

Burner Mat Replacement

Applies to models:

Toyotomi Laser Heaters: L-73

Toyostove Laser Heaters: L-730, L-731, L-732

Tools

1. Philips screwdriver, 6"
2. Philips screwdriver, 18"
3. Electric Drill
4. Drill Brush
5. Vacuum Cleaner
6. Rags
7. Pliers
8. Scraper
9. Brush, ½"
10. Safety Glasses
11. Particle Mask

Parts

Joint Packing gasket: (55,56,72,73) 20474992

Fuel Nozzle gasket: (55,56,72,73) 20478383

Burner Mat: (55,56) 20474113, (72) 20475813, (73) 20478613

WARNING

Rural Energy Enterprises, Inc. does not accept liability for the improper use of this information. Installation, service, and maintenance of heating equipment should be performed by a qualified technician. Improper installation, adjustment, alteration, service, or maintenance can cause property damage, personal injury, or loss of life.

1. Remove Heat Exchanger. Inspect for cracks. Clean with hot water and cleaner.
2. Remove Heat Element Assembly. Inspect for cracks. Clean. Save gaskets by carefully sliding gaskets onto a piece of cardboard.
3. Remove Burner Ring (turn counterclockwise).
4. Remove Flame Rod, Igniter, and Fuel Nozzle.
5. If Igniter is stuck, remove Burner Assembly.
 - Place upside down in a well-ventilated area.
 - Heat the metal collar with a propane torch.
 - When the carbon begins to smoke, carefully grab the igniter ceramic collar with pliers and gently rotate. Continue rotating until the igniter works free. If the igniter sticks, let the unit cool and repeat the process. This method works about 9 times out of 10.
6. Vacuum bottom of the Burner Assembly.
7. Drill Brush bottom of Assembly and vacuum dust particles at the same time.
8. Remove all carbon and glue.
9. Clean all holes in burner pot with appropriate size drill bit connected to needle-nose locking pliers. Very important step.
10. Wipe clean and inspect for cracks.
11. Remove Mat from package.

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