Detailing Tech Session

Exterior

- I am a husband, father to a 3 year old daughter, and step-father to a 16 and 12 year old sons.
 I classify myself as a professional hobbyiest.

 Meaning I do this for money, but I also have a day job working for a local construction company.

 I have always enjoyed having a well maintained car. Inside and out.
 Enjoy taking as a series of the state of the sta

- Enjoy taking cars paint to a better, shinier condition
- A lot of the products mentioned in this presentation are the ones I use or am familiar with.

When some element has sat and baked into the paint. The components have eaten into to the surface. Simplest Kinds Bird Droppings Full of whatever the bird ate. Typically acidic. Water Spots • How to Remove A Microfiber with detail spray. Lift off, not scrub.





 Make sure the paint is cool to the touch • Use a pH balanced car

Use enough soap to keep paint lubricated

• Use a quality wash mitt

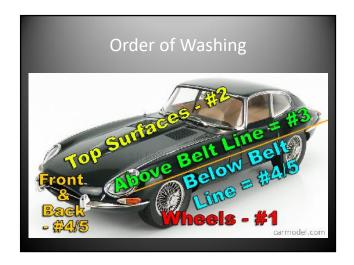
• Stay above belt line then move to bottom and

finally the back of the

vehicle.







Waterless Washes

- Does not mean water is not involved
 - Water is mixed with a wash solution, high in lubricants.
 - The water hose or power washer is not used to rinse the vehicle.
- Great for washing in cold weather or foul weather conditions in a garage or carport.



Wheel Cleaning

Do's

- Wheels and brakes cool to touch
- Use a dedicated cleaning solution for your type of whee
- Wash wheels first before paint, keep your tools in your dedicated wheel bucket
- Wash/brush tires in with bristle brush while cleaning wheels.

Don'ts

- Use an acid wheel cleaner
 - Can eat away clear coat /
 tinted wheel (like hyperchrome)
- Use your car wash mitt on wheels



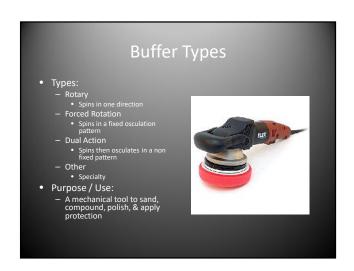


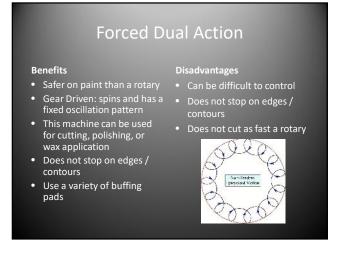




Paint Meter • Define: - Used to measure total paint depth to metal. • Use: - To check paint thickness before and during compound/polishing - To check if vehicle has been repainted/body work • Anything less than 4 mils of paint is danger zone for paint correction

Rotary / High-Speed Buffer Benefits Olisadvantages Leaves behind holograms, trail marks, swirls Use a variety of buffing pads Disadvantages Leaves behind holograms, trail marks, swirls Difficult to control Easy to burn paint

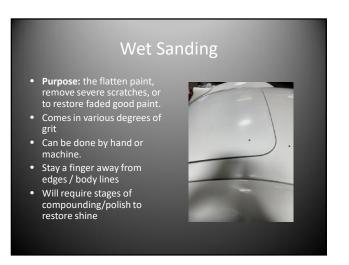




Benefits • Safest for paint as it stops on edges / contours • Comes in a variety of throws (MM) • Free spinning. Counter weight creates the oscillation. • This machine can be used for cutting, polishing, or wax application • Use a variety of buffing pads

Buffing Pads for Machines Often a Hook & Loop to a backing plate Types Foam Comes in a variety of stiffness. Soft to Firm. Wool Microfiber















Paint Sealant

- Can create a warm glow like wax. Often has a glassier look Durability: Medium 3 months to 1 year +
- - More resistant to environment conditions
- Different products have different application processes
- Can be hand or machine applied.

Coatings (Ceramic or Graphene)

Benefits

- Great protection to your paint short of wrapping your vehicle
- Creates a very reflective shine (individual style/opinion)
- Resists etching by bird droppings, water spots, and chemicals (sacrificial layer)
- Years of protection with proper maintenance

- Paint needs to be paint corrected before application
- A prep agent is used to remove polishing oils before application
- If coating is not 100% wiped off, it will haze and create a dull spot.
- Still will etch, water spot, and scratch

Coatings (Ceramic or Graphene)

- Creates a glass / high gloss look
- Durability: Long
 - 1 year +
 - Resists environmental conditions
- Products range from consumer application to certified professional application.



















Tops and Windows



Convertible Top Cleaning

- Canvas / Cloth
 - Cleaning Products: Raggtopp, Griot's Convertible Top Cleaner, or various pH balanced interior/carpet cleaners.
 - Protectants: Raggtopp or Griot's Fabric
 - Protectant
- - Cleaning Products: 303, RaggTopp, or Griot's Interior Cleaner
- Protectents:
 - RaggTopp, Griot's Interior Detailer, 303

The idea is to make water bead up and environmental elements sit on top of surface

- Use two towels
 - One to move around window solution, one to
- Don't be afraid of using product.
- Use one direction for inside, one direction for outside. So if there is streaking, you know where it is.
- Avoid ammonia window cleaners on aftermarket tinted windows

Related Topics

Car Cover

This is strictly my opinion to why or why not

- - Keeps dirt or other environmental elements off vehicle
 - Great to use if your garage is used for things while car is parked inside
- Disadvantages
 - Can rub dirt around while removing / installing
 - Can trap forced debris
 - Can trap moisture

Wipe off car with a microfiber and some detail spray using once side per wipe or hose off with water.

California Duster dirt/dust easy.

- Great way to scratch paint by moving dirt around
- - Use a microfiber with detail spray. Use one quadrant per wipe
 - Hose off vehicle with water or use a spray cannon for a semi-touchless wash.

Types of Microfiber Towels

- Various kinds of microfibers. Microfibers dedicated only for glass to microfibers for soft paint.
- Nothing wrong with Costco yellow microfiber towels
- Microfiber towels are rated in GSM (grams per meter).
- Don't think a higher GSM is always better.
- Don't use your wheel rags on paint. Color coating or dirty coding is a great way to separate
- To clean:
 - Wash in cold water and dry on tumble dry.
 - Don't use powder soap...only use liquid soap
 - They do make microfiber cleaner. They do work better than laundry soap alone.

- Visit THE RAG COMPANY

 - Have a huge selection for various purposes

Interior Detailing

- Use a dedicated interior cleaner for your surface
- Use a brush or rag to agitate area to clean.
 - I use Griot's Interior Cleaner. It's pH balanced and safe on Leather, cloth, plastics, and
- Use a surface specific protectant

- Use an All Purpose Cleaner (AP) and attack your
 - If mixed wrong (ratio), it can stain or remove dye.
 - It can reactivate when it gets
 - However, it can be very useful to remove stubborn stains if
- Classic ArmorAll

Interior Detailing

Interior Protection

- - Wipe on whole interior,
 - Use a spray leather conditioner on perforated seats. A gel/cream will get into the pores.
- Cloth
 - Use a Scotchguard or Griot's Fabric Protetant
- - You can use a leather conditioner if you want.
 I like to use Griot's Interior Detailer. This has UV inhibitors, non-glossy, and does not attract dust quickly.













Engine, Chassis, & Suspension

- Purpose:
 - To clean, degrease, & protect plastics, chrome, aluminum.
- Cautions:
 - Electrical items and air intake system
- Products: Test your product before use in a non-visible area.
 - Example: Griot's Engine Cleaner
 - It may take several applications, but safe is always better.
 - Aluminum: Mothers Mag Cleaner