

MBRP UA2001

MBRP UA2001 Diesel Exhaust Universal Adapter User Manual

Model: UA2001 | Brand: MBRP

INTRODUCTION

The MBRP UA2001 is a 4-inch I.D. to 5-inch O.D. exhaust pipe adapter, constructed from durable aluminized steel. This universal fitment adapter is designed to seamlessly connect exhaust components for optimal performance in a wide range of vehicles, including cars, trucks, and SUVs. It is an essential part for exhaust modifications or upgrades.

Key features include:

- **Exhaust Pipe Adapter:** Specifically designed for exhaust system integration.
- **Durable Construction:** Made from Aluminized Steel, offering a balance of durability and cost-effectiveness. Aluminized Steel provides good resistance against corrosion, making it suitable for dry climates with no rain or salt exposure.
- **Universal Compatibility:** Engineered for a wide range of vehicles, ensuring broad application.

SAFETY INFORMATION

Always prioritize safety when working with vehicle components. This product is intended for professional installation or by individuals with appropriate mechanical knowledge and tools. Failure to follow safety guidelines can result in injury or damage to property.

- 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.
- Allow the exhaust system to cool completely before beginning any work to prevent burns.
- Work in a well-ventilated area.
- Keep all tools and components organized to prevent tripping hazards.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning). Handle with care and wash hands after handling.

COMPONENTS

The MBRP UA2001 package typically includes:

- One (1) MBRP UA2001 4" I.D. to 5" O.D. Aluminized Exhaust Pipe Adapter.
- *Note: Additional clamps or welding materials may be required for installation and are sold separately.*



Figure 1: Front view of the MBRP UA2001 Exhaust Adapter.



Figure 2: Angled view of the MBRP UA2001 Exhaust Adapter, showing its conical shape.

SETUP AND INSTALLATION

The MBRP UA2001 adapter is designed for a bolt-on installation, but may require additional fabrication depending on your specific exhaust system. Always ensure proper fitment and sealing to prevent exhaust leaks.

Required Tools (Not Included):

- Safety glasses and gloves
- Measuring tape
- Marker or chalk
- Cutting tool (e.g., reciprocating saw, angle grinder with cut-off wheel)
- Deburring tool or file
- Exhaust clamps (appropriate size for 4" and 5" pipes) or welding equipment
- Jack and jack stands or vehicle lift

Installation Steps:

1. **Prepare the 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 jack and secure it with jack stands or a lift.
2. **Identify Connection Points:** Determine where the 4-inch and 5-inch sections of your exhaust system need to be joined. The UA2001 adapter has a 4-inch inner diameter (I.D.) on one end and a 5-inch outer diameter (O.D.) on the other.
3. **Measure and Mark:** Carefully measure the sections of pipe that need to be removed or adjusted to accommodate the adapter. Mark the cut lines clearly.
4. **Cut Exhaust Pipes:** Using an appropriate cutting tool, carefully cut the exhaust pipes at the marked locations. Ensure cuts are straight and clean.
5. **Deburr Edges:** Use a deburring tool or file to smooth any rough edges on the cut pipes to ensure a proper fit and prevent injury.
6. **Test Fit the Adapter:** Slide the 4-inch I.D. end of the UA2001 adapter over the existing 4-inch exhaust pipe. Then, slide the 5-inch O.D. end into the 5-inch exhaust pipe. Ensure a snug fit.
7. **Secure the Adapter:**
 - **Using Clamps:** Position appropriate exhaust clamps over the connection points and tighten them securely according to the clamp manufacturer's specifications.
 - **Welding:** If welding, ensure the adapter is properly aligned and tack weld it in place. Then, complete a full, continuous weld around both connections for a permanent seal.
8. **Check for Leaks:** After installation, start the vehicle and check for any exhaust leaks around the adapter connections. If leaks are present, re-tighten clamps or re-weld as necessary.
9. **Lower Vehicle:** Once installation is complete and checked, carefully lower the vehicle.

Your browser does not support the video tag.

Video 1: Official MBRP video showcasing manufacturing processes and product applications, providing context for exhaust system components.

OPERATING INSTRUCTIONS

The MBRP UA2001 is a passive component of your vehicle's exhaust system. Once properly installed, it requires no further operational input. Its function is to provide a secure and efficient transition between different diameter exhaust pipes.

MAINTENANCE

The aluminized steel construction of the UA2001 adapter is designed for durability. Regular maintenance involves:

- **Periodic Inspection:** Visually inspect the adapter and its connections during routine vehicle maintenance (e.g., oil changes). Look for signs of corrosion, cracks, loose clamps, or exhaust leaks.
- **Addressing Leaks:** If exhaust leaks are detected, re-tighten clamps or consult a professional for welding repair.
- **Cleaning:** The adapter generally does not require cleaning. If excessive dirt or debris accumulates, it can be wiped down when the exhaust system is cool.

Note: Aluminized steel offers good corrosion resistance in dry climates. In areas with high humidity, road salt, or frequent rain, surface rust may appear over time. This is typically cosmetic and does not affect the structural integrity of the

adapter unless severe.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Exhaust Leak at Adapter Connection	Loose clamps; improper fitment; inadequate weld; damaged adapter.	Tighten clamps; re-check fitment; re-weld if necessary; replace adapter if damaged.
Vibration or Rattling Noise	Adapter contacting other vehicle components; loose mounting.	Inspect for contact points and adjust position; ensure all connections are secure.
Excessive Surface Rust	Exposure to moisture, road salt, or harsh chemicals.	This is often cosmetic for aluminized steel. If structural integrity is a concern, consider replacement or professional assessment.

SPECIFICATIONS

Attribute	Detail
Model Number	UA2001
Inlet Diameter	4 inches (I.D.)
Outlet Diameter	5 inches (O.D.)
Material	Aluminized Steel
Item Weight	2 pounds
Product Dimensions	7.4 x 7.4 x 6 inches
Installation Type	Bolt-On (may require welding)
UPC	882963102683

WARRANTY AND SUPPORT

For specific warranty information and technical support regarding your MBRP UA2001 adapter, please refer to the official MBRP website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

MBRP Official Website: www.mbrp.com

For general inquiries or assistance, you may also visit the [MBRP Store on Amazon](#).



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Related Documents

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PLEASE READ BEFORE STARTING INSTALLATION

When MBRP is installed on a vehicle, it is important to read the instructions carefully and follow them exactly. Failure to do so may result in damage to the vehicle or the MBRP system.

1. Read the instructions carefully before starting the installation.
2. Do not use any tools or equipment that are not recommended by MBRP.
3. Do not use any lubricants or fluids that are not recommended by MBRP.
4. Do not use any electrical equipment that is not recommended by MBRP.
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For more information, please visit our website at www.mbrp.com.

Installation Instructions for Systems:
S6204304, S6204409, S6204AL

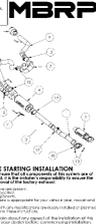
**99-03 Ford Excursion
7.3L Powerstroke Diesel**

[MBRP Exhaust System Installation Instructions for 99-03 Ford Excursion 7.3L Powerstroke Diesel](#)

Detailed installation guide for MBRP performance exhaust systems (S6204304, S6204409, S6204AL) on 1999-2003 Ford Excursion models equipped with the 7.3L Powerstroke Diesel engine.

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For more information, please visit our website at www.mbrp.com.

[MBRP S5268 Performance Exhaust System Installation Guide for Ford F150 \(2021-UP\)](#)

Comprehensive installation guide for the MBRP S5268 3" Cat-Back Dual Split Rear Performance Exhaust System, designed for 2021-UP Ford F150 models with 3.5L EcoBoost or 5.0L engines (Crew Cab, Short-Bed). Includes parts list and step-by-step instructions.