

## 2002 Subaru Impreza Car Complete Service Manual

The book that every owner of this popular, rally-bred sports sedan should own.

Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it ' s practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

Consumer guides & advice.

For 30 years some of the most talented and bravest drivers have battled across the continents of the world to claim what is arguably motorsport's toughest prize: the World Rally Championship. Now a multi-million dollar, global technology battle and terrestrial television phenomenon played out over the frozen wastes of Finland, the dusty plains of Australia and the sun-kissed mountain roads of Corsica, the WRC has reached its 30th birthday. This book celebrates that important milestone and paints an exhaustively detailed picture of the people and personalities who have shaped this great sport. The Complete Book of the World Rally Champions provides a biographical account of the 65 men who have won at least one World Championship Rally since 1973. The biographies are compiled by the sport's leading writers and historians and complemented by stunning photography. The book includes a detailed and accurate statistical career record of each driver, plus highlights of all the significant cars.

War of Souls

The Road Car and WRC Story

The Complete Story

Haynes Repair Manual

2003 Complete Guide to Used Cars

Buying a car is a personal choice that has become a more complex decision because of advances in technology, and reliability issues that are haunting some car makers. Many consumers look to Zack Spencer, the host of Driving Television, for straightforward, no-nonsense, expert advice. In Motormouth, you will find out which vehicles are the safest, most reliable, and best value for your hard-earned dollar. In an easy-to-understand format, you will get: Fuel economy ratings Pros and cons for performance, handling, comfort, and ease-of-use Standard safety features J.D. Power Initial Quality and Dependability scores Base warranty information Engine specifications Pricing for base models Reviews of option packages and trim levels Zack's Top Picks for each category Zack provides insider buying tips to help you, whether you are buying privately, off the internet, or making the rounds to different dealers. He also advises you on your decision to lease, purchase or finance. At your fingertips are strategies and lessons learned from people's adventures in car buying, some with happy endings and others not-so-happy. From a fuel-sipping family friendly hauler to a rubber-burning luxury sports car, you can rely on Motormouth 2011 edition for the information you need to make a wise purchase decision. Go prepared and don't get stuck with a lemon. Take Motormouth along for the ride.

Lemon-Aid guides steer the confused and anxious buyer through the economic meltdown unlike any other car-and-truck books on the market. U.S. automakers are suddenly awash in profits, and South Koreans and Europeans have gained market shares, while Honda, Nissan, and Toyota have curtailed production following the 2011 tsunami in Japan. Shortages of Japanese new cars and supplier disruptions will likely push used car prices through the roof well into 2012, so what should a savvy buyer do? The all-new Lemon-Aid Used Cars and Trucks 2012-2013 has the answers, including: More vehicles rated, with some redesigned models that don ' t perform as well as previous iterations downrated. More roof crash-worthiness ratings along with an expanded cross-border shopping guide. A revised summary of safety- and performance-related defects that are likely to affect rated models. More helpful websites listed in the appendix as well as an updated list of the best and worst "beaters" on the market. More "secret" warranties taken from automaker internal service bulletins and memos than ever.

Provides reviews and ratings of new cars, along with details on safety features and the results of crash testing.

The Complete Owner's Manual · Details on how to unlock every secret car · The best racing lines for all tracks · Expert racing lessons to help you dust your competition · Customization hints and tips to get the most out of your vehicles · Complete driving basics to bring you from beginner to expert

Buying, Enjoying, Maintaining and Modifying

All Turbo Models 1992 to 2007

Third Generation L322 (2002-2012)

Subaru Impreza 2002 thru 2011, Impreza WRX 2002 thru 2014, Impreza WRX STI 2004 thru 2014

The Auto Guide 2002

Complete coverage for your Subaru Legacy (10-16) & Forester (09-16):

This unique handbook assumes no starting knowledge of vehicle aerodynamics. It begins with simple ideas and finishes with sophisticated and effective aerodynamic modifications that work. Three major chapters cover on-road testing techniques that give you all the information you need to decide what modifications you should make – and, after you’ve made them, how well they work. Low-cost techniques allow you to visualise the patterns of airflow over your car so that you can actually see the problem areas that need improvement. Uniquely, you’re also shown how to measure aerodynamic pressures, so you can determine which body surfaces are creating lift, drag and downforce. Want to work out where a wing should be placed? On-road testing to find that out is covered as well. The book also shows you how to measure downforce to see if that wing is actually working! If you wish to reduce drag, more than ten different areas are covered. Reducing frontal area, lowering cooling system drag, optimising vehicle ride height and rake, reducing the strength of the wake, achieving clean airflow separation and optimising wheel designs – they’re all covered using the latest research findings. And if you’re a performance driver, there’s a major chapter devoted to reducing lift and improving stability. This chapter includes the design and development of undertrays and diffusers, wings and spoilers. The example car developed measurable downforce when fitted with an undertray and rear diffuser, something that transformed its on-road handling. The author has been writing about the aerodynamics of road cars for more than 25 years. He is also an experienced and proficient car modifier who has performed numerous aerodynamic modifications and upgrades to his own cars. The book’s technical consultant, RH Barnard, is an acknowledged world leading automotive aerodynamicist. If you want a practical, hands-on guide that demystifies and explains car aerodynamics, and shows you how to make effective aerodynamic modifications to your car, this book is for you.

The 1970s and 1980s were critical years for the British motor industry. A downward spiral in industrial relations led to crippling strikes; two major oil crises made thirsty older designs virtually unsaleable; and foreign manufacturers moved in with products that were affordable, reliable and available on demand. Yet, by and large, British family motorists carried on buying British as long as they could. The average Briton was broadly content with what the domestic motor industry produced (though he might have grumbled a bit), and it certainly produced an array of cars which entered the public consciousness as symbols of their times. Names like Marina, Maestro, Montego, Cortina, Escort, Granada, Cavalier and, above all, Mini live on in popular memory. Looking back, we remember these humble workhorses with more fondness than we might expect. James Taylor has been a motoring writer and historian for more than 30 years, and in this book he remembers this period with a mixture of affection and amusement, tempered with an honest appraisal of how good or bad these cars really were.

The biggest and best used car guide available profiles more than 150 of the most popular cars, trucks, SUVs, and minivans from 1990-2001. Includes photos, ratings, specifications, and retail prices, with more features than competitive guides. (May)

Motormouth

2002-14

VW Golf, GTI, Jetta and Cabrio, 1999 Thru 2002

The Cars, 1968-1986

Lemon-Aid Used Cars and Trucks 2010-2011

*In 1968, British Leyland brought together many of Britain's motor manufacturers, with the intention of creating a robust unified group that could equal the strength of the big European conglomerates. But this was not to be. There have been many books about the politics and the business activities of British Leyland, but British Leyland - The Cars, 1968-1986 looks exclusively at the cars that came from the company, both the models it inherited and those it created. The eighteen years of the corporation's existence saw a confusing multitude of different car types, but this book resolves these confusions, clarifying who built what, and when. The book takes 1986 as its cut-off point because this was the year that the old British Leyland ceased to exist and what was left of the car and light commercial business was renamed the Rover Group. The book includes: Production histories and technical specifications of every major model; The special overseas models; Appendices on engines, code names, and factories; Buying guidance on the models built in Britain. This is the most comprehensive book so far to focus on the cars from British Leyland between 1968-1986 and it provides an overview of each model's production history, together with essential specification details. It is profusely illustrated with 178 colour and 63 b&w photographs.*

*The Auto Guide 2002 is a tool in researching the best purchase that money or good taste can acquire on the world's automobile market.*

*Now more than ever, Subaru fanatics have a wealth of factory and aftermarket performance upgrades at their disposal. In High-Performance Subaru Builder's Guide, author Jeff Zurschmeide explains in detail the similarities and differences between the Subaru models, and describes how to modify each for performance on the street and at the track. He uses over 300 color photos to show you how to modify your Impreza, Legacy, WRX, or STI for improved acceleration, handling, braking, and style. The book provides detailed chapters explaining how to modify the intake, exhaust, turbocharger, and computer systems for more horsepower and torque--plus info on upgrading your drivetrain to handle all that power. If taking corners is your thing, you'll find chapters on the suspension, steering, chassis, brakes, and wheels and tires. A special chapter even shows you how to get started in your favorite type of racing, including examples of successful racers and their cars.*

*The current generation, which features family saloons, practical Touring versions, delicious convertibles, and 'supercar' saloons, seems far removed from the earlier cars. However, upon closer inspection the lineage is clear, and the one theme that runs throughout is that these are true drivers' cars. James Taylor tells the story of the design, development and production of each generation, and includes coverage of the M3, Touring and convertible variants. Filled with full specs and production figures.*

*Lemon-Aid Used Cars and Trucks 2012-2013*

*The Complete Car Cost Guide, 2001*

*Consumer Reports Used Car Buying Guide 2003*

*Subaru Impreza WRC Rally Car*

*Family Cars of the 1970s*

*This is an automotive maintenance and repair manual for the VW Beetle vehicles. The book is suitable for the DIY mechanic.*

*This book describes the birth, development, and rallying career of the turbocharged, four-wheel-drive Subaru Impreza in the 1990s and early 2000s. Forged in the fierce heat of WRC (World Rally Championship) competition and honed by years of continuous development, the Subaru Impreza is not only one of the greatest rally cars of all time, but has also become one of the most desirable high-performance road cars, too. This book provides a compact and authoritative history of where, when, and how it became so important to the sport.*

*Perceived as a replacement for the long running Leone, the Impreza quickly gained a great reputation through Subaru's successful WRC program. This book covers the full story of the Impreza, from concept through to the current production car, looking at the rally machines along the way, and illustrated throughout with contemporary material. Now with over 400 mainly color pictures and significant additional text, this is a fantastic warts and all account of an amazing car.*

*Lemon-Aid Used Cars and Trucks 20102011 shows buyers how to pick the cheapest and most reliable vehicles from the past 30 years of production. This book offers an exposf gas consumption lies, a do-it-yourself service manual, an archive of service bulletins granting free repairs, and more.*

**Range Rover**

**You and Your Subaru Impreza Turbo**

**British Leyland**

**Chilton's Subaru Legacy and Forester 2000-09 Repair Manual**

**Focus On: 100 Most Popular Compact Cars**

A guide to buying a used car or minivan features information on the strengths and weaknesses of each model, a safety summary, recalls, warranties, and service tips.

The Subaru Impreza first appeared on the World Rally scene in 1993, taking a hat-trick of World Rally Manufacturers' Championships, in 1995, 1996 and 1997. The drivers the likes of Marku Alen, Ari Vatanen, and Colin McRae have competed in the World Rally Championship in Imprezas and all went on to winning the World Rally Drivers' Championship in Imprezas. These cars continued to compete in 2008, when the Subaru World Rally Team unfortunately withdrew from rallying. This brand new Haynes Manual covers one of the most iconic rally cars in recent years, and does so in perfect detail. People that love the Impreza, really love the Impreza, so get the full facts and specs now!

Complete coverage for your Subaru Impreza, Impreza WRX & Impreza WRX STI covering Impreza (2002-2011), Impreza WRX (2002-2014) & Impreza WRX STI (2004-2014) including Impreza Outback and GT models: --Routine maintenance --Tune-up procedures --Engine repair --Cooling and heating --Air conditioning --Fuel and exhaust --Emissions control --Ignition --Brakes --Suspension and steering diagrams 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. We learn the best ways to do a job and that makes it quicker, easier and cheaper for you. Our books have clear instructions and hundreds of photographs that show each step. Whether you're a beginner or a pro, you can save to-follow photos --Complete troubleshooting section --Valuable short cuts --Color spark plug diagnosis

Having this book in your pocket is just like having a real marque expert by your side. Benefit from James Taylor's years of Range Rover ownership and experience, learn how to spot a bad example quickly, and how to assess a promising one like a professional. Get the right Range Rover at the right price! This buyer's guide focuses on the third generation Range Rovers, produced between 2002 and 2005. It covers the Range Rover's history, the costs, through paperwork, vital statistics, valuation, and the Range Rover community, to whether a third generation Range Rover will suit you and your lifestyle – this is the complete guide to choosing, assessing and buying the Range Rover of your dreams.

The Real Driving Simulator, Prima's Official Strategy Guide

Includes Impreza Outback and GT Models

Subaru Legacy (10-16) & Forester (09-16)

Subaru 381 Success Secrets - 381 Most Asked Questions on Subaru - What You Need to Know

The Complete Car Cost Guide 2000

*A guide to more than 300 makes and models of used vehicles, covering model descriptions, fuel economy estimates, recall and service histories, price guidelines, repair costs, and warranties.*

*Features recommendations and ratings on hundreds of small, medium, and large-sized cars based on quality, economy, performance, and comfort standards, with judgments on crash protection, and assessments of available options*

*For the first time in one volume, Phil Edmonston, Canada's automotive "Dr. Phil," covers all used vehicles, packing this guide with insider tips to help the consumer make the safest and cheapest choice possible from cars and trucks of the past 25 years.*

*The Real Subaru. There has never been a Subaru Guide like this. It contains 381 answers, much more than you can imagine; comprehensive answers and extensive details and references, with insights that have never before been offered in print. Get the information you need--fast! This all-embracing guide offers a thorough view of key knowledge and detailed insight. This Guide introduces what you want to know about Subaru. A quick look inside of some of the subjects covered: Subaru EJ engine - Specifications, List of Subaru transmissions - 5EAT, Subaru Legacy - First generation (1989-1993) - BC, BJ, BF, Subaru Pleo - Second generation - L275F/L285F/L275B/L285B (2010-), Subaru Rally Team Japan - 2002-2003, Subaru 360 - Export, Subaru Legacy (fifth generation) - Outback, Subaru EA engine - EA-81T, Subaru BRAT - Notable owners, Leave No Trace - Subaru/Leave No Trace Traveling Trainer Program, Subaru XT - Market appeal and production, Subaru Legacy (second generation) - GT-B Limited (1997-1998), Subaru Impreza - WRX STI, Subaru 360 - Performance, List of Subaru transmissions - T71G, Subaru Industrial Power Products - Generator lines, Subaru of Indiana Automotive, Inc. - Past manufacture at SIA, Subaru Tecnica International - STI special limited models, David Richards (racing) - Subaru World Rally Team, Subaru Forester - Australia, Subaru Rally Team Japan - Group A Leone, 1980-1989, Subaru 1000 - Engine, Subaru XT - Features and options, Subaru Justy - Drivetrain, Subaru Rally Team Japan - World Rally Car Impreza GC, 1997-2001, Subaru EF engine, List of Subaru transmissions - 5MT Full-Time, Subaru EA engine - Specifications, Subaru Legacy (third generation) - GT VDC, Subaru Legacy (third generation) - Japan, Subaru Legacy (fifth generation) - Summary, List of Subaru transmissions - Four Speed, and much more...*

*A Guide for the Penetration Tester*

*Lemon-Aid Used Cars and Trucks 2011-2012*

*Lemon-Aid Used Cars and Trucks 2009-2010*

*The Complete Canadian Car Guide*

*The Complete Book of the World Rally Championship*

Every Haynes manual is based on a complete teardown and rebuild, contains hundreds of "hands-on" photos tied to step-by-step instructions, and is thorough enough to help anyone from a do-it-your-selfer to a professional.

Victoria Banks was not your average teen. She was the oldest child in a high ranking, wealthy family and attended the most exclusive school. Her life was what any young girl would dream of. However, it was far from perfect. Beneath the glistening surface were lies, deceit, chaos, and war. After a dangerous encounter left her car totaled and her body bruised, she began to...change. Suddenly, she was thrown into a new world, where years of family secrets flooded her life.

Victoria learns she is one of many shapeshifters, created to hunt down and kill bloodthirsty vampires. Does she choose to go home? Or does she choose to forsake her old life, and fight in a war to save the souls of mankind from the ultimate evil?

Modern cars are more computerized than ever. Infotainment and navigation systems, Wi-Fi, automatic software updates, and other innovations aim to make driving more convenient. But vehicle technologies haven't kept pace with today's more hostile security environment, leaving millions vulnerable to attack. The Car Hacker's Handbook will give you a deeper understanding of the computer systems and embedded software in modern vehicles. It begins by examining vulnerabilities and providing detailed explanations of communications over the CAN bus and between devices and systems. Then, once you have an understanding of a vehicle's communication network, you'll learn how to intercept data and perform specific hacks to track vehicles, unlock doors, glitch engines, flood communication, and more. With a focus on low-cost, open source hacking tools such as Metasploit, Wireshark, Kayak, can-utils, and ChipWhisperer, The Car Hacker's Handbook will show you how to: –Build an accurate threat model for your vehicle –Reverse engineer the CAN bus to fake engine signals –Exploit vulnerabilities in diagnostic and data-logging systems –Hack the ECU and other firmware and embedded systems –Feed exploits through infotainment and vehicle-to-vehicle communication systems –Override factory settings with performance-tuning techniques –Build physical and virtual test benches to try out exploits safely If you're curious about automotive security and have the urge to hack a two-ton computer, make The Car Hacker's Handbook your first stop.

The ultimate used car guide lists the best and worst used cars, summarizes the marketplace, shares advice on web shopping, discusses author insurance, and shares tips on buying and selling. Original.

Popular Mechanics

Modifying the Aerodynamics of Your Road Car

Gran Turismo 4

Consumer Reports New Car Buying Guide 2002

Subaru Impreza and WRX Automotive Repair Manual