



Brake Caliper paint procedure

We have been asked several times, how do we get such a beautiful finish on our calipers? So we decided to put together these instructions, there are several ways to do this so lets go over our two preferred methods:

Safety:

- Park your vehicle in a flat area to ensure maximum safety prior to lifting the vehicle, use a good floor jack and jack stands, if only doing one set of front, rear or one side at a time, chock the remaining tires
- Remove the tires and secure the vehicle properly as to have a safe working area and your vehicle will not fall, not properly securing the vehicle with jack stands.
- Wear safety glasses and use tools that are in good working condition
- We are working under the assumption that your calipers and rotors are in good working order and are not in need of replacement, do not treat and re-install faulty equipment, our products will only add a cosmetically good look and will not make any parts work better, our products can only provide protection from rust and provide a beautiful finish coat. **DO NOT APPLY CLEAR COAT TO THE ROTOR SURFACE.**

If you have rust

- 1- Once you have removed the wheels and tires that you intend to clean, remove any big loose rust, you may scrape it with a brush or pressure wash, apply Action gel to the entire assembly, rotors calipers, backing plates and anything else you seen there. We normally place a drip pan under the working area to catch any extra Gel that drips in order to re-use it
- 2- Follow the product application instructions of letting it set for 30 minutes, give it a scrub, let it sit a bit longer then rinse with water per instructions and make sure it dries before you continue then move on to step 3

If there is no rust and it's clean

- 3- Skip steps 1 and 2 **clean all surfaces with General purpose thinner**, this removes the oils, and impurities from the area to be treated, tape off the caliper and make sure not to get any paint on the brake rotor, there are lots of paints out there, and some are designed for brake calipers, if you want a red or yellow rotor for example, apply your high temp paint of choice, once that had dried as per the manufacturers specifications, apply **Action RUSTPROOF** clear per the product instructions, this will give you a high shine and depth on your newly painted caliper, along with extreme rust protection, If your calipers are already a color or if you simply want to improve the look you can simply paint over the existing finish and you will provide rust protection and a shiny gloss finish. You cannot apply **Action RUSTPROOF** clear to any braking surface, this will cause damage to your pads and brake failure **DO NOT APPLY COATINGS TO BRAKING SURFACE**

- 4- You may apply Action RUSTPROOF clear to any other parts like the A arms, frame and other areas where rust is a concern, once the product has dried, remove all your tape clean up and give the clear coat a good 30 minutes to an hour to dry before you re-assemble your vehicle. Then drive normally
- 5- If you feel like doing the best possible job and you are mechanically confident to do so you will need to add steps 6 and 7
- 6- Remove the rotors and make a solution of **Action Rust Bucket** and allow the rotors to be completely submerged for 24 hours or at minimum overnight, remove them from the solution and rinse with water, you will be pleasantly surprised with the results, if you find that your rotors are grooved or damaged, resurface or replace as needed.
- 7- We have applied **Action RUSTPROOF** clear to the center of our rotors but always protect the brake contact area from any overspray, **NEVER APPLY ANY COATINGS TO THE BRAKING SURFACE**



Vehicle properly mounted on Jack stands designed for the appropriate weight of the vehicle, we did these calipers without rotor removal since the rotors only had about 4000 miles on them and did not need replacement.



We cleaned the calipers with Action gel and in this case we also pressure washed the undercarriage



Taped off the rotor surface and applied ceramic rotor paint with a brush per the manufacturer's instructions and allowed it to dry.



We then applied 2 coats of **Action RUSTPROOF** clear and removed all the paper and tape, notice that the caliper is only half red? That's because we only wanted to paint the outer surface, the inner side of the caliper is simply how the stock black paint on the caliper looks once our clear coat had been applied.



Of course, after looking at this and giving the truck a good pressure wash, we could not help ourselves so we applied two coats of **Action RUSTPROOF** clear to the undercarriage of the truck, now that this truck is moving to our new office in Florida it was imperative that we protect it with our product to ensure the underbody does not rust.



No paint has been applied, this is the result of **Action RUSTPROOF** clear only, applied directly to the existing painted parts.

In these pictures we removed the calipers to paint them and replaced the rotors so there was no need to clean the old rotors and we did not worry about getting clear coat on the rotors



Caliper painted



Caliper clear coated with **Rustproof** clear

Rustproof clear can be applied to the engine compartment giving you that just detailed look all the time, here are some different engines we have done, this shine will remain for 6 to 12 months with no oily residue form conventional engine shine products that just make a mess and wear off.



2000 GMC with over 293,000 miles treated with **Rustproof**



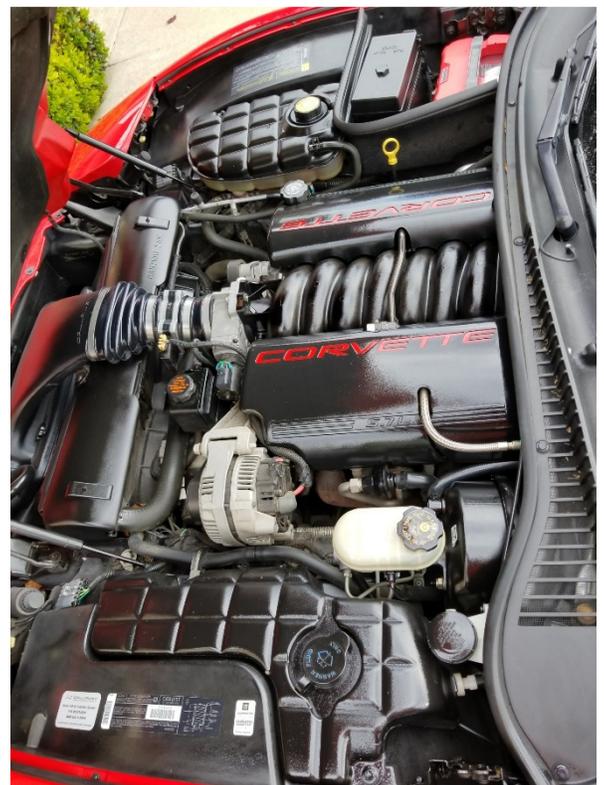
Engine and valance treated with **Rustproof** clear



1999 Toyota 4 Runner with 426,000 miles, Engine shinned up and paint restored and treated with **Rustproof** clear



2002 Corvette, only the covers were done at first



Entire engine totally shinned up with **Rustproof** clear