



Science.  
Applied to Life.™

A technician wearing a white protective suit with a 3M logo on the chest, blue gloves, and a white respirator mask is using a dual-cartridge polishing machine on the hood of a dark-colored car. The machine has a red and yellow polishing pad. The background shows a workshop setting with various tools and equipment.

**A Solution for  
Every Scenario.**

3M Automotive Aftermarket Division



Trusted by automotive bodyshop professionals worldwide, our colour-coded products make it easy to choose the right tools for the job. Ideal for use on all automotive and marine paint – including hard and scratch-resistant – they'll help you work, step-by-step, to achieve that perfect showroom finish.

## Health and Safety.

To protect against the respiratory, hearing and eye hazards that can be caused by bodyshop repair processes, control measures should always be put in place.

Suggested PPE includes:

- 3M Respirators
- 3M Hearing Protection
- 3M Eye Protection

Please note, it is ultimately the responsibility of the employer to select the most appropriate control measures, based on a full risk assessment.

# Scenario 1.

## The Ultimate Finish.

3-stage process for dark cars // 2-stage process for light cars.

### 1. Compound

Work a small amount of 3M™ Perfect-It™ III Fast Cut PLUS Compound (50417) into a 3M™ Compounding Pad (50487). Begin using the rotary polisher, working a small area at a time and making sure to reapply the compound for each new area. A 3M™ Scotch-Brite™ High Performance Cloth (60671) can be used with 3M™ Glass Cleaner (80631) to check if all sanding marks have been removed.

### 2. Polish

Place a small amount of 3M™ Perfect-It™ III Extra Fine PLUS Compound (80349) onto a 3M™ High Gloss Polishing Pad (50488). Move the polisher across the panel until a high shine is achieved. Remove any residue with 3M™ Scotch-Brite™ Yellow High Performance Cloth (60669).

### 3. Finish

Apply a small amount of 3M™ Perfect-It™ Ultrafina™ SE (50383) to a 3M™ Perfect-It™ Ultrafina™ Foam Polishing Pad (50388). Begin with medium pressure to remove swirls and holograms, and then less pressure to achieve the ultimate finish. Finally, remove any residue with a 3M™ Scotch-Brite™ High Performance Cloth (60670).



## Scenario 2.

### The Quick Throughput.

2 stage // 1 compound process.

3M™ Perfect-It™ III Fast Cut PLUS Compound is the smart choice for professionals. This fast-acting, high-performance liquid abrasive is designed to remove sanding scratches from both refinished and AOEM paintwork, for an immaculate finish. This process delivers fantastic results, fast!

Using a polisher, work 3M™ Perfect-It™ III Fast Cut PLUS Compound (50417) across the panel using a 3M™ Perfect-It™ Green Compounding Pad (50487). After finishing this step, apply a light spray of water to the panel. Then work across the panel for a second time using the 3M™ High Gloss Yellow Polishing Pad (50488).



## Scenario 3.

### Hard/Scratch-resistant Lacquers.

This process makes it easy to achieve a superior level of cut on scratch-resistant paint, or paint that has had a longer curing time.

Make an assessment of the paintwork. A wool compounding head can be used to offer a more aggressive cut compared to standard 3M pads.

Choose the appropriate compound and the corresponding pad. Deep scratches require 3M™ Perfect-It™ III Fast Cut PLUS Compound (50417) or 3M™ Perfect-It™ Fast Cut XL Compound (51052), whereas 3M™ Perfect-It™ III Extra Fine PLUS Compound (80349) can be used on lighter scratches. Work a small amount of 3M compound into the pad and pass across the panel using a polisher. To remove residue, use a 3M™ Scotch-Brite™ Green High Performance Cloth (60671).

For hard/scratch-resistant lacquers, flat down the area and use the 3 stage ultimate finish process substituting the 3M™ Green Pad for a 3M™ Wool Pad. 3M™ Perfect-It™ III Extra Fine PLUS Compound (80349) should be used to remove age-related surface scratches from aged paint.



## Scenario 4. Paint Defect Removal.



Paint imperfections can be removed using a 3M™ 260L Micro Finishing Disc with an interface pad on a sander. For smaller areas, choose the appropriate abrasive grade and size, with the corresponding block from the 3M™ Paint Defect Removal System.

Scratches caused by removing paint imperfections can be refined using a 3M™ Trizact™ Fine Finishing Disc P3000, and then perfected even further with a 3M™ Trizact™ Fine Finishing Disc P6000. Finally, the 3M™ colour-coded system can be used to achieve the ultimate finish.



# Products.



## Compounds

Part Number	Product Name
50417	FAST CUT PLUS
50383	ULTRAFINA
80349	EXTRAFINE PLUS

## Ultrasoft Cloths

Part Number	Product Name
50400	YELLOW ULTRA SOFT CLOTHS
50486	BLUE ULTRA SOFT CLOTHS
50489	PINK ULTRA SOFT CLOTHS

## High Performance Cloths

Part Number	Product Name
60668	MIXED (YELLOW, BLUE, GREEN) SCOTCH-BRITE™ HIGH PERFORMANCE CLOTHS
60669	YELLOW SCOTCH-BRITE™ HIGH PERFORMANCE CLOTHS
60670	BLUE SCOTCH-BRITE™ HIGH PERFORMANCE CLOTHS
60671	GREEN SCOTCH-BRITE™ HIGH PERFORMANCE CLOTHS

## Standard Pads

Part Number	Product Name
50388	BLUE 150MM
50457	BLUE HIGH GLOSS 75MM
50487	GREEN 150MM
50488	YELLOW 150MM
50499	GREEN 75MM
50536	YELLOW GLOSS PAD 75MM
09378	HIGH GLOSS PAD
09550	COMPOUNDING PAD
01927	WOOL BUFFING PAD

## Standard Pads

Part Number	Product Name
50708	BLUE
50874	GREEN 216MM
50875	YELLOW 216MM
50878	GREEN 150MM
50879	YELLOW 150MM
50880	BLUE 150MM

# Training & Support

3M Automotive Aftermarket Division has built a strong reputation for high-quality support and training. The range of support available includes technical advice, productivity and profitability training as well as occupational health advice.

Contact your local sales representative to find out more or visit [3M.co.uk/bodyshop](http://3M.co.uk/bodyshop) for more information.



**For more information visit: [www.3M.co.uk/bodyshop](http://www.3M.co.uk/bodyshop)**



**3M United Kingdom plc**  
0845 603 9714  
[aadukenquiries@mmm.com](mailto:aadukenquiries@mmm.com)

**3M Automotive Aftermarket Division**  
**3M Ireland Limited**  
Tel (00) 353 1 2160301  
Fax (00) 353 1 2803509

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