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Ford FG2300iS

Ford FG2300iS 2300 Watt Gas Inverter Generator Instruction Manual

Model: FG2300iS

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Ford FG2300iS 2300 Watt Gas Inverter Generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

2. Safety Information

Operating a generator can be hazardous. Always follow safety precautions to reduce the risk of fire, electric shock, and personal injury.

2.1 General Safety Rules

- Read and understand all instructions in this manual before operating the generator.
- Operate the generator outdoors in a well-ventilated area, away from windows, doors, and vents. Carbon monoxide is a colorless, odorless gas that can be fatal.
- Keep children and pets away from the generator during operation.
- Do not operate the generator in rain, snow, or wet conditions.
- Ensure the generator is placed on a level, stable surface.
- Never refuel a hot or running engine. Allow the generator to cool before adding fuel.
- Use only fresh, unleaded gasoline.
- Do not overload the generator.
- Always disconnect appliances before starting or stopping the generator.
- Wear appropriate personal protective equipment (PPE) when handling fuel or performing maintenance.

2.2 Electrical Safety

- Never connect the generator directly to a building's electrical system without a transfer switch installed by a qualified electrician. This can cause backfeeding, which is dangerous for utility workers and can damage the generator.
- Use only grounded extension cords that are rated for outdoor use and the power requirements of your appliances.

- Inspect cords for damage before each use.
- Ensure all connections are secure and dry.

3. Product Features and Components

The Ford FG2300iS Inverter Generator is designed for portable power needs, offering stable energy for various applications.

3.1 Key Features

- **Powerful Gas Generator:** 2300-watt peak, 2000-watt running output.
- **Inverter Technology:** Produces stable, clean power safe for sensitive electronics.
- **Compact and Portable:** Designed with a sturdy grip handle for easy transport.
- **Quiet Operation:** Features a compact carrying case that minimizes operational noise.
- **Built Ford Tough Engine:** Robust 4-stroke engine for durability, reliability, and performance.
- **Recoil Start:** Convenient starting mechanism that requires no battery.
- **Low Oil Engine Shutoff:** Automatically protects the engine by stopping operation when oil levels are too low.
- **Outlets:** Includes 2x 120V 20AMP AC outlets, 1x 12V DC 8AMP outlet, and 1x integrated USB port.
- **Fuel Tank Capacity:** 4.5L (1.2 gallons) for approximately 6 hours running time at half load.

3.2 Component Identification

Familiarize yourself with the generator's components before operation.



Figure 1: Front view of the Ford FG2300iS Inverter Generator, highlighting the control panel with various outlets, switches, and indicators. This includes the AC outlets, DC outlet, USB port, engine switch, choke lever, and overload indicator.

- **Engine Switch:** Controls engine ON/OFF.
- **Choke Lever:** Used for starting a cold engine.
- **AC Outlets (120V 20A):** For connecting standard electrical devices.
- **DC Outlet (12V 8A):** For charging 12V batteries.
- **USB Port:** For charging USB-powered devices.
- **Overload Indicator:** Illuminates when the generator is overloaded.
- **Low Oil Indicator:** Illuminates when engine oil is low.
- **Fuel Cap:** For adding gasoline.
- **Recoil Starter:** Manual pull-start mechanism.
- **Economy Switch:** Engages economy mode for reduced fuel consumption and noise at lower loads.

- **Parallel Capability Ports:** Allows connection of two FG2300iS generators for increased power output (requires parallel kit, sold separately).

4. Initial Setup

Before first use, the generator requires preparation, including adding engine oil and fuel.

4.1 Adding Engine Oil

1. Place the generator on a level surface.
2. Locate the oil fill cap/dipstick.
3. Remove the oil fill cap/dipstick.
4. Carefully add the recommended engine oil (e.g., 10W-30) up to the upper level mark on the dipstick. Do not overfill. The generator has a low oil shutoff feature, so sufficient oil is critical for operation.
5. Replace the oil fill cap/dipstick securely.

4.2 Adding Fuel

WARNING: Gasoline is highly flammable. Handle with extreme care. Ensure the engine is off and cool before refueling.

1. Ensure the generator is turned OFF and has cooled down.
2. Unscrew the fuel cap.
3. Fill the fuel tank with fresh, unleaded gasoline (minimum 87 octane). Do not use E85 or mixed fuels.
4. Do not overfill; leave space for fuel expansion.
5. Securely replace the fuel cap. Wipe up any spilled fuel immediately.

5. Operation

5.1 Starting the Engine

1. Ensure the generator is on a level surface and all electrical loads are disconnected.
2. Turn the engine switch to the "ON" position.
3. Move the choke lever to the "CHOKE" position (for cold starts). For warm starts, the choke may not be necessary.
4. Grasp the recoil starter handle firmly and pull slowly until resistance is felt, then pull quickly and smoothly to start the engine. Repeat if necessary.
5. Once the engine starts, slowly move the choke lever to the "RUN" position.
6. Allow the engine to warm up for a few minutes before connecting electrical loads.

5.2 Connecting Electrical Loads

- Ensure the generator is running stably.
- Plug in your appliances or extension cords into the appropriate AC or DC outlets.
- Do not exceed the generator's rated running wattage (2000 watts).
- Monitor the overload indicator. If it illuminates, reduce the load immediately.

5.3 Economy Mode

The Economy Switch allows the engine speed to automatically adjust to the electrical load, improving fuel efficiency and reducing noise. For sensitive electronics or when maximum power is needed, operate in standard mode.

- **Standard Mode:** Provides full power output. Recommended for inductive and resistive loads (e.g., RV air conditioner).
- **Economy Mode:** Reduces engine speed for lighter loads, saving fuel and reducing noise.
- **Turbo Mode:** For inductive and resistive loads requiring higher starting current (e.g., hair dryer).



Figure 2: Side view of the Ford FG2300iS Inverter Generator, showing the fuel cap and the Economy/Standard/Turbo mode switch. This view emphasizes the compact design and integrated handle.

5.4 Stopping the Engine

1. Disconnect all electrical loads from the generator.
2. Allow the engine to run for a few minutes without load to cool down.
3. Turn the engine switch to the "OFF" position.
4. Turn the fuel valve to the "OFF" position (if applicable, though not explicitly mentioned for this model, it's good practice for generators).

5.5 Parallel Operation (Optional)

The Ford FG2300iS generator is equipped with parallel capability, allowing two identical units to be connected for increased power output. A parallel kit (sold separately) is required for this function. Refer to the parallel kit's instruction manual for detailed setup and operation procedures.

6. Maintenance

Regular maintenance ensures the longevity and reliable operation of your generator. Always perform maintenance with the engine OFF and cooled.

6.1 Maintenance Schedule

Item	Every Use	First 20 Hours / 1 Month	Every 50 Hours / 3 Months	Every 100 Hours / 6 Months
Check Engine Oil Level	✓			
Change Engine Oil		✓		
Clean Air Filter			✓	
Inspect Spark Plug				✓
Check Fuel Filter				✓

6.2 Storage

For long-term storage (over 30 days), proper preparation is essential:

- Drain the fuel tank and carburetor. Run the engine until it stops from lack of fuel.
- Change the engine oil.
- Remove the spark plug and pour a small amount of engine oil into the cylinder. Pull the recoil starter a few times to distribute the oil, then reinstall the spark plug.
- Clean the generator thoroughly.
- Store in a clean, dry, well-ventilated area, away from direct sunlight and heat sources.

7. Troubleshooting

This section provides solutions to common operational issues. If you encounter problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Engine will not start	No fuel Low engine oil Engine switch OFF Choke not set correctly Spark plug issue	Add fresh fuel Add engine oil Turn engine switch ON Adjust choke lever Inspect/clean/replace spark plug
No power output	Overload Circuit breaker tripped Faulty connection	Reduce electrical load Reset circuit breaker Check all connections
Engine runs, then stops	Low fuel Low engine oil Clogged fuel filter	Add fuel Add engine oil Clean/replace fuel filter

8. Specifications

Model	FG2300iS
Brand	Ford
Starting Wattage	2300 Watts

Running Wattage	2000 Watts
Voltage	120 Volts
Fuel Type	Gasoline
Engine Type	4 Stroke
Engine Displacement	80 Cubic Centimeters
Fuel Tank Capacity	1.18 Gallons (4.5 Liters)
Running Time (at half load)	Approximately 6 hours
Sound Level	53 dB
Item Weight	46.3 Pounds
Product Dimensions (L x W x H)	21.5" x 20" x 13"
Special Feature	Portable, Inverter Technology, Low Oil Shutoff, Parallel Capability
UPC	814726026332



Figure 3: Dimensions of the Ford FG2300iS Inverter Generator, showing its length, width, and height for reference.

9. Warranty and Support

9.1 Warranty Information

This Ford FG2300iS Inverter Generator comes with a **2-year warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage due to misuse, neglect, unauthorized modifications, or normal wear and tear.

9.2 Customer Support

For technical assistance, parts, or warranty inquiries, please contact Ford customer support. Refer to the product packaging or the official Ford website for the most current contact information.
When contacting support, please have your generator's model number (FG2300iS) and serial number ready.

Ask a question about this manual

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