

SERVICE BULLETIN

APPLICABILITY

ALL SUBARU MODELS

DATE

02-05-92

SUBJECT: WATER SPOTTING ON THE PAINT SURFACE

If you receive a complaint of water spots on the paint surfaces that leaves a residue that will not wash off during routine washing and drying of the vehicle, surface compounding and polishing may be necessary. Most complaints of water spotting and light etching can be repaired without repainting.

Use the following repair procedure to determine the extent of the condition:

Using the materials listed below, hand apply a small amount of polishing compound to a small affected area. Polish the area vigorously according to the material directions.

Clean off the area and examine the surface. If the water spots are removed satisfactorily, use the hand applied compound and polishing recommendations. If the water spots are not successfully removed by hand use, then machine buffing or surface sanding may be required. Surface sanding should only be done after buffing attempts prove unsuccessful.

NOTE: A BODY SHOP PROFESSIONAL IS PREFERRED WHEN SURFACE SANDING AND MACHINE BUFFING BECAUSE OF THE HIGH LEVEL OF SKILL REQUIRED.

MATERIALS REQUIRED

Hand Application

1. Medium Compound - 3M Imperial Microfinishing Compound, Part Number 06031 (Gal.) Paste or equivalent.
2. Finishing Polish - 3M Imperial Machine Glaze, Part Number 05991 (Qt.) or equivalent.

Machine Buffer Application

1. Medium Compound - 3M Imperial Microfinishing, Part Number 06031 (Gal.) Paste or equivalent.
2. Fine Compound - 3M Imperial Microfinishing Glaze, Part Number 05992 or equivalent.
3. Final Polishing - 3M Perfect-It Foam Polishing Pad Glaze, Part Numbers 05995 (White) for light colors and 05996 (Dark) for dark colors.

Buffing Pad Recommendations for Machine Application

For medium and fine compound, use 3M Hookit SBS System Compounding Pad, Part Number 05712, along with back-up pad, Part Number 05717 or equivalent.

For applying Perfect-It Foam Pad Polishing Glaze, Foam Polishing Pad, Part Number 05725 or equivalent.

INSTRUCTIONS FOR USE

NOTE: THE COMPOUNDING AND POLISHING INFORMATION WAS DEVELOPED BY THE MANUFACTURERS OF THESE PRODUCTS. BECAUSE THESE INSTRUCTIONS ARE UPDATED ON A CONTINUOUS BASIS, MANUFACTURERS OF COMPOUNDS AND POLISHES HAVE REQUESTED THAT DEALERS CONTACT THEIR LOCAL PAINT AND CHEMICALS JOBBER/DISTRIBUTOR FOR THE MOST UP-TO-DATE INFORMATION.

3M RECOMMENDATIONS FOR USE OF THEIR MATERIALS

For hand application use the chemical spotting, minor scratch removal instructions without using a machine buffer.

For machine use, follow the same instructions for minor scratches, chemical spotting, etc.

CAUTION

VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.

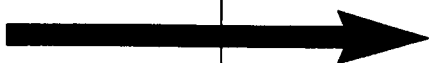
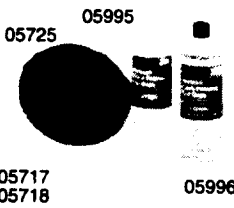


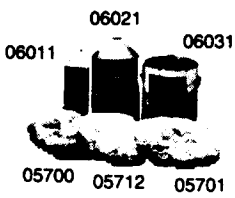
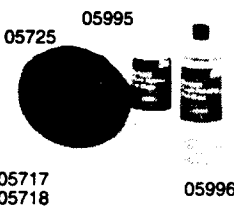

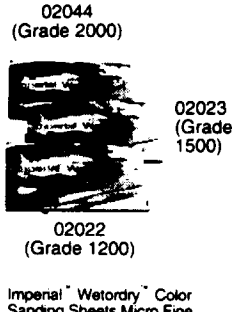
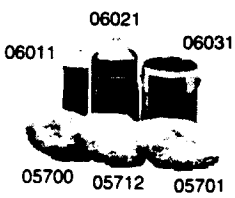
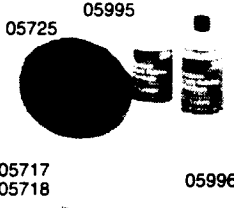

NOTE: THE FOLLOWING MATERIALS AND RECOMMENDATIONS ARE TRADEMARKS OF THE 3M AUTOMOTIVE TRADES DIVISION.

The 3M Perfect-It™ Paint Finishing System for the Ultimate Finish

For Use on all Refinish or Factory Applied Automotive Paints

Important Information and Instructions for Use

1. Make certain the paint surface is clean and dry before using the Perfect-It Glaze and Foam Pad. Compound residue can contaminate the foam pad adversely affecting the finish. Excess water can dilute the Perfect-It Glaze causing poor performance.
2. High speed polishers will cause the Perfect-It Glaze to dry fast and can cause smearing. Recommended speed is 1500-2000 rpm.
3. Buff a small section two feet by two feet or smaller. This is especially important in hot weather or when buffing areas where obstructions such as door handles, moldings or wheel well areas make buffing difficult.
4. Use small amounts of glaze. Apply only enough glaze to allow one to two series of wet passes over the section before the glaze begins to dry. Using too much glaze will cause the pad to load prematurely and increase the possibility of smearing.
5. Keep the glaze on the outer one-third of the pad face. Hold the foam pad at a slight angle while triggering the polisher to spread the glaze. This technique will aid in concentrating the glaze on the outer one-third of the pad face and prevent the center of the pad from loading.
6. A Perfect-It™ Foam Polishing Pad is worn out and should be replaced when either the foam face or the fabric backing is no longer functional. The fabric backing will eventually wear out with repeated attachment/removal from the back of pad. Because of the excellent durability of the foam face, some Perfect-It™ Foam Polishing Pads will need to be replaced before the foam face wears out.
7. Remove waxes or paint sealants before buffing new or used cars. Waxes and sealants can cause smearing of Perfect-It™ Glaze.

Paint Condition	Recommended Repair Procedure			
	Wet Sanding	Compounding	Machine Glazing	Hand Glazing*
Wheel Marks Low Gloss New Car Prep Light Oxidation			 <p>05725 05995</p> <p>05717 05718 05996</p> <p>Perfect-It™ Foam Polishing Pad Glaze Perfect-It™ Foam Polishing Pad Hookit™ SBS™/Perfect-It™ Backup Pad</p>	 <p>06000 05990</p> <p>Imperial™ Hand Glaze</p>
Minor Scratches Overspray Chemical Spotting Heavy Oxidation		 <p>06011 06021 06031</p> <p>05700 05712 05701</p> <p>Imperial™ Microfinishing Compound Superbuff™/Hookit™ SBS™ Compounding Pads</p>	 <p>05725 05995</p> <p>05717 05718 05996</p> <p>Perfect-It™ Foam Polishing Pad Glaze Perfect-It™ Foam Polishing Pad Hookit™ SBS™/Perfect-It™ Backup</p>	 <p>06000 05990</p> <p>Imperial™ Hand Glaze</p>
Orange Peel Dust Nibs Paint Runs or Sags Acid Rain Pitting	 <p>02044 (Grade 2000)</p> <p>02023 (Grade 1500)</p> <p>02022 (Grade 1200)</p> <p>Imperial™ Wetdry™ Color Sanding Sheets Micro Fine</p>	 <p>06011 06021 06031</p> <p>05700 05712 05701</p> <p>Imperial™ Microfinishing Compound Superbuff™/Hookit™ SBS™ Compounding Pads</p>	 <p>05725 05995</p> <p>05717 05718 05996</p> <p>Perfect-It™ Foam Polishing Pad Glaze Perfect-It™ Foam Polishing Pad Hookit™ SBS™/Perfect-It™ Backup Pad</p>	 <p>06000 05990</p> <p>Imperial™ Hand Glaze</p>

*May be an optional step. In field testing painters often said Imperial Hand Glaze was not needed.