Transmission, Chassis and Materials

(381 part 2 including Applied Studies)

Editor Roy Brooks

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College
Employer

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Macmillan Motor Vehicle Craft Studies Series

Part 2
Motor Vehicle Craft Studies
Transmission, Chassis and Materials

(381 part 2 including Applied Studies)

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The contents follow, as far as practicable, the order of the City and Guilds syllabus. This often may well not be the best teaching/learning sequence, but it ensures a uniformly understandable order of presentation.

The publisher will be happy to suggest an effective scheme of work based on page numbers.

PREFACE

This book deals with vehicle transmission, suspension, steering, braking, body/chassis structure, materials and material joining as required by the syllabus 381 part 2 Light and Heavy Vehicle Mechanics, 'Transmission, Chassis and Materials'. The author, John Whipp, is head of the Motor Vehicle Section of the Moston College of Further Education, Manchester. He has had wide practical and teaching experience in these fields, as well as being a leading author in the earlier highly successful books in the Macmillan Motor Vehicle Craft Studies Series.

As before, the requirements of the City and Guilds syllabus have been faithfully adhered to. Similarly the book's aim is to save both student and teacher time in coping with the heavy demands of a necessarily very full syllabus.

Naturally the maximum benefit from this workbook will be realised if it is used in conjunction with its companion volume. This is *Engines and Electrics* by Jack Hirst, also a fully experienced series author. Anyone conscientiously completing these two books should easily pass their examinations in the appropriate topic areas.

Clearly the book is suitable for both Light and Heavy vehicle mechanics since very substantial areas of their work overlap. Where divergences do occur, then by taking note of the precise syllabus references (shown on each page), such sections can be omitted if desired.

Whilst wishing every success to those who use the books in this series, the production team realise that improvements are always possible. Constructive comments will be welcome. Send them to me, please, via the publishers – they will be most carefully considered.

Roy Brooks

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The motor vehicle staff of Moston College
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