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› ZORZA Rear Suspension Assembly Strut Shock Absorber Pair Set Instruction Manual for Dodge Neon and Plymouth Neon (Model BGNVX-100-4403)

ZORZA BGNVX-100-4403

ZORZA Rear Suspension Assembly Strut Shock Absorber Pair Set Instruction Manual

Model: BGNVX-100-4403 | Brand: ZORZA

1. PRODUCT OVERVIEW

This manual provides instructions for the ZORZA Rear Suspension Assembly Strut Shock Absorber Pair Set. This product is designed to replace the rear suspension components in compatible vehicles, enhancing ride comfort and maintaining tire contact with the road for improved handling.

1.1 Compatibility

- For Dodge Neon 2.0L (1995-1999)
- For Plymouth Neon 2.0L (1995-1999)

1.2 Package Contents

- 2 x Complete Rear Suspension Assembly Strut Shock Absorbers (Part Numbers: 181960, 171960)
- Necessary installation hardware (included)



Image 1.1: The ZORZA Rear Suspension Assembly Strut Shock Absorber Pair Set, showing both units.

2. INSTALLATION (SETUP)

Installation of suspension components requires specialized tools and knowledge. It is highly recommended that installation be performed by a qualified automotive technician. Improper installation can lead to vehicle

damage, loss of control, and serious injury.

2.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before beginning work. Never rely solely on a jack.
- Disconnect the vehicle's battery if working near electrical components.
- Refer to your vehicle's service manual for specific torque specifications and additional safety guidelines.

2.2 Installation Steps

1. **Prepare the Vehicle:** Safely lift the vehicle and secure it. Remove the rear wheels.
2. **Remove Old Components:** Carefully extract the existing shock absorber or complete strut assembly. This may involve disconnecting brake lines, ABS sensors, and sway bar links.
3. **Mount New Assembly:** Position the new ZORZA suspension assembly. Ensure proper alignment with mounting points.
4. **Secure Hardware:** Install and hand-tighten all bolts and nuts provided with the new assembly.
5. **Torque to Specifications:** Using a torque wrench, tighten all fasteners to the vehicle manufacturer's specified torque values. Do not overtighten.
6. **Reassemble:** Reconnect any disconnected components (brake lines, sensors, etc.). Reinstall the wheels.
7. **Final Check:** Lower the vehicle. Perform a visual inspection to ensure all components are correctly installed and secured.



Image 2.1: An angled view of a single ZORZA rear suspension strut, highlighting the coil spring and mounting points.



Image 2.2: A side profile view of a ZORZA rear suspension strut, showing the full length and construction.

3. OPERATION AND FUNCTIONALITY

The ZORZA Rear Suspension Assembly Strut Shock Absorber is engineered to provide consistent performance across various driving conditions. Its primary function is to dampen spring oscillations, which

reduces road impact and provides a smoother ride. By maintaining consistent tire contact with the road surface, it significantly improves vehicle handling and stability.

- **Ride Comfort:** Absorbs bumps and vibrations from the road, contributing to a more comfortable passenger experience.
- **Vehicle Stability:** Helps prevent excessive body roll during turns and nose-dive during braking, maintaining vehicle control.
- **Tire Contact:** Ensures tires remain in contact with the road, which is crucial for effective braking and steering.



Image 3.1: An angled view of the top section of a ZORZA rear suspension strut, detailing the upper mounting plate and hardware.

4. MAINTENANCE

Routine inspection and maintenance are essential for the longevity and optimal performance of your ZORZA suspension components. Regular checks can help identify potential issues before they become severe.

4.1 Recommended Maintenance Schedule

- **Every 12,000 miles or annually:** Visually inspect the shock absorbers for signs of leakage, damage, or

corrosion. Check rubber bushings for cracks or excessive wear.

- **Every 30,000 miles:** Have a professional technician inspect the entire suspension system, including mounting hardware, springs, and related components, for wear and proper function.

4.2 Inspection Points

- **Fluid Leaks:** Check for any oil or fluid leaking from the shock body. A light film is normal, but significant wetness indicates a seal failure.
- **Physical Damage:** Look for dents, bends, or cracks on the shock body, spring, or mounting brackets.
- **Bushings:** Inspect rubber bushings for cracking, tearing, or excessive compression, which can lead to noise and poor handling.
- **Mounting Hardware:** Ensure all bolts and nuts are tight and free from corrosion.

5. TROUBLESHOOTING

If you experience issues with your vehicle's suspension after installation, consult the following troubleshooting guide. For complex issues, professional diagnosis is recommended.

Symptom	Possible Cause	Solution
Excessive Bouncing or Swaying	Worn or damaged shock absorber, incorrect installation.	Inspect shocks for leaks or damage. Verify proper installation and torque.
Clunking or Rattling Noise	Loose mounting hardware, worn bushings, damaged components.	Check all fasteners for tightness. Inspect bushings for wear.
Uneven Tire Wear	Misalignment, worn suspension components.	Perform a wheel alignment. Inspect all suspension components for wear.
Stiff Ride	Incorrect part application, damaged spring.	Verify part compatibility. Inspect springs for damage.

6. SPECIFICATIONS

Attribute	Detail
Brand	ZORZA
Manufacturer	ZORZA
Model	automotive-shock-absorbers
Item Model Number	A86262-50194365
Manufacturer Part Number	BGNVX-100-4403
ASIN	B0DSFS918K
Position	Rear, Left, Right

Attribute	Detail
Quantity	2 Piece
Date First Available	March 1, 2023

7. WARRANTY INFORMATION

Specific warranty terms for the ZORZA Rear Suspension Assembly Strut Shock Absorber Pair Set are provided by the manufacturer or seller at the time of purchase. Please retain your proof of purchase for any warranty claims. For detailed warranty information, refer to the documentation included with your product or contact the seller directly.

8. SUPPORT

For technical assistance, installation questions, or product support, please contact the seller or manufacturer through the platform where the product was purchased. Provide your product model number (BGNVX-100-4403) and purchase details for efficient service.