

## Eibach E8517-140

# Eibach E8517-140 Performance Pro-Kit Springs User Manual

For VW Polo (86C, 80)

## 1. INTRODUCTION

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This manual provides essential information regarding the Eibach E8517-140 Performance Pro-Kit Springs. These springs are designed to enhance the suspension performance and aesthetic of compatible vehicles. Please read this manual thoroughly before installation and use.

## 2. PRODUCT OVERVIEW AND FEATURES

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The Eibach Pro-Kit springs are engineered to optimize vehicle handling and appearance. They are a component of the B12 Pro-Kit system.

- **Top-Performance Handling:** Designed to improve vehicle responsiveness and control.
- **Lower Center of Gravity:** Reduces vehicle height by up to 40 mm, contributing to improved stability.
- **Progressive Spring Design:** Provides a balance between comfortable ride quality and sporty performance.
- **Excellent Ride Quality:** Engineered to maintain comfort while enhancing dynamic driving characteristics.



An image showing the Eibach Pro-Kit Performance Springs, which are dark grey coiled springs, alongside their product packaging. The packaging displays 'PRO-KIT | SPORTLINE' and 'Eibach FEDERN' branding, highlighting performance suspension features.

### 3. SETUP AND INSTALLATION

The Eibach E8517-140 Pro-Kit Springs are specifically designed for the VW Polo (86C, 80) model. Due to the critical nature of suspension components and the requirement for specialized tools and expertise, **professional installation by a qualified technician is strongly recommended**. Incorrect installation can lead to vehicle damage, compromised safety, and voided warranties.

Key considerations for installation include:

- Ensuring compatibility with your specific vehicle model and year.
- Using appropriate lifting equipment and safety stands.
- Properly disassembling and reassembling suspension components.
- Torquing all fasteners to manufacturer specifications.
- Performing a wheel alignment after installation to ensure correct vehicle geometry.

### 4. OPERATING BENEFITS

Once installed, the Eibach Pro-Kit springs contribute to a more dynamic driving experience. Users can expect:

- Reduced body roll during cornering.
- Minimized nose-dive under braking.
- Reduced squat during acceleration.
- An improved, sportier vehicle stance.

The progressive spring rate ensures that while performance is enhanced, daily driving comfort is largely maintained.

## 5. MAINTENANCE

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Eibach Pro-Kit springs are designed for durability and require minimal specific maintenance. However, regular inspection of your vehicle's entire suspension system is advised as part of routine vehicle maintenance. This includes checking for:

- Signs of corrosion or damage to the springs.
- Wear on associated suspension components such as shocks, struts, and bushings.
- Proper seating of all suspension parts.

Any concerns should be addressed by a qualified automotive technician.

## 6. TROUBLESHOOTING

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If you experience any unexpected changes in vehicle handling or ride quality after installation, consider the following:

- **Uneven Ride Height:** Verify that the correct springs were installed on the appropriate corners of the vehicle and that all components are properly seated.
- **Excessive Noise:** Check for loose components, improper installation, or contact between suspension parts and the vehicle chassis.
- **Poor Handling:** Ensure a proper wheel alignment was performed after installation. Check tire pressure and condition.

For persistent issues, consult with the professional who performed the installation or an authorized Eibach dealer.

## 7. SPECIFICATIONS

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Specification	Detail
Manufacturer	Eibach
Brand	Eibach
Item Model Number	E8517-140
Manufacturer Part Number	E8517-140
Item Weight	17.07 pounds
Product Dimensions	25.2 x 7.09 x 14.96 inches
Exterior Finish	Painted
Position	Front

## 8. WARRANTY INFORMATION

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Specific warranty details for the Eibach E8517-140 Performance Pro-Kit Springs are typically provided by Eibach or the authorized dealer at the time of purchase. It is recommended to retain your proof of purchase and consult the official Eibach website or contact their customer service for the most current and accurate warranty terms and conditions.

## 9. SUPPORT

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For technical assistance, installation guidance, or any product-related inquiries, please contact Eibach customer support directly or reach out to an authorized Eibach dealer. They can provide expert advice and ensure you receive the best support for your Eibach products.

You can typically find contact information on the official Eibach website or through your product's packaging.