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## Borla 40359

# BORLA 40359 ProXS Universal Performance Muffler Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your BORLA 40359 ProXS Universal Performance Muffler. Please read these instructions thoroughly before proceeding with any installation or modification.



This image displays the Borla 40359 ProXS Universal Performance Muffler. It features a polished T-304 stainless steel oval body with an offset inlet and center outlet. The Borla ProXS logo is embossed on the muffler's surface.

## 2. SAFETY INFORMATION

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Automotive work can be hazardous. Always prioritize safety by following these guidelines:

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection.
- Ensure the vehicle is securely supported on jack stands or a lift before working underneath it.
- Allow the exhaust system to cool completely before handling to prevent burns.
- Work in a well-ventilated area, especially if welding or using cutting tools.
- Disconnect the vehicle's battery before performing any electrical work.
- If you are not experienced with exhaust system installation, it is recommended to seek professional assistance.

## 3. PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- BORLA 40359 ProXS Universal Performance Muffler (Quantity: 1)

## 4. SETUP AND INSTALLATION

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The BORLA 40359 ProXS muffler features un-notched necks designed for weld-in installation. Professional installation is highly recommended for optimal fitment and performance.

### 4.1. Tools and Materials (Not Included)

- Welding equipment and supplies (if welding)
- Exhaust pipe cutter or saw
- Measuring tape
- Marker
- Appropriate wrenches or sockets
- Vehicle lift or jack stands
- Safety glasses and gloves
- Optional: 3-inch wide band clamps (BORLA part number 18006 or equivalent) if not welding.

### 4.2. Installation Steps

1. **Prepare Vehicle:** Park the vehicle on a level surface and engage the parking brake. Allow the exhaust system to cool completely. Lift the vehicle using a hoist or securely place it on jack stands.
2. **Remove Existing Muffler:** Carefully locate and remove the existing muffler. This may involve cutting the exhaust pipe or unbolting flanges. Note the orientation and position of the original muffler.
3. **Measure and Cut:** Position the new BORLA ProXS muffler to determine the necessary cuts on your vehicle's exhaust piping. Ensure proper alignment and clearance from other vehicle components. Mark the cut points accurately.
4. **Install Muffler:**
  - **Weld-in Installation:** Slide the muffler onto the exhaust pipes. Ensure the 3-inch offset inlet and 3-inch center outlet are correctly oriented. Tack weld the muffler into place, then perform a full,

continuous weld around all connections.

- **Clamp-in Installation (Optional):** If welding is not desired, use 3-inch wide band clamps (e.g., BORLA 18006) to secure the muffler to the exhaust pipes. Ensure clamps are tightened securely to prevent leaks.

5. **Inspect and Adjust:** After installation, visually inspect all connections for leaks and ensure the muffler has adequate clearance from the chassis, suspension, and fuel lines. Start the engine and check for exhaust leaks and proper sound.
6. **Lower Vehicle:** Once satisfied with the installation, carefully lower the vehicle.

## 5. OPERATING CHARACTERISTICS

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The BORLA 40359 ProXS is a performance muffler designed to enhance exhaust sound. It typically produces a deeper, more aggressive tone compared to factory mufflers. While engineered to minimize undesirable drone, the specific sound characteristics can vary based on vehicle type, engine, and other exhaust components.

## 6. MAINTENANCE

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The BORLA ProXS muffler is constructed from T-304 stainless steel, offering excellent corrosion resistance and durability. Minimal maintenance is required:

- **Regular Inspection:** Periodically inspect the muffler and exhaust connections for any signs of damage, loose clamps, or exhaust leaks. Address any issues promptly.
- **Cleaning:** The stainless steel finish can be cleaned with mild soap and water, followed by a soft cloth. Avoid abrasive cleaners or harsh chemicals that could damage the finish.

## 7. TROUBLESHOOTING

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If you encounter issues after installing your BORLA ProXS muffler, consider the following:

- **Exhaust Leaks:** Check all welded or clamped connections. Leaks can cause unusual noises or reduced performance. Re-weld or tighten clamps as necessary.
- **Rattling or Vibrations:** Ensure the muffler is securely mounted and not contacting any other vehicle components. Check exhaust hangers for damage or improper installation.
- **Unusual Noise:** Verify that the muffler is installed in the correct orientation (if applicable) and that there are no obstructions in the exhaust path.

For persistent issues, consult a qualified automotive technician.

## 8. SPECIFICATIONS

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| Feature                    | Detail                       |
|----------------------------|------------------------------|
| Brand                      | Borla                        |
| Model Number               | 40359                        |
| Configuration              | Universal                    |
| Shape                      | Oval                         |
| Material                   | T-304 Stainless Steel        |
| Inlet Diameter             | 3 inches                     |
| Outlet Diameter            | 3 inches                     |
| Inlet/Outlet Configuration | Offset Inlet / Center Outlet |
| Body Length                | 14 inches                    |
| Overall Length             | 19 inches                    |
| Neck Type                  | Un-Notched                   |
| Item Weight                | 8.78 pounds                  |
| UPC                        | 808422403597                 |

## 9. WARRANTY INFORMATION

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Borla products are known for their quality and durability. For specific details regarding the warranty coverage for your BORLA 40359 ProXS Universal Performance Muffler, please refer to the official Borla website or contact Borla customer service directly. Warranty terms and conditions may vary.

## 10. SUPPORT

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For further assistance, technical questions, or to inquire about replacement parts, please contact Borla customer support through their official website or designated contact channels. When contacting support, please have your product model number (40359) and any relevant purchase information available.