

## MG MGB & MGB GT

# MG MGB & MGB GT Workshop Manual: AKD 3259

Official Workshop Manuals

## INTRODUCTION

This official factory workshop manual, Publication Part No. AKD 3259 (15th Edition), provides comprehensive instructions for the MG MGB and MGB GT four-cylinder models manufactured between 1962 and 1980. It also includes an Engine Emission Control Supplement, Publication Part No. Akd 4957 (5th Edition), detailing relevant systems and servicing procedures. This manual is intended for technicians and enthusiasts performing maintenance and repairs on these vehicles.



Image: Front cover of the MG MGB & MGB GT Workshop Manual, featuring the MG logo and title on a dark green background.

## HOW TO USE THIS MANUAL

This manual is organized into distinct sections, each covering a specific vehicle system or component. Users should refer to the relevant section for detailed instructions, diagrams, and specifications pertaining to

their task. It is recommended to read through the entire procedure before commencing any work. Safety precautions and proper tool usage are implicitly assumed throughout the manual.

## GENERAL VEHICLE DATA

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This section provides fundamental information necessary for understanding and working on the MG MGB and MGB GT models. It includes:

- General Data
- Engine Tuning Data

## ENGINE SYSTEMS

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Detailed instructions and diagrams for the engine and its associated systems are covered, including:

- Engine
- Ignition System
- Cooling System
- Fuel System
- Engine Emission Control Supplement: Equipment and Servicing, Crankcase Emission Control, Exhaust Emission Control (Exhaust Port Air Inspection, Engine Modifications System), Carburetters, Fuel Evaporative Loss Control System, Tuning Data, and Tune-up Chart.

## DRIVETRAIN

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This section addresses the components responsible for transmitting power from the engine to the wheels:

- Clutch
- Gearbox (including All Synchromesh types)
- Overdrive (including Type L.H)
- Automatic Gearbox
- Propeller Shaft
- Rear Axle and Rear Suspension (Three-quarter-floating and Semi-floating Type)

## CHASSIS AND STEERING

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Information regarding the vehicle's structural components and steering mechanism:

- Steering Gear
- Front Suspension
- Hydraulic Dampers
- Wheels and Tyres

## BRAKING SYSTEM

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Comprehensive details on the braking components and their maintenance:

- Braking System

## ELECTRICAL SYSTEM

This section covers the vehicle's electrical components and wiring:

- Electrical System
- Wiring Diagrams

## BODY AND ANCILLARIES

Information related to the vehicle's bodywork and other service items:

- Body
- Service Tool and Lubricants

## MAINTENANCE SCHEDULE AND LUBRICATION

This section outlines routine maintenance procedures and lubrication requirements to ensure optimal vehicle performance and longevity:

- Maintenance
- Lubrication Chart

## TROUBLESHOOTING

While specific troubleshooting guides are integrated within each system's section, the detailed descriptions of component function and repair procedures serve as the primary resource for diagnosing and resolving issues. Users should consult the relevant system chapter for diagnostic information.

## SPECIFICATIONS

Specification	Detail
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## WARRANTY AND SUPPORT

This workshop manual provides technical information for vehicle maintenance and repair. Information

regarding product warranty for the manual itself or support services for the MG MGB and MGB GT vehicles is not included within the scope of this document. For vehicle-specific warranty or support, please consult official MG resources or authorized service centers.