Heavy Vehicle Technology (381)

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Macmillan Motor Vehicle Engineering Series

Heavy Vehicle Technology (381)

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ISBN 978-0-333-13798-7 ISBN 978-1-349-01598-6 (eBook)
DOI 10.1007/978-1-349-01598-6

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First published 1972

THE MACMILLAN PRESS LTD

London and Basingstoke

Associated Companies in

New York Melbourne Toronto Dublin Johannesburg and Madras

SBN 333 13798 1

PREFACE FOR STUDENTS

This book follows on directly from the Part 1 book which it is hoped you have used and enjoyed. Again, the aim with this book is to make the task of students easier and more rewarding by cutting down on the possibly wasteful and repetitious work that you would have to do within the framework of the old-fashioned system of note taking and sketch making.

It is suggested that where you write or sketch in the book, that you do so in pencil; simply so that if you do make any mistakes, they can be easily and neatly erased. Just because there are blank lines and spaces, it does not mean that every such space must be filled completely. They are provided so that you can add information to the extent you require.

The book has been very carefully structured so that much of the information you put into it can be about vehicles that are of special interest to yourself. This should make it an especially worthwhile and valuable record that can be shown to parents and employers as a positive indication of progress.

The units of measurement used throughout the book are predominantly the SI units, although where practicable the comparable Imperial units are also included. This, it is hoped, will help in the present period of transition, especially as certain items of motor vehicle work will have to be carried out using Imperial units for some time to come.

PREFACE FOR TEACHERS

This book is one of a pair that have been designed specifically to meet the requirements of the 381 (previously 551) Motor Vehicle Craft Studies Course in a stimulating and interesting manner; and as a direct follow-on to the Part 1 Book in this Series.

All the information has been carefully structured so as to appeal to the student and encourage him in his studies. He is saved much of the chore of note taking and laborious sketching which in itself can be a considerable obstacle for the less able student. The need for several writing and text books is avoided.

The form of presentation enables teachers to be relieved of many of the less attractive and time-wasting chores of lesson preparation and delivery, yet by the same token enables more time to be devoted to 'real' teaching.

Particular care has been taken to allow—within the confines of the syllabus—for the flexibility of approach so vital to the individual teacher; and also to allow students a certain degree of freedom of choice. However, the layout is such that marking and checking on the progress remains simple. Numerous sections could, if thought desirable, be set in place of traditional old-style homework.

In accordance with modern practice the book uses primarily the SI units of measurement, although where practicable, comparable Imperial units are also included. This it is hoped, will help in the present period of transition. However, the text has been carefully structured to allow the majority of the work to be done in the unitary system of the teacher's choice.

ACKNOWLEDGEMENTS

British Leyland Motor Corporation Limited
Audi N.S.U. Auto Union AG
Rolls-Royce Motors Limited
A-C Delco Division of General Motors Limited
Ford Motor Company Limited
Chrysler U.K. Limited
Champion Sparking Plug Company Limited
Dunlop Limited
Pirelli Limited
Avon Rubber Company Limited
Goodyear Tyre and Rubber Company (Great Britain) Limited
Telehoist Limited
Westinghouse C.V.B. Limited
Clayton Dewandre Company Limited
E. R. Maudsley Esq.
Telma Retarder Limited
The British Petroleum Company Limited
Crypton-Triangle Limited

British Standards Institution
Firestone Tyre and Rubber Company Limited
Joseph Lucas Limited
Vauxhall Motors Limited
Smiths Industries Limited
Automotive Products Group
Girling Limited
Halls Gaskets Limited
Holset Engineering Company Limited
CAV Limited
Tecalemit (Engineering) Limited
Eaton Axles Limited
Girling Limited
Takers Trailers Limited
T. Wolstencroft Esq.
D. Braund Esq.

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