

CHAIN SPROCKET KIT 1-00-06626

INSTALL INSTRUCTIONS

Replaces MPNs: 1-00-06626

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. Disconnect Power

- Ensure the unit is completely cooled down and drained of power.
- Unplug the stove from the powersource.

2. Access the Unit

Carefully remove the wiring access panel on the unit by removing the screws and setting them aside to access the feed assembly.

3. Disconnect Wiring

- Before disconnecting anything, take clear photos of all wiring connections from multiple angles. This is the single best way to avoid mistakes during reassembly.
- Label each connector with masking tape and a marker as you remove it.
- Unplug all feed motor wiring leads from the wiring harness.
 - **Note:** Always pull on the connector body, never on the wires themselves, pulling on wires can damage the connector or break the crimp.

4. Remove Old Chain & Sprocket Assembly

- Loosen and remove both the old white tensioner block and tensioner bolt from under the chain to create slack on the chain.
- Remove the old chain tensioner block from the tensioner bolt and keep the tensioner bolt safely to the side for later.
- Remove the old left-side sprocket from the feed motor by loosening the 1/8" allen key screw in the hub of the drive sprocket.
- Remove the old chain from the remaining sprocket.
- Remove the old right-side sprocket from the feed pusher arm assembly by removing the lock nut holding the sprocket in place.
- Remove the feed motor from the mounting bracket.
- Remove the 4 set screws holding the feed mounting bracket in place to free and remove the old mounting bracket. Take note of the orientation of the bracket before removal.

5. Install New Old Chain & Sprocket Assembly

- Install the new feed motor mounting bracket to the stove with the 4 set screws included. Ensure the bracket is oriented in the correct position before securing.
- Reinstall the feed motor to the new bracket.
 - The feed motor must be directly mounted to the bracket, DO NOT use the grommet and spacer to mount to the new bracket.
- Install the new right-side sprocket to the feed pusher arm assembly with the nut removed in Step 4.
 - On some models, the new sprockets will have a noticeable size difference compared to the original sprockets. This is a design revision to replace this older style sprocket system.
- Mesh and install the new chain to the teeth on the new right-side sprocket.
- Mesh and install the chain to the new left-side drive sprocket as you install the sprocket to the feed motor rod. Secure the sprocket by tightening the set screw.
- Install the new tensioner block to the tensioner bolt.

- Install the assembled chain tensioner to the stove with the chain sitting on the tensioner block. Proceed to adjust the chain tensioner by turning the bolt until the chain is taut.

6. Connect Wiring

- Using the reference photos and labels from Step 3, plug all feed motor wiring leads into the wiring harness.
 - The feed motor should connect to the wiring harness using the black and white wire leads.
- Ensure each connector is fully seated, you should feel or hear it click into place. A loose connection is the most common cause of post-installation issues.

7. Connect Power

- Install the rear access panel removed in Step 2.
- Plug the stove's power cord into the power source.
- Your new scraper rod is installed and ready to use.

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.