

MODERN PORSCHE PREP CONCOURS OR SUMMER

Washing and protecting a car can be just that, but for a job for the start of summer season or a Touring Concours job you need to do a real preparation.

All parts of the car need to be prepared before cleaning. The first items are to prepare the engine, storage, and interior.

The mechanical work should have been done on the car including tuning, etc.

And this means not just the engine, but everything from light bulbs to missing/damaged parts on the car.

ENGINE BAY (IF DOING!)

1. Get car tuned, lubed, annual brake bleed, liquids, wheels packed, etc. and in great shape as called for in manual.
2. Cover distributor, inlets, electrical frailties, belts, paper ducts, decals, tubes, A/C and alternator openings.
3. Wash engine on top, use lots of water at outset, and let dilute Degreaser work for awhile. Brush over bad spots first, use shop rag to clean, and don't rub on decals. In fact cover them with magic tape and mylar so that rubbing them with the degreaser doesn't take them off; or replace them.
4. Put back on parts (air cleaners, etc.) IF taken off after cleaning them with a wet rag and if dirty, with degreaser on them. Wipe off with clear water on a shop towel. Leave belts covered.
5. Clean inside of hood with dilute degreaser, then use clear water. Dry with toweling. Uncover belts.

Rev. 15e 9/4/2016 ,
O 4/2/1995

(GR is Griot's, M is Meguiar, P is P21S, E is Einszett, W is Wurth, Z is Zymol S is Sonax,

(Same, all other vendors named.)

(All of the vendors above are well known here except Einszett who has a dealer at Metropolitan Detail

12700 Bel-Red Rd., Bellevue,
425-233-6068)

E- Pelican Parts in CA, or Google it
Larry Reynolds of CarCareSpecialties.com of Lodi, NJ is one of the best sources in the US. He owns it, and writes in all the better clubs mags. He is also a very good source of info.

-Saran Wrap and rubber bands or soft plastic bowl covers, buy roll of 4mm Mylar for use on several places farther on in our preparation.

-Any good Citrus Based Solvent or Wurth Citrus Degreaser(diluted! in bucket), rags and brushes

-4mm Mylar and magic tape, gloves

-Detergent Bucket (used for detergent only) and shop rags

-Check All cotton rags/toweling!!

-3M Adhesive Cleaner on stains or degreaser above or Dupont Prep Sol

- 3M Glue Remover and s spray Brake Cleaner for exteriors of engine. Use Citrus on injectors for gas (or diesel coming)

Other Citrus Degeasers for cars OK Usually, but always diluted

-All Cotton Wash rags-Use mylar over engine to protect it when washing car to not have to touch up.

Modern Porsche Prep (cont'd)

ENGINE BAY (CONT'D)

1. Drive a mile or so and return to do rest of interiors; or use air. Dry!

STORAGE COMPARTMENT

1. Pull the spare tire IF you have one, (hold for car wash), any carpets, and all other accessories that move. Clean them and lube as necessary, dress them with vinyl cleaner if plastic and put them aside.
2. Vacuum the compartment and all carpets in and out. Clean as necessary with carpet cleaner, etc..
3. Assume this for the battery, wherever located. Immobilizer & S/W is a problem on 964s on. Do not pull the battery. ** Clean off corrosion on battery with paste of baking soda and water. USE VINYL /NITROL GLOVES! Rinse/rub with water and dry off with a paper towels (throw away). Clean terminals and clamps with a brush tool. Clean Battery Ground. Use a Power Pack for 12V to not interrupt.
4. Clean area under and around battery box area. IF holes, get body shop to fix immediately on all Porsches. If corroded, use baking soda paste routine. Mask off and paint bad area with battery tray epoxy paint. Put on Battery Absorbent.
5. Wash rest of metal in trunk and under dash with water if can and a wet rag if it is just dusty. If more, use dilute degreaser and little water.
6. Put battery back after cleaning.
RECONNECT BATTERY. Keep power!
7. Put carpets, accessories, etc back into trunk and return spare is cleaned.

-E Rubber-Vinyl—BEST!

M HD Vinyl and Rubber Cleaners, S or GR Vinyl Cleaner are OK also.

-Citrus Based Solvent Degreaser dilute - I use Wurth, others OK if water based

-cotton rags/shop towels

-vacuum cleaner with crevice tool

-BEST M Hvy Dty Carpet and Int Clnr or GR Carpet Cleaner (NO Resolve)

-Battery Post brush tool, baking soda, nylon brush, and disposable paper towels, plus cotton shop rags

-vinyl gloves or nitrol gloves-ACID

-Battery pad(Black) from Tanson or Auto Warehouse (Yellow)

**** See page 8 at bottom!**

-Eastwood Battery Tray Paint

- Replace rubber drain tubes at bottom of wells if gone/clogged as on 911 they can weaken the suspension badly. OR factory paint of your color from Glassurit

-Tee shirts material

-degreaser, or 409 in hidden areas and rinse with very wet rag

Or use Wurth Citrus Degreaser

-Think about under battery pad

-roller brush for clothes on lint.

Glue back as necessary on 911s

Using Eastwood or Wurth Glue.

Modern Porsche Prep (cont'd)

STORAGE COMPARTMENT (CONT'D)

8. Hold battery hookup and spraying/greasing it if not for concours with battery corrosion inhibitor.
 9. Drain if you can, Clean and Refill windshield spray bottle with fresh liquid.
- if not concours, corrosion inhibitors available all parts stores. Do not use colored ones.
- Use any good windshield spray mixture. I use BMWs, or 20/20

INTERIOR

1. Pull out some carpets and clean as in Storage 2. both inside and out. Pull all loose items out of car.
 2. Check headliner. For vinyl, spot with vinyl cleaner, or very dilute degreaser as it is usually head contact and grease. For other materials try M Carpet and Interior Cleaner or Resolve. If really bad, check for fading and do whole headliner.
 3. Clean side panels, vinyl seats, and inside door panels with carpet or vinyl cleaner as needed. Leather seats (some just fronts), leather dashes, panels, etc., use leather products only.
 4. Vacuum floors, pockets, glove compartments, as needed
 5. Go under dash with a dampened T shirt Clean off all dust back of dash and above all components. Use dry T around voltage, Remember BATTERY!
 6. Clean all chrome with water, then if bad, use chrome polish. Seat frames and others chrome pieces should use polish. Do before cleaning the clear faces of instruments. Wax the chrome for protection longer term.
- M-Heavy Duty Carpet and Interior cleaner, Griots Carpet Cleaner,
-M Carpet and Interior Cleaner
-M 40 Vinyl Cleaner or M Hvy Dty
-GR Rubber and Vinyl Dressing
-GR Interior Cleaner (headliners)
-Einszett Rubber and Vinyl OK
S also good
- Lexol Cleaner & Protectant, Z (Leather), Hide Food if Veg. Cured!
-M Leather Cleaner and Protectant
-GR Leather Care. (All OK except Hide Food on Chrome Tanned Leather). All orig. German is Chrome Tanned
-E Rubber-Vinyl especially on leatherette and dash-Any chrome polish with low residue
- Soap and water on good chrome
-Any good household wax spray such as Lemon Pledge, etc., spray into rag and work into chrome. I use carnuba on the chrome for show, inside and out. Use cosmetic cotton swabs, not Q-tips if available (NO PLASTIC STICKS!!)

Modern Porsche Prep (cont'd) INTERIOR (CONT'D)

7. Clean Instrument Fronts and windows. Remember vanity mirrors on visors.
8. Clean carpet edge vinyl trim with vinyl cleaner, including all vinyl not done yet, including door/window seals.
9. Windows are part of washing. Reassemble interior. Final vacuum touches under carpet and when carpet is in. Hook up the battery and spray coating if not for concours; or if can do it.
10. You are ready to wash the car

GENERAL COMMENTS:

1. Use as little chemical as possible everywhere.
2. Use lots of water.
3. Completely check all cotton by fire check to see if all cotton or poly is there.
4. Tee shirts are easiest to work with in tight situations and cleaning. Towels are best for grosser uses.
5. Shop towels are never to be used on paint!!! They may have metal parts from prior usage, and they are too rough to use on paint.
6. Don't be afraid to work with orbiters. Just put 1/8" masking tape on edges and don't stop or use heavy pressure. Follow instructions.

- Glass-STONERS INVISIBLE GLASS (many auto stores. Use spray cans only.)
- Plastic-Use M clear plastic cleaner and polish or GR equivalent
- M, E!, or GR Vinyl and Rubber Cleaner, E is best with soft finish
- tee shirt material on finger and rub lightly. Come back later w/dry tee
- Clothes lint roller again
- Eastwood Battery Terminal Spray
- any good tube of terminal paste or spray or Silicone Spray if not Concours prep. Do not use colored pastes.

BAD STUFF TO USE ANYTIME

1. NO WD-40!!!! Use BREAK FREE!
2. NO ARMORALL or ITS CLEANER!!
3. NO OXICLEAN!!
4. NO WASH THAT INCLUDES WAX!
5. NO DRY CLOTH WASHES!!!
6. NO POLY TOWELS/CLOTHS!!
7. NO HEAVY DETERGENTS!!!
8. NO DISHWASHER LIQUIDS!!!!
9. NO CAR/WASHES THAT ARE NOT LIQUID!!!!
10. NO WASHING OF YOUR CLOTHS IN DRY TYPE DETERGENT, ONLY LIQUIDS AND RINSE AT LEAST TWICE, BETTER THREE TIMES!!
11. NO UNKOWN CHEMICALS FROM YOUR BROTHER IN LAW!!!!!!
12. ANY CHEMICAL WITHOUT A FAN WAFTING OVER YOU!!!!!!
13. NO SIMPLE GREEN! USE ON DRIVEWAY WHERE IT BELONGS!

Modern Porsche Prep (cont'd)

WASHING THE PORSCHE

1. Gather up tools, car, and running water in a cool area out of the sun with the entire car cool including engine!
 - Hose with rubber covered nozzle tip
 - 2 mitts, natural sponges, or all cotton wash clothes, microfiber
 - 4+ all cotton bath towels
 - M, P, GR, E, or S Car Washes ONLY
 - NO washes with wax, dishwasher liq., detergents, OXI cleans, Simple Green!!!!, 409, Lysol, Toilet cleaner, etc.
 - Two buckets-One w/no detergent ever in it. (If car a driver, use one bucket but clean it well with Orange Detergent before! Hidden scum will kill paint.
 - Tar, bug cleaner, 3M Adhesive cleaner or Dupont Prep Sol (available in gallon)
 2. Clean up bugs/tar/etc. on paint, metal, glass. Rewax (NOT glass) these areas to renew surface AFTER cleaning if not waxing.
 3. Close all openings and pull in spare tire (if one) to wash area.
 4. If a rear or mid-engine, lay a 4mm mylar sheet cover directly over engine for easy cleanup of water.
 5. Hose down car thoroughly with a stream of water, not a spray on top. Start at top and rinse down the car. Use slow running water on top and a stronger stream below the beltline. Use lots of water and pressure throughout the wash, especially in the wheel wells.
 6. Follow wash instructions on lower half of car. Use second container and mitt, leaving tires for now except to run pressure up on water on them. Use high pressure in wheel wells and suspension in view. Use mitt last under fenders after cleaning wheels.
 7. Wash down each wheel/spare with water. Apply wheel wash by spray and brushes with mitt. Use fiber brushes only. RINSE!!
 - 4 mil Mylar-get at hardware store and cut to size. Ditto for brakes when cleaning wheels by overdrawing a little.
 - DO NOT EVER USE THE DRY WASH CLOTHS. THEY MICROSCRATCH WITH TIME. Use no detergent, mitt and bucket for wiping down with water running above beltline. Here you are wax protecting (Sun). Sides, Bottoms and Wells are to clean off dirt. Detergent!
 - Use second bucket and mitt with wash for below beltline after touching up above beltline if needed.
- Use the washes in 1. and don't use the bad stuff shown. (It takes off waxes with detergent. Use as little as possible on belt line and lower.)
- SOFT FIBER ON WHEEL BRUSHES OK
Cover brakes w/ 4 mil mylar. DO NOT spray directly onto brakes. Use P21S or GR Wheel Cleaner, or ONLY M-36 wheel cleaner(there are 3)

Modern Porsche Prep (cont'd)

WASHING THE PORSCHE (Cont'd)

8. Starting at top, re rinse with water stream to keep from getting water spots and also to run more dirt off the car in channels, etc. before drying.
9. Dry top down to beltline, changing towels as necessary. Wash/dry with a cotton rag the door jams, storage and engine deck water runoff areas. Use a little Citrus Degreaser with water to wash these areas as needed. Do not use any more than required or use car wash if can.
10. Dry below beltline, changing towels as necessary. Leave wheels and wells plus suspension for now. Redry off engine.
11. Dry wheels/tire sidewalls with towels. Go no further yet.
12. Walk around and check for drips and runoff. Wipe them off with towels and keep checking them.
13. Lube rubber and dress vinyl around windows and other external vinyl/rubber parts.
14. Finish wheels with tire dressings and any additional bumpers, etc after scrubbing inside the fender wells 3-5 times. Wurth SKL does work with black undersides.
15. Wash windows inside and out. Spray/clean with degreaser glass cleaner first, then rewash with final cleaner of vinegar/water OR ammonia/water. Afterwards take wet degreaser paper towel and clean the wiper blades.

-Use only all cotton towels!! Check them. Use Prep Sol or 3M Adhesive Cleaner to cover greasy spots on bad spots. You can have a little fresh grease or oil where called for, however FRESH, only on hood locks and fuel linkages

-OR dry paint/grill but no wheels or suspension. Take out mylar in engine bay and dry, then drive a mile, no more, and get back to finish before water spots appear on rest of car. Or turn on compressor with filter for oil/water vapor.

-Use all cotton tee shirt for wiping on/off M 40 rubber/vinyl dressing, E, GR, or equiv., GR or Black Again Exterior only on window frames to heavy bumpers, etc. with M 39 Heavy Vinyl Cleaner as necessary.

-E. Rubber-Vinyl only on Tires AFTER heavy cleaning for normal look and long term usage. For wet look, try Wet-N-Protect Hot Rods, Big Iron!
Use applicators, they do it better.

-Use Stoners Invisible Glass or 409 Glass cleaner first IF lots of oil on surface. Use good paper towels or newspaper (no color) Keep off paint and rubber trim. Spray on towel and then clean or in center only. Dilute 1 part to 32 parts water on ammonia or vinegar for show

Modern Porsche Prep (cont'd) WASHING THE CAR (cont'd)

16. Check front/rear light lens & dry
17. You are finished and ready to protect your paint!

PROTECT THE PAINT

We will describe five of the most common situations, however there are more and for those, maybe it is best to call the experts—Tell you later who the commercial ones are. You are 1a – 3b.

- 1a. The best situation is it is a relatively new paint job, in very good condition and very well maintained, especially two stage paints on your newer type cars.
- 1b. Use detailers frequently to maintain and brighten up paint between protecting paint and washes.
- 2a. The back of your fingers feel a couple of rough spots here and there.
- 2b. Use Clay with any of our detailers to help it slide. Read directions. It works!
- 3a. Two stage paint is very good, oxidizing a little, or has stains, and some dulling paint or contamination.
- 3b. Clean paint with a body scrub and finish with a carnuba (use orbiter) or polish. Clay first?
- 4a. Two stage paint oxidizing and is dull and contaminated to feel.
- 4b. Use a swirl remover or fine cut cleaner, depending on how bad it is. Then a glaze and finish as in 3b. with polish or carnuba.

-Remember not to tighten screws tight as they will break lenses.

1a+-GR Speed Shine, Einzsett!, M Final Inspection or Detailer or GR QuikDetailer
Use Applicators from M or GR or
Cotton wash clothes and small towels for all finishing work with cleaners, wax, or polishes, Microcloth or all cotton washcloths. This is for short term finishing. Follow the next for longer term. You do not need clay, just cleaner, glaze, and a liquid polish.
-Clay from M or GR plus the above in 1a+. Use 1a items at top of list to smooth the claying as a lubricant.
-Porter Cable Orbiter from M or GR (same) for Carnuba or by hand
-M Clear Coat Body Scrubs
M Carnuba, P21S Wax, E-Waxes, GR E Carnuba, NO M Medallion
GR Best of Show Wax! or equivalent

-Use Clay if not too bad.
-M Swirl Remover or if worse
M Fine Cut Cleaner

-3M hand or microfinish(Orbiter) glazes after Dupont Prep Sol.
Wax w/ P, E, GR, or M Clearcoat or polish as you wish

Modern Porsche Prep (cont'd) PROTECT THE PAINT (cont'd)

- 5a. Bad one stage paint that is recoverable not a problem here.
- 5b. Use any good light rubout compound and then use a fine cut cleaner to brighten and restore smooth surface. Then glaze for a base and finally polish/wax such as in 3b.

Worse and other conditions are beyond this discussion. Meguiar's has a service you call for help and they are good. 800-347-5700

Car Care Specialties in New Jersey has Larry Reynolds, the owner, who writes for all marques magazines including Pano and is a real specialist on all chemicals for the car. He sells nearly all the good brands but Griot of course. Call tech services at 973-767-0035. Call Griots. Great supplier and information. M also.

MORE GENERAL COMMENTS

1. YOU DO NOT HAVE TO DO ALL OF THIS IN ONE SESSION
EXCEPT WASH AND PROTECT!
2. GET ALL YOUR CHEMICALS AND TOOLS AND KNOW THEY ARE THERE AT THE START.
3. OBSERVE AND WRITE DOWN AS YOU GO THINGS THAT NEED ATTENTION. THEN DO THEM!
4. IT GETS EASIER EACH TIME AFTER YOU GET CAUGHT UP THE FIRST TIME. SURPRISE PEOPLE!!
5. YOU HAVE A LOT OF PEOPLE IN THE CLUB TO TALK TO ABOUT PROBLEMS. USE THEM.

- 3M Perfect-It II Rubbing Compound
- GR Machine Polishes
- M Fine Cut Cleaner
- Glazes as in 4b
- Finishes as in 3b

****Battery Problems! You lose data/controls, etc. IF you do not maintain a battery at 12V (or 9V with a cigarette memory holder or Power Pack) on newer cars.** IF not necessary, do not do battery. If corrosion, etc., then do it. You can recover mostly in 10 or so miles on 964s, early Boxsters, and '95 993s Porsches; but it might need resetting after the open battery connection. '96 993s OBD2s, '97 Boxsters, and '99 996s onward, it gets to be a more serious problem. Therefore, get a 12V plug in device for the cigarette lighter or MP3 connection, or a small 12v one across the terminals as you pull the car battery ground. You can also use a power pack battery to keep voltage. See your manual on order of pulling and replacing the battery IF you are needing to do it. It is always best to be safe! Remember, no big batteries across each other!! I use battery boosters (read starter packs) which have resistance in them to not fight your battery.

John Mueller wrote an excellent article on prepping your car during the year some months ago in SPIEL! USE IT DURING THE YEAR!

By: Paul N Risinger