Emblem Stripping and Painting DIY

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Quick Overview

This is a relatively simple way to DIY strip the chrome of off, and paint the emblems on your car.

One unique process that is used in this guide is the use of bleach to strip the "chrome" off of emblems, which is beneficial to the adhesion of paint to the emblem.

This guide shows how to paint a front Netz emblem, but the process should be very similar for all emblems.

Stripping the Emblems

1. Pull apart the emblem you wish to paint, if necessary.
2. Continuously give the "chrome" portion of the emblems bleach baths until it has been stripped of the "chrome" and is down to bare plastic.

Painting the Emblems

1. Carefully prep each portion of the emblem.
2. Prime and paint each emblem in your choice of paint color.

Reassembling/Applying the Emblems

1. Carefully reassemble each emblem as necessary.
2. Reattach each emblem to your car.

Introduction

Disclaimer

These instructions are merely a guide. You'll be dealing with various chemicals which may be hazardous to your health if misused. I'm not a professional painter, so please use this as I guide at your own risk.

Suggested Tools and Supplies

You may find that other tools my work better for your situation, so feel free to use what is best for you.

- x-acto knife with a number 2 blade
- bleach
- a nylon brush (a toothbrush will work)
- a small container the appropriate size for your emblems
- needle-nose pliers
- rubbing alcohol and cotton balls
- painters tape (if painting a "two-toned" emblem)
- paint supplies appropriate for your choice of color:
  - plastic adhesion promoter
  - primer
  - base coat paint
  - clear coat
- 3M mounting tape
- rubber gloves (optional)

Part One: Stripping the Emblems

Time Required

2 – 5 days.

Tools Needed

- x-acto knife with a number 2 blade
- bleach
- a nylon brush (a toothbrush will work)
- a small container the appropriate size for your emblems
- needle-nose pliers
- rubber gloves (optional)

Instructions

1. Remove the emblems that you wish to paint. For *The back "Toyota" and "Yaris" emblems are held on with 3M tape. The front Toyota "sombrero" or Netz badge are clipped on to the front bumper with tabs. The rear Toyota badge is held on with 3M tape and has two alignment pegs on it. See the DIY section of the MicroImage Online forum (or YarisWorld forum) for instructions for removal.*

2. If you are dealing with the front Toyota or Netz emblem, use an x-acto knife to cut through the 3M tape holding the front and back halves together (shown in **red** in Figure 1). Once the outer portion of tape has been cut, pull up on the outer portion of the top half of the emblem and twist to pull apart the emblem, minding the two aligning pegs (shown in **red** in Figure 2).

3. Carefully remove any 3M tape that is still on the emblems.

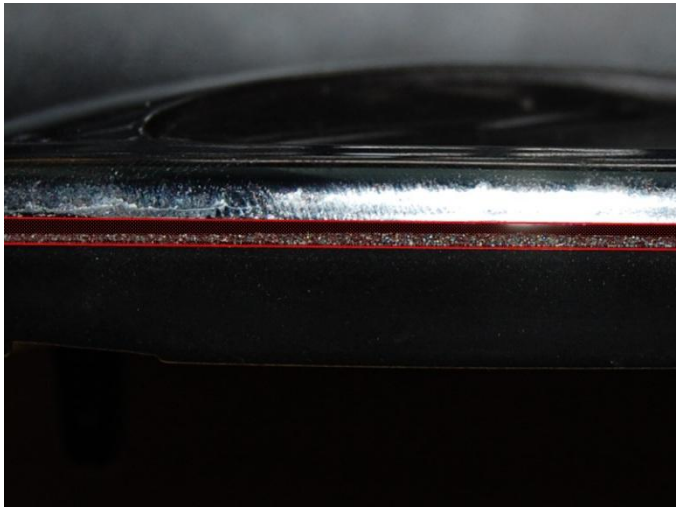


Figure 1: 3M tape holding two halves of emblem together

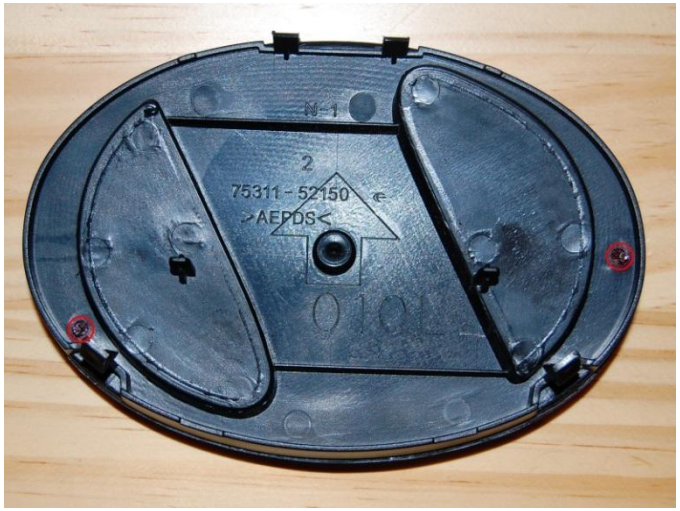


Figure 2: Alignment pegs

4. Place the emblem that you wish to be stripped of chrome into an appropriately-sized container and fill the container with

bleach. You can leave this container alone for up to 24 hours or until the liquid turns black (see Figure 3).



Figure 3: Stripping the emblem

5. Repeat step 4, removing the emblem from the bleach bath and lightly scrubbing the emblem with a brush to remove any corroded metal from the emblem. It is strongly suggested that you wear rubber gloves while handling the emblem. Over time, more and more of the "chrome" will be removed from the emblem. If your emblem looks like Figure 4, everything is working! Remember to replace the bleach after each cleaning.



Figure 4: In between bleach baths

6. Once your emblems are completely stripped of "chrome," (see Figure 5) you can lightly scrape away at any remaining bits of metal on the plastic with an x-acto knife, being mindful not to gouge the plastic.



Figure 5: Completely stripped

Part Two: Painting the Emblems

Time Required

1 day. (I waited 1 week, allowing the paint and clear coat to fully cure, before putting the emblem back on my car.)

Tools Needed

- needle-nose pliers
- rubbing alcohol and cotton balls
- painters tape
- paint supplies appropriate for your choice of color:
  - plastic adhesion promoter
  - primer
  - base coat paint
  - clear coat
- rubber gloves (optional)

Installation

Prep Work

1. For the back portion of the emblem, I chose to run it through the dishwasher to fully and quickly clean it. I made sure to not use the Sani-Wash rinse (i.e. high-temperature) option.

2. After cleaning the emblem, use the rubbing alcohol and cotton balls to thoroughly clean the surfaces of the emblems that you will be painting. From this point on, avoid touching the surface that is being painted (needle-nosed pliers are handy here).

3. Your badges should now be ready to be painted, and should look clean, as in Figure 6.



Figure 6: Cleaned and ready for painting

4.

Painting

Make sure to follow the directions on each can of product that you are using. Make sure to shake each can at least 2 minutes, and in the case of the base coat and clear coat, at least 2 minutes ***after*** the rattle ball has started moving in the can! In between coats, make sure to shake each can at least 30 seconds before applying another coat.

How you paint each emblem can vary, depending on your desired look for your emblem. In my case, the base of the emblem was color-matched, and the front portion was partially painted with color-matched paint and satin black paint. Below are some general guidelines to painting your emblem to match your car's paint:

1. Apply plastic adhesion promoter to each emblem in accordance with the instructions on the can. In my case, I used 3 light coats, waiting 5 minutes between each coat.

2. Apply primer to each emblem in accordance with the instructions on the can. In my case, I used 3 medium coats, waiting 5-10 minutes between each coat and 30 minutes before the base coat.

3. Apply the base coat to each emblem in accordance with the instructions on the can. It is important to shake the can of paint until the rattle ball is heard moving around in the can and then 2 minutes more after that. This ensures that the paint is thouroughly mixed. In my case, I used 4 light to medium coats, waiting 5-10 minutes between coats, and then 5-10 minutes before starting with clear coat.

4. Apply the clear coat in accordance with the instructions on the can. In my case I used 3 heavy coats, waiting 5 minutes between coats and waiting 7 days before handling the emblem. Once done, your emblem should look similar to Figure 6.

For the front portion of the emblem, I applied plastic adhesion promoter, and primer and waited for the primer to fully dry for several days. I then masked of the outer circular portion of the the emblem, then applied base coat and clear coat to the inner portions of the front of the emblem. After allowing a week for those portions to dry, I masked them off and applied satin black paint to the outer portion of the emblem. (See Figure 7)

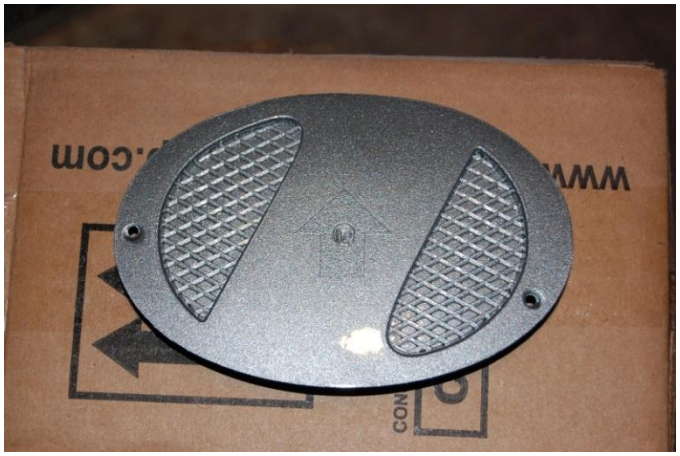


Figure 6: Primered, painted and clear coated



Figure 7: Front portion after painting

Reassembling and Applying

1. After you have allowed your emblems to fully cure, you will need to reassemble them, if necessary. To reassemble the front emblem, apply 3M tape to the emblem where both portions of the emblem will mate up (as shown in **red** in Figure 8). Carefully use an x-acto knife to trim around the edges to ensure that no tape is sticking out between each layer.

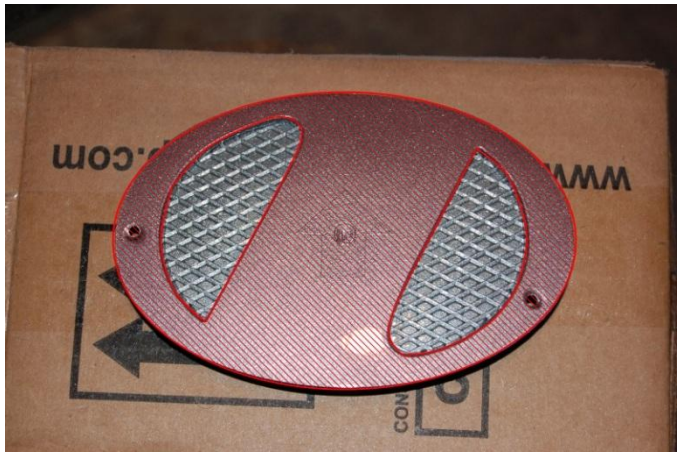


Figure 8: Surface to be taped

2. To reapply your emblems, reverse the process that you took to remove them. If you took your time with this DIY, your finished badges should come out like Figure 9.



Figure 9: Sucessfully painted emblem!

Common Toyota Paint Codes

Below are some common Toyota paint codes for Yaris sedans and liftbacks (*from* automothivetouchup.com):

001.....Flint Mica
068.....Polar White
070.....Blizzard Pearl
1E0.....Flint Mica
1E7.....Silver Streak Mica
1F8.....Meteorite Metallic
1G3 .....Magnetic Gray Metallic
209.....Black Sand Pearl
3P0.....Absolutely Red
3Q8 .....Carmine Red Metallic
3R3.....Barcelona Red Mica
5A6.....Yellow/Yellow Jolt
777.....Jade Sea Metallic
8N0 .....Zephyr Blue Metallic
8R3.....Pacific Blue Metallic
8T0.....Blazing Blue Metallic
8T1.....Bayou Blue Metallic
8T7.....Blue Streak Metallic