

Troop 82 Patrol Quartermaster Guide



Table of Contents

Summary – Expectations and Responsibilities	-	2 – 3
Patrol Equipment Procedure	-	4 – 5
Box and Table Transportation	-	5
Cleaning	-	6
List of Equipment	-	7
Patrol Quartermaster Roster	-	8
Packing the Patrol Box	-	9 – 16
Stove Mat – Purpose and Cleaning	-	17 - 20
Utensil Roll Cleaning	-	21
Patrol Box Cleaning	-	22 – 25
Deep Cleaning	-	26 – 35
Stove Maintenance	-	36

Summary

- The Patrol Quartermaster role is intended to teach the Scout how to take care of the equipment that he and his fellow Scouts use for his entire leadership assignment (half year or full year), and show leadership in a role where his fellow Scouts depend on him and his hard work. He has spent two years using the equipment- **now he is responsible for it.**

Parents:

- **Please don't do the routine work for him.**
- **Step in only when you need to.**
- **He is in this position because the CSM knows he can handle it**
- **He can do this!**
 - Quartermasters that clean dirty pots and grease teach his fellow Scouts, with newfound interest, how to not burn dinner and how to cook cleanly.

- **An important part of this role is punctuality.** Early is on time, and on time is late- but now people depend on him. The Patrol Quartermaster is in charge of his patrol's equipment, which affects each Scout in their patrol, the CSM's and ASM's, the Troop Quartermaster Team and the overall schedule on a campout. If the equipment is late or does not arrive, a lot of people are affected. If it's not ready to be picked up Sunday morning on time, Scouts and adults will be late for church- delaying dismissal.
- **There is an important aspect of responsibility for the Scout that is very specific to this role.** The Troop keeps an accurate record of the contents of the patrol box at the beginning of the year. By the October campout, the Scout and parents have had a chance to dive into the box and inspect its contents, and the Troop has replaced what is missing or needs to be replaced per its record.

THEN the ***Patrol Quartermaster*** is responsible for replacements and missing equipment at the end of the year. The Troop will provide a price list of the patrol box contents. The most important point is don't lose equipment. Please check the box inventory. Everyone gets a complete and clean box to start the year with, ***in theory***. Last year's QM for your patrol may have had different cleaning standards.

- The Troop buys equipment at wholesale prices to minimize cost and provide uniformity in equipment across the Troop. Please reach out to the Troop Quartermaster if you have a problem with equipment you have received, or have determined that you need to have an item replaced (via e-mail is preferred):

- **2024 – 2025 Troop Quartermaster**
- **Jonathan Neubauer**
- **Cell: 214-808-6818**
- **jNeubauer@VACorp.com**
- **Please include “Troop 82 Patrol E – Rattlesnake QM” in the Subject Line (replace “E – Rattlesnake” with your company / patrol of course.) This really helps being able to manage e-mails with 23 patrols.**

- **Equipment does get damaged, it's a part of camping with young men that are learning.** The Troop is simply expecting a reasonable effort to maintain the equipment, not lose equipment, keep it clean, and have your Scout learn how to maintain the equipment that his own patrol uses every campout.

- **The Patrol Quartermaster, not the Troop, is responsible for Consumables on the Inventory List.** When it is time for the patrol to go to the store, the Quartermaster needs to tell whomever is going to the store for the patrol what to buy. The money given to the Patrol Leader the Monday before the campout is in part to be used to replenish consumables, **it's not the financial responsibility of the Patrol Quartermaster** to do that. If you are missing a lot, please let the CSM know so they can instruct the patrol to collect enough money to cover the expense.
 - Spices
 - Matches / Lighter
 - Paper Towels - Bounty Select a Size works well
 - Aluminum Foil
 - Trash Bags –3 mil Heavy Duty bags from Lowe's work well
 - Ziplock Bags
 - Cooking Oil - Crisco 16oz Vegetable Oil
 - Non-Stick Spray - Pam 5oz Butter Flavor
 - Plain Steel Wool
 - Spicy Montreal's Seasoning
 - Montreal's Steak Seasoning
 - Paper Plates per the Patrol and CSM's preference
- **The equipment fits well in the box.** A guide to packing the box is part of this guide. The idea is to be able to identify when something is missing easily. And if it's a mess and the top can't close, you probably need to repack.
- **All equipment is uncoated and specifically purchased so it's hard to be damaged when cooking or cleaning.** There is no Teflon or ceramic coating to worry about. It is restaurant grade equipment, and the implication is use what professional cooks use, learn how to not burn food because cleaning a burnt pot is a real big hassle, and cleaning a burnt pot is something that makes you be a more aware cook going forward. Also- burnt food doesn't taste good! **Burnt equipment does need to be cleaned.**
- The only caveat that will be repeated in the hard cleaning section is the aluminum pots and skillet can be scratched deeply easily. Deep scratches make it harder to clean and easier to get scorching and burnt bottom of pans. The stainless-steel griddle is much more forgiving for more aggressive cleaning.
- **Power-washing is advised.** The table, outside of the box and inside of an empty box can be power washed. James (my Son) was a Patrol Quartermaster last year and we will have the power washer out Sunday afternoon to clean all of our own equipment (pending weather- we're not doing that if it's cold).
- Nemo's Hand Car Wash at I-75 and McCommas is a convenient option if you don't have a power washer.
- If you need help with this, please reach out to the Troop Quartermaster.

Troop 82 Patrol Equipment Procedure

We have highlighted 5 important points for emphasis to focus on.

- **The Troop Quartermasters pull the boxes and tables out of storage before the first campout**
 - The boxes and tables are checked out of Troop storage for the Fall and Spring semesters.
- **The Troop QM Team inventories and replaces lost, broken or damaged equipment in them before the first campout**
 - All of the boxes are equipped the exact same, unless an item has changed brand or something is discontinued
- **The Patrol Quartermaster Scout will then be in charge of the box until it is time to turn it back in at the end of the Scout's QM tenure**
 - He checks the patrol box and table out from the Troop on the first campout
 - **He needs to clean it promptly and thoroughly after each campout**
 - He needs to not lose equipment on the campout or at home
 - He needs to refill consumable items before the next campout, or communicate with the person shopping for the patrol what is needed
 - Replacement items should be reimbursed with the money collected for the campouts by each patrol
- **On Campout ARRIVAL after the first campout at DROPOFF, boxes and tables need to be dropped off at the flatbed trailers at the entrance to the campout on time**
 - The Troop QM Team will deliver all 23 boxes and tables to their respective campsites, minimizing auto traffic thru camp
 - **Please don't take the box and table in your car to the campsite – this is how we make sure all 23 patrol boxes and tables are present and on time.**
 - **The Patrol Quartermaster is responsible for getting the patrol box to and from EACH CAMPOUT, on time, until the end of his tenure as Patrol Quartermaster.** If the Patrol Quartermaster is not able to attend a campout for some reason it will be his responsibility to figure out a way to get it there, on time.
 - **Every patrol must have a patrol box and table at each campout, on time, or you may not get credit for your leadership role.**
 - The emphasis with “on time” is deliberate- all of the other Scouts depend on this equipment, the Troop has a tight schedule for the Troop Quartermaster Team to follow, and it’s part of the role to be punctual and set an example for fellow Scouts.
- **On Campout EXIT, we need to put all boxes and tables from the Company on flatbeds to take to the exit, where parents can then load them into their vehicle**
 - The Troop QM Team needs to count 23 patrol boxes and 23 tables on the flatbed before we leave the company campsites

- We will line them up for you to pick up at the exit, the boxes and tables are now numbered, so finding your box and table will be easy.
- Without this our team inevitably ends up taking back someone else's equipment, and then we have to sort it out in Dallas after the fact- or some parent may need to drive back to the campsite (true story).
- Sunday morning can be a scramble getting the boxes all packed up in time for the trailers to pick them up. This is part of the process and learning the process: staying on schedule and being ready for loading onto the trailer. **The trailers, just like the trains, run on time.**
- **Sunday morning, we will make 2 passes with a flatbed, 15 minutes apart so we get all the boxes and tables in time for the church service. When you see the flatbed coming around the first time and YOUR box is not packed- it's time to hustle so no one is late for church, you will have about 10 or 15 minutes until the final pass.**
- Part of the Patrol Quartermaster role is lugging around the box and table. It sends mixed messages when some of the boxes go into cars at the campsite instead of the flatbed, and it makes our job of making sure everything is accounted for more difficult. **This is an important exercise in learning how to be organized and operate as a team and individual at the same time.**

- **If your company switches Patrol Quartermasters over the Break, the handoff will occur on the January Campout. You will bring the box and table to the campout, and the new QM will take it home**
- **At the end of your Patrol Quartermaster tenure, you will turn it back into the Troop**
 - Box and table are inventoried by the Troop QM Team, and checked into Troop storage for the summer. We normally do this on an afternoon a week or two after the last campout in patrols
 - The patrol (or Patrol QM, which can collect from his fellow Scouts) is responsible for paying for missing equipment

Box Transportation

Transportation of the box to and from campouts, and storage when not on campouts is the sole responsibility of the Patrol Quartermaster. If you have a challenge with box transportation, contact the Troop Quartermaster.

Patrol Quartermasters: Please don't surprise us or other volunteer Dads with unclaimed equipment, or make us wait at the campsite Sunday morning trying to figure out if someone forgot their box, or figure out who is going to be taking it. *We want to get home too.*

Parents: It's your son's box and table for the entire assignment, and he is responsible for getting it to and from the campsite.

PLEASE LABEL EVERYTHING THAT GOES ON THE TRAILER – ESPECIALLY COOLERS AND GROCERY BAGS WITH THE COMPANY & PATROL

You are welcome to put coolers on the trailer, but that's your responsibility at drop off and pickup.

Please label everything!

Cleaning

- **It is highly recommended to immediately run every piece of cookware thru the dishwasher right when you get home from the campout.** When it festers for a couple days or weeks, *it turns into a huge mess- we have seen how bad it can get.* Then in the following couple days or the following weekend you can go back and address deep cleaning and repacking if you can't get it all done on Sunday.

Parents: When our Scouts are learning, cleanup can unfortunately turn into a multi-step process and can be hard. Please be patient with your Patrol Quartermasters and let them do it, this a huge learning experience that will give them lifelong skills that are *really valuable in independent life*. Please avoid the temptation to just buy new replacement equipment- short of really damaged equipment, everything in the box can be cleaned – as we show in the deep cleaning section.

- ***Please don't repack anything wet.***

We cannot overemphasize this point- any single item that is wet in the tightly sealed patrol box, sitting in the garage for a month, will turn into a huge mess with mold on everything. It is a nightmare to clean up a mold problem.



After the last campout is the most important cleaning because they sit in storage for months, and it easily stays in triple digits in there for weeks at a time, so if it's not clean and dry and there is food left in the box, it can get pretty gross for your patrol next year. Your patrol gets the same box every year!

Equipment List

Patrol Box

Patrol Box – Eddy Out Aluminum Dry Box
Stove - Basecamp F235830
Stove Mat Heat and Grease Shield - Kodiak Canvas 1701607
Table - 23Zero Folding Camp Table
Skillet - Qualite HER-10FP / RMS-2/4 Handle Cover
Pot (Small) - 1.5 Qt. H3-TSP1 / RMS-1/4 Handle Cover
Pot (Medium) - 4 Qt. - H3-TSP4 / RMS-2/4 Handle Cover
Pot (Large) - 5 Qt. - H3-TSP5 / RMS-2/4 Handle Cover
Pot (XL) - Replaces Mixing Bowl - 7 Qt. - H3-TSP7
Griddle - Sizzle-Q SQ180
Soft Mixing Spatula - 59629-HHS-14
Scraping Hamburger Spatula - Dexter-Russell 19713H
Long Handle Flexible Spatula - New Star 38200
Large Knife - Dexter-Russell 12433 Sani-Safe 10" Chef Knife
Paring Knife - Dexter-Russell 15303 Sani-Safe 3 1/4" Cook's Style Paring Knife
Utencil Roll - Chef's Knife Roll Bag, Up To 18.8"
Serving Spoon - Qualite DSO-15 15" Stainless Basting Spoon
Stainless Deep Fryer Strainer - Qualite BFSM-850
Tongs - 16" Gripper - UPS 66312836512
Cutting Board - 59629-HDCB-1218-WH
Can Opener - Restaurant Depot 92415R
Vegetable Peeler - Restaurant Depot 60763
(2) Hot Gloves - Outset F232 Leather Grill Mitt
Cheese Grater - Item 50865
Measuring Spoons - Winco #MSPD-4X
Measuring Cup - Thunder 1pt
Small Mixing Bowl - Choice 3qt Stainless
Large Tub - IRIS USA 6 Pack 19qt WEATHERPRO Airtight Bin
Small Spice Box - YORY box tub (4L / 16 cups)

Spring 2025 Patrol Quartermasters

Company A

- Bobcat – Cole Cameron
- Fox - Wolfe Cecere
- Hawk – Jack Clifton
- Tiger – Liam Lester
- Wolverine – Jack Thomas-Cecere

Company B

- Antelope – Doug Owen
- Bear – Nicholas Fontenot
- Shark – Thornton Ritchey
- Wolf – Tyler Pyle
- Coyote – Maddox Mannetti

Company C

- Falcon – Reid Miller
- Gator – William Sargent
- Owl – Wilson Wagner
- Scorpion – Mason Friend

Company D

- Buffalo – Houston Newbold (Fall) / Edward Crawford (Spring)
- Panther – Pierce Kingsbury (Fall) / Hunt Hillman (Spring)
- Spartan – Wyatt Chilian (Fall) / Winn Jackson (Spring)
- Viking – Douglas Cooper (Fall) / Liam Wilson (Spring)

Company E

- Beaver – George Baker (Fall) / Liam Roslund (Spring)
- Cobra – Christopher Crump (Fall) / Nicholas Crump (Spring)
- Eagle – Hayden Earnst (Fall) / Cam Hefner (Spring)
- Ram – Roman LaCrosse (Fall) / Liam Baghai (Spring)
- Rattlesnake – Bradley Coussens (Fall) / Alec Rojas (Spring)

Packing the box after cleaning all of the equipment

- Everything fits nicely when you pack it in a certain order
- Run everything thru the dishwasher right when you get home
- Put the griddle in the dishwasher upside down so cleaning water does not accumulate in the grease trap; and the cutting board might need some scrubbing to get ashes off of it:



Griddle:



Cutting Board:



Camp Stove:



Four Pots, Skillet, Stainless Strainer- largest pot replaced the large mixing bowl:



Four Pots, Skillet, Stainless Strainer:



Long handle spatula fits in front of the pots, small mixing bowl and measuring cup go behind:



We like the Heavy Duty trash bags from Lowe's, they fit next to the pots and measuring cup:



Stove Mat:



(2) Leather hot gloves:



All of the utensils go in the utensil roll except for the long spatula:



Utensil Roll:



Utensil Roll:



Spice box, paper plates on left:



Tub on the right (includes steel wool, measuring spoons, zip lock bags, foil, paper towels, lighters and miscellaneous items). New tubs are strong enough to sit on the lid:



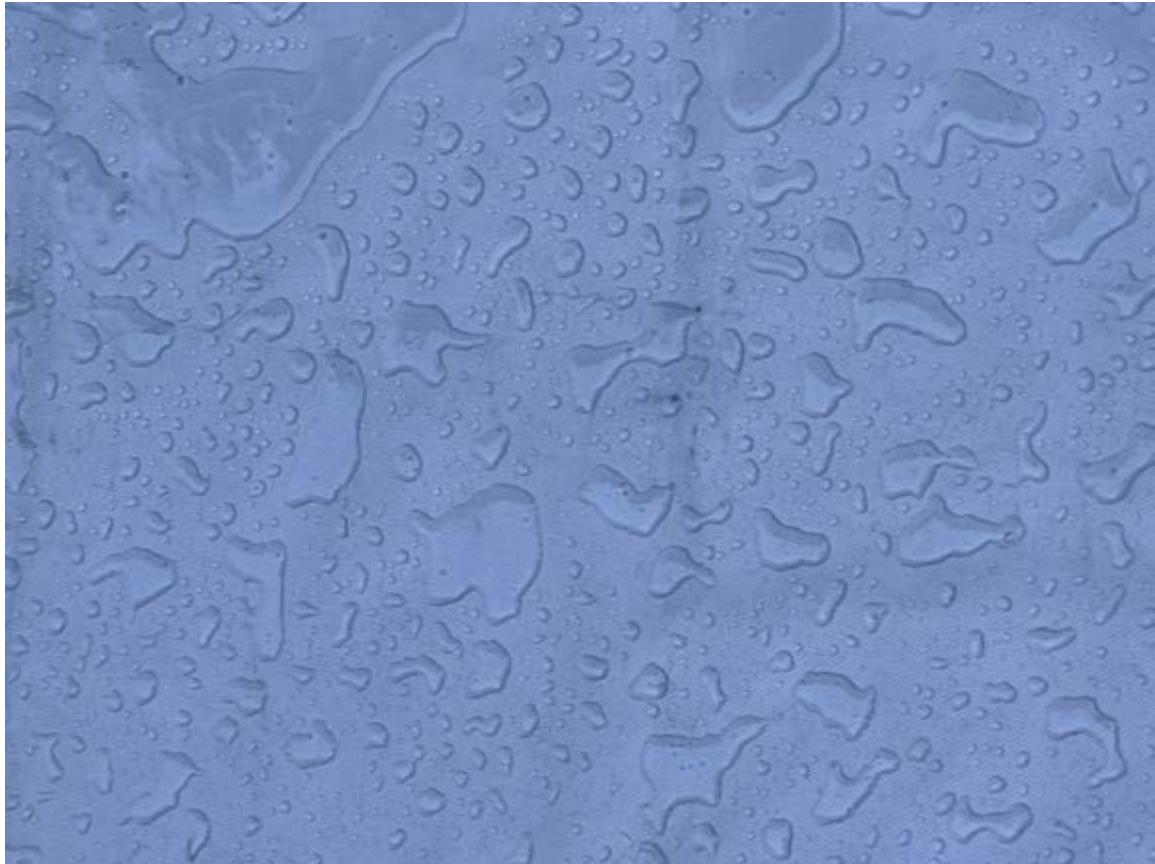
Stove Mat

- The purpose of the Stove Mat is two-fold:
 - Keep your car clean on the way home by folding up and moving all the grease and mess that happens on the table to inside the box on the stove mat
 - Try to keep the stove from melting / damaging the table.
- It's a flame-resistant mat that's **grease resistant** – its glass fiber impregnated with fire resistant silicone
<https://www.kodiakcanvas.com/tent-stove-heat-shield-mat/>
- It's really easy to use Dawn dish soap and a broom on both sides to get it clean
- Once the water beads up, it's clean enough
- Let it air dry for the afternoon or overnight before it goes back in the box









Air-drying the Stove Mat over a lawn chair:



Cleaning the Utensil Roll

- The utensil rolls are made out of waxed canvas, which is durable and pretty easy to clean.
- Much less expensive than leather options for the Troop, but it has some tradeoffs.

DO NOT:

- Machine wash
- Machine dry
- Dry clean
- Use detergent
- Use warm or hot water
- Do not Iron Waxed Canvas

- If you do any of these methods, you will likely damage your utensil roll because this will remove the wax coating and compromise the finish, making the bag less water-resistant.

DO:

- Ensure the bag is dry; then with a soft bristle brush, gently brush the dirt off the utensil roll.
- Spot clean with a damp towel
- Apply a small amount of non-detergent soap (e.g. Dove soap) and cold water, gently scrub the stain and rinse with cold water and air dry.

MORE TIPS FROM THE INTERNET:

<https://klumhouse.com/blogs/blog/how-to-care-for-waxed-canvas>

<https://klumhouse.com/blogs/blog/the-ultimate-guide-to-waxed-canvas>

Rewaxing: <https://www.otterwax.com/blogs/journal/pointer-jacket-tutorial>



Cleaning the Patrol Box

- We started with emptying everything from the patrol box in the garage
- Fill the box with Dawn dish soap and water, and let it sit for a couple hours. Let the soap and time do all of the work. Some bleach like in the 3-pot method might be advised if it's really ripe.
- Spend some time scrubbing the edges, top and underside of lid, and gasket with a dish brush
- Dump out box
- Rinse thoroughly inside and out
- Air dry overnight







Let the patrol box air-dry overnight- **it is really important for it to be completely dry before repacking it:**



Deep Cleaning

This can happen to you! Inevitably, the equipment gets too hot, they forget to use oil, or are not watching what they are cooking, and the equipment gets this nice dreaded scorched char that does not come off in the dishwasher:



There are some other methods than what I tried, like sugar cubes. So, your mileage may vary:

<https://food-hacks.wonderhowto.com/how-to/clean-uncleanable-scorched-spots-from-pots-pans-0157342/>

<https://thesecretyumiverse.wonderhowto.com/how-to/4-diy-methods-for-removing-burned-food-from-pots-pans-0157510/>

<https://www.tasteofhome.com/article/how-to-clean-a-burnt-pan-we-tested-5-methods/>

The griddle is stainless steel and is more forgiving than the aluminum. We made the mistake of not Googling “**How to clean scorched pots**” first- instead we just used what I had in my shop, which is stiff bristle wire wheels for welding and fabrication.



Home Depot / Lowes has fine or softer bristle wire wheels, which will not scratch the surface as easily and should work just as well: <https://www.lowes.com/pd/Norton-0-in-Course-Wire-Brush-Wheel-Assorted-6-Pack-Electric-Drill/1000213189>



Start off in a small spot so you can see how it's going to work out, then using your drill, wire-wheel off all of the charred grime:



Where we made a mistake: we went too hard on it and scratched the surface. A way to fix that is you sand it. From an old project- we had a leftover set of wet polishing sandpaper and it worked really well: [3M 9 Sheet Lapping Film Set — Taylor Toolworks \(taytools.com\)](https://taytools.com) - \$17.99 for a 9 sheet set



Just kept it damp with water and went thru all 10 grits (250-500,000) until we got the scratches out:



The “magic” last step is wipe it off with Acetone, and that gets the last of the stains off:



Done working outside:



Re-run it thru the dishwasher, and lightly coat it with cooking or olive oil:

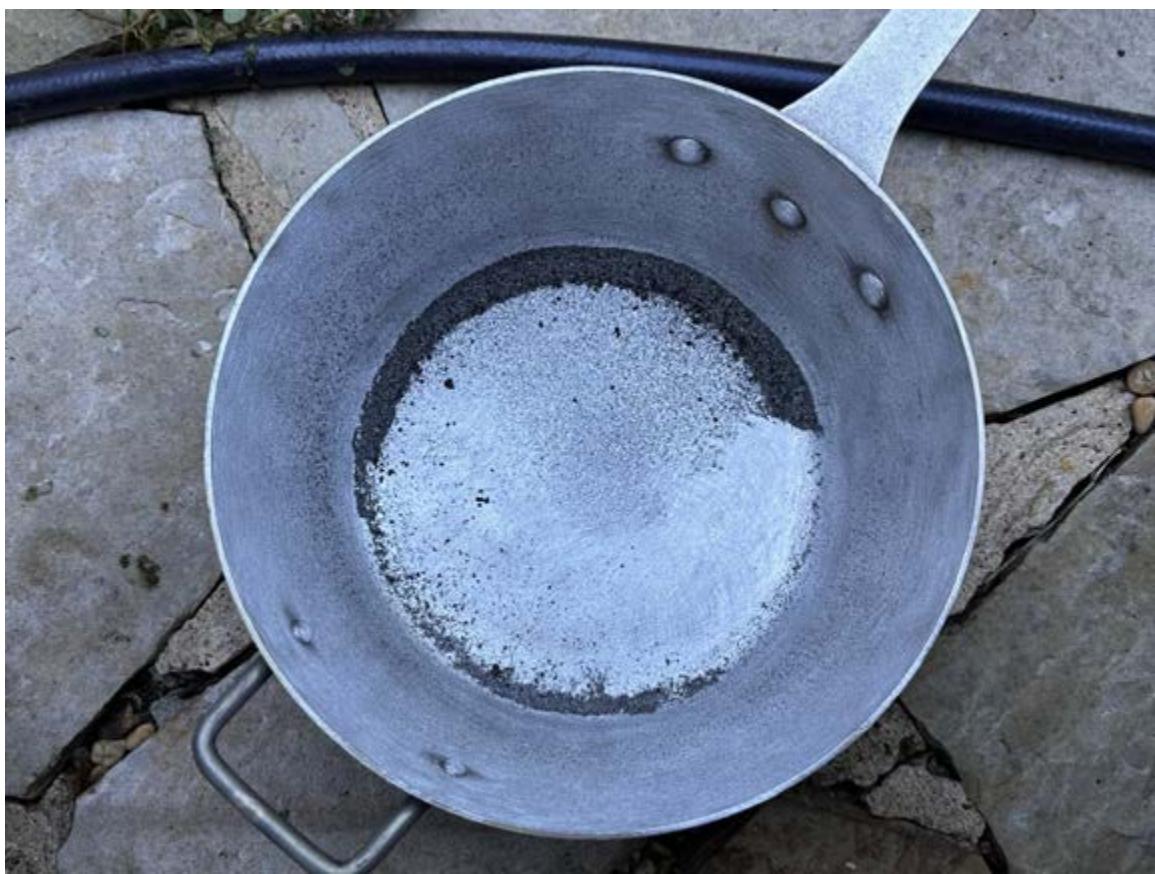


Like new:



Aluminum pot was trickier, but used the same tools





After you are done with the wire wheel, the aluminum pot will actually smooth out pretty easily with regular steel wool:



New pot versus “recovered” pot. Our dishwasher caused the discoloration, so I’d call that normal:



Stove Maintenance

- The stove should be relatively maintenance free, please inspect the hose and regulator for damage, and check to make sure the hose fittings are tight. The hoses can fray.
- Check the legs and make sure there are two bolts on each leg, and that each nut is tight
- If it is loose, it needs to be re-assembled with Loctite 271 on the threads
- The black screws that connect the aluminum burner to the frame need to be inspected to make sure they are tight and present.

▪ **If loose or missing (it is likely in the patrol box), please apply Loctite 271 to the threads and re-assemble.**



- END OF GUIDE -