Cardone 19B2736

A1 Cardone 19-B2736 Disc Brake Caliper User Manual

Model: 19B2736

Product Overview

The A1 Cardone 19-B2736 Disc Brake Caliper is a remanufactured automotive component designed for reliable braking performance. This caliper includes necessary installation hardware and a mounting bracket, ensuring a comprehensive solution for brake system maintenance or replacement. Each unit undergoes rigorous pressure testing to guarantee proper function and includes new bleeder screws and 100% O.E.-specific rubber seals for optimal performance and a positive seal.



Figure 1: A1 Cardone 19-B2736 Disc Brake Caliper. This image displays the complete caliper assembly, including the main body, mounting bracket, and accompanying hardware such as copper washers and retaining clips.

Setup and Installation

Proper installation is crucial for the safe and effective operation of your vehicle's braking system. It is recommended that installation be performed by a qualified automotive technician.

Required Tools and Materials:

- Socket/Wrench Set
- Brake Fluid (DOT 3 or DOT 4, as specified by vehicle manufacturer)
- Brake Cleaner
- Torque Wrench
- Bleeder Wrench/Kit
- Safety Glasses and Gloves

Installation Steps:

1. **Prepare Vehicle:** Safely lift and support the vehicle. Remove the wheel.

2. **Remove Old Caliper:** Disconnect the brake line from the old caliper. Be prepared for brake fluid leakage. Remove the caliper mounting bolts and carefully detach the old caliper.
3. **Install New Caliper:** Ensure the mounting bracket slides properly. Attach the new A1 Cardone caliper to the vehicle's mounting points using the provided hardware. Torque bolts to vehicle manufacturer specifications.
4. **Connect Brake Line:** Connect the brake line to the new caliper using the new copper washers provided for a perfect seal. Tighten securely.
5. **Bleed Brake System:** Bleed the brake system to remove any air. Start with the wheel furthest from the master cylinder and work your way closer. Ensure the brake fluid reservoir remains full during this process.
6. **Final Checks:** Inspect all connections for leaks. Reinstall the wheel and lower the vehicle. Pump the brake pedal several times to ensure firm pedal feel before driving.

Operating Considerations

Once installed, the A1 Cardone 19-B2736 Disc Brake Caliper operates as part of your vehicle's hydraulic braking system. Proper operation relies on a fully bled system and correctly installed brake pads (not included with this caliper). Always ensure brake pads are installed according to their manufacturer's instructions.

Initial Use:

- After installation, perform a few low-speed stops in a safe area to confirm proper brake function and pedal feel.
- Listen for any unusual noises and check for any fluid leaks.

Maintenance

Regular maintenance of your braking system is essential for safety and longevity. While the caliper itself is a durable component, its associated parts require periodic inspection.

Recommended Maintenance Schedule:

- **Every Oil Change (or 5,000-7,500 miles):** Inspect brake fluid level and condition. Check for any visible leaks around the caliper and brake lines.
- **Every 15,000-20,000 miles:** Inspect brake pads for wear. Check caliper slide pins for proper lubrication and movement. Ensure dust boots are intact.
- **Every 30,000 miles (or as per vehicle manufacturer):** Consider flushing and replacing brake fluid.

Note: Pre-lubricated guide bolts on the mounting bracket are designed to save installation time and prevent seizing, but periodic inspection is still recommended.

Troubleshooting

This section addresses common issues that may arise with brake calipers. If you encounter problems not listed here, consult a professional mechanic.

Symptom	Possible Cause	Solution
Soft or Spongy Brake Pedal	Air in the brake lines; low brake fluid; faulty master cylinder.	Bleed the brake system thoroughly; check and top up brake fluid; inspect master cylinder.
Brake Pulling to One Side	Sticking caliper piston or slide pins; uneven brake pad wear; contaminated brake fluid.	Inspect and lubricate slide pins; check brake pads; flush brake fluid.

Symptom	Possible Cause	Solution
Brakes Dragging/Overheating	Caliper piston not retracting; seized slide pins; brake hose restriction.	Inspect caliper piston and slide pins; check brake hose for kinks or blockages.
Fluid Leak at Caliper	Improperly tightened brake line; damaged copper washers; faulty bleeder screw.	Retighten brake line with new copper washers; ensure bleeder screw is tight and not stripped.

Specifications

Attribute	Value
Brand	Cardone
Model Number	19B2736
Part Type	Disc Brake Caliper (Remanufactured)
Included Components	Installation Hardware, Mounting Bracket, Copper Washers, New Bleeder Screws
Testing	100% Pressure Tested
Seals	100% O.E.-specific rubber seals

Warranty and Support

For specific warranty information regarding your A1 Cardone 19-B2736 Disc Brake Caliper, please refer to the documentation provided with your purchase or visit the official Cardone website. Warranty terms typically cover defects in materials and workmanship.

For technical support, installation assistance, or to inquire about parts, please contact Cardone customer service directly. Contact information can usually be found on the manufacturer's website or product packaging.
Manufacturer: A1 Cardone
Brand: Cardone
Official Website: www.cardone.com (*Note: This is a general example link, please refer to actual product documentation for precise support contacts.*)

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This manual is for informational purposes only. Always consult a qualified professional for vehicle maintenance and repairs.

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Example: How do I reset this device or fix this error?

Details

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