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Kohler Generator Installation Manual

This manual simplifies the process of installing Kohler generators while ensuring compliance with safety and technical standards. Follow the outlined steps for a secure and efficient setup.

1. Safety Precautions

- **Carbon Monoxide:** Always install generators outdoors to prevent carbon monoxide poisoning.
 - **Electrical Hazards:** Turn off all power sources during installation to avoid electrocution.
 - **Fuel Safety:** Handle fuels with care to prevent leaks and fire hazards.
 - **Hot Components:** Allow the generator to cool before servicing to prevent burns.
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2. Pre-Installation Checklist

- Obtain necessary permits and follow local building codes.
 - Arrange for utility markings to identify underground pipes and cables.
 - Prepare tools and protective gear.
 - Ensure access to the Kohler installation manual.
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3. Installation Steps

3.1 Site Selection

- Choose a level, outdoor location away from decks, patios, and play areas.

- Maintain a minimum clearance of 4 feet from structures and combustible materials.
- Ensure the area has proper ventilation and no obstructions.

3.2 Mounting

- Use a concrete pad or gravel base to stabilize the generator.
- Avoid placing the generator directly on grass or wood.

3.3 Fuel System Setup

- Ensure fuel supply pressure complies with generator specifications:
 - **Natural Gas:** 5-11 inches water column.
 - **LPG:** 7-11 inches water column.
- Use flexible connectors to reduce vibration.
- Check for leaks using soapy water after connections.

3.4 Electrical Connections

- Connect the generator to an automatic transfer switch (ATS).
- Ground the generator to the appropriate terminal.
- Use separate conduits for power and communication cables.

3.5 Exhaust System

- Ensure the exhaust system directs fumes away from occupied areas.
- Regularly inspect exhaust outlets for leaks or blockages.

3.6 Battery Installation

- Install the recommended battery as per the manual.
- Disconnect the negative terminal first during setup and reconnect it last.

3.7 Pre-Startup Inspection

- Verify all connections.
- Perform a pressure test on the fuel system.
- Inspect for loose components or obstructions.

3.8 First Startup

- Start the generator using the RUN button on the controller.
- Check for unusual sounds or leaks.

- Test the generator under load.
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4. Maintenance Tips

- Check oil levels and replace filters regularly.
 - Inspect electrical and fuel connections annually.
 - Schedule professional servicing to ensure optimal performance.
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5. Troubleshooting Common Issues

Issue	Cause	Solution
Generator won't start	Low battery, fuel issues	Charge battery, check fuel connections
Excessive noise	Vibrations, loose components	Stabilize generator, tighten components
Low output	Wiring problems, fuel pressure	Inspect connections, adjust fuel settings

For further details, refer to the full installation manual provided by Kohler or contact a certified technician. Always prioritize safety and follow local regulations during installation.

For more details search 'kohler generator installation manual' on <https://dgset.net/>

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