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› Advia PU-047040 Auger Motor and PU-UCF204-12 Auger Bearing Kit Instruction Manual

## Advia PU-047040, PU-UCF204-12

# Advia PU-047040 Auger Motor and PU-UCF204-12 Auger Bearing Kit Instruction Manual

Brand: Advia | Model: PU-047040, PU-UCF204-12

## INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your Advia PU-047040 Auger Motor and PU-UCF204-12 Auger Bearing kit. These components are designed as replacement parts for specific Englander pellet stove models to ensure efficient fuel delivery and reliable performance.

## PRODUCT COMPONENTS

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The kit includes the following items:

- 2 x PU-047040 Auger Motors
- 2 x PU-UCF204-12 Auger Bearings

# Compatible With Pellet Stove Models



**Englander  
25-PDVC  
55-SHP10  
55-SHP10L  
55-TRP10**



**Englander  
25-PDV  
55-SHP22  
55-TRP22**

Image showing the two PU-047040 auger motors and two PU-UCF204-12 auger bearings included in the kit.

## PRODUCT FEATURES

### PU-047040 Auger Motor Features

- Needle point ball bearing for strong and quiet operation.
- Improved easy installation with 20-inch wire leads.
- Durable construction for long-lasting and reliable use.

### PU-UCF204-12 Auger Bearing Features

- New style bearing with a grease fitting to prolong bearing and motor life.
- Can replace older style bearings without a grease fitting.

# 1.0 RPM Auger Motor

Quiet | Strong | Sturdy



Image illustrating the features of the 1 RPM auger motor, highlighting its quiet, strong, and sturdy design.

# Quality You Can Trust!

**ULTRA-DURABLE**



**SOLID IRON  
CAST HOUSINGS**

**BALL BEARINGS**



Image showcasing the quality of the auger bearing, emphasizing ultra-durable solid iron cast housings and ball bearings.

## COMPATIBLE PELLET STOVE MODELS

This kit is compatible with the following Englander pellet stove models:

- 25-CAB80, 55-SHPCAB80, 55-TRPCAB80
- 25-PAF, 55-SHP25, 55-TRP25
- 25-PDV, 55-SHP22, 55-TRP22, 25PDV
- 25-PDVC, 55-SHP10, 55-SHP10L, 55-TRP10, 25PDVC
- 25-PDVE, 55-SHP22E
- 25-PDVP, 55-SHP15, 55-TRP15
- 25-PFS, 25-PFSP
- 25-PI, 55-SHP20, 55-TRP20

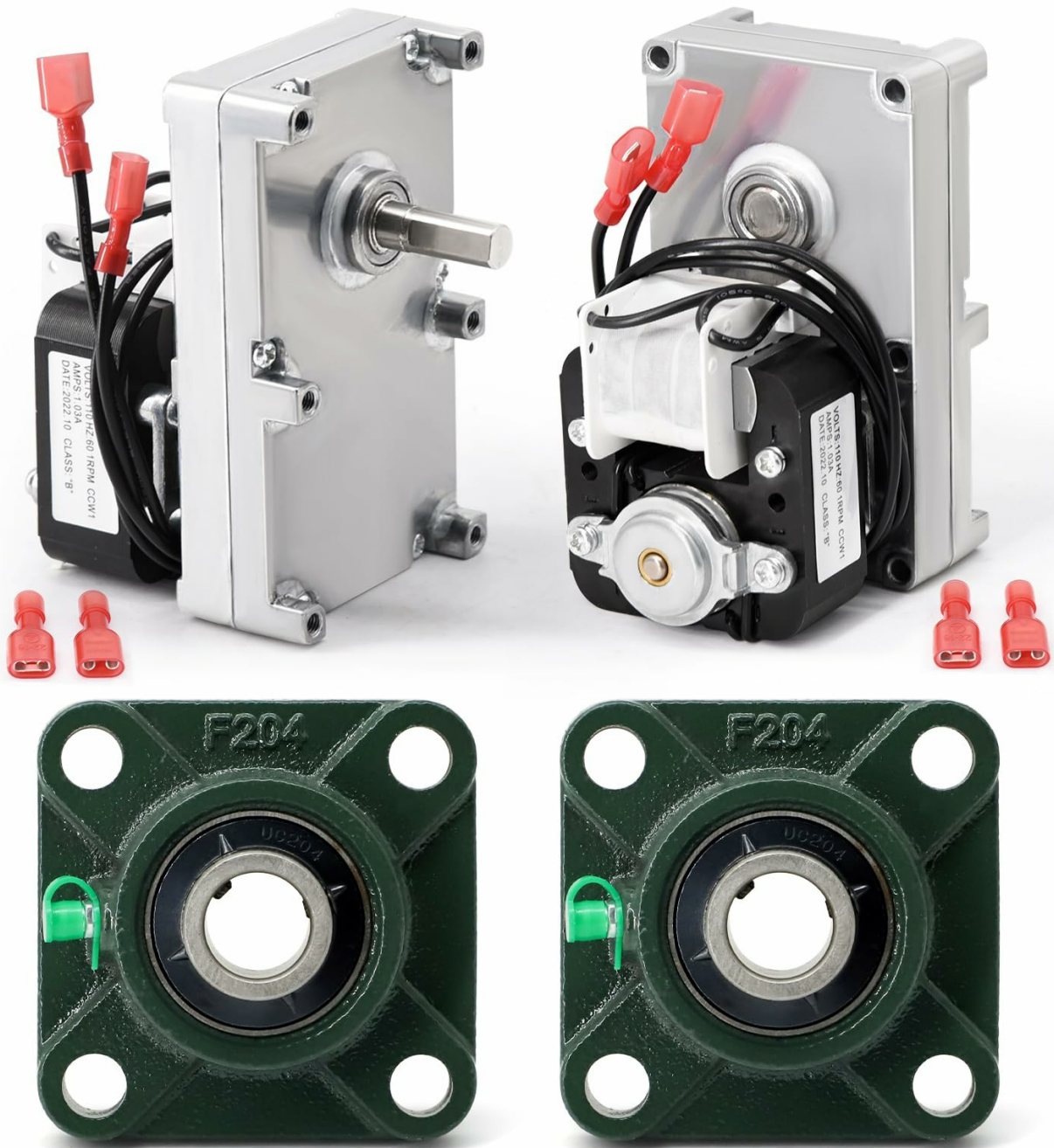


Image displaying various Englander pellet stove models compatible with these replacement parts, including 25-PDVC, 55-SHP10, 55-SHP10L, 55-TRP10, 25-PDV, 55-SHP22, and 55-TRP22.

## TECHNICAL SPECIFICATIONS

### PU-047040 Auger Motor

|                   |                                       |
|-------------------|---------------------------------------|
| <b>RPM</b>        | 1 RPM                                 |
| <b>Rotation</b>   | Counter-Clockwise (when facing shaft) |
| <b>Voltage</b>    | 110 V                                 |
| <b>Frequency</b>  | 60 HZ                                 |
| <b>Amperage</b>   | 1.03 Amps                             |
| <b>Shaft Size</b> | 3/8" Diameter x 1-1/8" Length         |

|                 |        |
|-----------------|--------|
| Length          | 3 3/8" |
| Width           | 3 3/8" |
| Height          | 1 1/4" |
| Collar Diameter | 3/4"   |

# Technical Specifications

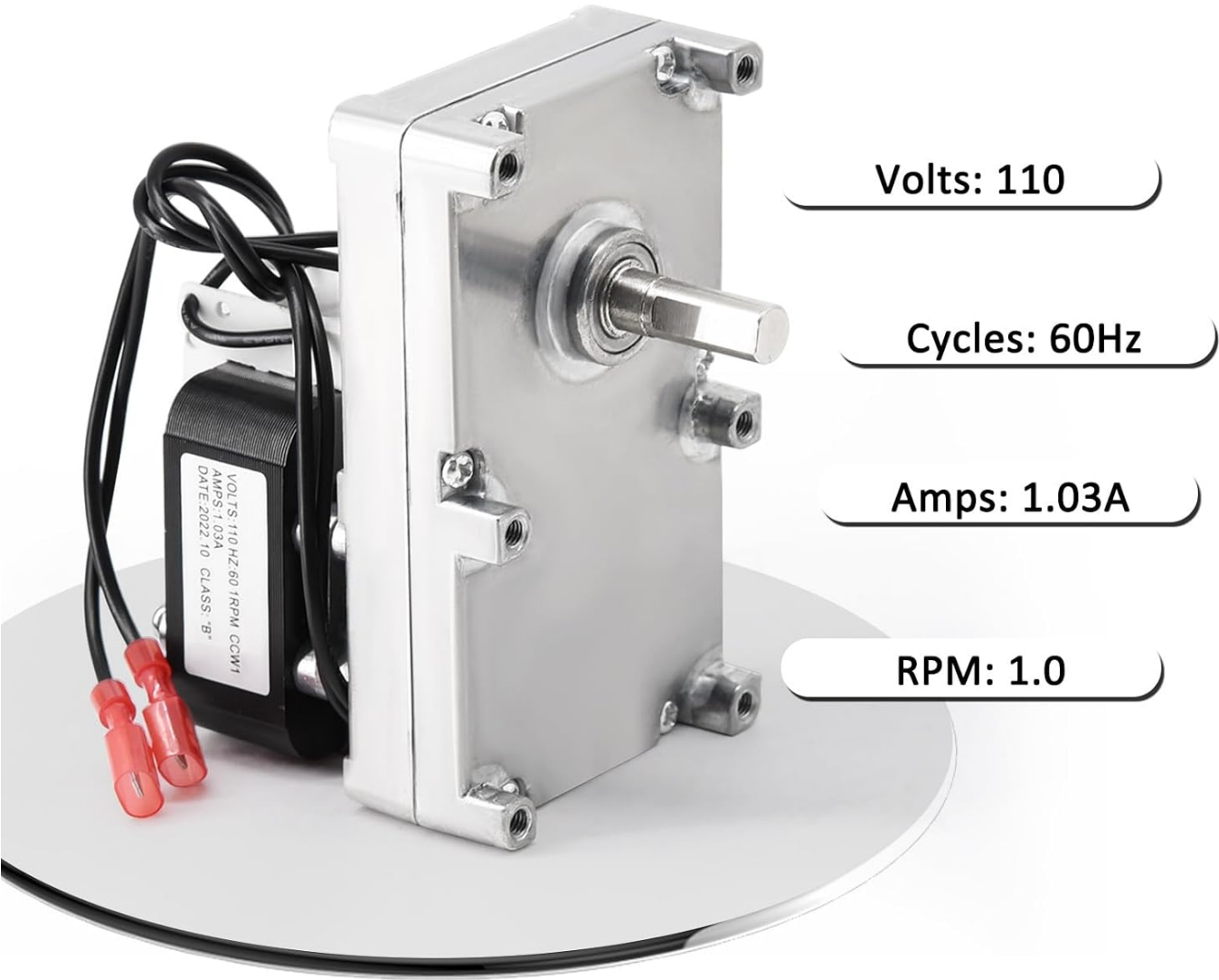


Image detailing the technical specifications of the auger motor, including voltage, cycles, amperage, and RPM.

## SETUP AND INSTALLATION

**Safety First:** Before attempting any installation or maintenance, ensure your pellet stove is completely powered off and unplugged from the electrical outlet. Allow the stove to cool down completely to prevent burns.

Replacing the auger motor and bearing requires basic mechanical skills. If you are unsure about any step, it is recommended to consult a qualified technician.

## General Installation Steps (Consult your stove's specific manual for detailed instructions):

1. Disconnect power to the pellet stove.
2. Locate the existing auger motor and bearing assembly. This typically involves removing access panels on your stove.
3. Carefully disconnect the wiring from the old auger motor. Note the connections for reassembly.
4. Remove the fasteners securing the old auger motor and bearing.
5. Install the new PU-UCF204-12 auger bearing. Ensure it is properly seated and secured.
6. Install the new PU-047040 auger motor, aligning the shaft with the auger. Secure the motor with appropriate fasteners.
7. Connect the new motor's wiring, ensuring correct polarity and secure connections. The motor operates with a counter-clockwise rotation when facing the shaft.
8. Replace all access panels.
9. Restore power to the stove and test for proper operation.

Your browser does not support the video tag.

Video demonstrating the PU-047040 auger motor, showing its design and features relevant to installation.

## CLOCKWISE Rotation (When Facing Shaft)



Image illustrating the counter-clockwise rotation of the auger motor shaft, important for correct installation.

### OPERATING INSTRUCTIONS

Once installed, the auger motor and bearing work in conjunction with your pellet stove's control system to feed pellets from the hopper into the burn pot. The 1 RPM counter-clockwise rotation of the auger motor ensures a steady and consistent delivery of fuel, which is crucial for maintaining an even burn and optimal heat output. No direct user interaction with these parts is required during normal operation.

### MAINTENANCE

The PU-UCF204-12 auger bearing features a grease fitting. Regular lubrication of this fitting is recommended to extend the life of the bearing and ensure smooth operation of the auger system. Consult your pellet stove's maintenance schedule for recommended lubrication intervals.

Periodically inspect the auger motor and bearing for any signs of wear, damage, or unusual noise. Keep the area around the motor and bearing clean from dust and debris.

# Bearing With Grease Fitting

These new style auger bearings have a grease fitting, which will prolong the life of the bearing and your auger motor.

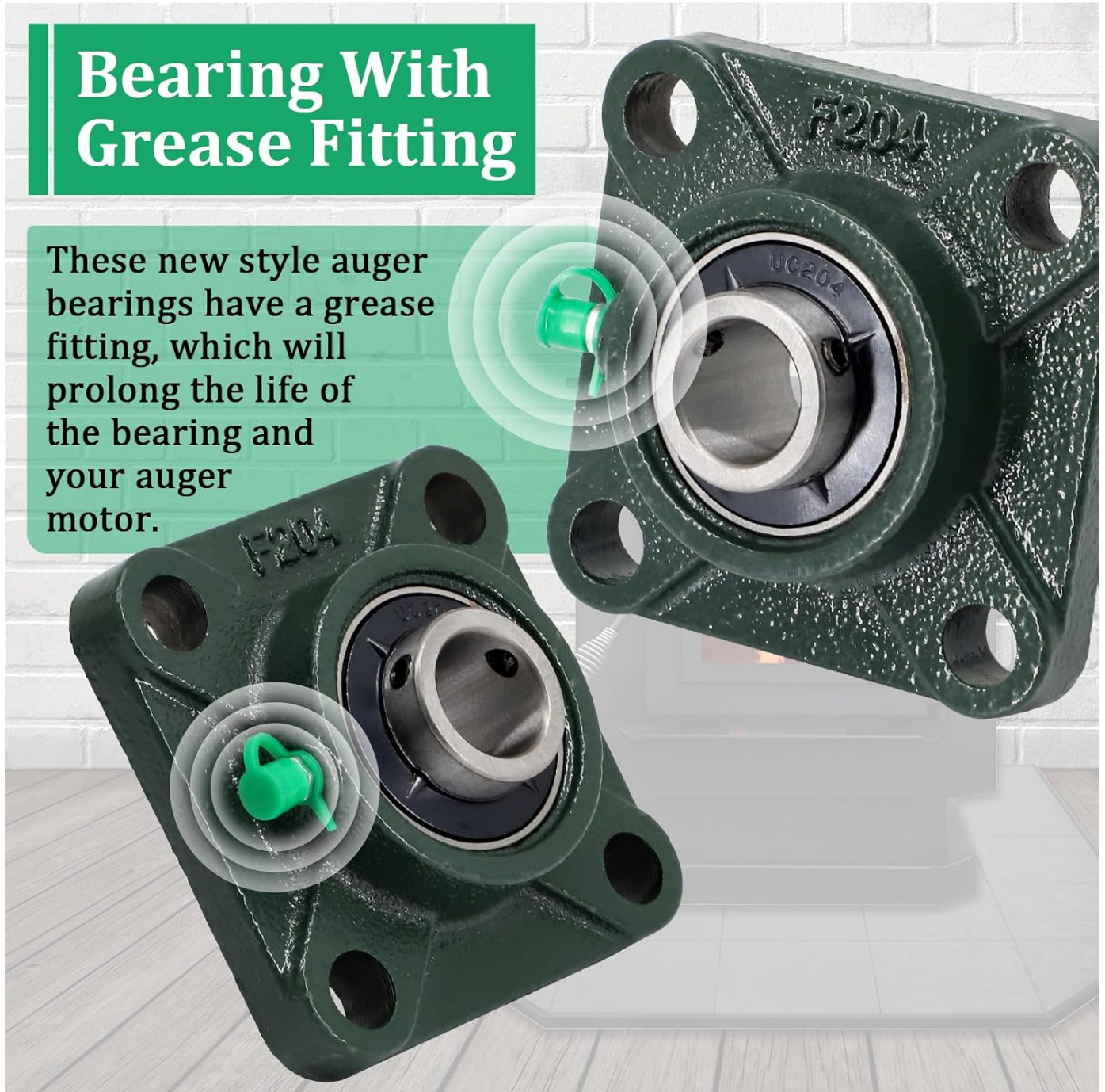


Image highlighting the new style auger bearing with a grease fitting, designed to prolong its lifespan and the auger motor's performance.

## TROUBLESHOOTING

### Auger Motor Not Turning or Jammed

- **Check Power:** Ensure the stove is receiving power and the motor's electrical connections are secure.
- **Obstruction:** Inspect the auger for any foreign objects or compacted pellets that might be causing a jam. Clear any obstructions carefully after disconnecting power.
- **Motor Failure:** If the motor receives power but does not turn, or makes unusual noises, it may indicate internal motor failure.

### Unusual Noises from Auger System

- **Bearing Lubrication:** If the bearing has a grease fitting, ensure it is adequately lubricated.
- **Worn Bearing:** A grinding or squealing noise might indicate a worn-out bearing.
- **Motor Issues:** Unusual noises can also stem from the motor itself, suggesting wear or damage.

For complex issues or if you are uncomfortable performing diagnostics, it is advisable to contact a certified pellet stove technician.

## WARRANTY AND SUPPORT

This Adviace product kit comes with a 1-year manufacturer replacement warranty. For any questions, technical assistance, or warranty claims, please contact Adviace customer support through the retailer where the product was purchased.

### 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.

Name

Anonymous

Email

you@example.com

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