DEWALT F340700

DEWALT DXH215HD F340700 Forced Air Kerosene Heater User Manual

Model: F340700 | Brand: DEWALT

Introduction

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your DEWALT DXH215HD F340700 Forced Air Kerosene Heater. Please read this manual thoroughly before using the heater and retain it for future reference.



Image: The DEWALT DXH215HD F340700 Forced Air Kerosene Heater, featuring its robust yellow and black design with a roll cage and wheels.

Important Safety Information

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Always operate the heater in a well-ventilated area to prevent carbon monoxide poisoning.
- Use only approved fuels: Kerosene (K-1), Diesel #1 or #2, Fuel Oil #1 or #2, or Jet A fuel. Do not use gasoline or other volatile fuels.
- Keep combustible materials at least 8 feet (2.4 meters) from the front of the heater and 3 feet (0.9 meters) from the sides and top.
- Never leave the heater unattended while operating.
- Ensure the heater is placed on a level, stable, non-combustible surface.
- Do not use the heater in living areas or sleeping quarters.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 Warning).

Setup and Assembly

1. Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect the heater for any damage that may have occurred during shipping. If any damage is found, do not operate the heater and contact customer service immediately.

2. Assembly

While the heater is largely pre-assembled, some minor assembly may be required, such as attaching the wheels and handle. Refer to the included assembly diagram for specific instructions.



Image: A close-up view of the durable, flat-free rubber wheel, designed for easy transport across various terrains.

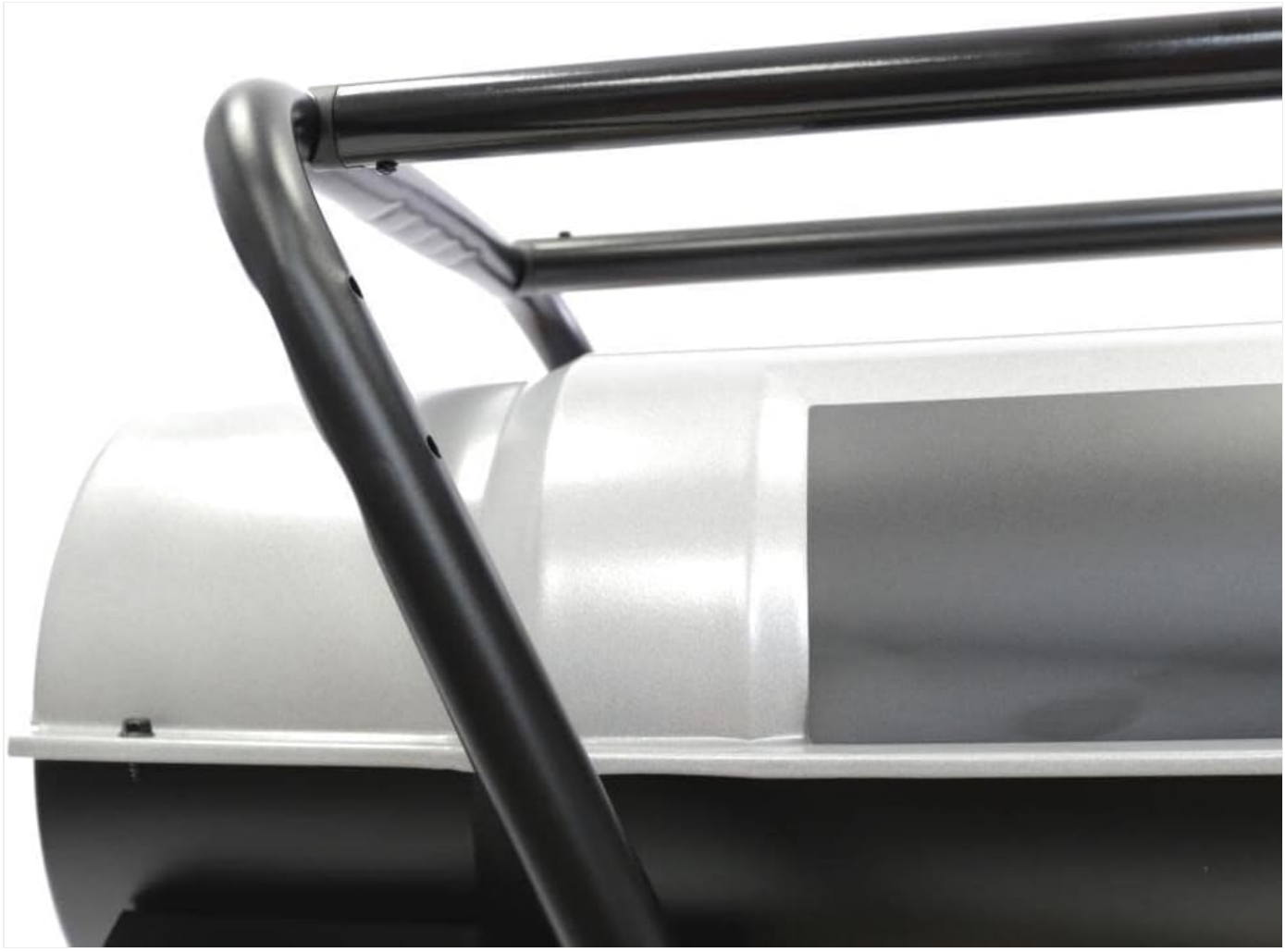


Image: Detail of the ergonomic handle and robust roll cage, facilitating safe and comfortable movement of the heater.

3. Fueling the Heater

Ensure the heater is turned off and cool before adding fuel. Use only K-1 Kerosene, #1 or #2 Diesel, #1 or #2 Fuel Oil, or Jet A fuel. Do not overfill the tank. The fuel gauge indicates the current fuel level.



Image: The fuel gauge and secure fuel cap located on the top of the heater's fuel tank.

Operating Instructions

1. Starting the Heater

1. Ensure the heater is connected to a grounded power outlet.
2. Verify the fuel tank contains sufficient and correct fuel.
3. Turn the thermostat control knob to the desired heat setting.
4. Flip the power switch to the "ON" (I) position. The heater will initiate its continuous electronic ignition sequence.
5. If the heater does not ignite immediately, it may need to prime the fuel system. Allow a few seconds and if necessary, cycle the power switch off and on a few times until ignition occurs.



Image: The recessed control panel, showing the thermostat adjustment knob and the red power switch.

2. Adjusting Heat Output

The thermostat control knob allows you to adjust the heat output. Turn the knob clockwise for higher heat and counter-clockwise for lower heat. The heater will cycle on and off to maintain the set temperature.

3. Shutting Down the Heater

To turn off the heater, simply flip the power switch to the "OFF" (O) position. The heater will undergo a cool-down cycle before completely shutting down.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your heater. Always disconnect the heater from the power supply and allow it to cool completely before performing any maintenance.

- **Cleaning:** The two-piece split barrel design facilitates easier cleaning. Regularly clean the fan blades and the

interior of the heater to prevent dust and debris buildup.

- **Fuel Filter:** Inspect and clean or replace the fuel filter periodically to ensure proper fuel flow.
- **Igniter and Nozzle:** Check the igniter and fuel nozzle for carbon buildup or damage. Clean or replace as necessary to ensure reliable ignition and efficient combustion.
- **Storage:** When storing the heater for extended periods, drain the fuel tank completely and store in a dry, protected area.



Image: A close-up of the integrated storage compartment on the side of the heater, useful for small tools or accessories.



Image: The storage compartment opened, revealing a work glove stored inside, demonstrating its practical use.

Troubleshooting

Problem	Possible Cause	Solution
Heater does not start or ignite.	No power, no fuel, clogged fuel filter, faulty igniter.	Check power connection. Ensure sufficient fuel. Clean/replace fuel filter. Inspect/clean igniter. Cycle power switch to prime fuel system.
Heater starts but shuts off unexpectedly.	Low fuel, overheating, improper fuel pressure, dirty nozzle.	Refill fuel. Ensure adequate ventilation. Check for obstructions. Clean fuel nozzle.

Problem	Possible Cause	Solution
Reduced heat output or unusual flame.	Clogged fuel filter, dirty nozzle, incorrect fuel pressure.	Clean/replace fuel filter. Clean fuel nozzle. Consult service for pressure adjustment if necessary.
Excessive smoke or odor.	Improper fuel, poor ventilation, dirty components.	Ensure correct fuel type. Increase ventilation. Clean heater components.

Specifications

Model: F340700 (DXH215HD)

Product Dimensions: 42 x 18 x 22 inches

Item Weight: 42 pounds

Heating Method: Forced Air

Fuel Type: Multi-fuel capability (K-1 Kerosene, Diesel #1 or #2, Fuel Oil #1 or #2, Jet A)

Ignition: Continuous Electronic

Safety Features: Overheat safety shut off, continuous ignition

Certifications: CSA Certified

Form Factor: Rolling Cart

Warranty Information

This DEWALT heater is covered by a **1-year warranty from the date of purchase**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or service, please retain your proof of purchase and contact DEWALT customer support.

Customer Support

For technical assistance, parts, or service inquiries, please visit the official DEWALT website or contact their customer support line. Have your model number (F340700) and serial number ready when contacting support.
You can find more information and support resources at:www.dewalt.com

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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