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> [Borla](#) /

> BORLA 40364 ProXS Universal Performance Muffler User Manual

Borla 40364

BORLA 40364 ProXS Universal Performance Muffler User Manual

MODEL: 40364 | BRAND: BORLA

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your Borla 40364 ProXS Universal Performance Muffler. Please read this manual thoroughly before proceeding with any procedures to ensure safe and correct usage. This muffler is designed to enhance the exhaust sound and performance of your vehicle.

2. Product Overview

The Borla 40364 ProXS Universal Performance Muffler is a value-priced component crafted from high-quality T-304 austenitic stainless steel. It features a reversible design, allowing for flexible installation to best suit your vehicle's exhaust system. This muffler is engineered to provide a balanced performance sound.

- **Material:** T-304 Stainless Steel for durability and corrosion resistance.
- **Construction:** All-welded for robust integrity.
- **Inlet/Outlet:** 2.5" Center Inlet, 2.5" Center Outlet.
- **Design:** Reversible for versatile installation.
- **Necks:** Un-notched necks designed for weld-in installation.



Figure 2.1: The Borla 40364 ProXS Universal Performance Muffler, showcasing its stainless steel construction and inlet/outlet design.

3. Safety Information

Always prioritize safety when working on your vehicle. Improper installation or handling of exhaust components can lead to serious injury or damage. If you are not confident in performing the installation, seek professional assistance.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before working underneath.
- Allow the exhaust system to cool completely before handling to prevent burns.
- Exercise caution when cutting or welding to avoid sparks, fumes, and heat-related hazards.
- **Proposition 65 Warning:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

4. Installation

The Borla 40364 ProXS muffler is designed for weld-on installation. Professional installation is recommended to ensure proper fitment and sealing. If clamping is preferred, use 3-inch wide band clamps (Borla part number 18004) for secure attachment.

1. **Preparation:** Ensure the vehicle is cool and safely elevated. Remove the existing muffler if applicable.
2. **Fitment Check:** Position the new Borla muffler to determine the optimal orientation and fit within the exhaust system. The reversible design allows for flexibility.
3. **Cutting and Alignment:** Carefully cut the existing exhaust pipes to accommodate the new muffler. Ensure proper alignment for a straight and secure fit.
4. **Welding/Clamping:**

- **For Weld-On:** Weld the muffler securely to the exhaust pipes. Ensure a complete and leak-free seal.
 - **For Clamping:** Use Borla 3-inch wide band clamps (part number 18004) to secure the muffler to the pipes. Tighten clamps evenly to prevent leaks.
5. **Final Inspection:** Check all connections for leaks and ensure the muffler is securely mounted and does not interfere with other vehicle components.

5. Operation

The Borla ProXS muffler is designed to deliver a performance exhaust note that is noticeable but not excessively loud. It typically provides a deep, rich tone under acceleration while maintaining a quieter profile during cruising or idle. The sound characteristics may vary depending on the vehicle's engine, other exhaust components, and overall setup.

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Video 5.1: This video showcases the sound of the muffler, described as quiet for daily driving but responsive when accelerating.

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Video 5.2: A short clip demonstrating the sound of the muffler on a van.

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Video 5.3: This video provides an example of the muffler's sound in an automotive application.

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Video 5.4: A demonstration of a straight-through muffler, providing insight into its design and potential sound characteristics.

6. Maintenance

The Borla ProXS muffler is constructed from T-304 stainless steel, known for its excellent corrosion resistance and durability. Minimal maintenance is required. Periodically inspect the muffler and exhaust system for:

- Loose connections or clamps.
- Cracks or damage to the muffler body or welds.
- Corrosion or rust, especially in areas where the exhaust system connects to other components.
- Ensure proper clearance from other vehicle parts to prevent rubbing or heat damage.

Cleaning with mild soap and water can help maintain the appearance of the stainless steel finish.

7. Troubleshooting

If you experience issues with your Borla ProXS muffler, consider the following common troubleshooting steps:

- **Excessive Noise or Rattle:** Check for loose clamps, hangers, or contact with other vehicle components. Ensure all connections are tight.
- **Exhaust Leaks:** Inspect all welds and clamped connections for signs of exhaust gas leakage. Leaks can affect performance and sound.
- **Unusual Vibrations:** Verify that the muffler is securely mounted and not touching the vehicle's frame or body.
- **Sound Not as Expected:** Exhaust sound can be subjective and influenced by other exhaust components (e.g., catalytic converters, resonators) and engine type. Ensure all components are correctly installed.

If problems persist, consult a qualified automotive technician.

8. Specifications

Feature	Detail
Brand	Borla
Model Number	40364
Material	T-304 Stainless Steel
Inlet Connection Size	2.5 Inches (Center)
Outlet Connection Size	2.5 Inches (Center)
Body Shape	Oval (4" x 9.5")
Body Length	14 Inches
Overall Length	19 Inches
Installation Type	Weld On (Un-Notched Necks)
Reversible Design	Yes
Item Weight	0.01 ounces <i>(Note: This weight might be a placeholder or incorrect in the source data)</i>
Product Dimensions	24 x 10 x 6 inches

9. Warranty and Support

Borla products are known for their quality and durability. For specific warranty information regarding your Borla 40364 ProXS Universal Performance Muffler, please refer to the warranty documentation included with your purchase or visit the official Borla website. For technical support or assistance, please contact Borla customer service directly.

Manufacturer: BORLA