



JVC8000iS
JVC5500iS
JVC3500iS

Inverter Generator ***OWNER'S MANUAL***



JAVAC POWER TECHNOLOGY SA

Please read and understand this manual completely before operating the machine.

SAFETY INFORMATION

- This generator is not designed for on-board use. Do not use it while installed on the vehicle.
- Do not modify the generator or use it with its parts removed.
- Do not allow children to operate the generator.
- Do not place any obstacles on the generator.



EXHAUST FUMES ARE POISONOUS

- Never operate the engine in a closed area or it may cause unconsciousness and death within a short time. Operate the engine in a well ventilated area.

FUEL IS HIGHLY FLAMMABLE AND POISONOUS

- Always turn off the engine when refueling.
- Never refuel while smoking or in the vicinity of an open flame.
- Take care not to spill any fuel on the engine or muffler when refueling.
- If you swallow any fuel, inhale fuel vapor, or allow any to get in your eye(s), see your doctor immediately. If any fuel spills on your skin or clothing, immediately wash with soap and water and change your clothes.
- When operating or transporting the machine, be sure it is kept upright. If it tilts, fuel may leak from the carburetor or fuel tank.

ENGINE AND MUFFLER MAY BE HOT

- Place the machine in a place where pedestrians or children are not likely to

touch the machine.

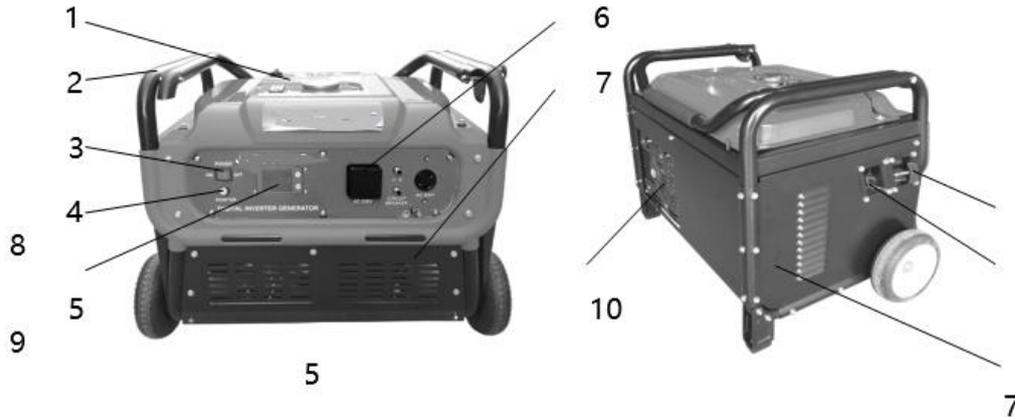
- Avoid placing any flammable materials near the exhaust outlet during operation.
- Keep the machine at least 1 m from buildings or other equipment, or the engine may overheat.
- Do not operate the engine with a dust cover or other objects covering it.
- When covering the generator, be sure to do so only after the engine and muffler have completely cooled down.

ELECTRIC SHOCK PREVENTION

- Never operate the engine in rain or snow.

- Never touch the machine with wet hands or electrical shock will occur.
- Connect the ground lead of the machine to the ground (earth) terminal and connect the end to the ground electrode buried in the ground.

DESCRIPTION



1. Fuel tank

2. Frame handle

3. Engine switch

4. Start switch

5. Display module

6. AC receptacle

7. Frame cover

8. Recoil starter

9. Fuel cock knob

10. Muffler

PREPARATION

Assembly generator

- Place the box on the ground.
- take out all the things besides the generator
- Hold the generator frame, put the generator out of the box carefully, placed on the ground.
- Installed casters or foots.



Engine oil

NOTICE The generator has been shipped without engine oil. Do not start the engine until you have filled it with the sufficient engine oil.

- Remove the frame cover.
- Remove the oil filler cap.



- Fill the specified amount of the recommended engine oil , and then install and tighten the oil filler cap.

Oil Quantity

JTE8000iS 1100ml

JTE5500iS 1100ml

JTE3500iS 600ml

Recommended engine oil:

SAE 15W/40 or higher

Battery

Remove the frame cover.

Connect the battery positive and

negative pole line

Fuel



Fuel is highly flammable and poisonous. Check carefully before filling.

Do not overfill the fuel tank, otherwise it may overflow when the fuel warms up and expands.

After fill the fuel, make sure the fuel tank cap is tightened securely.



- Immediately wipe off spilled fuel

with a clean, dry, soft cloth, since fuel may deteriorate painted surfaces.

- Use only unleaded gasoline. The use of leaded gasoline will cause severe damage to internal engine parts.
- Remove the fuel cap.
- Slowly add fuel to the tank, DO NOT overfill. Fill to the red level, visible on the fuel filter.
- Screw on the fuel cap and wipe away any spilled fuel.

Grounding



Failure to properly ground the generator can result in electric shock.

- Connect a length of heavy gauge (12 AWG minimum) copper wire between the generator ground terminal and a copper rod driven into the ground.

Generator location

NEVER operate the generator inside any building, including garages, basements, crawlspaces and sheds, enclosure or compartment, including the generator compartment of a recreational vehicle. Deadly levels of carbon monoxide can build up in these areas. Using a fan or opening windows and doors does NOT supply enough fresh air.

The generator must have at least five feet of clearance from combustible material. Leave at least three feet of clearance on all sides of the generator

to allow for adequate cooling, maintenance and servicing.

STARTING

Put the generator on a flat, level surface.

- Turn the fuel cock knob lever to the “ON” position.
- Turn the engine switch to the “ON” position.
- Press the start switch, or pull the recoil starter to start the engine.

CONNECTION AC

- Start the engine, the generator has no power output. “AC OFF” is red on the display module. The engine speeds to idle.
- Plug in to AC receptacle.
- Engine warms up for a few minutes.
- Press the “AC” button, “AC ON” is green on the display module. The generator has power output.

To prolong the life of the generator and attached devices, allow the engine to stabilize, and then add electrical loads one by one.

NOTICE Never exceed the specified capacity when adding loads to the generator.

STOPPING

- Press the “AC” button, “AC OFF” is red on the display module. The

generator has no power output.

- The engine speeds to idle for several minutes.
- Turn the engine switch to the “OFF” position.
- Turn the fuel cock knob lever to the “OFF” position.

MAINTENANCE AND STORAGE

Engine Maintenance

To prevent accidental starting,

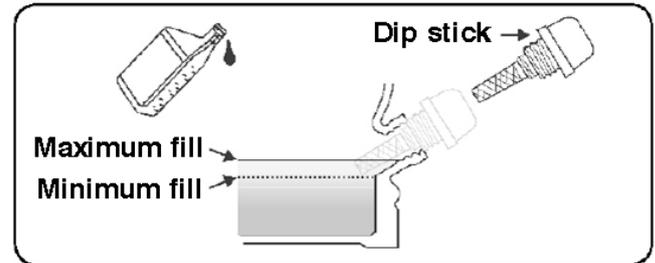
remove and ground spark plug wire before performing any service.

Oil

Change oil when the engine is warm.

- Remove the frame cover.
- Remove the oil filler cap.
- Tilt the generator on its side and allow the oil to drain completely.
- According to the models of capacity to add oil and replace oil filler cap.
- Reinstall the frame cover.

- Dispose of used oil at an approved waste management facility.

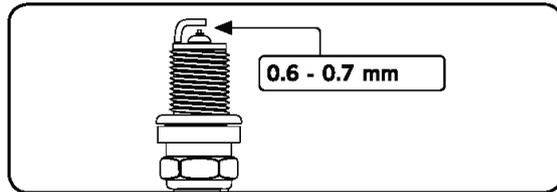


Spark Plugs

- Remove the frame cover.
- Remove the plug cap from the spark plug.
- Use the spark plug tool to remove

the spark plug.

- Inspect the electrode on the plug. It must be clean.
- Make certain the spark plug gap is 0.6~0.7mm.



- Carefully thread the plug into the engine.
- Use the spark plug tool to firmly install the plug.
- Attach the spark plug cap to the plug.

- Reinstall the frame cover.

Air Filter

- Remove the frame cover.
- Remove the air filter cover.
- Remove the foam element.
- Wash in liquid detergent and water.

Squeeze thoroughly dry in a clean cloth.

- Saturate in clean engine oil.
- Squeeze in a clean, absorbent cloth to remove all excess oil.
- Place the filter in the assembly.
- Reattach the air filter cover.
- Reinstall the frame cover.

Maintenance Schedule

Every 8 hours or daily	
	Clean around air intake and muffler
First 20 hours	
	Change oil
Every 50 hours or every season	
	Clean air filter
	Change oil if operating under heavy load or in hot environments
Every 100 hours or every season	
	Change oil
	Clean / Adjust spark plug
	Check / Adjust valve clearance
	Clean spark arrester
	Clean fuel tank and filter
Every 3 years	
	Replace fuel line

Follow the service intervals indicated in the maintenance schedule.

Service the generator more frequently when operating in adverse conditions.

Generator Maintenance

Make certain that the generator is kept clean and stored properly. Only operate the unit on a flat, level surface in a clean, dry operating environment. DO NOT expose the unit to extreme conditions, excessive dust, dirt, moisture or corrosive vapors.

NOTICE DO NOT use a garden hose to clean the generator.

Storage

The generator should be started at least once every 14 days and allowed to run for at least 20 minutes. For longer term storage, please follow these guidelines.

Generator Storage

- Allow the engine to cool completely before storage.

- Remove the frame cover. Drain all fuel completely from the fuel line and carburetor to prevent colloid build up.
- Change the engine oil.
- Remove the spark plug and pour about a tablespoon of oil into the cylinder. Crank the engine slowly to distribute the oil and lubricate the cylinder.
- Reattach the spark plug.

SPECIFICATIONS

PARAMETER				
Model		JVC8000iS	JVC5500iS	JVC3500iS
Engine	Type	Air cooled 4-stroke gasoline OHV		
	Displacement (ml)	420	337	208
	Engine Oil Quantity (L)	1.1		0.6
	Spark Plug Type	F7RTC		
	Spark Plug Gap (mm)	0.6-0.7		
	Speed Regulating System	Electric control speed regulation system		
	Choke Type	Electric control		
	Starting Type	Recoil/E Start		
Generator	Phase Type	Single phase		
	Voltage regulation	Inverter Regulation		
	Rated Frequency (Hz)	50 / 60		
	Rated Voltage (V)	110V/120V/220/240		
	Rated Output (KVA)	7.0	5.0	3.0
	Fuel Capacity (L)	22		12.5
	Max Output (KVA)	7.5	5.5	3.5
	Dry Weight (kg)	76	74	42.5
	L*W*H (mm)	715*545*560		610*478*465
	Power Factor (COS ϕ)	1		

TROUBLESHOOTING

Problem	Cause	Solution
Generator will not start	No fuel	Add fuel
	Faulty spark plug	Replace spark plug
Generator starts but runs roughly	Low oil level	Fill oil to the proper level Place generator on a flat, level surface
	Spark plug wire loose	Attach wire to spark plug
Generator shuts down during operation	Out of fuel	Fill fuel tank
	Low oil level	Fill oil to the proper level. Place generator on a flat, level surface
Generator cannot supply enough power or overheating	Generator is overloaded	Review load and adjust.
	Insufficient ventilation	Check for air restriction. Move to a well ventilated area
No AC output	Cable not properly connected	Check all connections
	Connected device is defective	Replace defective device
	Circuit breaker is open	Reset circuit breaker
	Loose wiring	Inspect and tighten wiring connections
“AC OFF” is always on the display module.	overload	Review load and adjust
	Faulty cords or device	Check for damaged, bare or frayed wires. Replace defective device