

AUGER MOTOR BRACKET 1-10-677005

INSTALL INSTRUCTIONS

Replaces MPNs: 1-10-677005

Before Installing

- **ALWAYS** unplug the unit before beginning any work
 - Allow the unit to cool completely if recently used
 - Work in a well-lit area with proper tools
 - Ensure there are no pellets in the hopper assembly
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Installation Steps

1. Turn the stove off and unplug the unit.
2. Remove the rear access panel
3. Loosen the chain tensioner bolt.
4. Loosen the bolts holding the drive motor to the mounting bracket. This is only to allow the chain to move freely; **Do not completely remove these bolts or the motor yet.**
5. Loosen the set screw on the chain sprocket on the auger motor and remove the sprocket from the motor.
6. Remove the auger motor from the mounting bracket. You can disconnect the wires for easier installation. (Also remove the grommet and spacers if you have an older chain drive system with a reduction gear).
7. Remove the set screws holding the mounting bracket to the stove and remove the old mounting bracket.
 - Note: Early versions of this system used a different motor mount which did not have the tensioner mount and did not have a reinforced weld on the base inside of the bracket support. Those early systems also used a reduction gear to drive the chain, which was updated to a 1:1 gear ratio. This is the mount for that 1:1 system. If you are

replacing an earlier version of the bracket without the reinforced weld, replacement of the rest of the chain drive system may be necessary.

8. Install the new bracket to the stove in the same orientation as the original bracket.
9. Loosely reattach the motor onto the mounting bracket.
 - If you are upgrading the chain drive system from an older version, it is recommended NOT TO USE the old grommet and spacer when securing the motor to this mounting bracket. Instead, hard mount the motor to the bracket and forego the use of the grommets.
10. Reattach the sprocket to the motor and tighten the set screw on the sprocket to secure to the auger motor.
11. Loop the chain onto the sprockets.
12. Reposition the motor to give as much tension to the chain as possible. Secure the motor to the mounting plate by tightening the bolts.
13. Tighten the chain tensioner bolt.
14. Reattach the rear access panel.
15. Plug in the stove to test.

Post-Installation Check

- Verify all connections are secure
- Ensure all wiring is not in proximity of moving parts
- Test motor operation before closing panels
- Check for any unusual noises or vibrations

Support

If you encounter any issues during installation, consult your owner's manual or contact technical support via our [contact form](#).