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› Frankberg Front Axle Shock Absorber User Manual

## Frankberg 230307

# Frankberg Front Axle Shock Absorber User Manual

Model: 230307

## PRODUCT OVERVIEW

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The Frankberg 2x Gas Pressure Front Axle Shock Absorbers are designed to provide stable and comfortable driving by effectively dampening road irregularities. These components are crucial for vehicle suspension, contributing to improved handling, braking, and overall safety. They are engineered to meet original equipment (OE) specifications for a precise fit and reliable performance.



Image: A pair of Frankberg gas pressure shock absorbers, ready for installation, shown with their product packaging.

## COMPATIBILITY

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These shock absorbers are compatible with a range of vehicle models. Please verify your vehicle's specific make, model, and year against the list below to ensure proper fitment. Cross-reference with the OEM part numbers for accuracy.

- **Audi:** A3 8L1 (1996-2003)
- **Seat:** Leon 1M1 (1999-2006), Toledo II 1M2 (1999-2004)
- **Skoda:** Octavia I 1U2 (1996-2010), Octavia I Combi 1U5 (1998-2010)
- **Volkswagen:** Bora 1J2 (1998-2005), Bora Variant 1J6 (1999-2005), Golf IV 1J1 (1997-2003), Golf IV Variant 1J5 (1999-2006), New Beetle 1C1 9C1 (1998-2010), New Beetle Cabriolet 1Y7 (2002-2010)

**Reference Part Numbers:** 334220, 334812, 634812, 200951, 200954, 230307, 312354, 315087, E4858, E4593, 1J0413031AB.

**FRANKBERG**

# Bestellhinweise vor dem Einkauf

## SCHRITT 1

Finden Sie „amazonconfirmedfit“

Klicken Sie auf die Schaltfläche „Stellen Sie sicher, dass diese auch passt.“

amazonconfirmedfit | Stellen Sie sicher, dass diese auch passt.

## SCHRITT 2

Wählen Sie eine der folgenden Methoden zur Überprüfung aus

I. Suchen Sie in Teil 1 der Zulassungsbescheinigung nach HSN/TSN

KFZ-Schlüsselnummer eingeben ▼ Weitere Informationen

HSN  TSN

ab dem 01.10.2005:      vor dem 01.10.2005:

2.1	0600	2.2	891001	zu2	0600	zu3	891001
	HSN		TSN		HSN		TSN



II. Geben Sie direkt die Daten Ihres Fahrzeugmodells ein

Ein neues Fahrzeug eingeben

Wählen Sie den Fahrzeug-Typ

## SCHRITT 3

Überprüfen Sie die Kompatibilität

✗ amazonconfirmedfit | ! Dies passt nicht

✓ amazonconfirmedfit | ✓ Dies passt

Bitte klicken Sie vor der Bestellung auf das Ausrufezeichen, um wichtige Informationen zu sehen.

## SCHRITT 4

Schritt 4: Überprüfen Sie die OE-Nummer

Bitte überprüfen Sie, ob die OE-Nummer unseres Produkts mit der OE-Nummer des zu ersetzenden Produkts übereinstimmt.



Überprüfen Sie die Partfinder-Daten (Amazonconfirmedfit grün angezeigt), Hinweis und die OE-Nummer, um sicherzustellen, dass dieses Produkt mit dem zu ersetzenden Teil übereinstimmt.

Image: A visual guide illustrating the process of checking product compatibility, including steps for verifying vehicle information and OEM numbers.

## SPECIFICATIONS

The Frankberg shock absorbers are manufactured with high-quality materials and precision engineering to ensure durability and performance.

Feature	Detail
Installation Position	Front Axle Left and Right
Shock Absorber Type	Gas Pressure
Shock Absorber System	Twin-tube
Material	Alloy Steel

Feature	Detail
Finish	Metal
Item Weight	8.16 Kilograms (per pair)
Product Dimensions	55 x 27 x 17 cm
Model Number	230307

**FRANKBERG**

# STABIL IN JEDER MEILE FELSENFESTES FAHREN

Glatter Fahrkomfort,  
Stabiles Fahren

\*Abbildungen können vom gelieferten Produkt abweichen.

Produktspezifikationen:	
Einbauposition	Vorne Links & Rechts
Zustand	Neu
Stoßdämpfertyp	Gasdruck
Befestigungsart	Oben Stift, Unten Buchse
Stoßdämpferartsystem	Doppelrohr
Gesteckte Länge (mm)	522

Kompatibel für Audi-Modellen:			
• Audi	A3	8L1	1996-2003

Kompatibel für Seat-Modellen:			
• Seat	Leon	1M1	1999-2006
• Seat	Toledo II	1M2	1999-2004

Kompatibel für Skoda-Modellen:			
• Skoda	Octavia I	1U2	1996-2010
• Skoda	Octavia I Combi	1U5	1998-2010

Kompatibel für VW-Modellen:			
• VW	Bora	1J2	1998-2013
• VW	Bora Variant	1J6	1999-2005
• VW	Golf IV	1J1	1997-2003
• VW	Golf IV Variant	1J5	1999-2006

OE/OEM Referenznummer(n)
334812, 315087, E4858, 200954, 334220, 1J0413031AB, 312354, 200951, 230307, 634812, E4593

Image: A detailed view of the product's technical specifications and a list of compatible vehicle models, emphasizing stable and reliable performance.



Image: An internal view of the shock absorber, illustrating its reliable mounting points, smooth exterior finish, and the use of premium hydraulic oil for optimal performance.

## INSTALLATION AND SETUP

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Installation of shock absorbers requires specialized tools and knowledge. It is highly recommended that this product be installed by a qualified and experienced mechanic. Improper installation can lead to vehicle damage, reduced performance, and safety hazards.

### General Installation Guidelines:

- Ensure the vehicle is safely lifted and supported on jack stands.
- Remove the wheel and access the existing shock absorber assembly.
- Carefully disconnect and remove the old shock absorber, noting the orientation of all components.
- Install the new Frankberg shock absorber, ensuring all bolts and nuts are tightened to the manufacturer's specified torque settings.
- Reassemble all components in reverse order of removal.
- After installation, it is advisable to perform a wheel alignment to ensure optimal vehicle handling.

For detailed, vehicle-specific instructions, always refer to your vehicle's official workshop manual.



Image: Close-up views of the shock absorber's critical components, such as the shaft, upper and lower mounting points, and the spring seat, illustrating their design and construction.

## MAINTENANCE

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Shock absorbers are sealed units and generally do not require routine maintenance. However, regular inspection of your vehicle's suspension system is recommended to identify any potential issues early.

### Inspection Points:

- **Fluid Leaks:** Check for any signs of oil leakage around the shock absorber body. A leaking shock absorber indicates a loss of damping fluid and requires replacement.
- **Physical Damage:** Inspect for dents, bends, or corrosion on the shock absorber body or shaft.
- **Mounting Points:** Ensure all mounting bolts are secure and there is no excessive play or wear in the bushings.
- **Tire Wear:** Uneven or cupped tire wear can be an indicator of worn shock absorbers.

Addressing these issues promptly can prevent further damage to your vehicle's suspension and maintain driving safety.

## TROUBLESHOOTING

Worn or failing shock absorbers can manifest in several ways, impacting vehicle performance and comfort. If you experience any of the following symptoms, it may indicate that your shock absorbers need inspection or replacement:

- **Excessive Bouncing:** The vehicle continues to bounce significantly after hitting a bump.
- **Poor Steering Response:** Difficulty in steering, especially around corners, or a feeling of looseness in the steering.
- **Nose Dive During Braking:** The front of the vehicle dips excessively when braking.
- **Squat During Acceleration:** The rear of the vehicle dips excessively when accelerating.
- **Uneven Tire Wear:** Scalloped or cupped wear patterns on tires.
- **Fluid Leaks:** Visible oil or fluid leaking from the shock absorber body.
- **Unusual Noises:** Clunking or rattling sounds coming from the suspension, especially over bumps.

If you observe any of these signs, it is advisable to have your vehicle's suspension system inspected by a qualified mechanic.

## VERHALTEN BEI AUSFALL DER STOSSDÄMPFER

- Unruhig
- Schwankend
- Uneben

## VORTEILE NACH DEM ERSATZ



Verbessert den  
Fahrkomfort



Verbessert  
Fahrbedingungen



Verbessert die  
Reifenhaftung

Image: Visual representation of common issues caused by failing shock absorbers (e.g., unstable ride, swaying, unevenness) and the significant benefits gained after replacement, such as improved driving comfort, better road conditions, and enhanced tire grip.

## BENEFITS OF FRANKBERG SHOCK ABSORBERS

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Upgrading to or replacing with Frankberg shock absorbers offers several advantages for your vehicle's performance and your driving experience:

- **Enhanced Stability:** Provides excellent vehicle stability, reducing body roll and sway during turns and over uneven surfaces.
- **Improved Driving Comfort:** Effectively absorbs shocks and vibrations from the road, leading to a smoother and more comfortable ride.
- **Protection of Vehicle Components:** By controlling suspension movement, they help protect other vehicle parts from excessive wear and tear.
- **OE Specification Fit:** Designed to match original equipment specifications, ensuring a precise fit and reliable performance without modifications.
- **Reduced Noise:** Contributes to a quieter ride by minimizing suspension noise.
- **No Oil Leakage:** Engineered with high-quality seals to prevent fluid leaks, ensuring long-term performance.

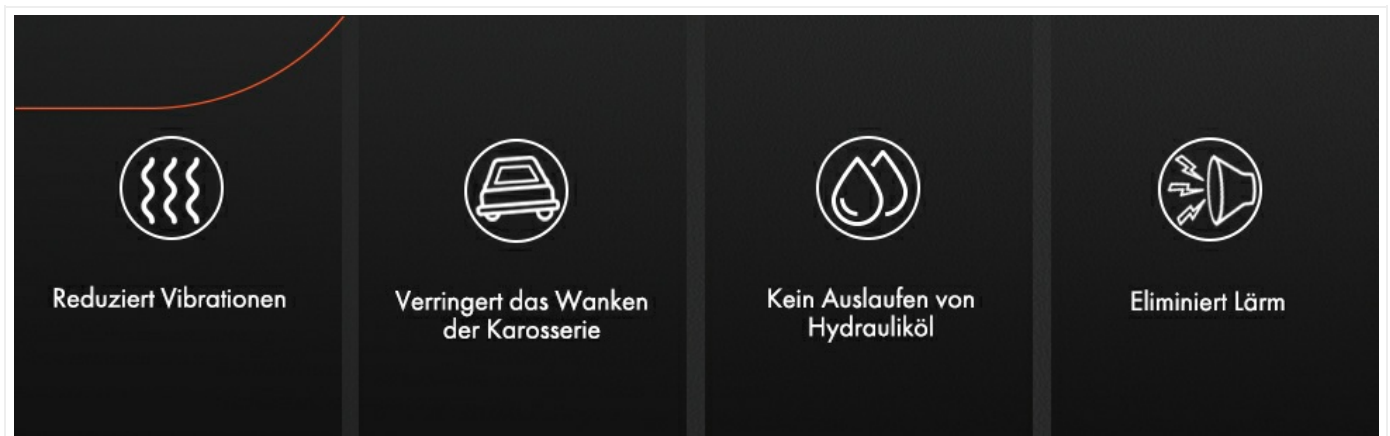


Image: Icons illustrating key benefits of the shock absorbers: reduced vibrations, decreased body roll, prevention of oil leakage, and elimination of suspension noise.

## WARUM SOLLTEN SIE SICH FÜR STÖßDÄMPFER BAUSATZ VON FRANKBERG WÄHLEN?

- 1 Fabelhafte Stabilität
- 2 Komfortables Fahren
- 3 Schützt andere Teile des Fahrzeugs
- 4 Passt zum Originalspezifikation



Image: A summary of reasons to choose Frankberg shock absorbers, highlighting their stability, comfort, protective qualities for other vehicle parts, and adherence to original specifications.

### IMPORTANT NOTICE AND SUPPORT

This product is a critical component of your vehicle's safety system. For specific installation instructions and to ensure proper function, please consult the appropriate workshop manual for your vehicle model. If you do not possess an installation manual or lack the necessary expertise to install this part, it is strongly recommended to seek assistance from a qualified mechanic.

Frankberg is committed to providing high-quality automotive parts. For any product-related inquiries or technical support, please refer to the contact information provided with your purchase or visit the official Frankberg website.

**Hinweis:** Bitte verwenden Sie das entsprechende Werkstatthandbuch für Ihr Fahrzeug, um spezifische Anweisungen zu erhalten. Wenn Sie kein Installationshandbuch haben oder über die nötigen Kenntnisse verfügen, um dieses Teil zu installieren, empfehlen wir Ihnen, sich an einen qualifizierten Mechaniker zu wenden.

Image: An important notice advising users to consult their vehicle's workshop manual for specific instructions or to seek assistance from a qualified mechanic if they lack the necessary knowledge for installation.

