

# Solex Repair Document

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. Now available after being out-of-print for nearly 40 years, a vintage reprint of original air-cooled Volkswagen repair information for all Volkswagen Type I (Beetle and Karmann Ghia) models sold in the USA and Canada. This historical archive edition covers procedures for routine maintenance, troubleshooting, repair and rebuilding. Air-cooled Volkswagens (Type 11, 14, 15) covered: Volkswagen Type 11 Beetle Sedan Volkswagen Type 14 Karmann Ghia Coupe Volkswagen Type 15 Beetle Convertible Engines covered in this Volkswagen repair manual: Volkswagen Air-cooled Type 1 "upright" engine 1131cc, 25hp Volkswagen Air-cooled Type 1 "upright" engine 1192cc, 36hp (from January 1954) Volkswagen Air-cooled Type 1 "upright" engine 1192cc, 36hp (from August 1955) Transmissions covered in this Volkswagen repair manual: Volkswagen Standard with non-synchronized "crash box" transmission Volkswagen De Luxe with 2nd, 3rd and 4th gear synchronized transmission Technical highlights: Engine and cylinder head service, repair and reconditioning, including bench testing procedures and specifications for 25hp and 36hp motors Solex 28 PCI carburetor and Solex fuel pump troubleshooting, rebuilding, and adjustment Transmission removal, rebuilding, and adjustment, including special needle bearings on synchromesh transmissions Frame, floor and body panel repair. All measurements and detailed cutting, alignment and welding instructions. Painting preparation and procedures

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Body repair and replacement procedures, including the sliding fabric sunroof and convertible top  
Complete wiring diagrams  
All factory changes and updates are noted in the text by manufacturing date, chassis number, engine number and part number  
Full explanations of the operation of all systems, with exploded views, cutaways and diagrams  
Required workshop equipment, tools, and equipment for local manufacture listings  
Troubleshooting tables for clutch, carburetor, fuel pump, steering, brakes, generator, starter, and wipers  
Maintenance and lubrication charts and procedures  
Complete service and repair procedures for BMW (including 2002), Volkswagen (including Super Beetle), Mercedes-Benz (including diesel engine service), Audi, Porsche (including 914), Volvo (including 164), Saab (including 99), Fiat, Opel (including G.T.), Alfa Romeo.  
The Total Car Care series continues to lead all other do-it-yourself automotive repair manuals. This series offers do-it-yourselfers of all levels TOTAL maintenance, service and repair information in an easy-to-use format. Each manual covers all makes and models, unless otherwise indicated. :Based on actual teardowns :Simple step-by-step procedures for engine overhaul, chassis electrical drive train, suspension, steering and more :Trouble codes :Electronic engine controls  
Each section contains car identification, service procedures, and specifications. Areas covered include: electrical system, engine rebuilding, troubleshooting, cooling systems, emission controls, fuel systems, transmissions, turbocharging, diesel engines, clutches, transaxles, differentials,

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suspension, steering, brakes, and fuel injection. Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Very friendly, very practical, and very industry oriented, this manual identifies and explores the documentation standards and basic skills that are used to develop and produce technical projects. It examines both industrial/corporate and academic applications of technical writing fundamentals--e.g., assembly instructions, maintenance manuals, and academic papers. It emphasizes the design and packaging of "integrated texts" that incorporate all of their media as a finished product. Viewing technical writing as "constructed/engineered" writing, it shows how technical writing is really technical composing that combines text as well as visual (graphic) and mathematical conceptualizations. Provides many writing samples and models that were developed for genuine applications in company settings. The down-to-earth, accessible style and how-to-do-it approach features a crisp corporate seminar-style presentation that gets to the point quickly stays focused on topics and situations that are clearly relevant and immediately applicable. (Part of The Wordworks Series--a series of four communication skills manuals--three writers' guides for engineering and technical applications and an additional guide to in-service spoken communication.) The Languages of the Sciences; Layout and Design Basics; Formatting for Document Usage; Industrial Applications; Academic Applications; Reader Profiles; Graphic Tools; Designing

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Graphics that Work; Designing Layouts that Work. For engineering technicians and technologists in a variety of fields--e.g., computer information systems, construction engineering, biomedical equipment technology, digital electronics, autocad, environmental control technology, microcomputer management, biotech, avionics, and many more.

Now available for the first time as a single volume is the Volkswagen Transporter Workshop Manual: 1950-1962 for models sold in the USA and Canada. This manual is a reproduction of the original air cooled Volkswagen service and repair information. This historical archive edition covers procedures for routine maintenance, troubleshooting, repair and rebuilding. Air-cooled Volkswagens (Type 2) covered: \* Volkswagen Type 2 Ambulance \* Volkswagen Type 2 Delivery Van \* Volkswagen Type 2 Kombi \* Volkswagen Type 2 Micro Bus \* Volkswagen Type 2 Micro Bus De Luxe \* Volkswagen Type 2 Pick-up Engines covered in this Volkswagen repair manual: \* Volkswagen Air-cooled Type 1 "upright" engine 1131cc, 25hp \* Volkswagen Air-cooled Type 1 "upright" engine 1192cc, 36hp \* Volkswagen Air-cooled Type 1 "upright" engine 1192cc, 40hp Transmissions covered in this Volkswagen repair manual: \* Volkswagen fully synchronized 4-speed manual transmission Technical highlights: \* Engine and cylinder head service, repair and reconditioning, including bench testing procedures and specifications for 25 through 40 hp motors. \* Solex 26 VFIS, 28 PCI, and 28 PICT carburetors as well as fuel pump troubleshooting, rebuilding, and adjustment. \* Transmission removal, rebuilding, and adjustment, including early and later versions. \* Body repair and replacement procedures, including the sliding fabric sunroof. Detailed painting preparation and procedures. \* Wiring diagrams identified by year. \* Factory changes and updates are noted in the text by

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manufacturing date, chassis number, engine number or part number. \* Full explanations of the operation various systems, with exploded views, cutaways and diagrams. \* Required workshop equipment, tools, and equipment for local manufacture listings. \* Troubleshooting tables for clutch, carburetor, fuel pump, steering, brakes, generator, starter, and wipers. \* Maintenance and lubrication charts and procedures.

Each edition includes information for that year and several previous years.

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