

Bradley Power Plus

GENERATORS

JD2000, JD2500, JD3000, JD3800, JD4000, JD5000,
JD6500



Operating Manual

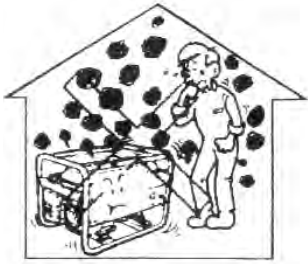
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Operating Manual Contents

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Safety



Do not use in enclosed area. Carbon monoxide poisoning can kill.

Do not use in wet conditions. Electric shock can kill.



Do not connect to household circuit.

Keep away from flammable items.



Do not smoke when refuelling.

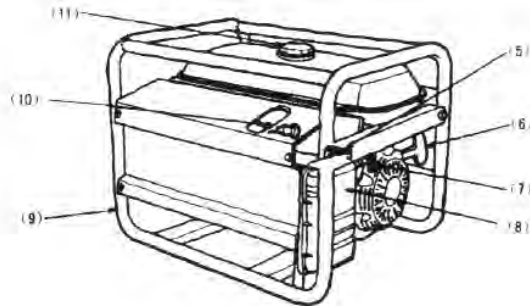
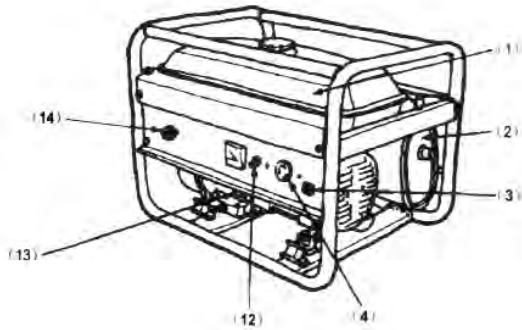
Be careful of spills when refueling



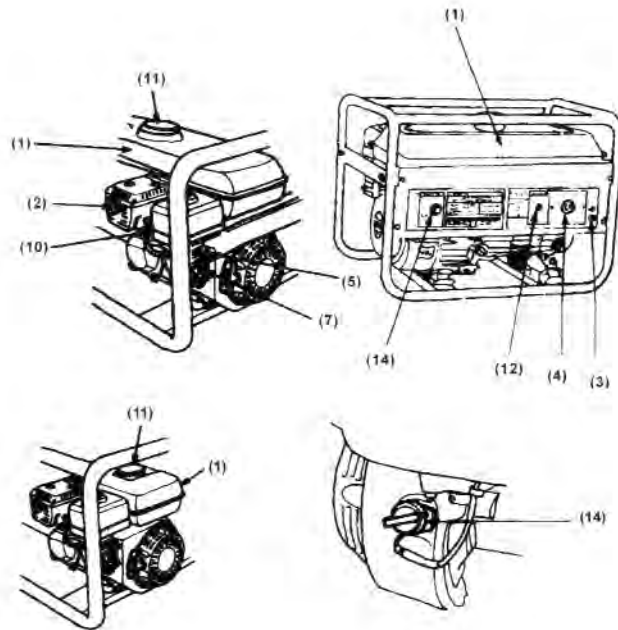
Turn engine off when refueling

Illustrated Parts List

CX Type



CL Type



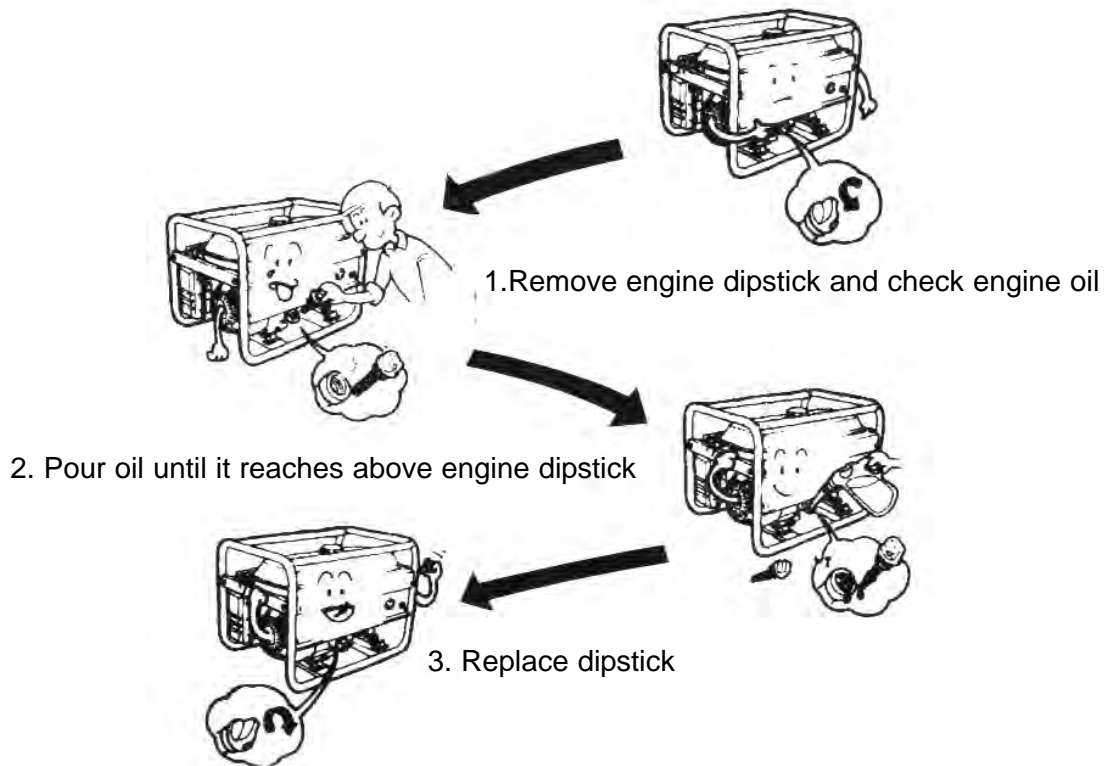
- (1) Fuel Tank
- (2) Exhaust silencer
- (3) Ground Terminal
- (4) Circuit Outlet
- (5) Choke
- (6) Recoil Starter
- (7) Fuel Valve

- (8) Air Filter
- (9) Tube Frame
- (10) Spark Plug
- (11) Fuel Cover
- (12) Circuit Breaker
- (13) Oil Plug
- (14) Engine Switch

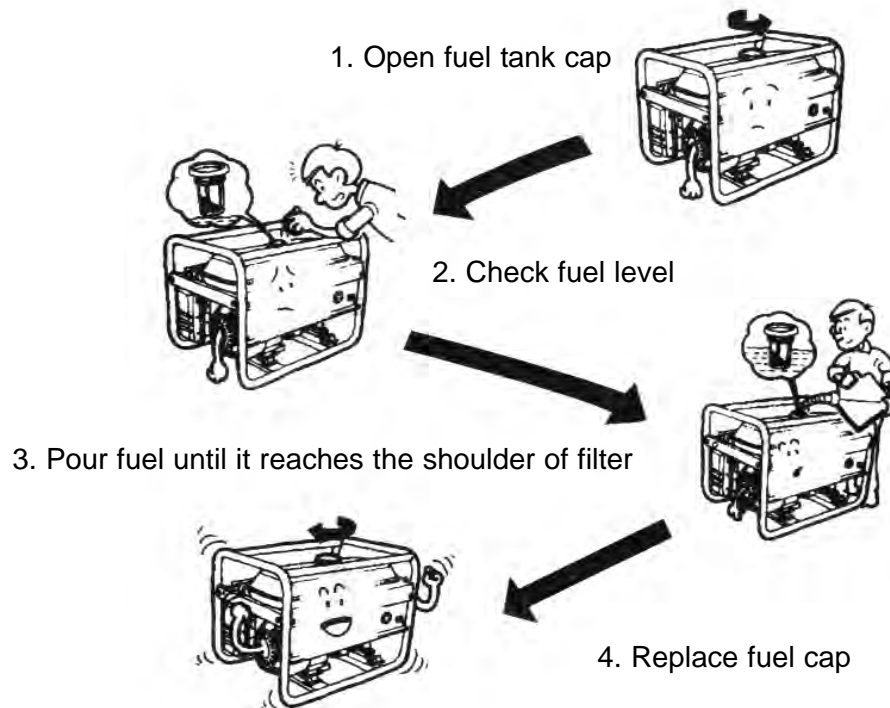
Before Using Equipment

Check Oil Level

Attention: Stop engine on level ground before checking generator



Check Fuel Level

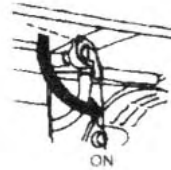


Start Engine

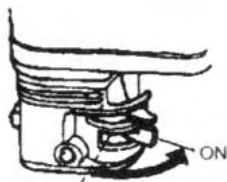
1. Disconnect any load from the AC receptacle and turn the AC circuit breaker OFF.



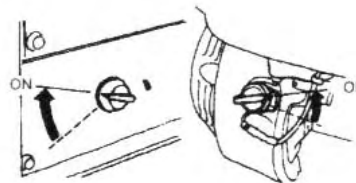
2. Turn the fuel valve to the "ON" position.



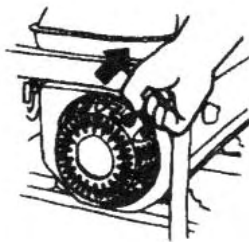
3. Switch the choke rod to "ON"



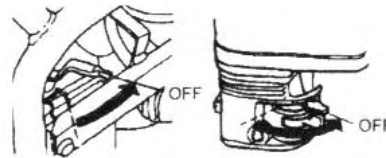
4. Switch the engine switch to "ON".



5. Pull the starter grip lightly until resistance is felt, then pull briskly.



6. Push the choke rod to the "OFF" position as the engine warms up.

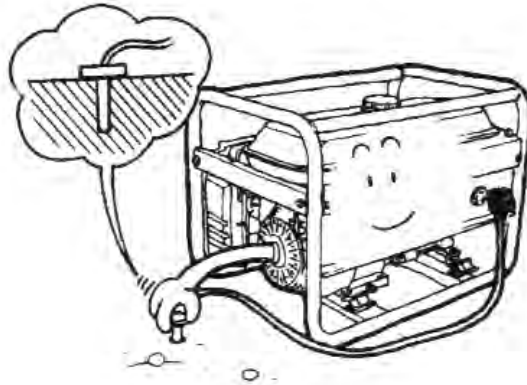


Generator Use

To keep the generator in in good mechanical and electrical condition, observe the following:









WARNING!

To prevent electric shock, the generator should be grounded.

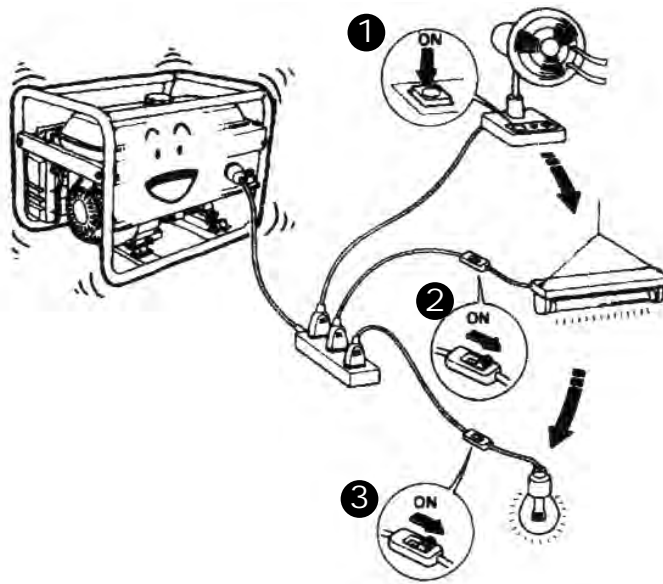


Combined load of the connected equipment must not exceed the rated capacity of the generator.

Electric apparatus, particularly motor-driven equipment, will draw a higher current when starting. The following table is provided for your reference when connecting such equipment to your generator.

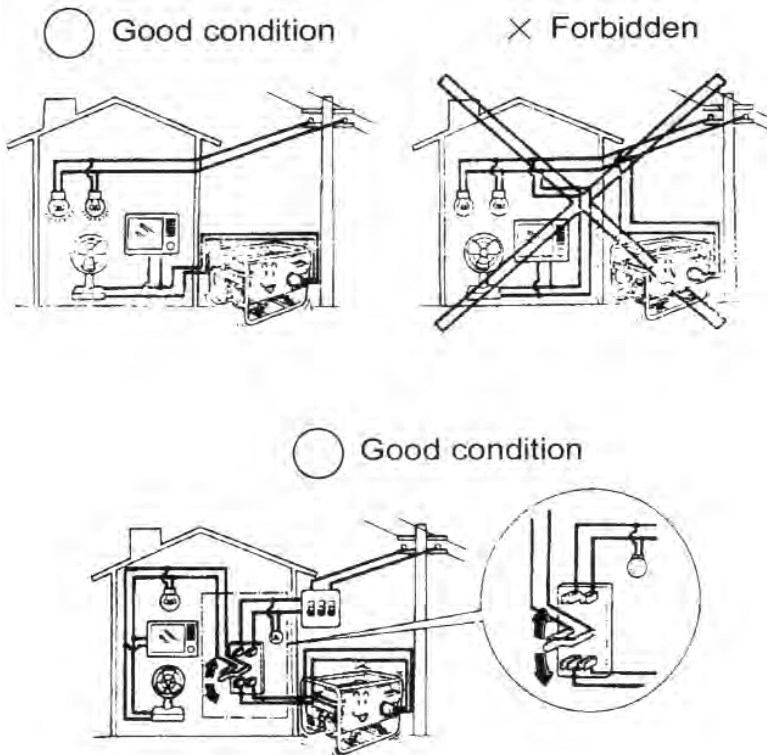
| Type | Watt | | Model installation | Example | | |
|---|----------|-------|--|--|---------------|-----------|
| | starting | rated | | Installation | starting | rated |
| Incandescent lamp Heating installation | X1 | X1 |  Incandescent lamp  TV |  Incandescent lamp 100W | 100VA (W) | 100VA (W) |
| Fluorescent lamp | X2 | X1.5 |  fluorescent lamp |  40W fluorescent lamp | 80VA (W) | 60VA (W) |
| Motor Driven Equipment | X3-5 | X2 |  fridge  fan |  fridge 150W | 450-750VA (W) | 300VA (W) |

When two or more pieces of equipment are connected to your generator, connect with the highest current drawing equipment first.



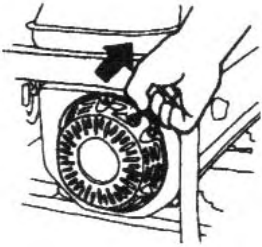
WARNING!

NOTE: When connecting the generator to the household power supply, have it connected by a professional electrician. Check that equipment is connected properly to the generator. Failure to connect properly can result in damage to generator or fire.

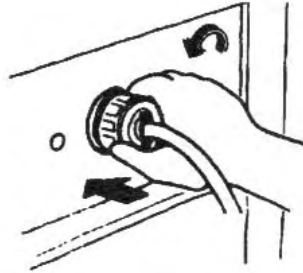


Using the AC Outlet

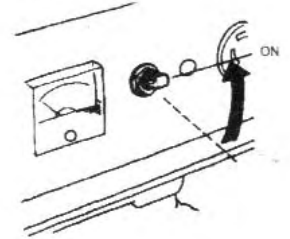
1. Start the engine



2. Plug in the appliance

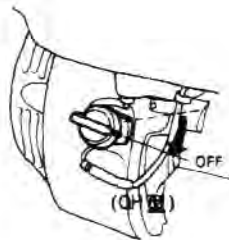
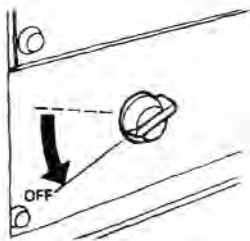
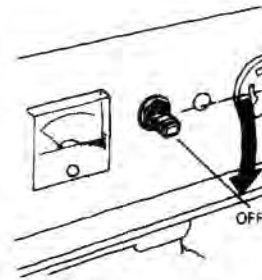


3. Connect the circuit breaker. Push down the circuit protector.



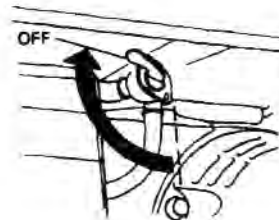
Stopping the Engine

1. Turn AC circuit breaker to the "OFF" position



2. Turn the engine switch to the "OFF" position























3. Turn off the fuel valve.



NOTE: To stop the engine in an emergency, turn the engine switch to "OFF"

Maintenance

 check
  change
  clean
  check re-install

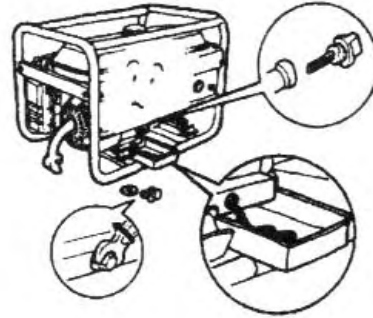
| | |  |  or the first month of the first use |  or every 3 months |  or every 6 months |  or every year | reference page | |
|----------------------------|---|--|---|---|---|---|----------------|---|
| Check Engine Oil |  |  | | | | | P.5 | |
| Change Engine Oil |  | |  | |  | | P.11 | |
| Air-filter checking |  |  | | | | | P.12 | |
| Air-filter cleaning |  | | |  | | | P.12 | |
| Spark plug |  | | | |  | | P.13 | |
| Valve gap |  | | | | |  | - | |
| Cleaning of cylinder cover |  | | | | |  | - | |
| Cleaning of Fuel Tank |  | Every three years  | | | | | | - |

Changing the Oil

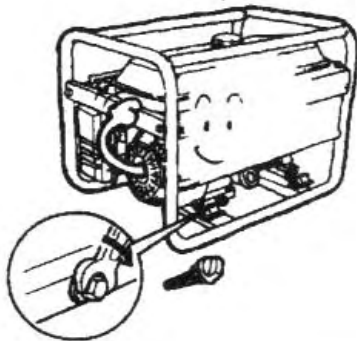
1. Remove the oil filter cap



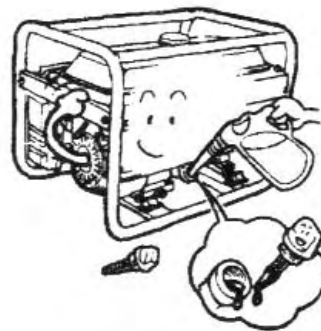
2. Remove the drain plug and drain the oil



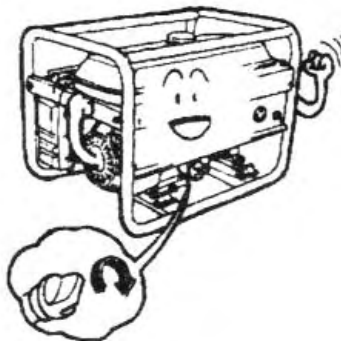
3. Install the drain plug and tighten it securely



4. Refill with motor oil and check the oil level



5. Install the oil filter cap



Check Air Filter

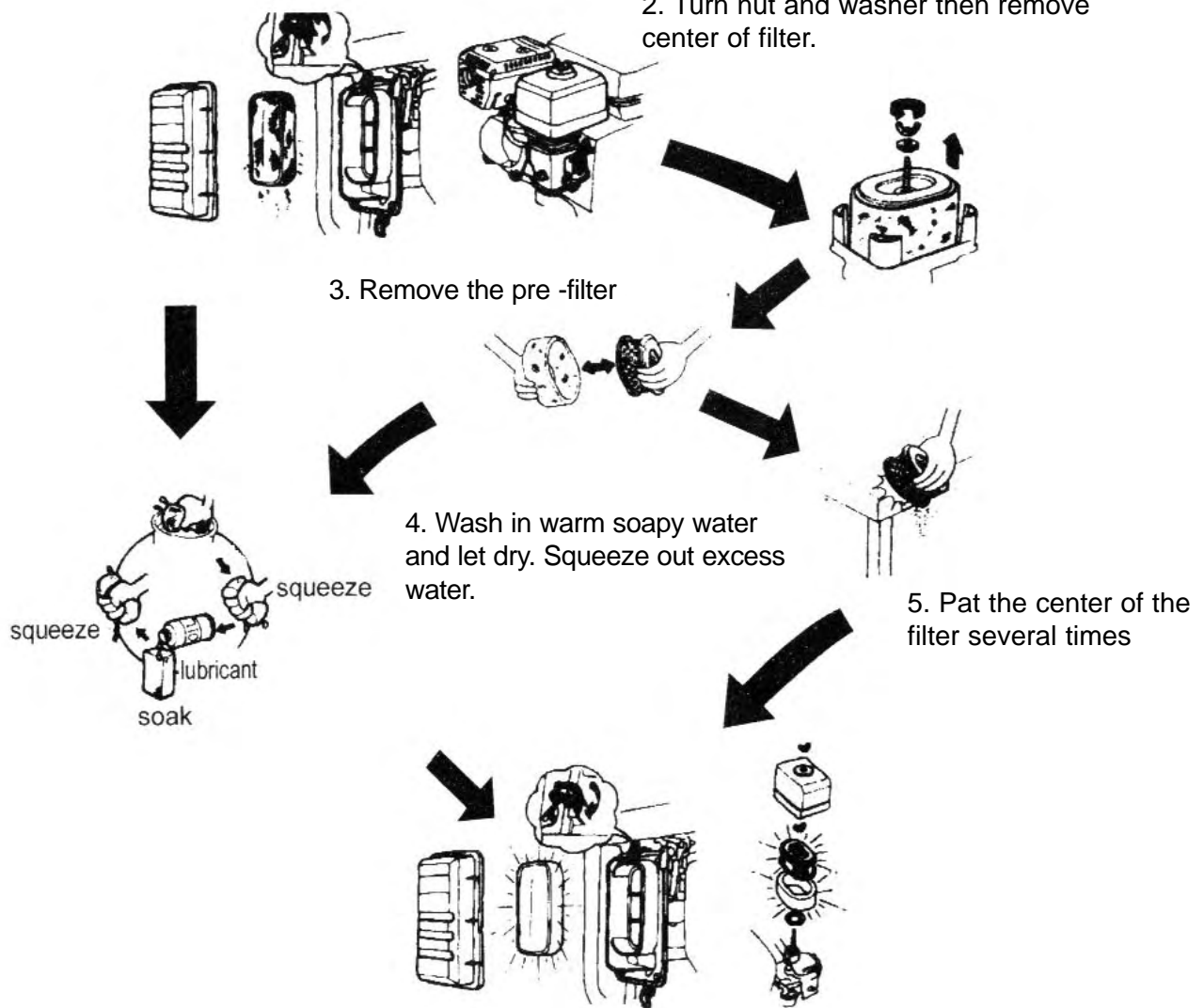
1. Remove outer covering of air filter and turn nut and cover of air filter

2. Turn nut and washer then remove center of filter.

3. Remove the pre -filter

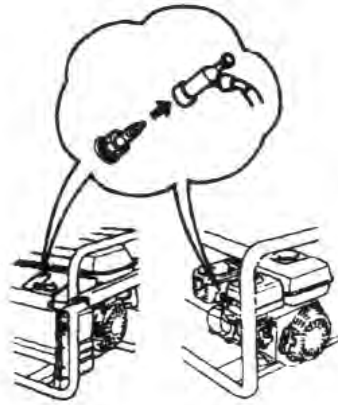
4. Wash in warm soapy water and let dry. Squeeze out excess water.

5. Pat the center of the filter several times



Changing the Spark Plug

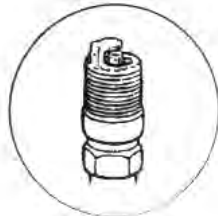
1. Remove the spark plug cap



2. Remove the spark plug

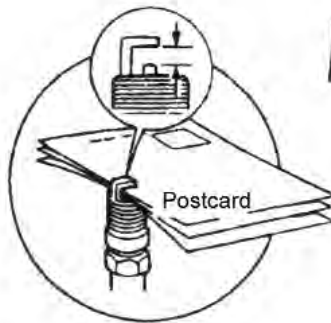


3. Clean the deposit



0.7-0.8mm

4. Measure the gap

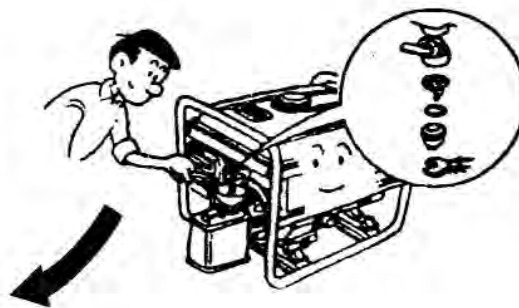
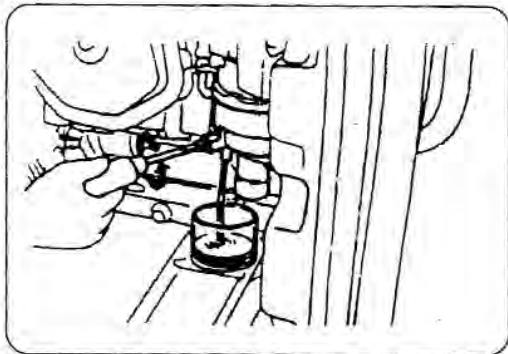


5. Install the spark plug and plug cap



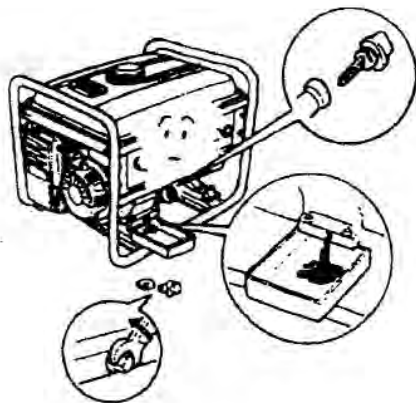
Storage

1. Close the fuel valve and drain the fuel from the fuel tank

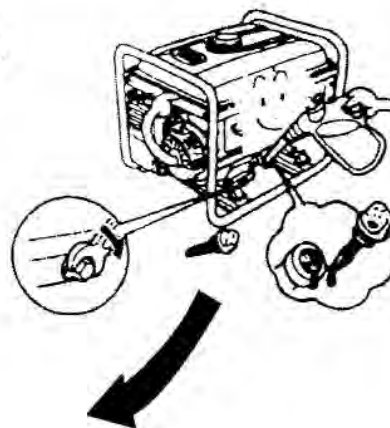


2. Drain the fuel from the carburetor.

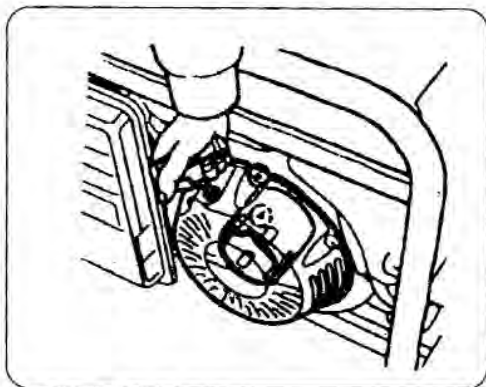
3. Remove the oil filter cap and remove plug to drain the oil



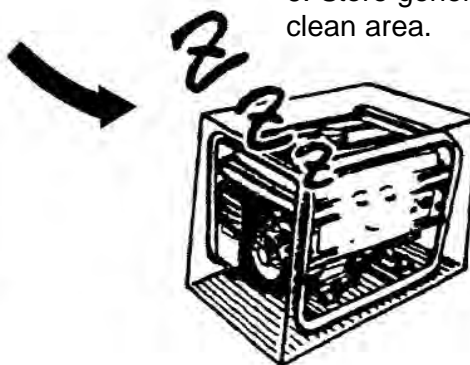
4. Tighten the oil drain plug and fill the engine with new oil to the filter neck.



5. Pull the starter grip carefully until resistance is felt.



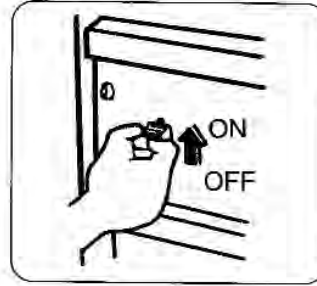
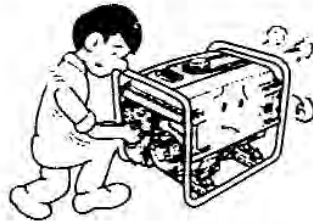
6. Store generator in a clean area.



Troubleshooting

Engine Does Not Start

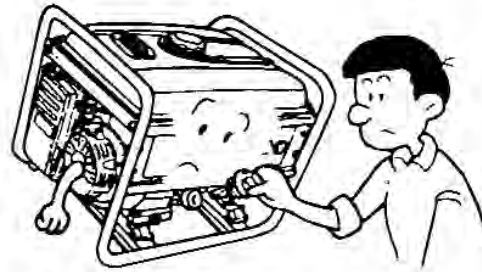
1. Turn on the engine switch



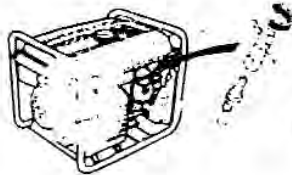
2. Check fuel



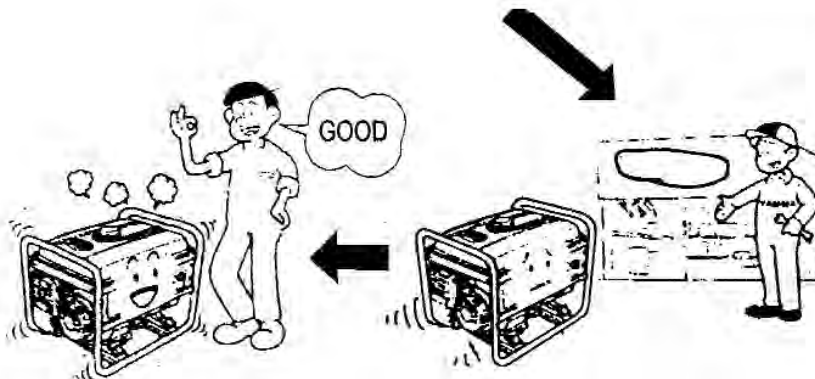
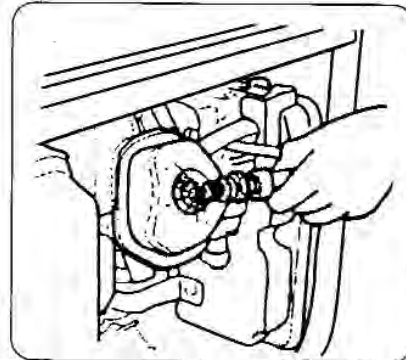
3. Check oil



4. Remove spark plug

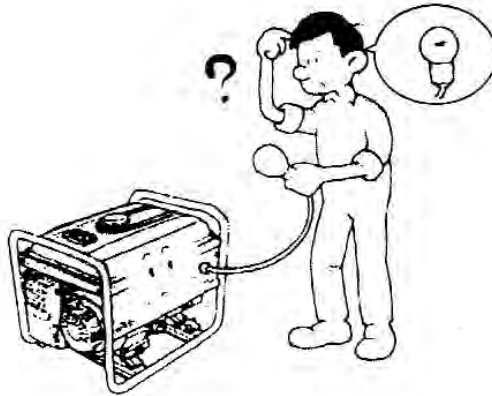


5. Check spark

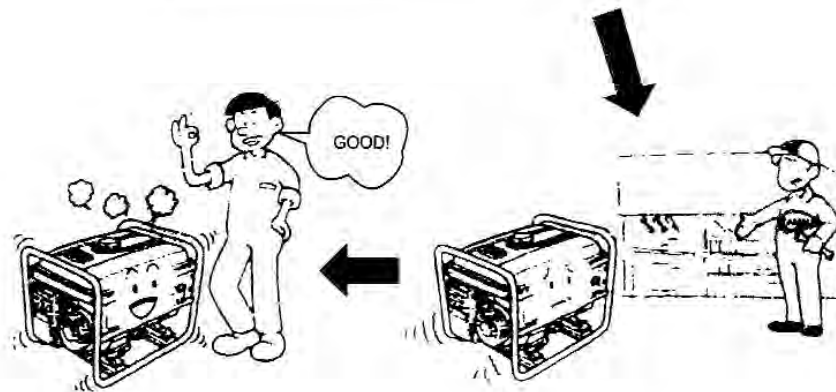
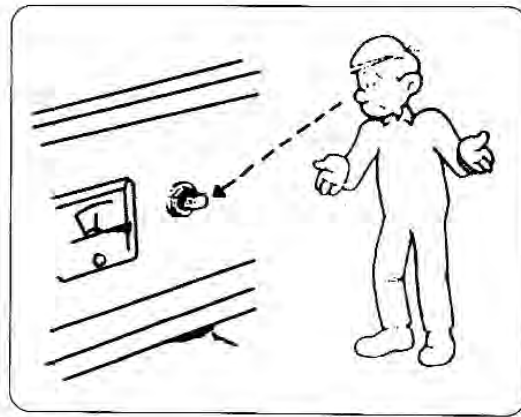


Troubleshooting

No Electricity

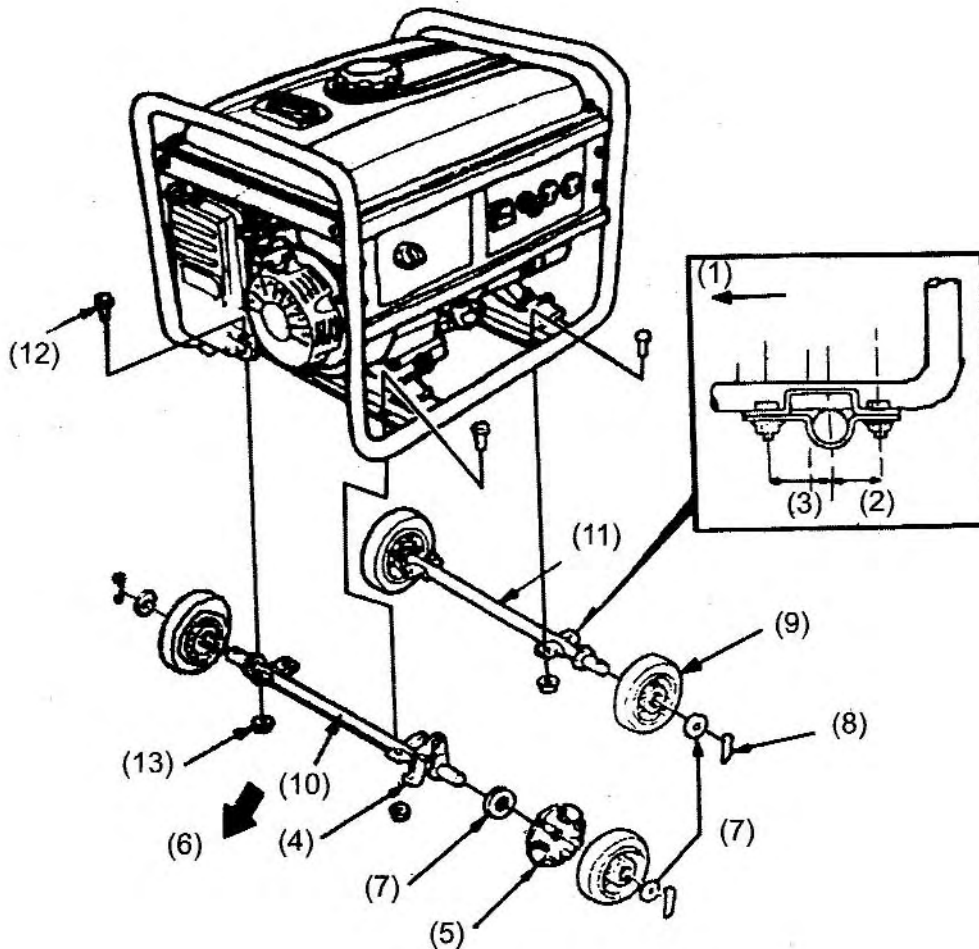


Check AC circuit breaker



Wheel Unit

1. Install the four wheels on the axle using the washer and cotter pins.
2. Install the axle assembly on the generator using the nuts and bolts.

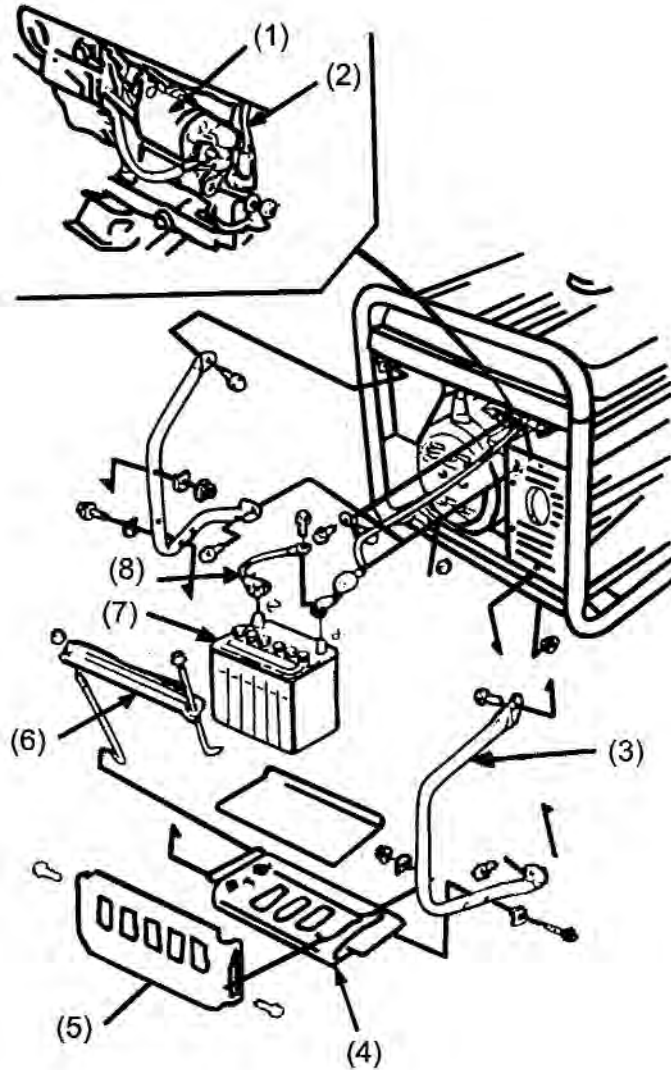


- | | |
|-------------------|----------------------------------|
| (1) Inside | (8) Cotter Pin |
| (2) Shorter End | (9) Wheel |
| (3) Longer End | (10) Axle shift (Engine Side) |
| (4) Wheel Stopper | (11) Axle Shaft (Generator Side) |
| (5) Stopper Plate | (12) Bolt |
| (6) Engine Side | (13) Nut |
| (7) Washer | |

Battery Unit

1. Install the battery kit on the generator using the bolts and washers.
2. Route the starter cable under the fuel tank and connect it to the starter magnet switch terminal.
3. Connect the ground cable to the generator rear housing.
4. Connect the starter cable to the battery positive (+) terminal first, then to the negative (-) terminal.

When disconnecting, disconnect the negative terminal (-) first, then the positive (+).



- (1) Starter magnet switch
- (2) Starter cable
- (3) Battery guard pipe
- (4) Battery tray
- (5) Guard plate

- (6) Battery set plate
- (7) Battery
- (8) Ground cable

Note: Use a battery ratio at 12V-35AH or more