

Collecting and Shooting the Military Surplus Rifle



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Tennessee Gun



*Low and Constant Heat:
Cosmoline Removal Part 2
One Big Easy
Bake Garbage Can:
An Addendum by John King*

Article Written by: [John King](#)

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A Series of Articles on Cosmoline Removal by Heat

[Low and Constant Heat: Cosmoline Removal: Part 1 by Tom Boucher](#)

[Low and Constant Heat: Cosmoline Removal Part 2 - One Big Easy Bake Garbage Can by Jamie Mangrum](#)

[Low and Constant Heat: Cosmoline Removal Part 2 - One Big Easy Bake Garbage Can: An Addendum by R. Ted Jeo](#)

[Low and Constant Heat: Cosmoline Removal Part 2 - One Big Easy Bake Garbage Can: An Addendum by John King](#)

I have taken the idea that was used on Surplusrifle.com and I think made it easier to build. It cost about \$10.00 more than the original but I feel that the design and ease of assembly are well worth the extra cost. Below are a few picture of what you will need to make your own. as well as very easy to follow instructions and pictures of the finished project. I have also included a price break down.

figure 1



30 Gallon galvanized can with lid: The body of the cosmo cooker

figure 2



The inner workings of the cosmo cooker.



This shows the 8-32 screws and nuts and the cord and grommet

Now the instructions. In the bottom of the can mark and drill two 11/64 holes for the 8-32 screws. Also in the bottom of the can drill a 1/2 hole directly in the center and insert the rubber grommet run your extension cord through this hole and into the electrical box give yourself enough slack that you can do your wiring outside of the can.

Mount the electrical box to the inside of the can using the two 8-3 screws and nuts. Attached the black wire to the brass colored screw of the lamp holder and the white wire to the silver screw of the lamp holder. attach the green wire to the electrical box. Pull the slack back through the bottom of the can and attach the lamp holder to the electrical box.

Now with the can laying on the work bench with one handle on the left and one on the right drill a 3/8 hole in the top of the can and insert the temperature gauge and tighten down the nut.



The top mounted temperature gauge.



Inside view of the cosmo cooker in action.

QUANTITY	PART	PRICE
1	30 Gallon trash can with lid	\$15.00
1	13 7/8 x 24" grill grid	\$11.00
1	Grill Temperature Gauge	\$7.00
1	15' 16 Gauge 3 wire Extension Cord	\$6.00
1	250 Watt Heat Lamp (Bulb)	\$7.00
1	Keyless Porcelain Lamp holder	\$2.00
1	5" Round Metal Electrical Box	\$3.00
2	8-32 x 1" screws and nuts	\$1.00
1	3/8 inside diameter rubber grommet	\$1.00
3	Electrical Connector	\$1.00

1	Bungie Cord	\$1.00
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Total build cost include tax: \$55.00

Total Build Time 45 Minutes

Now in the inside of the can insert the heat lamp into the lamp holder and put in the grill grid. TO MAKE CLEAN UP EASY LINE BOTTOM OF THE CAN WITH ALUMINUM FOIL. put on the lid and attach the bungee cord (Not pictured) from one handle to the other this will make a tight seal for your cooker.

Now go get some nasty cosmoline covered parts and put them into your cooker and plug it in.

The inside temperature of your cooker will be 150-175 Degrees so handle the parts with care when removing them.

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