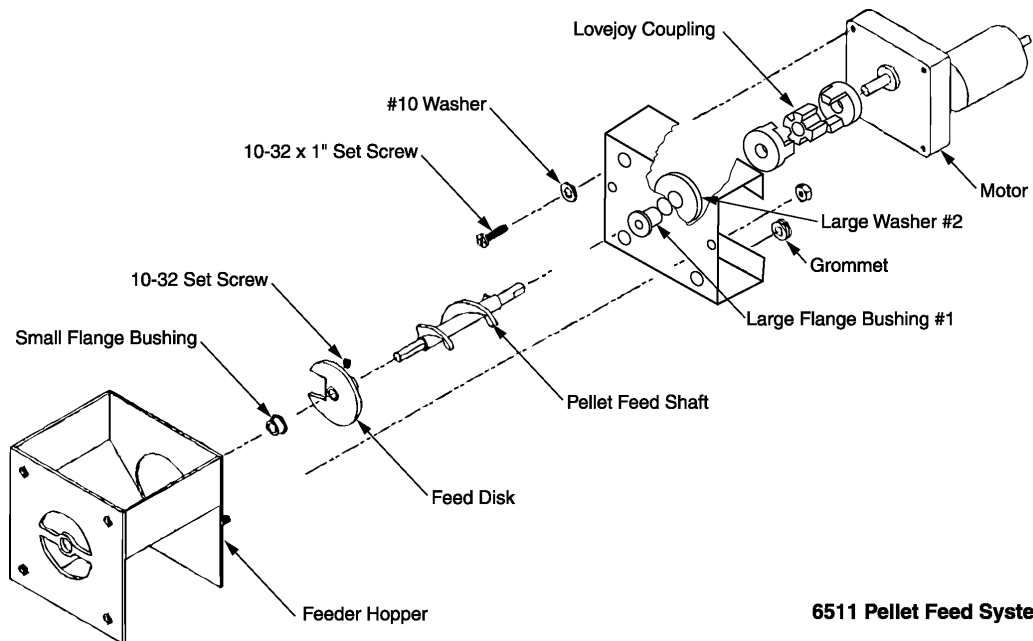


# Thelin Hearth Products

## How To Replace the Feed Bucket in the Parlour & Gnome Pellet Stove



**6511 Pellet Feed System**

# How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

## Step 1

**CAUTION: Unplug power cord prior to performing any service on stove. Ensure stove has cooled down.**

### Empty Hopper and Feed Bucket of pellets

Locate Switch Panel on stove. When facing the front of the stove the Switch Panel is located on the right hand side.



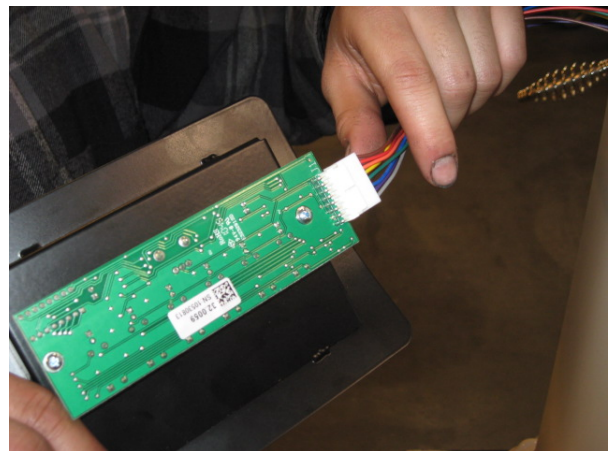
## Step 2

Remove (2) black 8-32 phillips pan head screws.



## Step 3

Carefully lift Switch Panel out of Wrapper and unplug connector.



## How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

### Step 4

Apply masking tape to Bottom Ring below the front of the Wrapper (both sides). This will protect the Bottom Ring from scratches while the Wrapper is removed.



### Step 5

Apply masking tape to Bottom Ring below the front of the Wrapper (both sides). This will protect the Bottom Ring from scratches while the Wrapper is removed.



### Step 6

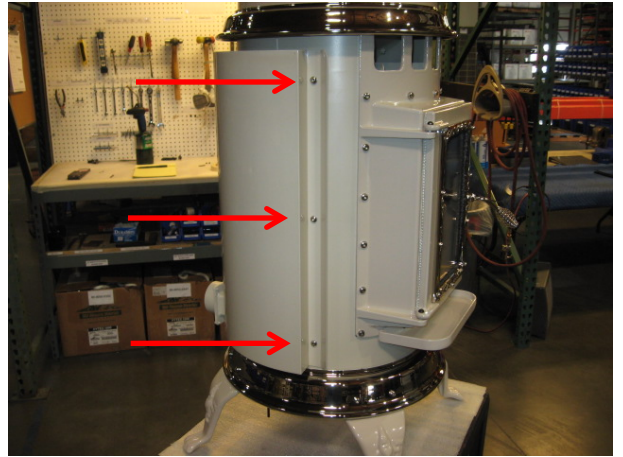
Place a rag over the Exhaust Port in the back of the stove. This will protect the Wrapper when removing the Wrapper.



# How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

## Step 7

Locate the (6) T30 Torx screws on the left and right hand side of the Wrapper.



## Step 8

Locate the (6) T30 Torx screws on the left and right hand side of the Wrapper.



## Step 9

Carefully remove all (6) T30 Torx screws with a T30 driver.

\*Note: when replacing the Wrapper, the stainless steel washer goes between the screw head and the Wrapper. The mica washer goes between the Wrapper and the stove.





## How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

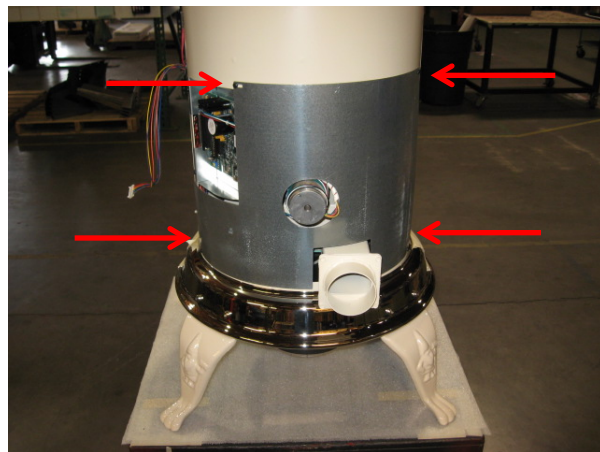
### Step 10

Carefully remove the Wrapper from the stove.



### Step 11

Locate the (4) 8-32 black philips pan head screws on Rear Inspection Cover.



### Step 12

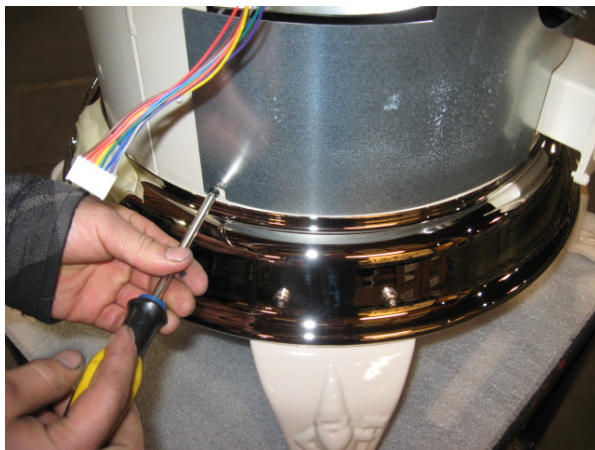
Remove top (2) 8-32 black philips pan head screws from Rear Inspection Cover.



## How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

### Step 13

Loosen, but do not remove, the bottom (2) 8-32 black philips pan head screws on the Rear Inspection Cover.



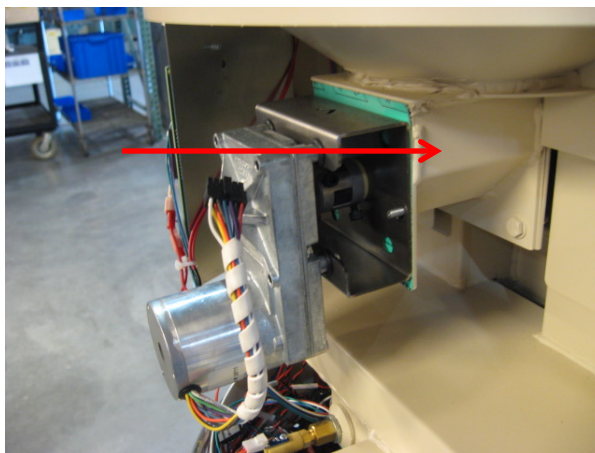
### Step 14

Remove Rear Inspection Cover.



### Step 15

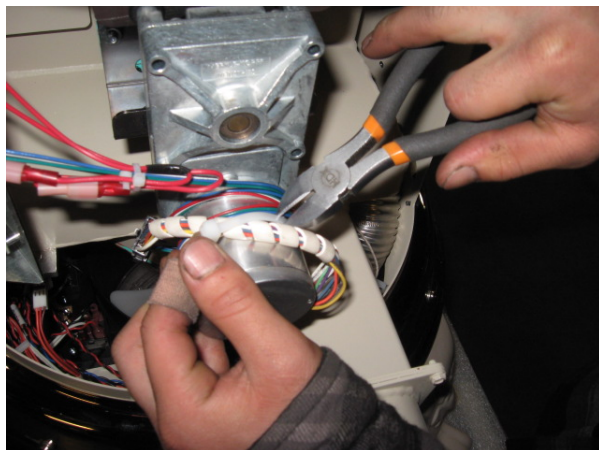
Locate the Feed Bucket.



## How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

### Step 16

Clip zip tie holding feed wires together.



### Step 17

Unplug Feed Motor wire from wiring harness.



### Step 18

Remove (2) 10-32 hex nuts holding Feed Motor assembly to stove using a 3/8" socket with 6" extension.

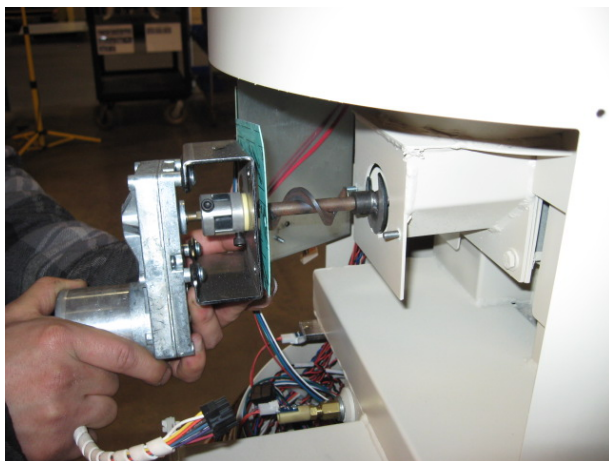




## How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

### Step 19

Remove Feed Motor assembly from stove.



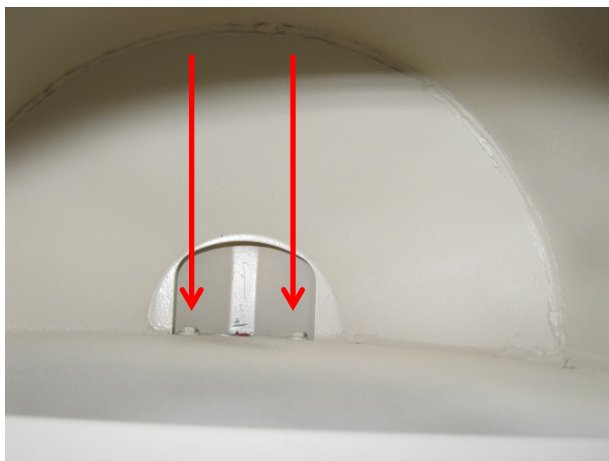
### Step 20

Remove bottom (2) ¼-20x1 hex bolts and washers using a 7/16" socket.



### Step 21

Open Hopper Lid and remove top (2) ¼-20x1 hex bolts and washers using a 7/16" socket.





## How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

### Step 22

Cut caulk seal with razor knife



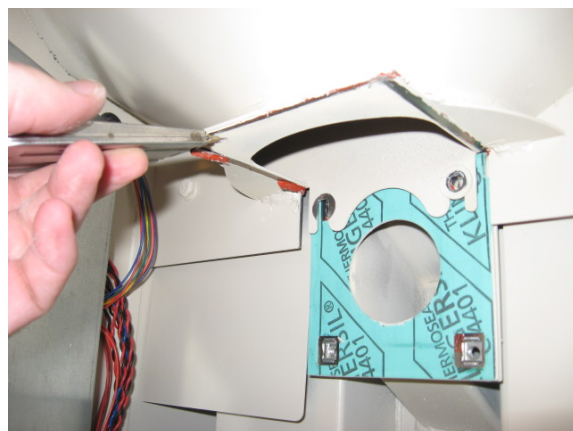
### Step 23

Remove Feed Bucket.



### Step 24

Scrape off excess caulk from Hopper.

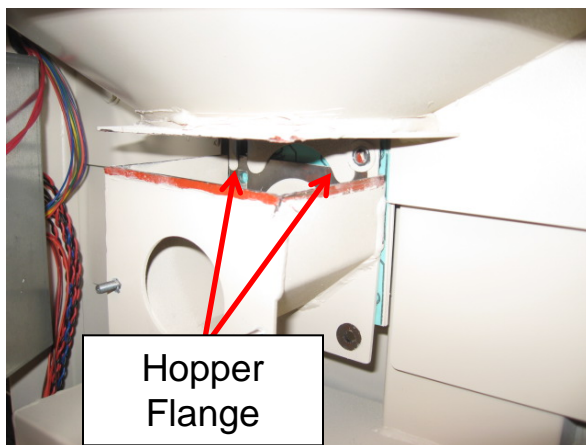


## How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

### Step 25

Install new Feed Bucket.

**NOTE: Hopper Flange should slide INSIDE of Feed Bucket. Failure to do so while installing will result in inadequate seal.**



### Step 26

Install bottom (2) ¼-20x1 hex bolts and washers, hand tighten only.



### Step 27

Install top (2) ¼-20x1 hex bolts and washers. Tighten all the way.



## How to Replace the Feed Bucket in the Parlour & Gnome Pellet Stove

### Step 28

Fully tighten bottom (2) ¼-20x1 hex bolts and washers.



### Step 29

Re-caulk top three sides of Feed Bucket using high temp silicone sealant.

Reassembly stove in reverse order of disassembly.

