

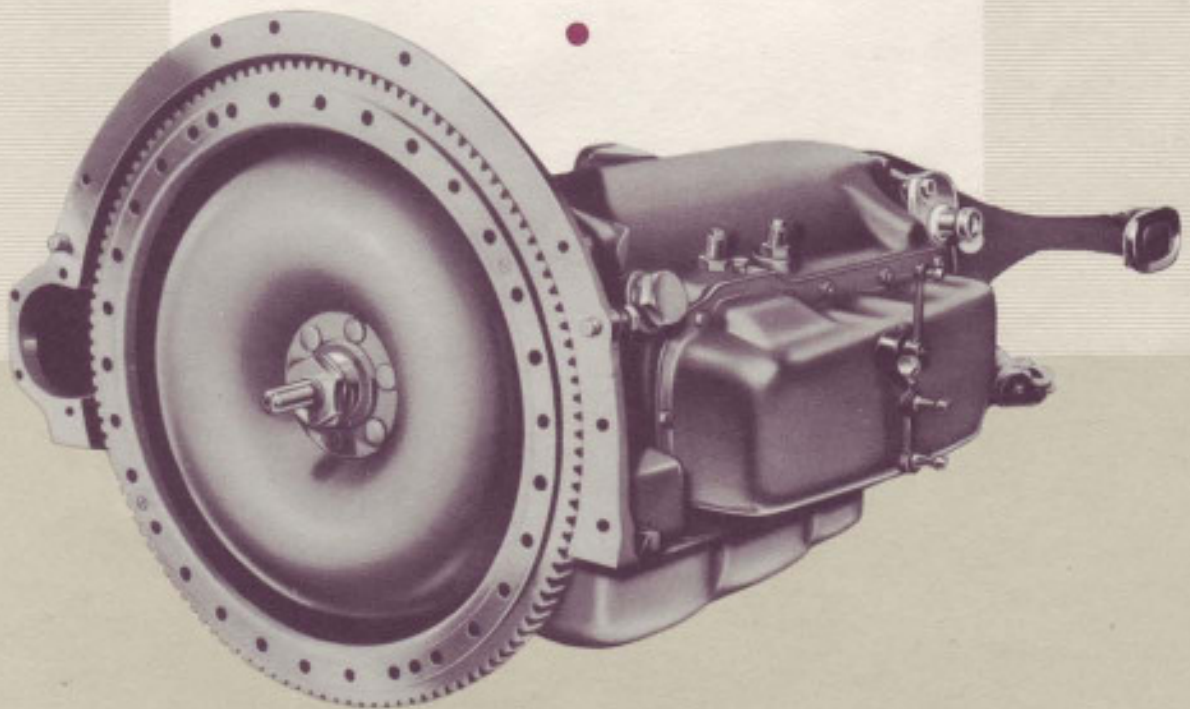


ROLLS-ROYCE

**Automatic Gearbox  
SERVICE MANUAL**

FOR

ROLLS-ROYCE AND BENTLEY CARS



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## PREFACE

The purpose of this manual is to provide those responsible for the maintenance and overhaul of the Rolls-Royce and Bentley Automatic Gearbox with information on proved methods of servicing.

The manual gives complete information on dismantling, assembling and adjusting the gearbox and, in addition, includes an explanation of the gearbox operation and a methodical sequence of fault investigation which is essential for quick and accurate diagnosis.

In addition to a description of the special tools required, information has been included to enable certain items of alternative equipment to be manufactured locally.

Information will be kept up to date by Service Bulletins, which will be issued to cover special instructions and modifications. The latest bulletin will, of course, override all previous instructions and provision is made at the back of the book for recording the reference number and subject which should be filled in on receipt of the bulletin. It is advisable also to endorse the superceded information, thus ensuring that the latest procedure only will be followed.

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### Service Bulletins

#### AMENDMENTS ISSUED

1. March 1955. Amended servicing periods and re-use of oil after 1000 mile servicing. Chap.2 Pages 3 and 4 cancel Service Bulletins 4 and 7.
2. June 1955. Refitting rear pump and governor drive gear. Chap.3 Sect.7 Page 1.
3. December 1955. Amended illustration Chap.1 Page 13 Fig.8.
4. January 1956. Oil type number amended, alternative supplier added. Page affected Chap.2 Page 4.
5. October 1957. Errors corrected. Pages affected - Chap.3 Sect.6 Pages 5 and 7, Sect.11 Page 1, Sect.13 Page 5, Sect.15 Page 1. Chap.4 Page 3.