



# BBCV HOOD MAINTENANCE AND APPROVED POLISHING PROCEDURE **UPDATE**

## Models Affected: BBCV Hoods with Monocoat Paint FROM 2007 MODEL YEAR TO DATE

The BBCV Driver's Handbook makes recommendations to the owner/operator for care and maintenance of the exterior of the bus in the section titled 'Keeping Your Bus Looking New'. The Handbook recommends that the bus be washed a minimum of once every 3-months & waxed a minimum of once a year.

This update provides the PPG approved procedure to polish BBCV hoods painted with PPG Original Equipment Manufacturer's paint.

**WARNING: Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment when performing these procedures. Thoroughly read and understand all instructions before performing maintenance.**

### PPG Approved Procedure to Polish Hoods with PPG OEM Paint

Before beginning Step # 1, the bus hood must be washed with a clean cloth in warm water mixed with mild dishwashing detergent (soap), rinse off with water, and then wiped clean with a soft cotton towel to ensure that the hood is free from all foreign materials (dirt, dust, grease, etc.) .

#### STEP #1 – OXIDATION REMOVAL

Equipment needed: Variable Speed Polisher, electric or compressed air powered  
1200 – 2000 RPM

Materials needed: 3M Perfect-It Plus foam polish pad (3M PN-05737), 3M Perfect It Rubbing Compound (3M PN-06085), and 3M Perfect-It yellow detail cloth (3M PN-06016). Should be aggressive enough to remove oxidation but to allow removal of swirl marks via steps 2 and 3 below.

1. Machine polish the painted surface: Ensure that the area to be polished is free from dirt before starting this procedure. Apply the machine polish material to the foam pad and then apply light to medium hand pressure while continually moving the polisher across the painted surface, repeat as needed based upon the area to be polished (estimated time to complete polishing is 10 seconds per square foot).  
Suggested Polisher Speed: 1200-2000 RPM
2. Wipe the treated area with a 3M Perfect-It yellow detail cloth.  
Note: For optimum results ensure that no residue is on the polished area after wiping with the detailing cloth (may need to use water and cloth followed by dry cloth).



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## STEP # 2 – POLISHING

Equipment needed: Variable Speed Polisher, electric or compressed air powered  
1200 – 2000 RPM

Materials needed: 3M Perfect-It Plus foam polish pad (3M PN-05738), 3M Perfect-It  
machine polish (3M PN-06064), and 3M Perfect-It yellow detail cloth (3M PN-06016)

1. Machine polish the painted surface: Ensure that the area to be polished is free from dirt before starting this procedure. Apply the machine polish material to the foam pad and then apply light to medium hand pressure while continually moving the polisher across the painted surface, repeat as needed based upon the area to be polished (estimated time to complete polishing is 10 seconds per square foot).  
Suggested Polisher Speed: 1200-2000 RPM

2. Wipe the treated area with a 3M Perfect-It yellow detail cloth.

Note: For optimum results ensure that no residue is on the polished area after wiping with the detailing cloth.

## STEP # 3 – FINAL FINISHING

Equipment needed: Variable Speed Polisher, electric or compressed air powered  
1200 – 2000 RPM

Materials needed: 3M Ultrafine foam polishing pad (3M PN-05733), 3M Perfect-It Ultrafine machine polish (3M PN-06068), 3M Perfect-It Clean and Shine (3M PN-06084), and 3M Perfect-It blue detail cloth (3M PN-06020)

1. Machine polish the painted surface: Apply the ultrafine machine polish material to foam pad and then apply only light hand pressure while continually moving polisher across the painted surface, repeat as needed based upon the area to be polished (estimated time to complete polishing is 10 seconds per square foot).  
Suggested Buffer Speed: 1200-2000 RPM



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DO NOT BUFF DRY – LEAVE A WET FILM ON THE SURFACE.

2. Final hand wipe: Mist the painted surface with the 3M Perfect-It Clean and Shine material and wipe off with the 3M Perfect-It blue detail cloth.

## STEP # 4 – APPLY COLLINITE WAX

Equipment needed (Optional): Random orbital polisher, electric or compressed air powered. This equipment is optional since this wax can also be hand applied to the hood.

Materials needed: 3M Ultrafine foam polishing pad (3M PN-05733), Collinite's # 845 Insulator Wax, and soft wiping cloth.

Note: To achieve optimum results when applying the wax, many body shops have found that saving the pad in a sealed, air tight plastic bag keeps the pad and the wax moist so that it can be used multiple times.

1. Machine polish the painted surface: Apply the Collinite #845 material to foam pad and then apply only light hand pressure while continually moving polisher across the painted surface, repeat as needed based upon the area to be polished (estimated time to complete polishing is 5 to 10 seconds per square foot). As previously mentioned, this wax can also be hand applied with a 3M Poly Foam Applicator pad or a 3M Cobra Microfiber Applicator pad (keeping the wax applicator moist also provides optimum results).
2. Allow to dry to a haze and then polish off by hand with a clean, dry, soft cloth.

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See photo below for a comparison of the polished and buffed side to the non-polished and buffed side.



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