

Griswold Model 401 Hot Plate

Restoration

June 2009

Procurement

- Purchased on Ebay on 06/07/2009 and received via Fedex on June 12.



Inspection & disassembly

- Several pictures, before, during and after disassembly.
- All screws, except one came out easily.
- Minimal rust and quite a bit of factory paint was still present.
- Star burner and adjustable valve with wooden handle.













Cleaning (Electrolysis)

- Parts cleaned by electrolysis were the legs, grill and Star Burner.
- After electrolysis each part was taken down to bare metal using a soft wire brush then cleaned for painting with paint thinner.







Finishing

After wiping down with Mineral Spirits to remove all dust, both the 4 legs and grill were given 2 coats of High Temp Rust-oleum Black Semi-Gloss, the burner 2 coats of Dupli-Color Aluminum Engine Enamel, and the air vent 2 coats of Valspar Hi Gloss Clear Lacquer. The black wooden handle was sanded with 600 grit sandpaper then given 2 coats of black, Semi-Gloss paint.











Reassembly of Body

- Body is reassembled to legs and burner using 6, “Hillman”, 10-24 X $\frac{3}{4}$ SS machine, oval head phillips screws, 6, Item #11932, 10-24 SS square nuts and 4, Item #2946 #10 SS flat washers. Screws were purchased from Lowes, the nuts and washers were purchased from www.boltdepot.com. The “Gunk” Plumber’s Silicone Grease was also purchased at Lowes.
- Now that it’s done I think I’ll repaint it with a gloss black. I think the extra shine would make it look better.

Griswold 401





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