

ATG AT99939

ATG AT99939 Power Steering Rack and Pinion Seal Kit Instruction Manual

INTRODUCTION

This manual provides essential information for the ATG AT99939 Power Steering Rack and Pinion Seal Kit. It covers product overview, compatibility, installation guidelines, maintenance, troubleshooting, and specifications. Please read this manual thoroughly before proceeding with any repair or installation to ensure proper function and safety.

PRODUCT OVERVIEW

The ATG AT99939 is a comprehensive seal kit designed for the repair of power steering rack and pinion systems. It contains various seals and components made from quality rubber material, engineered to meet expectations for fit and function. This kit addresses common issues related to steering rack components, restoring proper sealing and operation.

COMPATIBILITY

This seal kit is specifically designed for power steering rack and pinion repair parts for the following vehicle:

- **BMW X5 E53 (1999-2006)**

The kit helps to fix relevant component issues of steering racks with the following equivalent part numbers:

- ATG R20031RB
- ERA SR22108
- LAUBER 66.2261
- ELSTOCK 11-0578
- Mapco 29662
- Triscan 851011407
- Spidan 52373
- Lizarte 01.09.2261
- TRW JRP1028
- ZF 2929201
- Bosch KS01000880, KS01000881
- Delco Remy DSR1243L
- GENERAL RICAMBI BW9056

Important: Please note that the final check for compatibility is possible only with the help of the OEN (Original Equipment Number). The descriptions of our products only contain their technical specifications and cannot guarantee compatibility with a certain vehicle. Before placing an order, you should check the OEN indicated in the description of the corresponding item.

Kit Contents

The ATG AT99939 Power Steering Rack and Pinion Seal Kit includes a variety of seals, O-rings, and bushings necessary for a comprehensive repair. These components are designed to replace worn or damaged seals within the power steering rack system.



This image displays the various components included in the ATG AT99939 Power Steering Rack and Pinion Seal Kit. It features a collection of black rubber seals, O-rings, and white plastic bushings of different sizes and shapes, designed for comprehensive repair of power steering rack systems.

Setup and Installation

Installation of a power steering rack and pinion seal kit requires specialized knowledge and tools. It is highly recommended that installation be performed by a qualified automotive technician.

General Guidelines:

- **Safety First:** Always wear appropriate personal protective equipment, including safety glasses and gloves. Ensure the vehicle is securely supported on jack stands or a lift.
- **Vehicle Service Manual:** Refer to the specific service manual for your BMW X5 E53 for detailed, step-by-step instructions on removing, disassembling, reassembling, and reinstalling the power steering rack.
- **Cleanliness:** Maintain a clean work environment. Contaminants can damage new seals and lead to premature failure.
- **Proper Tools:** Use the correct tools for disassembly and reassembly to avoid damaging components.
- **Fluid Management:** Be prepared to drain and refill power steering fluid. Use the manufacturer-recommended fluid type.
- **Bleeding the System:** After installation, properly bleed the power steering system to remove air and ensure correct operation.

Operating

Once the ATG AT99939 Power Steering Rack and Pinion Seal Kit is correctly installed, the power steering system should operate as intended, providing smooth and responsive steering. The primary function of the kit is to restore the integrity of the seals within the steering rack, preventing fluid leaks and maintaining hydraulic pressure for power assistance.

MAINTENANCE

To ensure the longevity and optimal performance of your power steering system after installing the seal kit, consider the following maintenance practices:

- **Regular Fluid Checks:** Periodically check the power steering fluid level and condition. Top up or replace fluid as recommended by your vehicle's manufacturer.
- **Inspect for Leaks:** Regularly inspect the power steering rack and associated hoses for any signs of fluid leaks. Address any leaks promptly to prevent further damage.
- **Avoid Over-stressing:** Minimize holding the steering wheel at full lock for extended periods, as this can put excessive strain on the power steering pump and seals.

TROUBLESHOOTING

If you experience issues after installing the ATG AT99939 Power Steering Rack and Pinion Seal Kit, consider the following common troubleshooting points:

- **Fluid Leaks:** Re-check all connections and seals for proper seating and torque. Ensure no seals were pinched or damaged during installation.
- **Noisy Steering / Hard Steering:** This could indicate air in the system. Re-bleed the power steering system thoroughly. Low fluid levels can also cause these symptoms.
- **Steering Play:** Ensure all components are correctly assembled and tightened according to the vehicle's service manual.

If problems persist, it is advisable to consult a professional automotive technician for diagnosis and repair.

SPECIFICATIONS

Attribute	Detail
Model Number	AT99939
Brand	ATG
Manufacturer	AT Hidraulic
Item Weight	5.3 ounces
Package Dimensions	9.84 x 7.87 x 1.97 inches
OEM Part Numbers	BMW 32136769267, 32136751283, 6769267, 6751283, 32136761822, 32136751153, 6763343, 32136769268, 32136760114, 6769268, 32106769268, 6761822

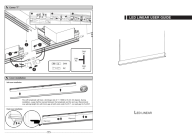

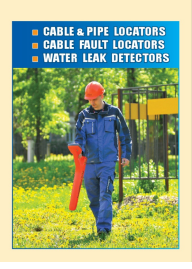
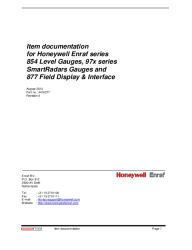
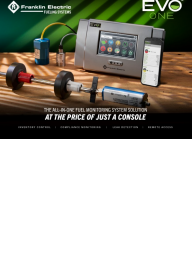
LEGAL DISCLAIMER

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SUPPORT

For further assistance or inquiries regarding the ATG AT99939 Power Steering Rack and Pinion Seal Kit, please contact ATG customer support. ATG has been specializing in power steering parts trade and repair since 1991, offering experienced professional support.

Related Documents - AT99939

	<p>LED Linear User Guide - Installation and Safety Instructions</p> <p>Comprehensive user guide for the LED Linear fixture, covering safety instructions, installation procedures for surface mounting, suspension, and wall mounting, as well as splicing configurations.</p>
	<p>KBS Gastrotechnik Bedienungsanleitung: Sicherheit, Installation und Betrieb</p> <p>Umfassende Bedienungsanleitung für KBS Gastrotechnik Kühlgeräte. Enthält wichtige Informationen zu Sicherheitshinweisen, Installation, Betrieb, Wartung und Fehlerbehebung für verschiedene Modelle.</p>
	<p>TEXHGA Utility Locators, Cable Fault Locators, Water Leak Detectors & Reflectometers</p> <p>Explore TEXHGA's comprehensive range of professional utility locating equipment, including advanced cable and pipe locators, precise cable fault locators, efficient water leak detectors, and high-performance reflectometers for underground infrastructure inspection and maintenance.</p>
	<p>Honeywell Enraf 854 & 97x Series Level Gauges and 877 Field Display Manual</p> <p>Comprehensive documentation for Honeywell Enraf series 854 Level Gauges, 97x series SmartRadars Gauges, and the 877 Field Display & Interface. This manual details instrument items, optional functions, and operational parameters for accurate level measurement and monitoring.</p>
	<p>EVOTM ONE Fuel Monitoring System: All-in-One Solution</p> <p>Discover the EVOTM ONE by Franklin Fueling Systems, an integrated fuel monitoring solution offering inventory control, compliance monitoring, leak detection, and remote access for fuel sites. This cost-effective and user-friendly system provides comprehensive management for up to 3 tanks and 8 dispensers.</p>

[ATG-780 Wireless Voice Transmission System User Manual](#)

Comprehensive user manual for the ATG-780 wireless voice transmission system, detailing the operation of transmitters (ATG-780T) and receivers (ATG-780R), including setup, channel management, volume control, battery status, charging procedures, and FCC compliance information.