

Preface

This book is written for a wide range of students and professional practitioners in the field of vehicle body repair and re-finishing. It is a text book and reference work which covers the concepts, principles and skills needed to carry out effective vehicle body repair and re-finishing.

It will be useful for the professional practitioner whether working on current models or restoring vintage or classic cars. The DIY enthusiast will find it easy to read and useful as a work-shop manual when carrying out tasks, or projects, related to the vehicle body.

Students who are studying for NVQ, SNVQ, National Diploma, Higher National Diploma or Foundation Degree qualifications in motor vehicle engineering will find the book an ideal text and reference book for both the practical skills and the examinable content of those courses.

For NVQ/SNVQ students, Tables P1 and P2 will help in portfolio planning. Table P1 shows the qualification framework for Vehicle and Body Paint Operations Units from Automotive Skills Limited. Table P2 links the qualification framework with the contents of the book, showing which sections in the book relate to specific units. This table will help guide readers who are using the book as a course text or reference, with links to the underpinning knowledge and skills as well as to the material included in the NVQ assessment.

The book deals with the craft techniques needed for working with ferrous, non-ferrous metals and composite materials as well as with materials joining technologies and the use of body- and re-finishing shop equipment and tools. It is written to be as comprehensive as possible. I hope that the reader will enjoy it. If you have comments on this book, mail me at

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