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› Advia 50-619 Igniter for Enviro Empress FPI & FS, Mini, Milan Insert, P3, P4 Pellet Stove and VistaFlame Windsor Pellet Stove, Pellet Igniter Upgrade Fits Enviro and Vista Flame 50-619 & 20-022. User Manual

Advia 50-619

Advia 50-619 Igniter User Manual

For Enviro and VistaFlame Pellet Stoves

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Advia 50-619 Igniter. This igniter is designed as a replacement part for various Enviro and VistaFlame pellet stove models. Please read this manual thoroughly before proceeding with installation or operation to ensure safe and efficient use.

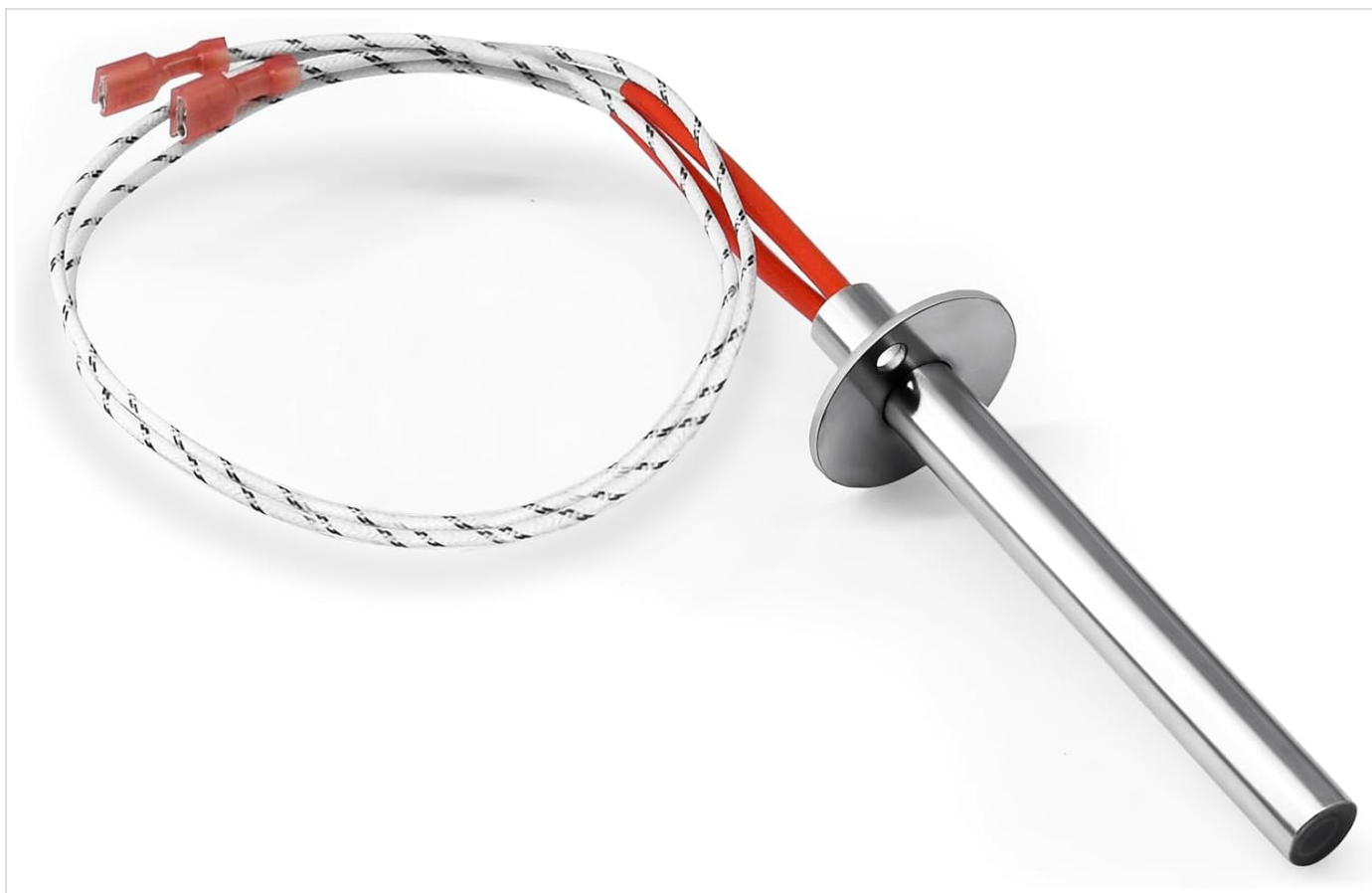


Figure 1: Advia 50-619 Igniter. This image shows the complete igniter unit with its heating element, collar, and electrical wiring with female spade connectors.

2. COMPATIBILITY

The Adviace 50-619 Igniter is a direct replacement for part numbers 50-619, 20-022, and SI50619. It is compatible with the following pellet stove models:

Enviro Pellet Stoves:

- EF5 (Evolution) – Serial number 10221 and higher
- Empress FPI
- Empress FS
- Milan Insert
- Mini
- Mini-A
- P3
- P4
- Windsor

Vista Flame Pellet Stoves:

- VF Windsor

SUITABLE FOR

Replacement For Part Numbers:

PU-CH6

VP00422

CPM-CH



Englander Pellet Stoves

- ✓ 10-CPM
- ✓ Super 240
- ✓ 49-SHCPM
- ✓ 49-TRCPM
- ✓ 55-SHP240
- ✓ 55-TRP240
- ✓ Max 240
- ✓ 25-PUF (Pellet Utility Furnace)



Figure 2: Compatibility overview. This image illustrates the various pellet stove models and part numbers that this igniter is designed to replace.

3. PRODUCT SPECIFICATIONS

The Adviace 50-619 Igniter features robust construction designed for high-temperature environments.

Attribute	Measurement
Overall Length	23 inches
Cartridge Length	4 5/8 inches
Wire Length	18 1/4 inches
Cartridge Diameter	3/8 inches
Collar Outside Diameter	1 1/2 inches

Attribute	Measurement
Connectors	Female Spades
Power Rating	400 Watts
Voltage	120 Volts
Wire Insulation	Fiberglass (up to 1200°F)

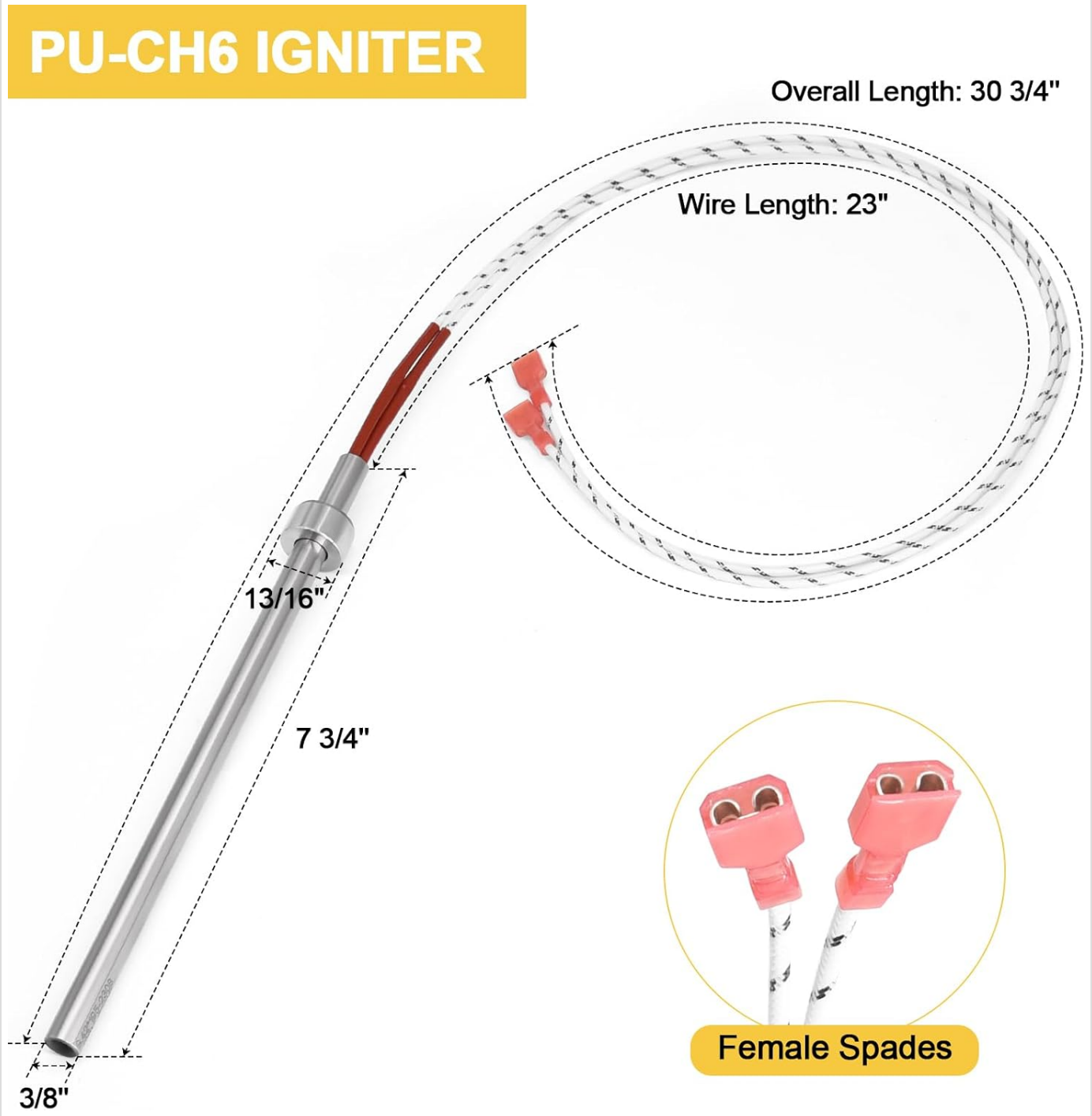


Figure 3: Detailed dimensions of the igniter. This image provides a visual representation of the igniter's measurements, including overall length, cartridge length, wire length, and connector type.

TOP QUALITY

Adviance specializes in high quality igniter upgrades.

We strive to make the highest quality parts at affordable prices.



Fits Perfectly



Ease Of Installation



Working Great



**Good Performance
Of Igniter**

Figure 4: High temperature resistance. This image highlights the igniter's capability to withstand temperatures up to 1200 degrees Fahrenheit, indicating its durability in pellet stove environments.

4. INSTALLATION INSTRUCTIONS

Safety First: Before beginning any installation or maintenance, ensure your pellet stove is completely unplugged from the power source and has cooled down. Failure to do so can result in electric shock or burns.

1. **Access the Igniter:** Locate the existing igniter in your pellet stove. This typically involves removing access panels or components as per your stove's specific service manual.
2. **Disconnect Wiring:** Carefully disconnect the electrical connectors from the old igniter. Note their orientation if necessary.
3. **Remove Old Igniter:** Unscrew or unfasten the old igniter from its mounting bracket. Some models may require gentle wiggling to free the igniter from its housing.
4. **Inspect Mounting:** Check the mounting area for any debris or damage. It is advisable to replace your door gasket if it is leaking, as this can contribute to igniter failure.

5. **Install New Igniter:** Insert the new Adviace 50-619 igniter into the mounting location. Secure it using the existing screws or fasteners. Ensure it is seated firmly.
6. **Connect Wiring:** Connect the female spade connectors of the new igniter to the corresponding male terminals in your stove's wiring harness. Ensure a secure and tight connection.
7. **Reassemble Stove:** Replace any access panels or components that were removed during the process.
8. **Test Operation:** Plug the stove back into the power source and initiate a start-up cycle to verify the new igniter is functioning correctly.

Note: While this igniter is designed for a perfect fit, some user reviews indicate that mounting holes may require slight adjustment on certain Enviro Empress models. If you encounter this, ensure the igniter is securely fastened with at least one screw.

5. OPERATION

The Adviace 50-619 Igniter is an automatic component within your pellet stove's ignition system. Once installed, its operation is integrated with the stove's control board.

Ignition Sequence:

1. When the pellet stove is turned on and set to ignite, the control board sends power to the igniter.
2. The igniter heats up rapidly, reaching temperatures sufficient to ignite the wood pellets.
3. Pellets are fed into the burn pot, coming into contact with the hot igniter.
4. Once ignition is detected (usually by a thermistor or flame sensor), the control board deactivates the igniter, and the stove transitions to normal operation.

No direct user interaction is required for the igniter's operation after installation. Refer to your specific pellet stove's user manual for detailed instructions on starting and operating your stove.

6. MAINTENANCE

The Adviace 50-619 Igniter is designed for durability and requires minimal direct maintenance. However, regular maintenance of your pellet stove is crucial for the longevity of all its components, including the igniter.

General Pellet Stove Maintenance (Recommended):

- **Clean Burn Pot:** Regularly clean the burn pot to prevent ash and creosote buildup, which can obstruct airflow and affect ignition.
- **Vacuum Ash:** Use a shop vacuum to remove ash from the firebox and ash pan.
- **Clean Exhaust Vent:** Periodically clean the exhaust vent and chimney to ensure proper draft and prevent blockages.
- **Inspect Gaskets:** Check door and ash pan gaskets for wear or damage. Leaking gaskets can lead to poor combustion and increased strain on the igniter.
- **Pellet Quality:** Use high-quality, low-ash content pellets to minimize residue and improve combustion efficiency.

Important: Always ensure the stove is cool and unplugged before performing any cleaning or maintenance.

7. TROUBLESHOOTING

If your pellet stove is experiencing ignition issues after installing the Adviace 50-619 Igniter, consider the following

common problems and solutions:

Problem	Possible Cause	Solution
Igniter does not heat up.	No power to igniter; faulty wiring connection; igniter failure.	Check stove's power supply. Verify all electrical connections are secure. If connections are good, the igniter may be faulty (though unlikely for a new unit). Consult a qualified technician.
Igniter heats but pellets do not ignite.	Insufficient airflow; poor pellet quality; clogged burn pot; faulty flame sensor.	Clean burn pot and exhaust vent. Ensure fresh, dry pellets are used. Check flame sensor for debris or malfunction (refer to stove manual).
Stove repeatedly attempts ignition.	Similar to "pellets do not ignite" issues; control board malfunction.	Perform all checks for "pellets do not ignite." If problem persists, the stove's control board may be faulty, requiring professional service.
Igniter fails prematurely.	Excessive heat due to poor airflow; leaking door gasket; power surges.	Ensure proper stove maintenance, especially cleaning and gasket inspection. Consider a surge protector for your stove.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please consult your pellet stove's specific service manual or contact a certified technician.

8. WARRANTY INFORMATION

The Adviace 50-619 Igniter comes with a **1-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service.

The warranty does not cover damage resulting from:

- Improper installation or use
- Accident, abuse, or neglect
- Unauthorized repairs or modifications
- Failure to perform recommended maintenance on the pellet stove

To make a warranty claim, please retain your proof of purchase and contact Adviace customer support through the retailer where the product was purchased.

9. CUSTOMER SUPPORT

For further assistance, technical questions, or warranty inquiries regarding your Adviace 50-619 Igniter, please contact the seller or Adviace directly through their official channels. You can often find contact information on the product packaging or the retailer's website.

For general information about Adviace products, you may visit the [Adviace Store on Amazon](#).

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.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question

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