383 Repair and Servicing of Road Vehicles Series
Levels 2 & 3

Engines and Related Systems

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MACMILLAN

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Preface

This book, along with its companion volume, *Transmission, Chassis and Related Systems*, have been designed specifically to meet the needs of students following the City and Guilds 383 Syllabus, Repair and Servicing of Road Vehicles, at Levels 2 and 3, and those taking other similar courses.

Undoubtedly the 383 syllabus is substantially different from its predecessors. Along with the very rapid advances in motor vehicle technology, it presents particular challenges by way of interpretation and implementation. There are also problems, with the syllabus, in avoiding overlap within the various elements, units and levels.

Much careful thought and considerable experience has gone into the content and style of these pages. There are, of course, areas where the editorial team would have preferred to have tackled certain topics somewhat differently, but were constrained by syllabus requirements. Equally however, there are some instances where desirable additional material has been included as an aid to greater understanding.

Naturally enough these books are concerned, as were their highly successful predecessors, with the classroom aspects of motor vehicle work. They do though help the teacher to conveniently provide a level of understanding that will enable students to achieve a confident knowledge of systems and components, and their operation in the work situation. In consequence, workshop tasks are not covered in fine detail. It is expected that such procedures will be taught at work or in garage practice classes. Similarly it is also expected that students will refer to appropriate workshop manuals and/or instruction sheets for the work in hand.

By a combination of such methods and proper completion of these books, a very high standard of training will be achieved. This should be fully sufficient to satisfy examination requirements, as well as providing students with a valuable source of reference and a permanent record of their studies.

Each book is presented in a sound, logical order, with syllabus references shown for convenience. It should though be realised that this is not necessarily always the most appropriate teaching order, which is likely to vary considerably according to available facilities and preferences.

The editor and authors wish success to everyone who uses these books. If you have any constructive suggestions that you would care to make about them, we should be most pleased to hear from you via Macmillan Education Ltd, Basingstoke.

Roy Brooks (Editor)

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