

MINI Cooper

2007 ▶ 2013 (R55, R56, R57)

Service Manual

This Bentley Manual is a comprehensive source of service information and specifications for MINI Cooper models from 2007 to 2013 (R55, R56, R57). The aim throughout this manual has been simplicity, clarity and completeness, with practical explanations, step-by-step procedures and accurate specifications. Whether you're a professional or a do-it-yourself MINI owner, this manual will help you understand, care for and repair your car.

Though the do-it-yourself MINI owner will find this manual indispensable as a source of detailed maintenance and repair information, the owner who has no intention of working on his or her car will find that reading and owning this manual makes it possible to discuss repairs more intelligently with a professional technician.



Bentley Technical
Without Technical Knowledge on the
Cooper Engine.



Close-up of the
Instrument Cluster for
resetting
COOL service items,
ECU Maintenance.



Close-up engine service,
including MINIOT cam-
shaft timing adjustment
and 1:2 Camshaft Timing
Check.



High-pressure fuel
pump assembly and filter
assembly, including heating
and fuel pump
and Fuel Tank and Fuel
Piping.



Comprehensive fuse,
circuit, and electronic
component locations.
ECU (Electrical
Component Locations)

Features

- Procedures for everything from changing the ATF to replacing a dirty cabin microfilter and resetting the CDS (condition based service) system. This manual tells you what to do and how and when to do it.
- Engine and cylinder head service with variable camshaft timing (VANOS) setup and adjustment, including Valvetronic service on N12, N16, and N18 engines.
- Drivability troubleshooting and detailed repair information for the Siemens DME engine management systems.
- Turbocharger and intercooler information, including component removal and replacement (Cooper S, JCW).
- Drivetrain maintenance, including troubleshooting, adjustment and repair of clutch, gearshift linkage and drive axles.
- Suspension repairs, including strut and control arm replacement procedures.
- Manual and automatic transmission removal, installation, seal replacement and external service.
- System repair information for antilock brakes (ABS), automatic stability control (ASC) and dynamic stability control (DSC).
- Heating and air-conditioning repair (HACS / EHC), including component replacement.
- Body adjustments and repairs for sunroof and convertible, including resetting of the roll-over protection system.
- Electrical system service, including an easy to use electrical component section with detailed illustrations and photos.
- Comprehensive wiring schematics, including fuses and grounds.
- MINI OBD-II diagnostic trouble codes, SAE-defined and OBD-II P-codes, as well as basic scan tool information and OBD-II diagnostic trouble codes (DTCs).
- MINI factory tolerances, wear limits, adjustments and tightening torques.

Models and engines covered

Cooper: 1.6 liter normally aspirated engine
(engine codes N12, N16)

Cooper S: 1.6 liter turbocharged engine
(engine codes N14, N18)

Transmissions covered

Manual: 5-speed Getrag 50565/510 for Cooper,
55565/5550 for Cooper S

Automatic: 6-speed with Activtronic, Auto (G6AF21WKA)



Mini Cooper Service Manual 2007 R56

Kenneth Ball

Mini Cooper Service Manual 2007 R56:

[MINI Cooper \(R55, R56, R57\) Service Manual](#) Bentley Publishers, 2011 The MINI Cooper Cooper S Clubman R55 R56 R57 2007 2011 Service Manual is a comprehensive source of service information and specifications for MINI Cooper models from 2007 to 2011 also known as the Mk II The aim throughout this manual has been simplicity clarity and completeness with practical explanations step by step procedures and accurate specifications Whether you're a professional or a do it yourself MINI owner this manual will help you understand care for and repair your car Engines covered N12 2007 2010 N14 2007 2010 N16 2011 N18 2011 Transmissions covered Automatic gearbox 6 speed AISIN GA6F21WA Manual gearbox 6 speed Getrag GS6 55BG for Cooper GS6 53BG for Cooper S

Mini Cooper (R55, R56, R57) Service Manual: 2007, 2008, 2009, 2010, 2011, 2012, 2013: Cooper, Cooper S, John Cooper Works (Jcw) Including Clubman, Con

Bentley Publishers, 2014-10-01 The MINI Cooper Cooper S Clubman R55 R56 R57 2007 2013 Service Manual is a comprehensive source of service information and specifications for MINI Cooper models from 2007 to 2013 Mk II The aim throughout this manual has been simplicity clarity and completeness with practical explanations step by step procedures and accurate specifications Whether you're a professional or a do it yourself MINI owner this manual will help you understand care for and repair your car Engines covered Cooper 1.6 liter normally aspirated engine engine codes N12 N16 Cooper S 1.6 liter supercharged engine engine codes N14 N18 Transmissions covered Manual 6 speed Getrag GS6 55BG for Cooper GS6 53BG for Cooper S Automatic 6 speed with Agitronic Aisin GA6F21WA

[MINI Cooper Service Manual](#), 2004 If you own one of these fabulous cars then you know how fun it is to drive And you probably know that your MINI is packed with some of BMW's latest automotive technology But if you want to maintain and repair your car yourself or just want to understand what's going on under the bonnet you'll be wanting the MINI Cooper Cooper S 2002 2004 Service Manual by Bentley Publishers This is the only comprehensive single source of service information and specifications available for MINI models from 2002 2004 The aim throughout this manual has been simplicity clarity and completeness achieved through practical explanations step by step procedures and accurate specifications Whether you're a professional technician or a do it yourself MINI owner this manual will help you understand care for and repair your car Bentley Publishers new MINI service and repair manual is based on factory information but is heavily supplemented by hands on experience and illustrations The service manual editorial team has disassembled and photographed several MINI models for this project in the Bentley Service Information Research Center

[Chilton's Mini 2002-11 Repair Manual](#) Martynn Randall, Peter T. Gill, 2012 Covers U.S. and Canadian models of Mk I models R50 Cooper 2002 through 2006 R52 Cooper Convertible Cooper S Convertible 2005 through 2008 R53 Cooper S 2002 through 2006 Mk II models R55 Cooper Clubman Clubman S 2008 through 2011 R56 Cooper Cooper S 2007 through 2011 R57 Cooper Convertible Cooper S Convertible 2009 through 2011 Includes John Cooper Works JCW models Does not include Countryman models or convertible top information

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Publishers,2010-08-01 The MINI Cooper Service Manual 2002 2006 is a comprehensive source of service information and specifications for MINI Cooper models from 2002 to 2006 The manual also includes coverage of the Cooper S models The aim throughout this manual has been simplicity clarity and completeness with practical explanations step by step procedures and accurate specifications Whether you're a professional or a do it yourself MINI owner this manual will help you understand care for and repair your car Models and engines covered Cooper 1.6 liter normally aspirated engine Cooper S 1.6 liter supercharged engine Transmissions covered Cooper Manual 5 speed transmission Midlands Getrag Cooper Automatic continuously variable transmission CVT Cooper S Manual 6 speed transmission Getrag Cooper S Automatic with Agitronic Aisin *Mini Cooper Service Manual 2002-2006* Bentley Publishers,2007 The MINI Cooper Service Manual 2002 2006 is a comprehensive source of service information and specifications for MINI Cooper models from 2002 to 2006 This manual supersedes our previous 2002 2004 manual with two more model years of coverage as well as new repair information for the Convertible model The manual also includes coverage of the Cooper S models The aim throughout this manual has been simplicity clarity and completeness with practical explanations step by step procedures and accurate specifications Whether you're a professional or a do it yourself MINI owner this manual will help you understand care for and repair your car Though the do it yourself MINI owner will find this manual indispensable as a source of detailed maintenance and repair information the owner who has no intention of working on his or her car will find that reading and owning this manual will make it possible to discuss repairs more intelligently with a professional technician *Bibliographic Guide to Technology* New York Public Library. Research Libraries,1989 *Mini Cooper, 1961-70 Autobook* Kenneth Ball,1970-01-01 **The Austin Mini and Mini Cooper Workshop Manual (ADO15).** British Motor Corporation Service,British Motor Corporation. BMC Service Division,1962 **Mini 2002 thru 2013 Haynes Repair Manual** Editors of Haynes Manuals,2018-10-23 With a Haynes manual you can do it yourself from simple maintenance to basic repairs Haynes writes every book based on a complete teardown of the vehicle where we learn the best ways to do a job and that makes it quicker easier and cheaper for you Haynes books have clear instructions and hundreds of photographs that show each step Whether you are a beginner or a pro you can save big with a Haynes manual This manual features complete coverage for your Mini covering Routine maintenance Tune up procedures Engine repair Cooling and heating Air conditioning Fuel and exhaust Emissions control Ignition Brakes Suspension and steering Electrical systems and Wring diagrams This manual covers Mini Cooper Cooper S Clubman and Clubman S built between 2002 and 2013 **Owners Workshop Manual for the Mini** Martynn Randall,Pete Gill,2005-01-01 This practical manual covers the new Mini including Cooper and Cooper S petrol models July 2001 to 2005 The major mechanical aspects of Cabriolet are featured but the guide does not cover diesel models *Mini Service and Repair Manual* Haynes Publishing,Martynn Randall,2014-12 Including step by step instructions for carrying out servicing and maintenance work this book includes hints tips and valuable short cuts that can help make car maintenance easier *Mini*

owners workshop manual ,1978 **Mini Cooper 1961-72 Autobook** Kenneth Ball,1972 *The Austin Mini and Mini Cooper Workshop Manual* British Motor Corporation,1962 **Workshop Manual for Morris-Austin Mini Including Mini Cooper, Cooper S, 1961 - Onwards** ,1964 **Mini Coope** Bentley Publishers,2009 Diagnostic tools and techniques Component descriptions and operation Circuit wiring schematics Pinout charts waveforms and nominal values Bus system operation and testing OBD II P code DTC lookup This MINI Cooper Diagnosis Without Guesswork handbook is a diagnostic manual written for the professional technician and the MINI enthusiast Not intended to be a repair manual this handbook is your comprehensive source for engine management and on board system diagnosis **Mini Cooper Service Manual, 2002-2004** British Leyland Motors,2003-01-01 *Mini 2002 thru 2013 Haynes Repair Manual* Editors of Haynes Manuals,2018-10-23 With a Haynes manual you can do it yourself from simple maintenance to basic repairs Haynes writes every book based on a complete teardown of the vehicle where we learn the best ways to do a job and that makes it quicker easier and cheaper for you Haynes books have clear instructions and hundreds of photographs that show each step Whether you are a beginner or a pro you can save big with a Haynes manual This manual features complete coverage for your Mini covering Routine maintenance Tune up procedures Engine repair Cooling and heating Air conditioning Fuel and exhaust Emissions control Ignition Brakes Suspension and steering Electrical systems and Wring diagrams This manual covers Mini Cooper Cooper S Clubman and Clubman S built between 2002 and 2013 Workshop Manual for Morris-Austin Mini ,1964

Unveiling the Magic of Words: A Report on "**Mini Cooper Service Manual 2007 R56**"

In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Mini Cooper Service Manual 2007 R56**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve into the book's central themes, examine its distinctive writing style, and assess its profound effect on the souls of its readers.

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