

OWNER'S MANUAL

8000i Petrol Generator



OWNER'S MANUAL

Assembly & Operating Instructions

BBT 8000i Petrol Generator

MODEL NO. BBT-GEN-8000i



To the Owner

Thank you for purchasing our Generator. It was carefully engineered to provide excellent performance when properly operated and maintained.

Please read this entire manual prior to operating the Generator. It instructs you how to safely and easily set up, operate and maintain your Generator. Please be sure that you and any other persons who will operate the Generator carefully follow the recommended safety practices at all times. Failure to do so could result in personal injury or property damage.

All information in this manual is relative to the most recent product information available at the time of printing. Review this manual frequently to familiarise yourself with the machine, its features and operation. Please be aware that this Owner's Manual may cover a range of product specifications for various models. Characteristics and features discussed and/or illustrated in this manual may not be applicable to all models. We reserve the right to change product specifications, designs and equipment without notice and without incurring obligation.

All the power testing information used to establish the power rating of the engine equipped on this Generator can be found in the engine manufacturer's manual or website. If you have any problems or questions concerning the machine, please contact our Customer Support Department.

Throughout this manual, all references to right and left side of the Generator are observed from the operating position. The engine manufacturer is responsible for all engine-related issues with regards to performance, power-rating, specifications, warranty and service. Please refer to the engine manufacturer's Owner's Manual packed separately with your Generator for more information.

Customer Support

Please do NOT return the Generator without first contacting the Customer Support Department at bbt@bbta.com.au.

If you have difficulty assembling this product or have any questions regarding the controls, operation, or maintenance of this Generator, please contact our Customer Support Department.

SAVE THESE INSTRUCTIONS

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IMPORTANT SAFETY INFORMATION



WARNING: Read and thoroughly understand all instructions in this manual and on the safety decals before assembling or operating this Generator. Failure to do so may cause serious injury or death. Do not allow anyone to operate this Generator who has not read this manual. As with all power equipment, a Generator can be dangerous if assembled or used improperly. Do not operate this Generator if you have any questions concerning its safe operation. To get answers to any questions, call our Customer Support Department.



This SAFETY ALERT SYMBOL identifies important safety messages in this manual. Failure to follow this important safety information may result in serious injury or death.



DANGER! This Generator was built to be operated according to the safe operation practices in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. Failure to observe the following safety instructions could result in serious injury or death.

The following signals, words and meanings are intended to explain the levels of risk associated with this product.



DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in serious injury or death.



WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in serious injury or death.



CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is important information about the proper use of your Generator. Failure to follow this instruction could result in damage to your Generator or property.

Additional Information and Potential Changes

We reserve the right to discontinue, change, and improve our products at any time without notice or obligation to the purchaser. The descriptions and sections contained in this manual were in effect at the time of printing. Equipment described within this manual may be optional. Some illustrations may not be applicable to your machine.

WARNING! Your Responsibility—Restrict the use of this power machine to persons who have read, understood and will follow the warnings and instructions in this manual and on the machine.








SAVE THESE INSTRUCTIONS!



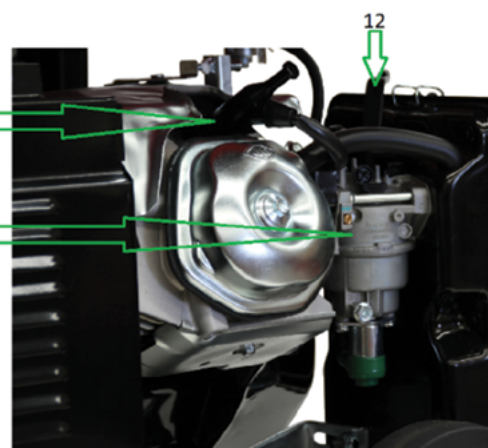
IMPORTANT SAFETY INFORMATION

PLEASE READ AND UNDERSTAND THIS MANUAL COMPLETELY
BEFORE OPERATING THE MACHINE.

Safety Information

	<p>NEVER use your BBT 8000i Generator in the home.</p>
	<p>NEVER use in wet conditions.</p>
	<p>NEVER connect generator to a household circuit.</p>
	<p>Keep all flammable products at a safe distance.</p>
	<p>Extinguish all cigarettes, cigar, pipes and any other sources of ignition when refuelling your generator.</p>
	<p>When refuelling if fuel is spilled, wipe it off the generator and move machine to another area and wait 5 minutes before starting the engine.</p>
	<p>Always make sure engine is turned off when refuelling.</p>

PARTS LOCATION



- | | | | |
|----------------|------------------------|------------|-----------------|
| 1. Fuel Tank | 4. Key Ignition Switch | 7. DC | 10. Spark Plug |
| 2. Fuel On/Off | 5. Circuit Breaker | 8. Oil Cap | 11. Carburettor |
| 3. Air Filter | 6. 24 Volt Plug | 9. Battery | 12. Choke |

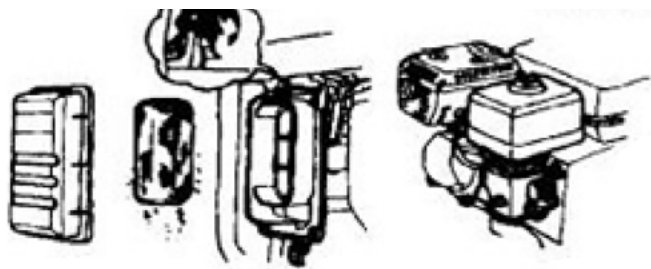
PREPARATION BEFORE OPERATING

Check Oil

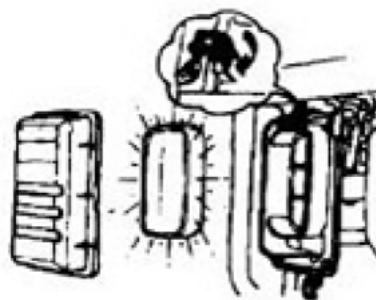
1. Make sure your generator is on flat, dry solid ground before operating.
2. Take oil cap off and remove dip stick.
3. Check oil level.
4. Fill to adequate level as required.
5. Replace oil cap.

Check Air-filter

1. Remove clips and remove the outer covering off the air-filter.
2. Remove sponge filter.
3. Clean air filter by patting several times, this should remove most of the dust.
4. Replace air filter back on generator.



2. Remove sponge filter.



PREPARATION BEFORE OPERATING

Starting Engine

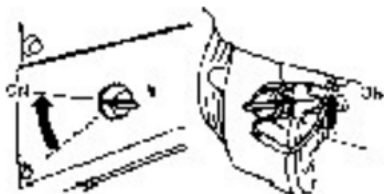
1. Remove any load from circuit out and close circuit breaker.



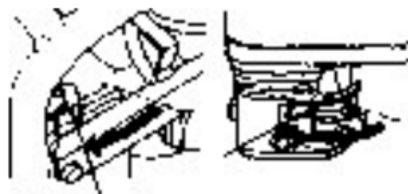
2. Switch fuel valve to "ON".



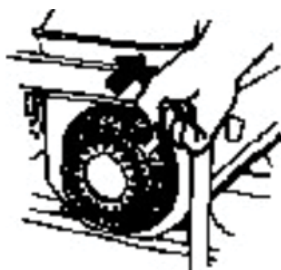
3. Put choke to "ON" position.



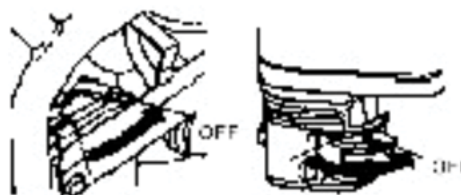
4. Switch the engine switch to "ON".



5. Pull operating handle softly until you feel a resistance then pull with greater force.



6. When engine gets hot, turn the choke "OFF".

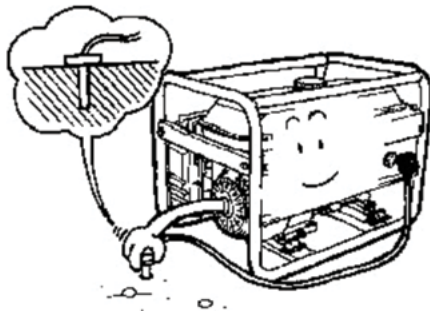


OPERATION

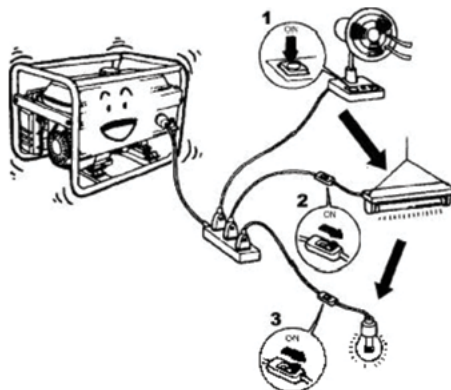
To keep your generator in good mechanical condition and electric condition, please follow the below instructions.

WARNING

1. Ensure that connection from your generator to the grounding rod grounds the generator for safe operation.



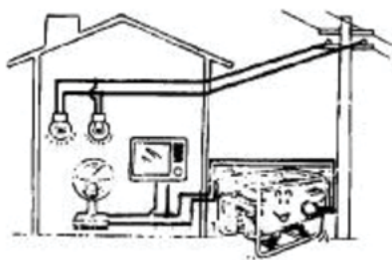
2. Electrical equipment, especially the engine produces a strong current when being started. It is recommended that you use a surge protector at all times on your generator.
3. When more than two loads are connected to generator, ensure connection is from high current to low.



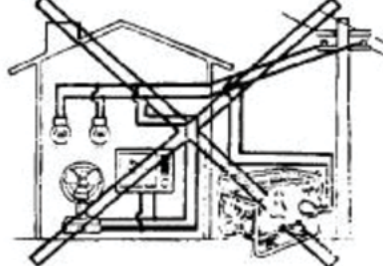
CAUTION

- When connecting generator to your power supply, this must be carried out by a qualified electrician.
- Make sure your connections are wired correctly and you are not using power that is beyond your generators capacity, this could cause damage to generator or in some cases fire.

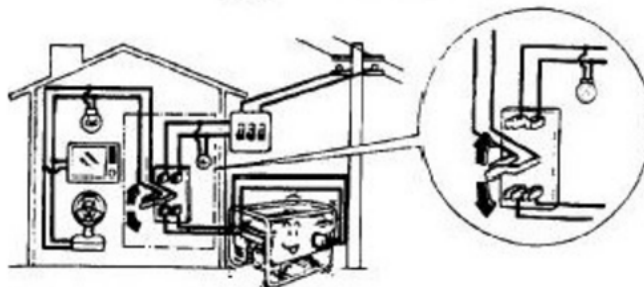
O Good connection



X Incorrect connection



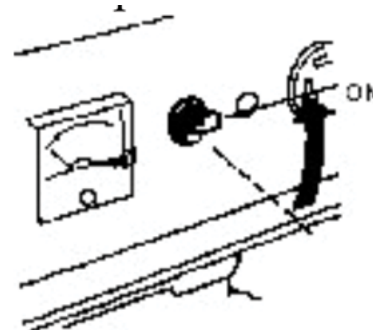
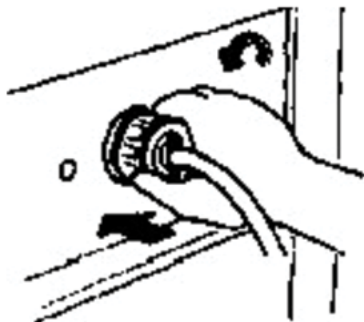
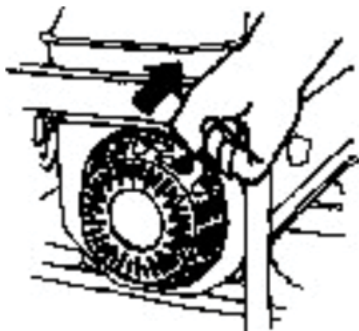
O Good connection



OPERATION

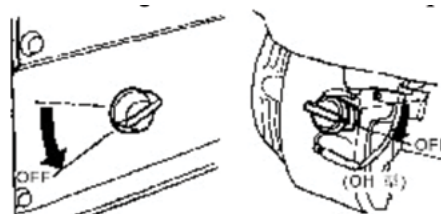
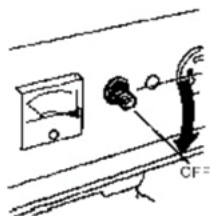
Use of circuit

1. Start the engine.
2. Plug in connection.
3. Connect the circuit cut-out. Push down the circuit protector.

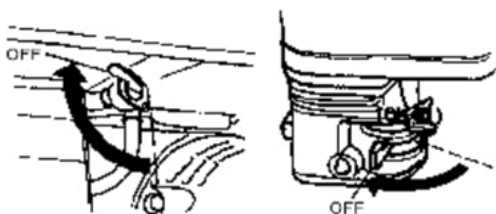


Stopping The Engine

1. Close the circuit cut-out.
2. Turn engine switch to "OFF" position.



3. Turn Off the fuel valve



CAUTION

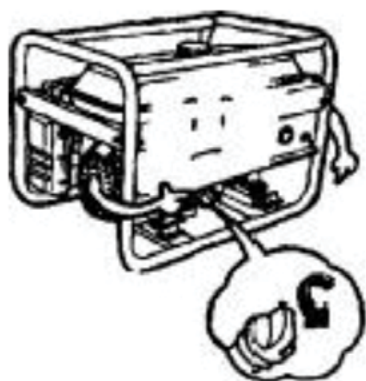
If engine must be stopped urgently, pull the switch to "OFF"

MAINTENANCE

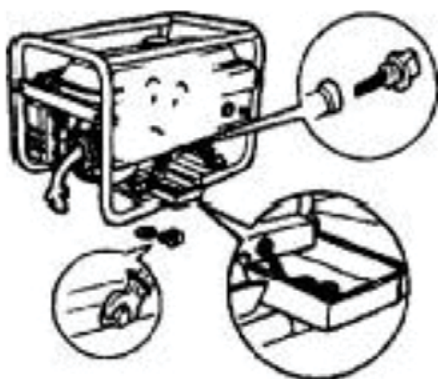
		Before each use	Every Month or 20 Hrs	Every 3 Months or 50 Hrs	Every 6 Months or 300 Hrs	Every Year or 300 Hrs
Lubricant Checking	Check oil level	✓				
	Replace		✓		✓	
Air-filter Checking	Check	✓				
	Clean / Replace if necessary			✓		
Fuel Cock Filter	Clean fuel cock filter. Replace if necessary				✓	
Fuel Cock Filter	Clean fuel cock filter. Replace if necessary				✓	
Spark Plug	Check condition adjust gap and clean / Replace if necessary				✓	
Valve Gap	Check and adjust when engine is cold.					✓
Cylinder Cover	Cleaning of Cylinder Cover					✓
Oil Tank	Cleaning of Fuel Tank	✓ Every Three Years				

Oil changing

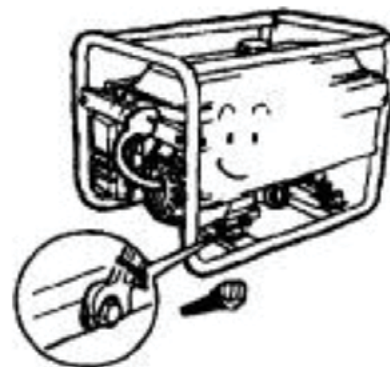
1. Remove dip stick.



2. Remove drain plug.



3. Replace drain plug.



4. Pour oil till the upper limitation of engine oil dip stick.



5. Replace the oil engine dip stick.



MAINTENANCE

Spark plug

1. Remove the spark plug cover.



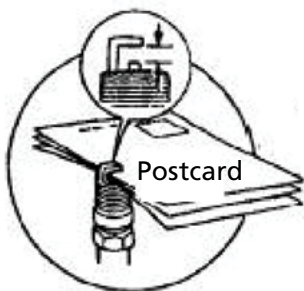
2. Remove spark plug.



3. Clean up the carbon.



4. Set the gap of spark plug.



0.7 - 0.8mm

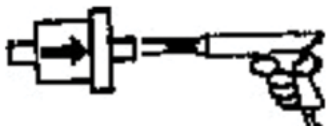
5. Install spark plug and cover.



Maintenance of fuel-filter

1. Turn the fuel valve to "OFF" and remove the sediment cup of oil-filter. Remove the fuel-filter.

Use an air gun to blow away any dust particles from the fuel filter.



2. Remove the cup of fuel-filter and clean up the cup of fuel-filter.



3. Install new rubber spacer and cup of fuel-filter.

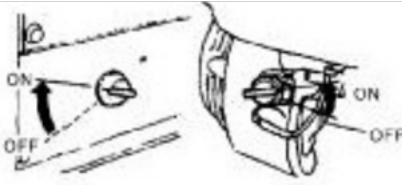


TROUBLESHOOTING

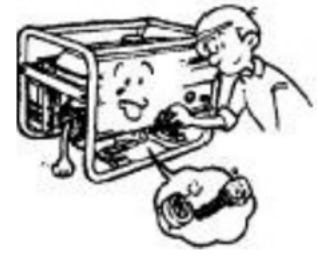
1. Engine does not start.



2. Is engine switch "ON"?



3. Check oil level.



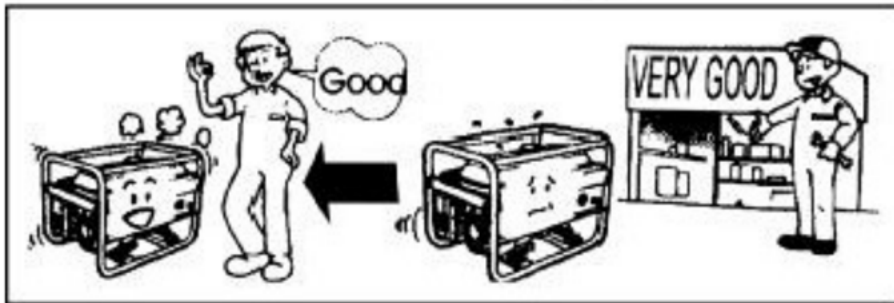
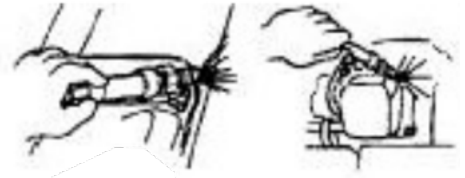
4. Check fuel.



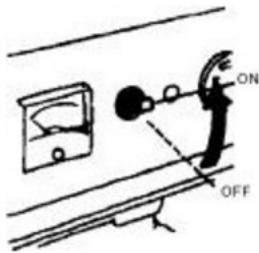
5. Remove spark plug.



6. Check spark plug connection.



7. Is the circuit cut-out at "ON"?



SPECIFICATIONS

Model	BBT-GEN-8000i
Total Continuous Rated Output	6000W
Peak Max Output	8kVA
AC Voltage	240V 50Hz
Output Type	2 x 240V 15Amp
DC Output	12V - 8.3A
Alternator Type	Permanent Brushless Magnet
Engine	JD420
Type	Single-Cylinder, 4-Stroke, Air-Cooled, OHV horizontal shaft
Displacement	420CC
Starting system	Recoil Pull and Electric Start
Fuel Type	Regular Unleaded 95+
Fuel Tank Capacity	25L
Rated Continuous Operation	10-14 hours (Load Dependent)
Preferred Oil Type	SAE 10W30
Oil Capacity	1.1L
Noise Level	74db

Technical Data subject to change without notice.

WARRANTY & SERVICE

Warranties

Bigger Boyz Toyz offer a 1-year parts warranty on all products used for domestic use from the date of purchase. For all commercial use, a 3-month parts warranty period applies, unless specified in the item listing. All conditions below are based upon the product being faulty or not performing as described. In the instance where a return is required, the purchaser is liable for any shipping cost. Warranties will only be determined by a Bigger Boyz Toyz Technician upon inspection.

Warranties do not cover accidents, misuse, neglect, natural disaster or act of God or other external causes, or damage caused by operating the equipment in a manner that is not described in the instructions.

Our products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Parts purchases, consumable components and accessories such as chains, carry bags, batteries, hoses, grinding discs, covers, belts, cable, wheels and blades are not covered by standard warranty.

Spare Parts

Spare parts are available. Please see our website (www.bbta.com.au) or contact us at bbt@bbta.com.au for more details.

EXPLODED DIAGRAM & PARTS LIST

Fig 00. Cylinder Head System Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001	HEAD COVER BOLT	1
2	SP-GEN-8000i-002	BOLT WASHER	1
3	SP-GEN-8000i-003	BOLT PACKING	1
4	SP-GEN-8000i-004	HEAD COVER ASSY	1
5	SP-GEN-8000i-005	HEAD COVER PACKING	1
6	SP-GEN-8000i-006	FLANGE BOLT (M10×80)	4
7	SP-GEN-8000i-007	SPARK PLUG	1
8	SP-GEN-8000i-008	EX. PIPE STUD BOLT	2
9	SP-GEN-8000i-009	CYLINDER HEAD ASSY	1
10	SP-GEN-8000i-010	IN. PIPE STUD BOLT	2
11	SP-GEN-8000i-011	CYLINDER HEAD GASKET	1
12	SP-GEN-8000i-012	HEAD LOCATE PIN (Φ10×Φ12×20)	2
13	SP-GEN-8000i-013	BREATHER TUBE	1

Fig 00.

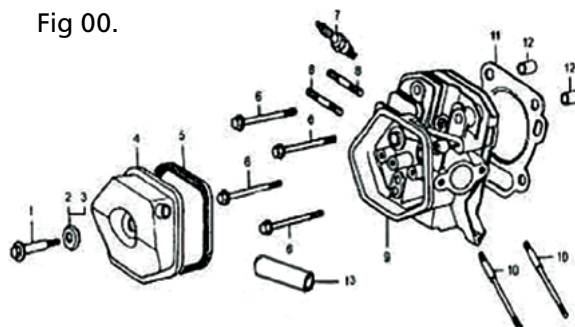


Fig 01. Engine

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.1	BOLT, FLANGE, 6×14	3
2	SP-GEN-8000i-002.1	SWITCH ASSY., OIL LEVEL	1
3	SP-GEN-8000i-003.1	O-RING, 14mm	1
4	SP-GEN-8000i-004.1	NUT, FLANGE, 10 mm	1
5	SP-GEN-8000i-005.1	CRANK CASE	1
6	SP-GEN-8000i-006.1	BALL BEARING (6207)	1
7	SP-GEN-8000i-007.1	ROCKER WASHER (Φ8.3×Φ17×1)	1
8	SP-GEN-8000i-008.1	ROCKER CLIP (10 mm)	1
9	SP-GEN-8000i-009.1	ROCKER	1
10	SP-GEN-8000i-010.1	OIL SEAL (Φ8×Φ14×5)	1
11	SP-GEN-8000i-011.1	DRAIN PLUG WASHER (12 mm)	2
12	SP-GEN-8000i-012.1	DRAIN PLUG	2
13	SP-GEN-8000i-013.1	OIL SEAL (Φ30×Φ46×8)	1
14	SP-GEN-8000i-014.1	OIL PROTECTOR	1
15	SP-GEN-8000i-015.1	BALL BEARING (6202)	1

Fig 01.

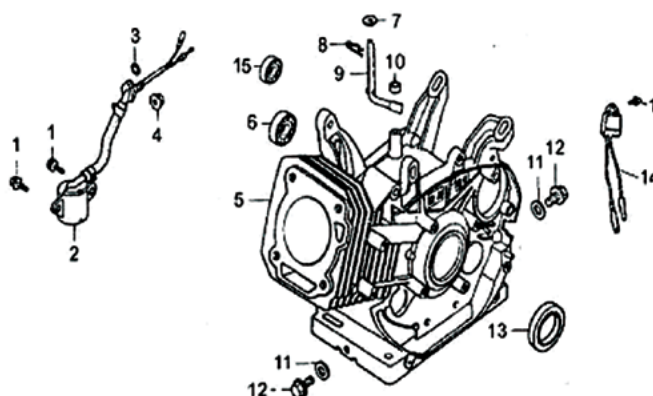
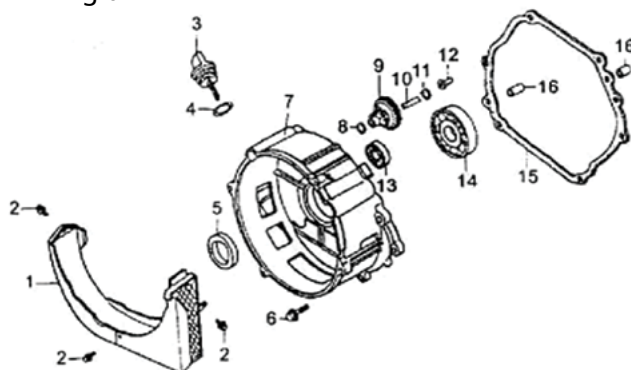


Fig 02. Cylinder barrel

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.2	COVER, DUCT	1
2	SP-GEN-8000i-002.2	BOLT, FLANGE	3
3	SP-GEN-8000i-003.2	CAP, OIL FILLER	1
4	SP-GEN-8000i-004.2	SEAL RING, OIL FILTER	1
5	SP-GEN-8000i-005.2	OIL SEAL	1
6	SP-GEN-8000i-006.2	BOLT, FLANGE	7
7	SP-GEN-8000i-007.2	CRANKCASE COVER	1
8	SP-GEN-8000i-008.2	WASHER, PLAIN	1
9	SP-GEN-8000i-009.2	GOVERNOR GEAR	1
10	SP-GEN-8000i-010.2	SLIDER SHAFT	1
11	SP-GEN-8000i-011.2	SLIDER WASHER (6 mm)	1
12	SP-GEN-8000i-012.2	SLIDER	1
13	SP-GEN-8000i-013.2	BALL BEARING(6202)	1
14	SP-GEN-8000i-014.2	BALL BEARING(6207)	1
15	SP-GEN-8000i-015.2	CASE COVER PACKING	1
16	SP-GEN-8000i-016.2	CASE LOCATE PIN (8×12)	2

Fig 02.



EXPLODED DIAGRAM & PARTS LIST

Fig 03. Crankshaft System Assembly

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.3	CRANKSHAFT	1
2	SP-GEN-8000i-002.3	CRANKSHAFT ASSY.	1
3	SP-GEN-8000i-003.3	BALANCER WEIGHT	2

Fig 03.

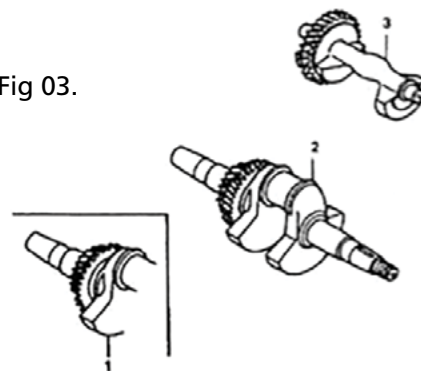


Fig 04. Piston and Connecting Rod System Assembly

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.4	COMPRESSION RING A	1
2	SP-GEN-8000i-002.4	COMPRESSION RING B	1
3	SP-GEN-8000i-003.4	OIL RING A	2
4	SP-GEN-8000i-004.4	OIL RING B	1
5	SP-GEN-8000i-005.4	PISTON PIN CLIP (20 mm)	2
6	SP-GEN-8000i-006.4	PISTON	1
7	SP-GEN-8000i-007.4	PISTON PIN	1
8	SP-GEN-8000i-008.4	CONNECTING ROD	1
9	SP-GEN-8000i-009.4	CONNECTING COVER	1
10	SP-GEN-8000i-010.4	CONNECTING ROD BOLT	2
11	SP-GEN-8000i-011.4	PISTON RING SET	1

Fig 04.

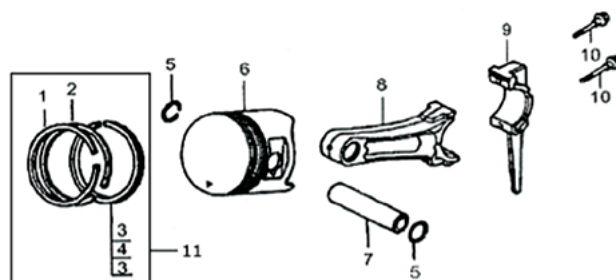


Fig 05. Camshaft System Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.5	LOCKNUT	2
2	SP-GEN-8000i-002.5	ADJUSTING NUT	2
3	SP-GEN-8000i-003.5	ROCKER ARM	2
4	SP-GEN-8000i-004.5	ROCKER BOLT (M8)	2
5	SP-GEN-8000i-005.5	PUSH ROD GUIDE PLATE	1
6	SP-GEN-8000i-006.5	PUSH ROD	2
7	SP-GEN-8000i-007.5	VALVE LIFTER	2
8	SP-GEN-8000i-008.5	CAMSHAFT	1
9	SP-GEN-8000i-009.5	EX. VALVE HELMET	1
10	SP-GEN-8000i-010.5	EX. VALVE SPRING RETAINER	1
11	SP-GEN-8000i-011.5	VALVE SPRING	2
12	SP-GEN-8000i-012.5	VALVE SPRING SEAT	2
13	SP-GEN-8000i-013.5	IN. VALVE SPRING RETAINER	1
14	SP-GEN-8000i-014.5	EX. VALVE	1
15	SP-GEN-8000i-015.5	IN. VALVE	1
16	SP-GEN-8000i-016.5	ROCKER ARM ASSY.	1

Fig 05.

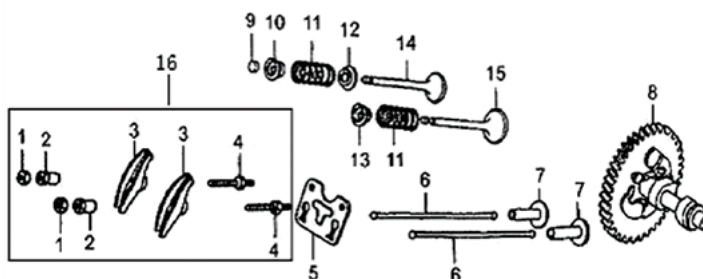
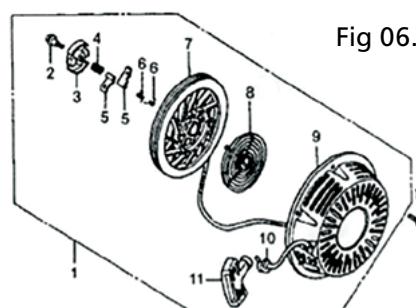


Fig 06. Recoil Starter System Assembly

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.6	RECOIL STARTER ASSY.	1
2	SP-GEN-8000i-002.6	PLATE SCREW	1
3	SP-GEN-8000i-003.6	DETENT PLATE	1
4	SP-GEN-8000i-004.6	PLATE SPRING	1
5	SP-GEN-8000i-005.6	STARTER DETENT	2
6	SP-GEN-8000i-006.6	DETENT SPRING	2
7	SP-GEN-8000i-007.6	RECOIL STARTER REEL	1
8	SP-GEN-8000i-008.6	RECOIL STARTER RETURN SPRING	1
9	SP-GEN-8000i-009.6	RECOIL STARTER COVER.	1
10	SP-GEN-8000i-010.6	RECOIL STARTER ROPE	1
11	SP-GEN-8000i-011.6	RECOIL STARTER KNOB	1
12	SP-GEN-8000i-012.6	FLANGE BOLT (M6x8)	3

Fig 06.



EXPLODED DIAGRAM & PARTS LIST

Fig 07. Fan Cover System Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.7	SHROUD	1
2	SP-GEN-8000i-002.7	FLANGE BOLT (M6x14)	6
3	SP-GEN-8000i-003.7	FAN COVER ASSY.	1
4	SP-GEN-8000i-004.7	CORD CLAMPER (FOR ELECTRICAL START)	1

Fig 07.

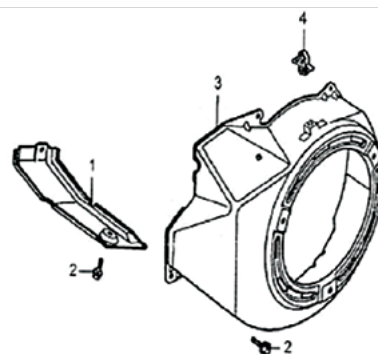


Fig 08. Carburettor System Assembly

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.8	TUBE CLIP	1
2	SP-GEN-8000i-002.8	TUBE A	1
3	SP-GEN-8000i-003.8	TUBE B	1
4	SP-GEN-8000i-004.8	WIPE HARNESS CLIP	1
5	SP-GEN-8000i-005.8	DASHPOT CHECK VALVE	1
6	SP-GEN-8000i-006.8	MANUAL CHOKE STAY ASSY.	1
7	SP-GEN-8000i-007.8	CARBURETTOR IRON GASKET	1
8	SP-GEN-8000i-008.8	CARBURETTOR ASSY.	1
9	SP-GEN-8000i-009.8	CARBURETTOR PAPER GASKET	1
10	SP-GEN-8000i-010.8	CARBURETTOR INSULATING PLATE	1
11	SP-GEN-8000i-011.8	INTAKE PIPE GASKET	1

Fig 08.

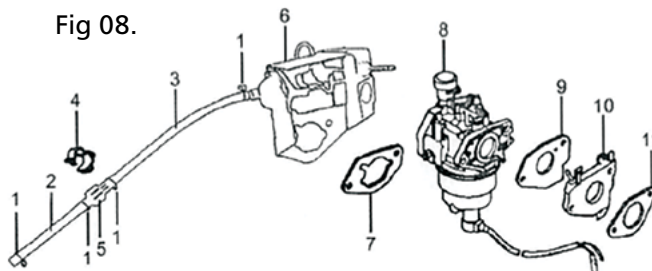


Fig 09. Flywheel System Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.9	FLYWHEEL	1
2	SP-GEN-8000i-002.9	FLYWHEEL(FOR ELECTRICAL START)	1
3	SP-GEN-8000i-003.9	SEMICIRCLE KEY	1
4	SP-GEN-8000i-004.9	COOLING FAN	1
5	SP-GEN-8000i-005.9	STARTER PULLEY	1
6	SP-GEN-8000i-006.9	FLYWHEEL NUT (M16)	1

Fig 09.

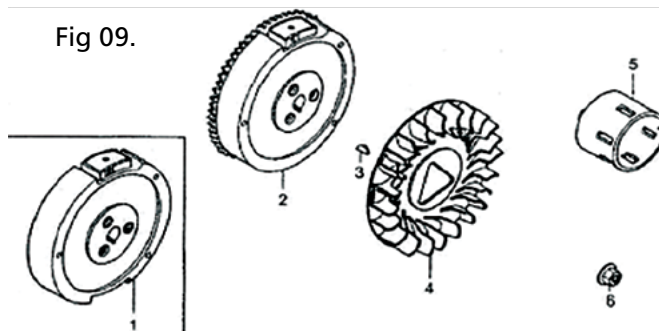


Fig 10. Ignition System Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.10	PLENUM CAP	1
2	SP-GEN-8000i-002.10	IGNITION COIL ASSY.	1
3	SP-GEN-8000i-003.10	STOP SWITCH CORD	1
4	SP-GEN-8000i-004.10	STOP SWITCH CORD HOLDER	1
5	SP-GEN-8000i-005.10	FLANGE BOLT (M6x25)	2
6	SP-GEN-8000i-006.10	CORD GROMMET	1
7	SP-GEN-8000i-007.10	CHARGE COIL ASSY.	1
8	SP-GEN-8000i-008.10	FLANGE BOLT (M6x40)	2
9	SP-GEN-8000i-009.10	CORD CLAMPER	1
10	SP-GEN-8000i-010.10	FLANGE BOLT (M6x20)	1

Fig 10.

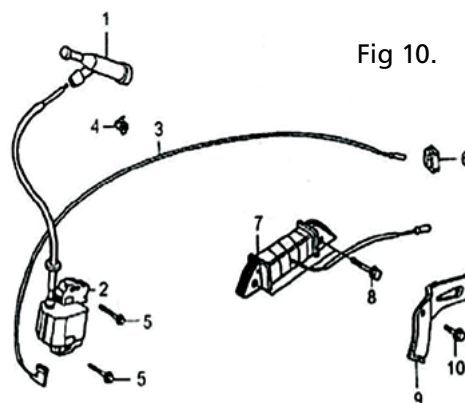
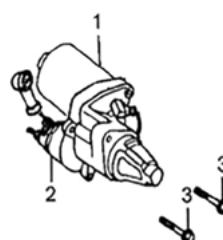


Fig 11. Starter Motor System Assembly

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.11	STARTER MOTOR	1
2	SP-GEN-8000i-002.11	CONTACTOR ASSY.	1
3	SP-GEN-8000i-003.11	FLANGE BOLT (M8x35)	2

Fig 11.



EXPLODED DIAGRAM & PARTS LIST

Fig 12. Control System Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.12	CONTROL ASSY.	1
2	SP-GEN-8000i-002.12	CONTROL BASE	1
3	SP-GEN-8000i-003.12	CONTROL ADJUSTING SPRING	1
4	SP-GEN-8000i-004.12	PAN SCREW (M5×34)	1
5	SP-GEN-8000i-005.12	FLANGE BOLT (M6×12)	1
6	SP-GEN-8000i-006.12	GOVERNOR SPRING	1
7	SP-GEN-8000i-007.12	THROTTLE RETURN SPRING	1
8	SP-GEN-8000i-008.12	GOVERNOR ROD	1
9	SP-GEN-8000i-009.12	FLANGE NUT(M6)	1
10	SP-GEN-8000i-010.12	GOVERNOR ARM BOLT (M6)	1
11	SP-GEN-8000i-011.12	CONTROL ARM	1

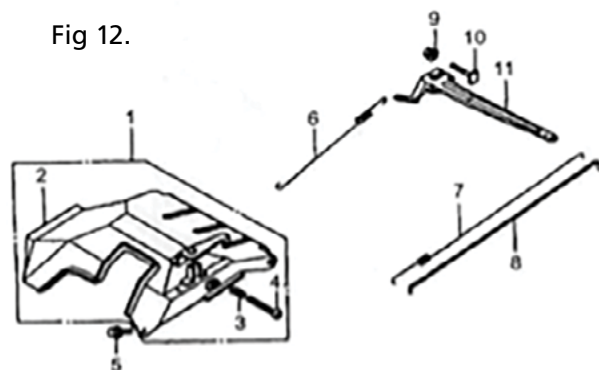


Fig 13. Muffler System Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.13	FLANGE BOLT(M8×16)	4
2	SP-GEN-8000i-002.13	FLANGE BOLT(M6×12)	7
3	SP-GEN-8000i-003.13	MUFFLER SUPPORT	1
4	SP-GEN-8000i-004.13	MUFFLER PROTECTOR SEAL	1
5	SP-GEN-8000i-005.13	MUFFLER SIDE PROTECTOR	1
6	SP-GEN-8000i-006.13	MUFFLER INNER PROTECTOR	1
7	SP-GEN-8000i-007.13	MUFFLER	1
8	SP-GEN-8000i-008.13	MUFFLER OUTER PROTECTOR	1
9	SP-GEN-8000i-009.13	EX. PIPE GASKET	2
10	SP-GEN-8000i-010.13	EX. PIPE	1
11	SP-GEN-8000i-011.13	FLANGE BOLT(M8×25)	2
12	SP-GEN-8000i-012.13	FLANGE NUT(M8)	2
13	SP-GEN-8000i-013.13	MUFFLER ASSY.	1

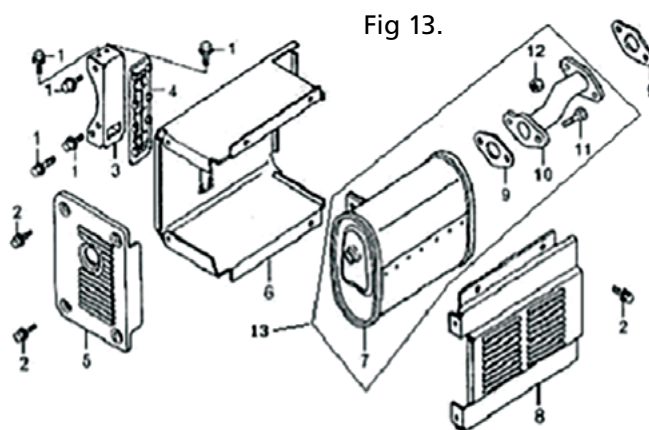
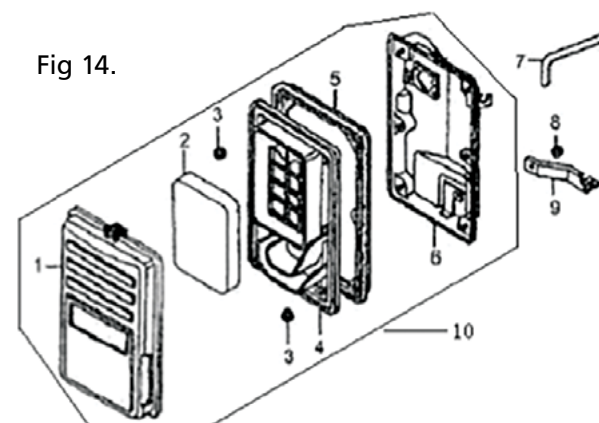


Fig 14. Air Cleaner Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.14	AIR CLEANER COVER(F)	1
2	SP-GEN-8000i-002.14	AIR CLEANER ELEMENT	1
3	SP-GEN-8000i-003.14	FLANGE NUT(M5)	4
4	SP-GEN-8000i-004.14	AIR CLEANER BASE	1
5	SP-GEN-8000i-005.14	AIR CLEANER SEAL	1
6	SP-GEN-8000i-006.14	AIR CLEANER COVER(R)	1
7	SP-GEN-8000i-007.14	BREATHER TUBE	1
8	SP-GEN-8000i-008.14	FLANGE NUT (M6)	1
9	SP-GEN-8000i-009.14	AIR CLEANER SUPPORT	1
10	SP-GEN-8000i-010.14	AIR CLEANER ASSY.	1
11	SP-GEN-8000i-011.13	FLANGE BOLT(M8×25)	2
12	SP-GEN-8000i-012.13	FLANGE NUT(M8)	2
13	SP-GEN-8000i-013.13	MUFFLER ASSY.	1



EXPLODED DIAGRAM & PARTS LIST

Fig 15. Fuel Tank System Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.15	FUEL FILLER CAP COMP	1
2	SP-GEN-8000i-002.15	FUEL FILTER	1
3	SP-GEN-8000i-003.15	FUEL TANK ASSY.	1
4	SP-GEN-8000i-004.15	FUEL METER ASSY.	1
5	SP-GEN-8000i-005.15	FLAT SCREW(M5X8)	2
6	SP-GEN-8000i-006.15	FLANGE BOLT(M6X25)	4
7	SP-GEN-8000i-007.15	AIR DUCT WASHER	4
8	SP-GEN-8000i-008.15	TANK CUSHION COLLAR	4
9	SP-GEN-8000i-009.15	CONTROL BOX RUBBER	4
10	SP-GEN-8000i-010.15	FUEL TANK JOINT	1
11	SP-GEN-8000i-011.15	TUBE CLIP	2
12	SP-GEN-8000i-012.15	FUEL TUBE	1
13	SP-GEN-8000i-013.13	MUFFLER ASSY.	1

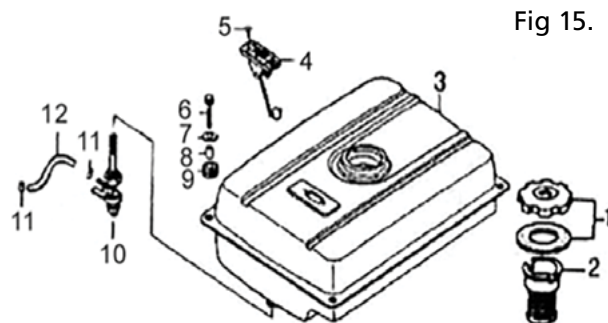


Fig 15.

Fig 16. Control Panel

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.16	CONTROL PANEL COMP.	1
2	SP-GEN-8000i-002.16	ENGINE SWITCH ASSY.	1
3	SP-GEN-8000i-003.16	VOLTMETER ASSY.	1
4	SP-GEN-8000i-004.16	CIRCUIT BREAKER	1
5	SP-GEN-8000i-005.16	SOCKET	2
6	SP-GEN-8000i-006.16	EARTH TERMINAL SET	1
7	SP-GEN-8000i-007.16	CONTROL PANEL CASE	1

Fig 16.

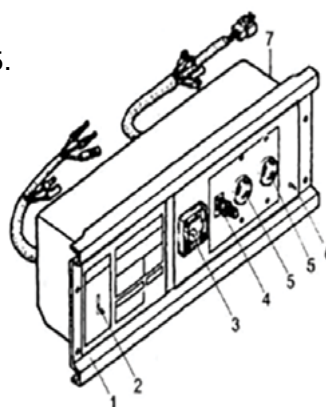


Fig 17. Frame Assy.

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.17	FUEL TANK MOUNTING RUBBER	2
2	SP-GEN-8000i-002.17	FRAME ASSY.	1
3	SP-GEN-8000i-003.17	FLANGE BOLT (M6x12)	4
4	SP-GEN-8000i-004.17	FLANGE NUT (M8)	4
5	SP-GEN-8000i-005.17	BOTTOM RUBBER (A)	2
6	SP-GEN-8000i-006.17	BOTTOM RUBBER (B)	2
7	SP-GEN-8000i-007.17	FLANGE NUT (M10)	4

Fig 17.

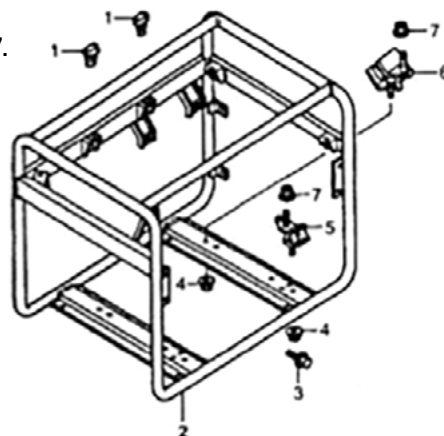
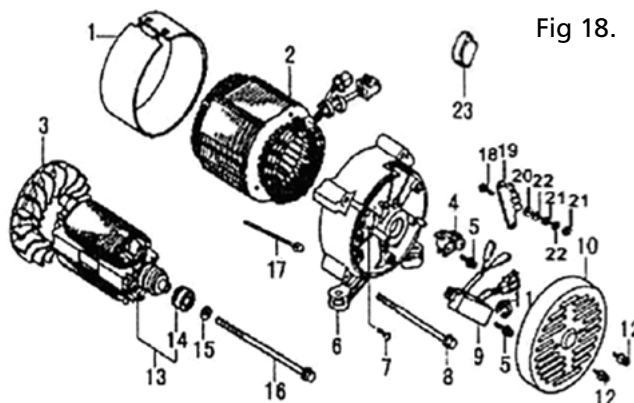


Fig 18. Rotor Stator

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.18	STATOR COVER	1
2	SP-GEN-8000i-002.18	STATOR ASSY.	1
3	SP-GEN-8000i-003.18	COOLING FAN	1
4	SP-GEN-8000i-004.18	BRUSH ASSY.	1
5	SP-GEN-8000i-005.18	PAN SCREW(M5x14)	3
6	SP-GEN-8000i-006.18	RR HOUSING	1
7	SP-GEN-8000i-007.18	PAN SCREW(M5X12)	1
8	SP-GEN-8000i-008.18	FLANGE BOLT(M6x179)	1
9	SP-GEN-8000i-009.18	AUTOMATIC VOLTAGE REGULATOR ASSY.	0
10	SP-GEN-8000i-010.18	GENERATOR COVER	1
11	SP-GEN-8000i-011.18	CABLE TIE	1
12	SP-GEN-8000i-012.18	FLANGE BOLT(M5x12)	1
13	SP-GEN-8000i-013.18	ROTOR COMP.	2

Fig 18.



Cont.

EXPLODED DIAGRAM & PARTS LIST

NO	SKU	DESCRIPTION	QTY
14	SP-GEN-8000i-014.18	BEARING ASSY.	1
15	SP-GEN-8000i-015.18	PLAIN WASHER	1
16	SP-GEN-8000i-016.18	FLANGE BOLT(M10X265)	1
17	SP-GEN-8000i-017.18	FLANGE BOLT(M5X214)	1
18	SP-GEN-8000i-018.18	HEX. BOLT(M5X20)	2
19	SP-GEN-8000i-019.18	VOLT CHANGE TERMINAL BR-AC-W	9
20	SP-GEN-8000i-020.18	PLAIN WASHER(5mm)	1
21	SP-GEN-8000i-021.18	HEX. NUT(M5)	2
22	SP-GEN-8000i-022.18	SPRING WASHER(5mm)	4
23	SP-GEN-8000i-023.18	CRANK CASE GROMMET	1

Fig 19. Battery Tray System Assy

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.19	BATTERY ASSY.	1
2	SP-GEN-8000i-002.19	BATTERY GUARD PLATE	1
3	SP-GEN-8000i-003.19	BATTERY PLATE	1
4	SP-GEN-8000i-004.19	BATTERY TRAY BASE	2
5	SP-GEN-8000i-005.19	BATTERY SETTING BOLT	2
6	SP-GEN-8000i-006.19	BATTERY SETTING PLATE	1
7	SP-GEN-8000i-007.19	BATTERY GUARD	1
8	SP-GEN-8000i-008.19	FRAME JOINT WASHER	8
9	SP-GEN-8000i-009.19	EARTH CABLE ASSY.	1
10	SP-GEN-8000i-010.19	STARTING CABLE ASSY.	1
11	SP-GEN-8000i-011.19	BATTERY TERMINAL NUT	12
12	SP-GEN-8000i-012.19	FLANGE BOLT (M6x12)	4
13	SP-GEN-8000i-013.19	FLANGE BOLT (M6x30)	8
14	SP-GEN-8000i-014.19	FLANGE BOLT (M6x16)	2

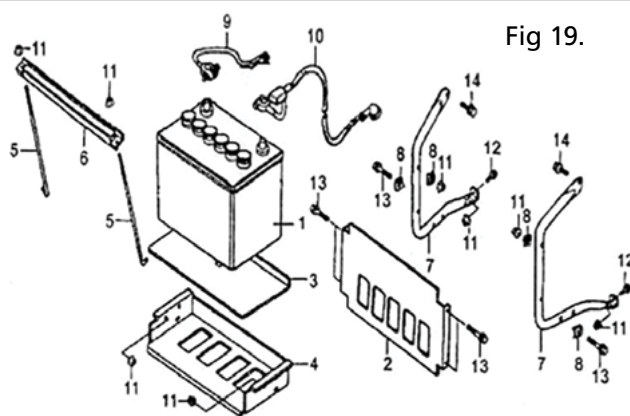
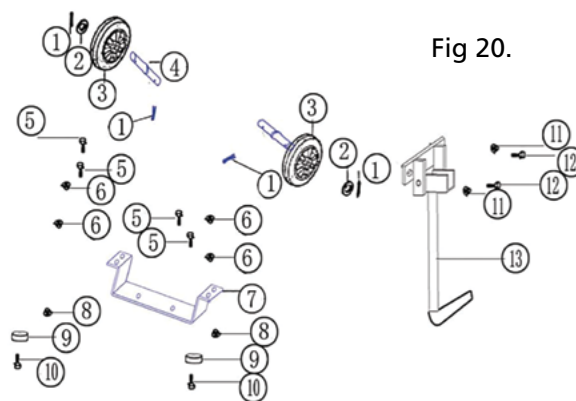


Fig 20. Wheel

NO	SKU	DESCRIPTION	QTY
1	SP-GEN-8000i-001.20	PIN SPLIT	2
2	SP-GEN-8000i-002.20	WASHER, PLAIN	2
3	SP-GEN-8000i-003.20	WHEEL	2
4	SP-GEN-8000i-004.20	SHAFT COMP.	1
5	SP-GEN-8000i-005.20	BRACKET	1
6	SP-GEN-8000i-006.20	KICKSTAND	3
7	SP-GEN-8000i-007.20	FEET	2
8	SP-GEN-8000i-008.20	NUT, FLANGE	2
9	SP-GEN-8000i-009.20	VIBRATION ABSORBER	2
10	SP-GEN-8000i-010.20	BOLT, HEX	2
11	SP-GEN-8000i-011.20	NUT, FLANGE	2
12	SP-GEN-8000i-012.20	BOLT, FLANGE	2
13	SP-GEN-8000i-013.20	HANDLE	1



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