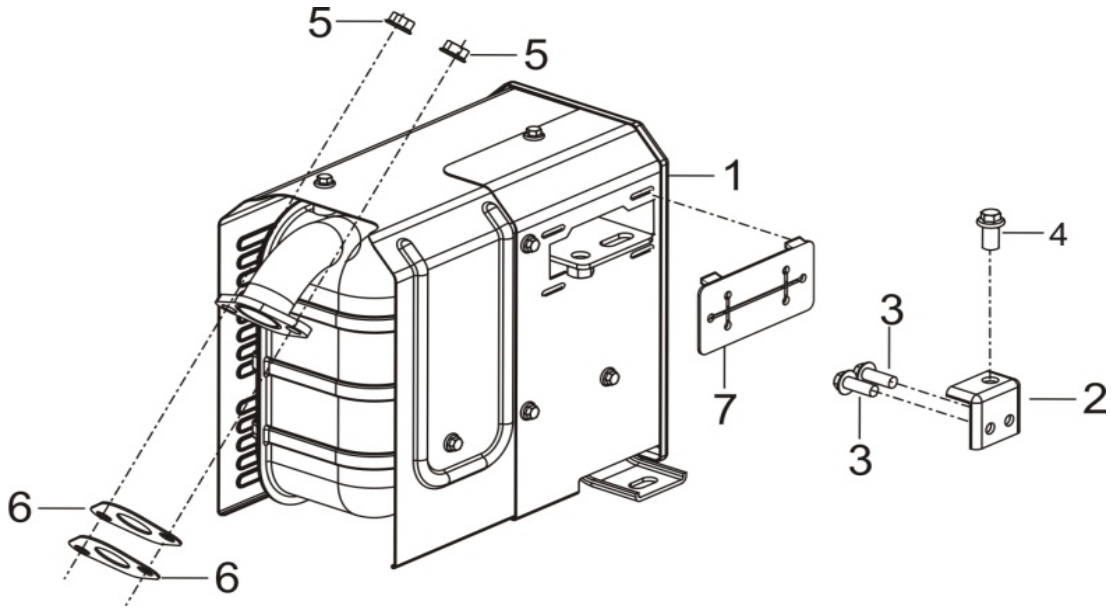
REF.NO.	DESCRIPTION	QTY	MiTM
12-01	NUT-FLYWHEEL	1	45-0520
12-02	PULLEY-STARTER	1	45-0521
12-03	IMPELLER	1	45-0522
12-04	FLYWHEEL SUBASSY	1	45-0554
12-05	COIL-IGNITION	1	45-0555
12-06	BOLT-COIL CLAMP	2	45-0535

FIG.13 THROTTLE CONTROL ASSEMBLY



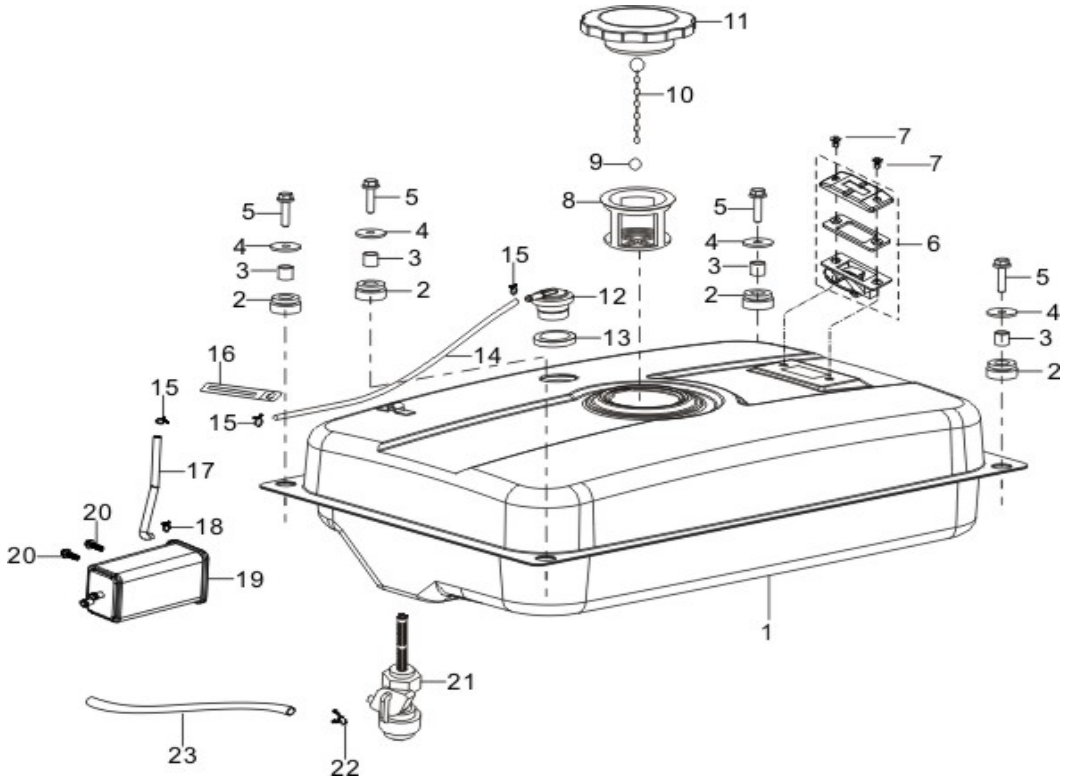
REF.NO.	DESCRIPTION	QTY	MiTM
13-01	GOVERNOR SUPPORT SUBASSY	1	45-0529
13-02	NUT	1	45-0324
13-03	BOLT-GOVERNOR SUPPORT	1	45-0282
13-04	SPRING-GOVERNOR	1	45-0557
13-05	ROD-GOVERNEOR	1	45-0527
13-06	SPRING-THROTTLE VALVE RETURN	1	45-0528
13-07	THROTTLE CONTROL ASSY	1	45-0556
13-08	BOLT	2	45-0533

FIG.14 MUFFLER ASSEMBLY



REF.NO.	DESCRIPTION	QTY	MiTM
14-01	MUFFLER ASSY-GEN 3600	1	80-0142
14-02	BRACKET-MUFFLER	1	80-0144
14-03	BOLT-MUFFLER BRACKET	2	27-8898
14-04	BOLT-MUFFLER	1	27-9524
14-05	NUT-MUFFLER	2	30-3023
14-06	GASKET-EXHAUST OUTLET	2	45-0513
14-07	ISO PAD-MUFFLER	1	80-0143

FIG.15 FUEL TANK ASSEMBLY

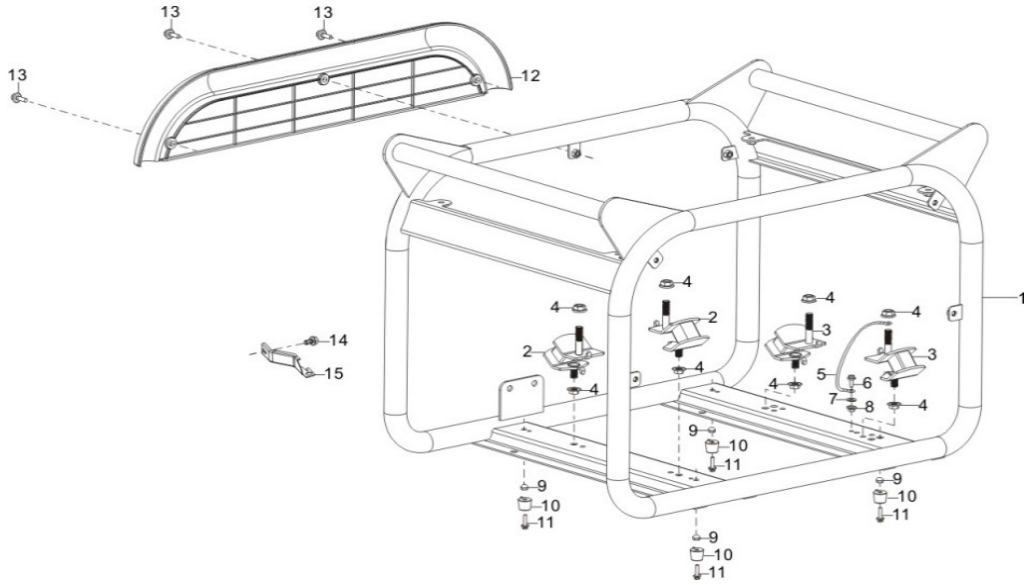


REF.NO.	DESCRIPTION	QTY	MiTM
15-01	FUEL TANK-GENERATOR 3600 BLK	1	80-0001
15-02	GROMMET-FUEL TANK	4	80-0004
15-03	BUSHING-FUEL TANK	4	80-0005
15-04	WASHER-FUEL TANK	4	80-0006
15-05	BOLT-FUEL TANK	4	27-8898
15-06	OIL LEVEL ASSY-FUEL	1	80-0008
15-07	SCREW-OIL LEVEL	2	80-0009
15-08	STRAINER-FUEL	1	80-0010

FIG.15 FUEL TANK ASSEMBLY / CONTINUED

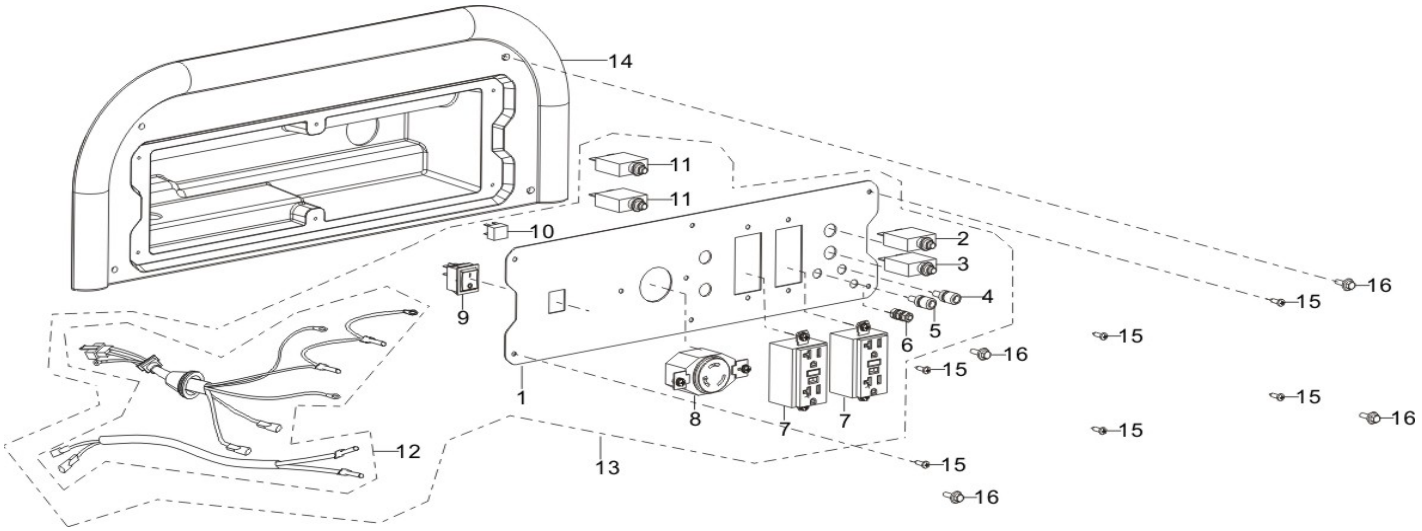
REF.NO.	DESCRIPTION	QTY	MiTM
15-09	CLIP- FUEL CAP RING	1	80-0011
15-10	CHAIN-FUEL CAP TETHER	1	80-0012
15-11	CAP-FUEL TANK	1	80-0013
15-12/13	VALVE-ONE WAY	1	80-0014
15-14	HOSE-CANISTER VENT	1	80-0015
15-15	SS WORM CLAMP 1/4"-5/8"	3	42-0004
15-16	CLIP	1	45-0335
15-17	HOSE-AIR CLEANER	1	80-0016
15-18	SS WORM CLAMP 1/4"-5/8"	1	42-0004
15-19	CARBON CANISTER-GEN 3600	1	80-0017
15-20	BOLT-CARBON CANISTER	2	27-8001
15-21	FUEL VALVE ASSY	1	80-0019
15-22	HOSE CLAMP	1	45-0517
15-23	HOSE-FUEL SUPPLY	1	80-0020

FIG.16 ENGINE FRAME ASSEMBLY



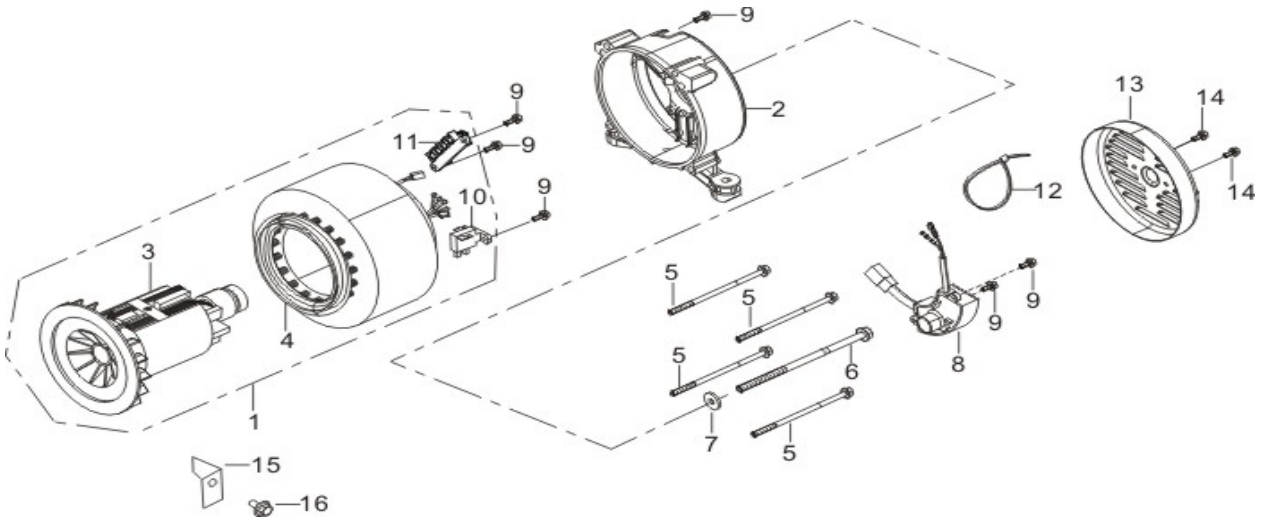
REF.NO.	DESCRIPTION	QTY	MiTM
16-01	FRAME ASSY-GENERATOR 3600 BLK	1	80-0021
16-02	VIB ISO-ENGINE	2	80-0024
16-03	VIB ISO-ALTERNATOR	2	80-0025
16-04	NUT	8	45-0436
16-05	WIRE-GROUND	1	80-0026
16-06	BOLT	1	45-0319
16-07	WASHER-GROUND	1	80-0034
16-08	NUT-GROUND	1	30-5018
16-09	NUT-SHOCK ABSORBER	4	80-0035
16-10	ISOLATOR-SHOCK ABSORBER	4	80-0032
16-11	BOLT-SHOCK ABSORBER	4	80-0031
16-12	SHROUD-FRONT BLK	1	80-0028
16-13	BOLT-SHROUD FRONT	3	27-8898
16-14	BOLT-MUFFLER BRACKET	1	27-8898
16-15	SUPPORT-AIR CLEANER	1	80-0033

FIG.17 CONTROL PANEL SUBASSEMBLY



REF.NO.	DESCRIPTION	QTY	MiTM
17-01	CONTROL PANEL- GEN 3600 BLK	1	80-0036
17-02	BREAKER-25A MAIN	1	80-0039
17-03	BREAKER-10A DC	1	80-0040
17-04	TERMINAL-NEGATIVE ELECTRODE	1	80-0176
17-05	TERMINAL-POSITIVE ELECTRODE	1	80-0177
17-06	GROUNDING TERMINAL SUBASSY	1	80-0038
17-07	RECEPTACLE-GFCI DUPLEX 20A	2	32-0830
17-08	RECEPTACLE-L14-30 TWIST	1	32-0831
17-09	CONTROL PANEL SWITCH	1	80-0043
17-10	BRIDGE-RECTIFIER	1	80-0044
17-11	CIRCUIT BREAKER	2	32-0438
17-13	CONTROL PANEL SUB. 3600 BLK	1	80-0045
17-14	SEAT-PANEL-3600	1	80-0048
17-15	SCREW-CONTROL PANEL	6	80-0047
17-16	BOLT-SHROUD	4	27-8898

FIG. 18 ROTOR/STATOR



REF.NO.	DESCRIPTION	QTY	MiTM
18-01	ALTERNATOR ASSY	1	80-0059
18-02	BRACKET-ALTERNATOR	1	80-0052
18-05	BOLT-STATOR	4	80-0054
18-06	BOLT-ROTOR	1	80-0055
18-07	WASHER-ROTOR	1	80-0053
18-08	REGULATOR-VOLTAGE	1	80-0056
18-09	BOLT-PANEL SEAT	6	27-9596
18-10	CARBON BRUSH	1	80-0007
18-12	CABLE TIE 4" NYLON	2	33-0472
18-13	END CAP-ALTERNATOR	1	80-0057
18-14	BOLT-ALTERNATOR	2	80-0058
18-15	STOPPER BRACKET-ALTERNATOR	1	80-0050
18-16	BOLT-STOPPER BRACKET	1	80-0060