

C2620

Generic C2620 Adjustable Front Shock Absorber Instruction Manual

For 1962-1979 Dodge Vehicles

1. INTRODUCTION

This manual provides essential information for the proper installation, adjustment, and maintenance of your Generic C2620 Adjustable Front Shock Absorber. Adhering to these instructions will ensure optimal performance and longevity of the product. Please read this manual thoroughly before attempting any installation or adjustment.

2. COMPATIBILITY

The C2620 Adjustable Front Shock Absorber is designed for direct fitment on:

- **Dodge vehicles manufactured between 1962 and 1979.**

Verify your vehicle's make, model, and year against this compatibility information before proceeding with installation.

3. KEY FEATURES

The C2620 shock absorber incorporates advanced features for enhanced vehicle dynamics:

- **3-Way Valving System:** Allows for precise control over the shock's extension and compression characteristics.
- **Adjustable Ratios:** Front shocks offer three adjustable ratios: 90/10, 80/20, and 60/40. These ratios represent the percentage of force required to extend (first number) and compress (second number) the shock.
- **Optimized for Weight Transfer:** Adjustments enable fine-tuning of the vehicle's front end to facilitate weight transfer during initial acceleration, followed by a smooth return to a stable ride.
- **Monotube Internal Design:** Provides consistent performance and improved heat dissipation.

4. SETUP (INSTALLATION)

Professional installation is highly recommended. Improper installation can lead to vehicle damage or personal injury. Always refer to your vehicle's service manual for specific torque specifications and

procedures.

4.1 Pre-Installation Checks

- Ensure all components are present and undamaged.
- Confirm the shock absorber matches the vehicle application.
- Gather necessary tools, including jack stands, wrenches, and a torque wrench.

4.2 Installation Steps (General)

1. Safely lift and support the vehicle using jack stands.
2. Remove the old shock absorber according to your vehicle's service manual. Note the orientation of the upper and lower mounts.
3. Install the new C2620 shock absorber. The upper mount is a stud type, and the lower mount is an eyelet type. Ensure all bushings and washers are correctly positioned.
4. Tighten all fasteners to the manufacturer's specified torque values.
5. Carefully lower the vehicle.

No product images were provided for embedding. An image here would typically illustrate the shock absorber's mounting points (stud upper mount, eyelet lower mount) and general installation process.

5. OPERATING (ADJUSTMENT)

The C2620 shock absorber features an adjustable valving system to fine-tune your vehicle's suspension performance. Adjustments should be made with the vehicle safely supported or on a lift, and the shock absorber fully extended or compressed as per the adjustment mechanism design.

5.1 Understanding Adjustment Ratios

The front shocks offer three settings:

- **90/10:** High extension force, low compression force. Ideal for maximizing front-end lift during acceleration for weight transfer.
- **80/20:** Moderate extension force, moderate compression force. A balanced setting for general performance.
- **60/40:** Lower extension force, higher compression force. Provides quicker front-end settling and improved stability.

5.2 Adjustment Procedure

Locate the adjustment mechanism on the shock absorber. This typically involves rotating a collar or knob to select the desired valving ratio. Consult the markings on the shock body for specific ratio indicators.

- Turn the adjustment mechanism to align with the desired ratio (e.g., 90/10, 80/20, or 60/40).
- Ensure the adjustment is securely set before operating the vehicle.
- Always adjust both front shocks to the same setting for balanced handling.

No product images or videos were provided for embedding. An image or video here would typically demonstrate the location and method of adjusting the valving system on the shock absorber.

6. MAINTENANCE

Regular inspection and basic maintenance will help prolong the life and performance of your C2620 shock

absorbers.

- **Periodic Inspection:** Visually inspect the shock absorbers for any signs of leaks, damage, or wear on the mounts and bushings during routine vehicle maintenance.
- **Cleaning:** Keep the shock bodies clean from dirt, salt, and debris. Use mild soap and water, then rinse thoroughly.
- **Fastener Torque:** Periodically check the torque of all mounting fasteners to ensure they remain tight.

7. TROUBLESHOOTING

If you experience issues with your C2620 shock absorbers, consider the following common points:

- **Poor Ride Quality / Excessive Bouncing:** Check for signs of fluid leaks, indicating a failed seal. Ensure mounting bolts are tight. Verify adjustment settings are appropriate for your driving conditions.
- **Unusual Noises (Clunking/Squeaking):** Inspect all mounting points for looseness or worn rubber bushings. Ensure no components are contacting other parts of the suspension or chassis.
- **Uneven Ride Height:** While these shocks are designed for stock ride height, ensure both front shocks are set to the same adjustment ratio. Check for other suspension component issues.

For persistent issues, consult a qualified automotive technician.

8. SPECIFICATIONS

Specification	Value
Part Number	C2620 (also CA12-1Az279)
Product Line	Adjustable Shocks
UPC	084663026201
Ride Height	Stock
Extended Length	16.840 in.
Collapsed Length	10.370 in.
Internal Design	Monotube
Adjustable Valving	Yes (3-way)
Charged	No
Upper Mount	Stud
Lower Mount	Eyelet
Material	Rubber (bushings)
Boot Included	No
Body Diameter	1.630 in.

Specification	Value
Quantity	Sold individually

9. SAFETY INFORMATION

WARNING: This product may expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

- Always wear appropriate personal protective equipment (PPE) when handling or installing automotive parts.
- Ensure the vehicle is securely supported before working underneath it.
- Do not modify the shock absorber or its components.
- Dispose of old parts and fluids responsibly according to local regulations.

10. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Generic C2620 Adjustable Front Shock Absorber, please contact the manufacturer or your authorized dealer. Keep your proof of purchase for warranty claims.