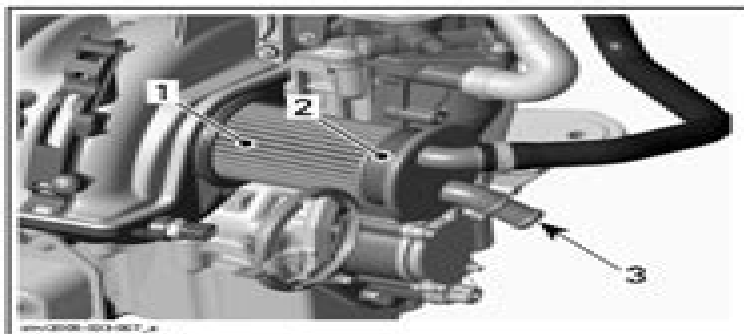


Section 01 ENGINES (1503 4-TEC)

Subsection 02 (INTAKE MANIFOLD AND SUPERCHARGER)



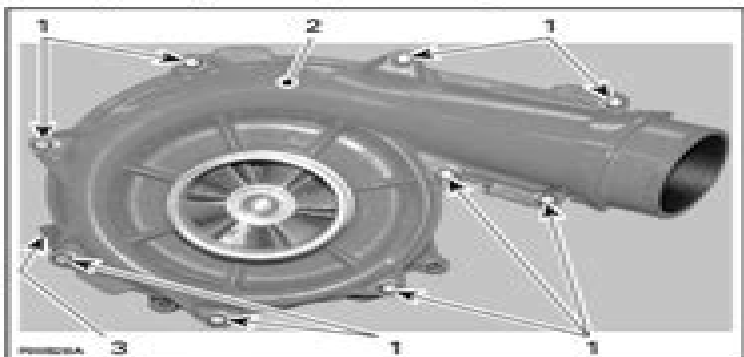
- 1. Intercooler
- 2. Profile Ring
- 3. Collar

Supercharger

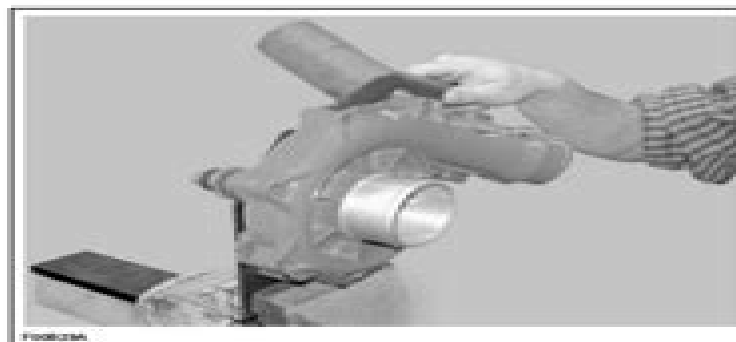
Supercharged Engines

CAUTION: Be scrupulous when working on supercharger parts. Supercharger rotation reaches 40 000 RPM. Any modification, improper repair/assembly or damage on the parts, may result in damage of the supercharger. Strictly follow the described procedures.

Take apart supercharger housing.



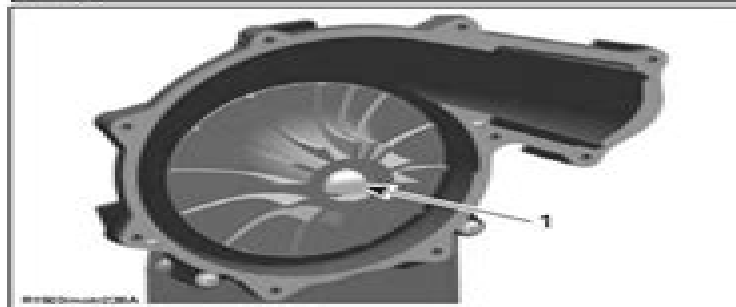
- 1. Retaining screws
- 2. Housing half (intake side)
- 3. Housing half (engine side)



PLASTIC HAMMER

NOTE: The cap nut on the supercharger shaft has LH threads.

Loosen cap nut (turn clockwise) on supercharger shaft turbine side while holding shaft with a retaining key (P/N 529 035 949).



1. Cap nut

Remove washer, turbine, O-ring and step collar from supercharger shaft.

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Internal Combustion Engine Handbook Richard Van Basshuysen, Fred Schaefer, TechTrans, 2016-03-07 More than 120 authors from science and industry have documented this essential resource for students practitioners and professionals Comprehensively covering the development of the internal combustion engine ICE the information presented captures expert knowledge and serves as an essential resource that illustrates the latest level of knowledge about engine development Particular attention is paid toward the most up to date theory and practice addressing thermodynamic principles engine components fuels and emissions Details and data cover classification and characteristics of reciprocating engines along with fundamentals about diesel and spark ignition internal combustion engines including insightful perspectives about the history components and complexities of the present day and future IC engines Chapter highlights include Classification of reciprocating engines Friction and Lubrication Power efficiency fuel consumption Sensors actuators and electronics Cooling and emissions Hybrid drive systems Nearly 1 800 illustrations and more than 1 300 bibliographic references provide added value to this extensive study Although a large number of technical books deal with certain aspects of the internal combustion engine there has been no publication until now that covers all of the major aspects of diesel and SI engines Dr Ing E h Richard van Basshuysen and Professor Dr Ing Fred Schaefer the editors Internal Combustion Engines Handbook Basics Components Systems and Perspectives **Road and Track** ,1974 **Monthly Catalogue, United States Public Documents** ,1989 **Monthly Catalog of United States Government Publications** United States. Superintendent of Documents, 1994 February issue includes Appendix entitled Directory of United States Government periodicals and subscription publications September issue includes List of depository libraries June and December issues include semiannual index **Car and Driver** ,1973 Hot Rod ,1972 *The Complete Book of Moto Guzzi* Ian Falloon, 2020-11-03 The Complete Book of Moto Guzzi 100th Anniversary Edition Every Model Since 1921 written by respected motorcycle expert Ian Falloon offers enthusiasts a thorough review of Guzzi's storied 100 year history via all of its production models The oldest European motorcycle manufacturer in continuous production Italy's Moto Guzzi has built some of the most iconic motorcycles ever produced Established in 1921 the company is one of the most traditional motorcycle makers and also one of the most innovative Carlo Guzzi's first engine design a horizontal single defined Moto Guzzi's road going motorcycles for the company's first 45 years In the 1950s Moto Guzzi experienced tremendous success in Grand Prix motorcycle racing Today Moto Guzzi has a higher profile than ever thanks to its popularity among enthusiast celebrities like Ewan McGregor This new edition of The Complete Book of Moto Guzzi includes a 100th anniversary introduction new photography and additional pages to cover the newest models from 2018 to 2020 All of Moto Guzzi's production models are covered in detail including the groundbreaking Falcone the V 8 Grand Prix racers the V7 Sport the Ambassador the Eldorado the Le Mans the Daytona right up to today's the complete range of modern bikes including the V7 Griso Stelvio and V9 Celebrate a century of iconic Moto

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Table of Contents 1503 4 Tec Engine Manual

1. Understanding the eBook 1503 4 Tec Engine Manual
 - The Rise of Digital Reading 1503 4 Tec Engine Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying 1503 4 Tec Engine Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an 1503 4 Tec Engine Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from 1503 4 Tec Engine Manual
 - Personalized Recommendations
 - 1503 4 Tec Engine Manual User Reviews and Ratings

- 1503 4 Tec Engine Manual and Bestseller Lists
- 5. Accessing 1503 4 Tec Engine Manual Free and Paid eBooks
 - 1503 4 Tec Engine Manual Public Domain eBooks
 - 1503 4 Tec Engine Manual eBook Subscription Services
 - 1503 4 Tec Engine Manual Budget-Friendly Options
- 6. Navigating 1503 4 Tec Engine Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - 1503 4 Tec Engine Manual Compatibility with Devices
 - 1503 4 Tec Engine Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of 1503 4 Tec Engine Manual
 - Highlighting and Note-Taking 1503 4 Tec Engine Manual
 - Interactive Elements 1503 4 Tec Engine Manual
- 8. Staying Engaged with 1503 4 Tec Engine Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers 1503 4 Tec Engine Manual
- 9. Balancing eBooks and Physical Books 1503 4 Tec Engine Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection 1503 4 Tec Engine Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine 1503 4 Tec Engine Manual
 - Setting Reading Goals 1503 4 Tec Engine Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of 1503 4 Tec Engine Manual
 - Fact-Checking eBook Content of 1503 4 Tec Engine Manual
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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