

England's Stove Works, Inc.

Pellet, Corn, Gas and Wood Stoves

P.O. Box 206 Monroe, VA 24574

www.englishstoves.com

Phone: (800) 516-3636

Fax: (434) 929-4810

Replacing Your Auger Motor – Pellet Utility Furnace

**WARNING: STOVE MUST BE OUT (NO FIRE), COOLED DOWN,
AND UNPLUGGED BEFORE PROCEEDING.**

BE SURE THE HOPPER IS EMPTY OF PELLETS BEFORE YOU BEGIN.

WARNING: ELECTRICAL SHOCK CAN OCCUR IF UNIT IS NOT UNPLUGGED.

1. The first step is to remove the back access cover from your stove. Eight (8) $\frac{5}{16}$ " screws around the back must be removed.
2. After removing the back cover, find the two setscrews (Illustration 1) that hold the auger motor assembly and loosen them with a $\frac{1}{8}$ " Allen wrench. After loosening the setscrews, slide the auger motor assembly towards the back of the stove to remove it.
3. Remove the auger from the auger motor assembly by loosening the $\frac{1}{8}$ " Allen setscrew shown in Illustration 2.
4. Remove the 4 $\frac{5}{16}$ " screws shown in Illustration 3 and remove the Auger Mounting Plate, Auger Motor Bracket and Auger Tube Gasket shown in Illustration 4.
5. Remove the coupler by loosening the $\frac{1}{8}$ " Allen setscrew shown in Illustration 4.
6. Now that the auger motor is disassembled (Illustration 4), Reassemble the auger motor assembly with the new motor in reverse order. Flat side of shaft must align with coupler setscrew.
7. Next place the Auger Tube Gasket (3) followed by the Auger Motor Bracket (2). Next install the Auger Mounting Plate (1) and secure with 4 - $\frac{5}{16}$ " screws. See Illustration 4.
8. Insert the auger into the auger coupler and tighten $\frac{1}{8}$ " Allen setscrew.
9. Reinstall the motor assembly over the Auger Tube firmly seating the Auger Tube against the Auger Tube Gasket. Tighten the $\frac{1}{8}$ " Allen setscrews shown in Illustration 1.

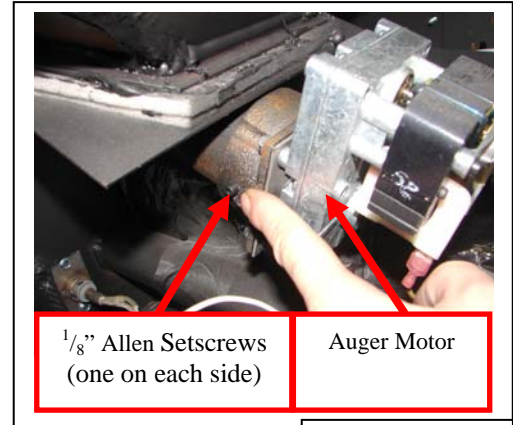


Illustration 1

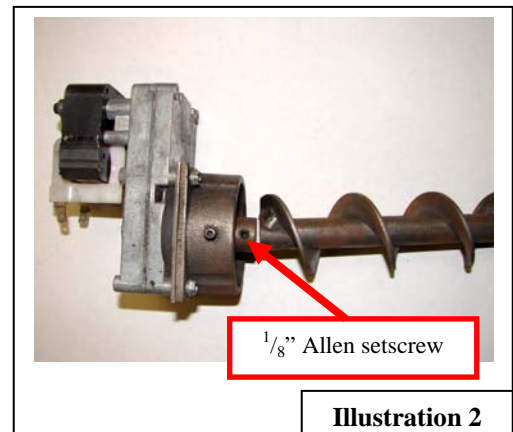


Illustration 2

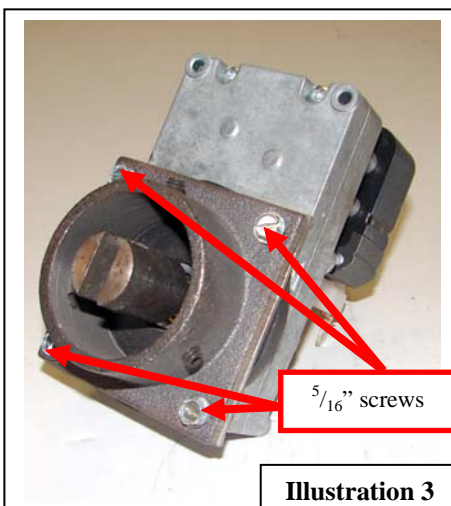


Illustration 3

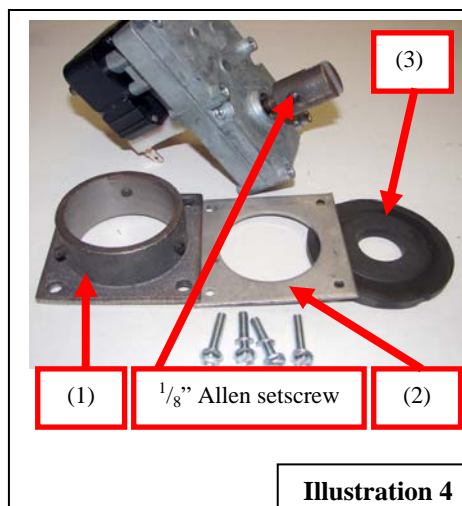


Illustration 4

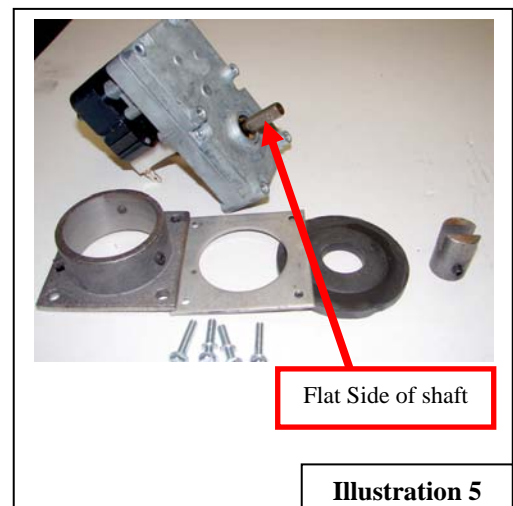


Illustration 5