

Bilstein 47-269064

Bilstein 47-269064 B14 Series PSS Suspension Kit User Manual

Comprehensive instructions for installation, operation, and maintenance.

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the proper installation, operation, and maintenance of your Bilstein 47-269064 B14 Series PSS Suspension Kit. This high-performance suspension system is designed to enhance vehicle dynamics and ride quality.

The Bilstein B14 Series PSS Suspension Kit features monotube/twintube dampers and yellow springs, engineered for specific vehicle applications including Audi A3 8V, 8Y, TT 8S, TTS RS, and Volkswagen Golf Alltrack MK7, GTI R MK8.

2. SAFETY INFORMATION

WARNING: Installation of this suspension kit should only be performed by qualified automotive professionals. Improper installation can lead to serious injury or vehicle damage.

- Always use appropriate safety equipment, including eye protection and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before beginning any work.
- Refer to your vehicle's service manual for specific torque specifications and procedures.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning). Handle with care and wash hands after contact.
- Do not modify any components of the suspension kit.

3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning installation.



Image: Overview of the complete Bilstein B14 Series PSS Suspension Kit, showing front and rear coilovers, springs, and adjustment tools.

- Front Coilover Assemblies (2)
- Rear Shock Absorbers (2)
- Rear Springs (2)
- Adjustable Spring Perches (2)
- Spanner Wrenches (2)
- Mounting Hardware (as required)



Image: Close-up of the two spanner wrenches and the blue adjustable spring perch with its threaded collar, used for ride height adjustments.



Image: An assembled Bilstein front coilover unit, featuring a yellow damper body, blue spring, and threaded adjustment collar.



Image: A single Bilstein rear shock absorber, showing its yellow body and blue dust boot.

4. SETUP AND INSTALLATION

The Bilstein B14 Series PSS Suspension Kit is a direct replacement for your vehicle's original suspension components. Professional installation is strongly recommended.

General Installation Steps (Consult a professional for detailed instructions):

1. Safely lift and support the vehicle. Remove wheels.
2. Carefully remove the original suspension components (struts, shocks, springs).
3. Assemble the Bilstein coilovers and shocks according to the specific instructions provided with the kit (not included in this general manual).
4. Install the new Bilstein suspension components, ensuring all bolts are torqued to manufacturer specifications.
5. Adjust ride height as desired using the provided spanner wrenches on the threaded bodies. Ensure equal height on both sides of the vehicle.
6. Reinstall wheels and lower the vehicle.
7. Perform a professional wheel alignment immediately after installation to ensure proper handling and tire wear.

5. OPERATING CONSIDERATIONS

After installation, the vehicle's handling characteristics will change. Allow for a break-in period of approximately 500 miles for the suspension components to settle.

- **Ride Height Adjustment:** The PSS kit allows for adjustable ride height. Adjustments should be made with the vehicle on a level surface and ideally with the wheels off the ground to relieve spring tension. Always adjust both sides of an axle equally.
- **Driving Dynamics:** Expect a firmer, more controlled ride compared to stock suspension. This is characteristic of performance suspension systems.
- **Clearance:** Be mindful of reduced ground clearance if you have lowered the vehicle, especially over speed bumps, potholes, and steep driveways.

6. MAINTENANCE

Regular inspection and maintenance will ensure the longevity and performance of your Bilstein suspension kit.

- **Visual Inspection:** Periodically inspect all suspension components for signs of wear, damage, or leaks. Check for loose bolts or nuts.
- **Cleaning:** Keep the suspension components clean, especially the threaded bodies and spring perches, to

prevent corrosion and ensure smooth height adjustments.

- **Alignment Check:** Have your wheel alignment checked periodically, especially after any significant impacts or adjustments to ride height.
- **Professional Check:** It is recommended to have a professional mechanic inspect your suspension system during routine vehicle servicing.

7. TROUBLESHOOTING

If you experience any issues with your Bilstein B14 Series PSS Suspension Kit, consider the following common troubleshooting steps. For complex issues, consult a qualified professional.

- **Unusual Noises (Clunking, Squeaking):**
 - Check all mounting bolts for proper torque.
 - Inspect for any components rubbing against each other.
 - Ensure springs are seated correctly in their perches.
- **Poor Ride Quality (Too Harsh/Soft):**
 - Verify that the correct kit was installed for your specific vehicle model.
 - Ensure tire pressures are set to manufacturer specifications.
 - Confirm ride height is set appropriately and not excessively low, which can reduce suspension travel.
- **Uneven Ride Height:**
 - Measure ride height from a consistent point (e.g., fender lip to wheel center) on both sides of the vehicle.
 - Adjust spring perches as needed to achieve desired and even ride height.

8. SPECIFICATIONS

Feature	Detail
Part Number	47-269064
Brand	Bilstein
Series	B14 PSS
Damper Type	Monotube/Twintube
Spring Color	Yellow (as depicted)
Auto Part Position	Rear (Kit includes front and rear components)
Vehicle Service Type	Audi A3 8V, 8Y, TT 8S, TTS RS; Volkswagen Golf Alltrack MK7, GTI R MK8

Feature	Detail
Exterior Finish	Zinc
Material	Aluminum, Steel
Item Weight	56 Pounds (approx. 25.4 kg)
UPC	651860804507

9. WARRANTY INFORMATION

This Bilstein product is covered by a manufacturer's warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the official warranty documentation included with your purchase or visit the official Bilstein website. Keep your proof of purchase for warranty claims.

10. SUPPORT

For technical assistance, installation questions, or warranty claims, please contact Bilstein customer support directly. You can typically find contact information on the official Bilstein website or in the packaging materials. When contacting support, please have your product model number (47-269064) and proof of purchase readily available.