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> BORLA 401158 Specialty Heavy Duty (Truck) Muffler - User Manual

Borla 401158

BORLA 401158 Specialty Heavy Duty Muffler User Manual

Model: 401158

PRODUCT OVERVIEW

The Borla 401158 Specialty Heavy Duty Muffler is engineered to provide superior sound enhancement and performance capabilities for various vehicle applications. Utilizing patented and race-bred muffler technology, this universal part is designed with high-temperature continuous-filament fiber (CFF) acoustic material for effective sound control.



A silver, cylindrical Borla 401158 Specialty Heavy Duty Muffler, featuring a center inlet/outlet design and the Borla logo etched on its side.

Key Features

- **T-304 Stainless Steel:** Ensures durability and corrosion resistance.
- **Made In USA:** Guarantees quality manufacturing standards.
- **Universal Muffler:** Designed for broad compatibility across various vehicle types.
- **Reversible Design:** Offers flexibility in installation.
- **Notched necks:** Facilitates clamp-in installation using 1" wide band style clamps (clamps not included).

INSTALLATION AND SETUP

Installation of exhaust components can be complex and may require specialized tools and expertise. It is highly recommended that the Borla 401158 muffler be installed by a qualified professional to ensure proper fitment, safety, and optimal performance.

General Installation Steps (Professional Installation Recommended)

1. **Vehicle Preparation:** Ensure the vehicle is safely lifted and secured. Allow the exhaust system to cool completely.
2. **Old Muffler Removal:** Carefully unbolt or cut the existing muffler from the exhaust system. Note the orientation and connections.
3. **Fitment Check:** Test fit the Borla 401158 muffler to ensure proper alignment with existing exhaust pipes. The reversible design allows for flexibility.
4. **Securing the Muffler:** Use appropriate clamps (1" wide band style clamps, not included) or welding to securely attach the new muffler to the exhaust system. Ensure all connections are tight and leak-free.
5. **Final Inspection:** Double-check all connections and ensure adequate clearance from other vehicle components. Start the engine and check for exhaust leaks and proper sound.

OPERATION

The Borla 401158 muffler is designed to modify the exhaust sound and flow characteristics of your vehicle. It utilizes internal baffling and acoustic materials to produce a refined exhaust note, typically a deeper and more aggressive tone compared to stock mufflers, without excessive loudness or drone during cruising.

The performance benefits include improved exhaust gas flow, which can contribute to enhanced engine efficiency and horsepower. The sound profile is engineered to be noticeable under acceleration while remaining comfortable for daily driving.

MAINTENANCE

The Borla 401158 muffler is constructed from T-304 stainless steel, which is highly resistant to corrosion and requires minimal maintenance. However, periodic inspection and cleaning can help preserve its appearance and ensure longevity.

- **Regular Inspection:** Periodically inspect the muffler and exhaust system for any signs of damage, cracks, loose connections, or exhaust leaks. Address any issues promptly.

- **Cleaning:** If desired, the natural mill finish can be brushed or polished prior to installation. For general cleaning, use mild soap and water to remove dirt and grime. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Check for Obstructions:** Ensure that the exhaust outlet is free from any debris or obstructions.

TROUBLESHOOTING

If you experience any issues with your Borla 401158 muffler, consider the following common troubleshooting steps:

- **Unusual Noises (Rattling, Buzzing):**
 - *Cause:* Loose clamps, contact with other vehicle components, or internal damage.
 - *Solution:* Check all clamps and mounting points for tightness. Ensure adequate clearance around the muffler. If internal damage is suspected, professional inspection is recommended.
- **Excessive Loudness or Drone:**
 - *Cause:* Exhaust leaks, improper installation, or specific vehicle acoustics.
 - *Solution:* Inspect for exhaust leaks at all connections. Ensure the muffler is installed correctly and securely. Some vehicles may naturally exhibit more drone with aftermarket exhaust components.
- **Exhaust Leaks:**
 - *Cause:* Loose clamps, improperly sealed joints, or damaged gaskets.
 - *Solution:* Tighten all clamps. If using slip-fit connections, ensure they are properly sealed. Replace any damaged gaskets.

For persistent issues, it is advisable to consult with a professional exhaust technician or contact Borla customer support.

SPECIFICATIONS

Brand	Borla
Model	401158
Item Weight	17 pounds
Material	T-304 Stainless Steel
Shape	Round
Inlet/Outlet Diameter	2.75" Center Inlet / 2.75" Center Outlet
Body Dimensions	7.75" Round x 24" Long Body
Overall Length	29"
Design	Universal Part, Reversible Design, Notched Necks

UPC

808422011587

WARRANTY INFORMATION

Borla products are manufactured to the highest standards and are backed by a manufacturer's warranty. Specific warranty terms and conditions, including coverage duration and limitations, are typically provided with the product packaging or can be found on the official Borla website. Please retain your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, installation questions, or warranty inquiries regarding your Borla 401158 Specialty Heavy Duty Muffler, please contact Borla customer support directly. Refer to the official Borla website or product packaging for the most current contact information.

Note: Always refer to the latest information provided by the manufacturer for the most accurate and up-to-date instructions and specifications.

ASK A QUESTION ABOUT THIS MANUAL

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Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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