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Walker 22460

Walker Quiet-Flow SS 22460 Direct Fit Exhaust Muffler Instruction Manual

Model: 22460 | Brand: Walker

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Walker Quiet-Flow SS 22460 Direct Fit Exhaust Muffler. Designed for specific Ford F-150 models, this muffler features 100% stainless-steel construction for enhanced durability and superior acoustic performance.



Figure 1: Walker Quiet-Flow SS 22460 Direct Fit Exhaust Muffler

PRODUCT FEATURES

- **100% Stainless-Steel Construction:** Engineered for extended life compared to aluminized mufflers, featuring an internal drainage system to minimize moisture accumulation.
- **Direct-Fit Design:** Facilitates straightforward bolt-on replacement with OE-style hangers, brackets, and pipe routings, eliminating the need for specialized fabrication or welding.

- **Enhanced Durability:** Internal partitions and mechanically joined tubes accommodate temperature changes, reducing distortion. Spun-locked heads and OE-style spot welds contribute to structural stability and prolonged service life.
- **Premium Acoustic Control:** OE-style louvered tubes effectively reduce noise levels, while OE-style domed heads minimize radiated noise, providing factory-style sound quality.
- **Validated Design:** Acoustic and flow tested to ensure reliable, OE-style sound performance.

COMPATIBILITY

This muffler is designed for direct fitment on the following Ford F-150 models:

- 1987-1996 Ford F-150

Important: Before purchasing and installation, verify compatibility by entering your vehicle's year, make, model, engine, and trim information. Consult any specific qualifier notes to ensure correct fitment.

INSTALLATION INSTRUCTIONS

Installation of the Walker Quiet-Flow SS 22460 muffler is designed to be a direct-fit replacement. Professional installation is recommended. Always prioritize safety by wearing appropriate personal protective equipment (PPE) and working in a well-ventilated area.

Required Tools and Materials:

- Vehicle lift or jack stands
- Wrenches/sockets
- Penetrating oil
- Exhaust hanger removal tool (optional)
- Safety glasses and gloves
- New exhaust clamps (if not reusing existing ones)

Procedure:

1. **Prepare Vehicle:** Safely lift the vehicle using a lift or jack stands. Ensure the vehicle is stable. Allow the exhaust system to cool completely before beginning work.
2. **Locate Existing Muffler:** Identify the current muffler and its connection points to the exhaust pipes and hangers.
3. **Apply Penetrating Oil:** Apply penetrating oil to all bolts, nuts, and hangers that need to be removed. Allow time for the oil to penetrate.
4. **Remove Old Muffler:**
 - Loosen and remove any clamps or bolts securing the muffler to the exhaust pipes.
 - Carefully detach the muffler from its hangers. An exhaust hanger removal tool can assist with this.
 - Remove the old muffler from under the vehicle.
5. **Inspect and Prepare:** Inspect the surrounding exhaust components for any damage or excessive corrosion. Clean any mating surfaces if necessary.
6. **Install New Muffler:**
 - Position the new Walker Quiet-Flow SS 22460 muffler under the vehicle.
 - Attach the muffler to the existing exhaust hangers.
 - Connect the muffler to the exhaust pipes using new or appropriate clamps/bolts. Ensure a secure and leak-free connection.

free connection.

- Align the muffler to ensure proper clearance from other vehicle components.

7. **Tighten All Connections:** Systematically tighten all clamps and bolts to the manufacturer's recommended torque specifications.

8. **Final Inspection:** Lower the vehicle and start the engine. Check for any exhaust leaks by listening for hissing sounds or feeling for escaping gases. Address any leaks immediately.

BUILT TO LAST

Spun-locked heads and OE-style spot welds help provide structural stability



Figure 2: Illustration of direct-fit installation with OE-style hangers and pipe routings.

OPERATION

The Walker Quiet-Flow SS 22460 muffler is designed to provide optimal exhaust flow while maintaining a quiet, OE-style sound. Its internal design, featuring louvered tubes and domed heads, effectively reduces engine noise without compromising performance. No specific operational procedures are required beyond standard vehicle use.

PREMIUM ACOUSTIC CONTROL

OE-style louvered tubes lower noise levels while OE-style domed heads helps for premium factory-style sound

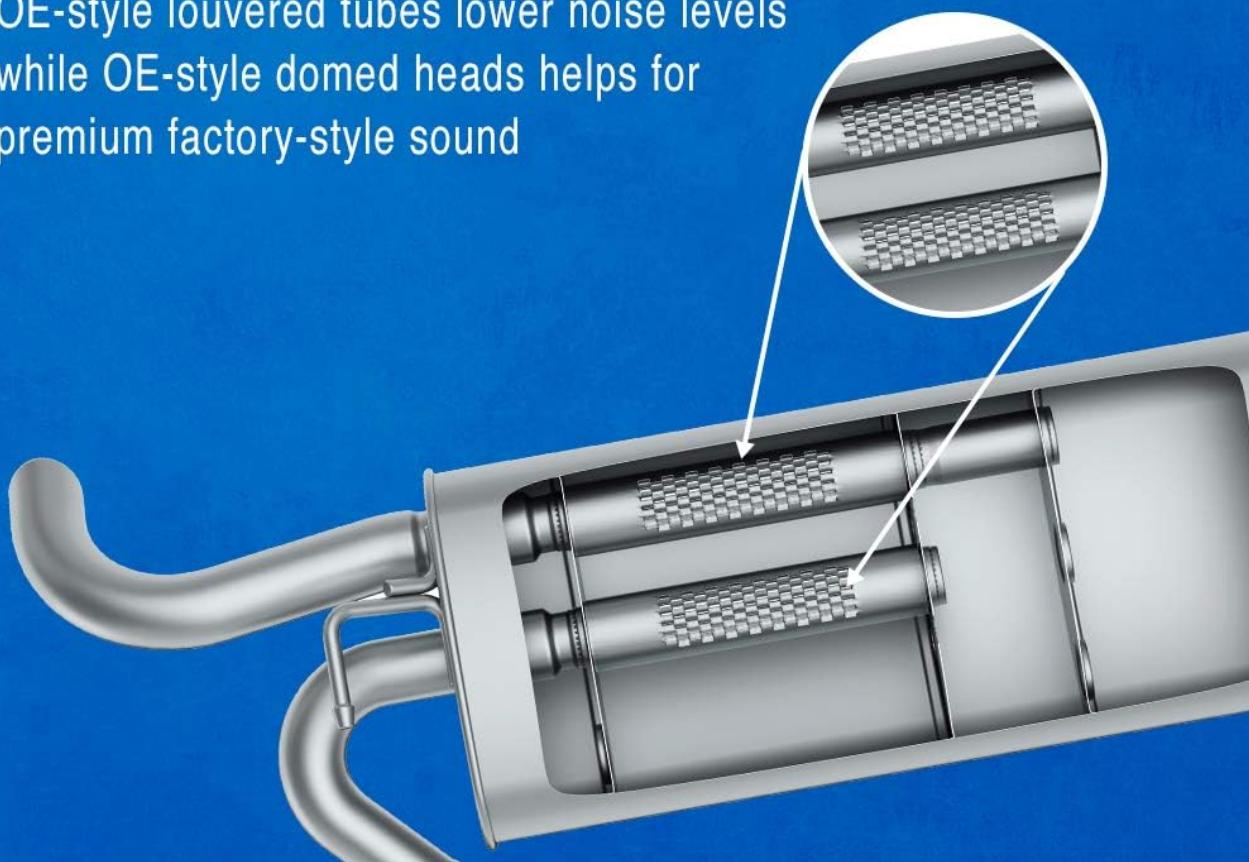


Figure 3: Cutaway view illustrating the louvered tube design for acoustic control.

MAINTENANCE

The Walker Quiet-Flow SS 22460 muffler is constructed from 100% stainless steel, offering superior corrosion resistance and requiring minimal maintenance. Regular inspection of the exhaust system is recommended to ensure longevity and proper function.

Recommended Maintenance Checks:

- **Visual Inspection (Annually or during oil changes):**
 - Check for any signs of physical damage, dents, or cracks on the muffler body and pipes.
 - Inspect all welds and connections for integrity.
 - Examine hangers and mounting points for wear, corrosion, or looseness. Replace worn hangers as needed.
 - Look for rust or corrosion on other exhaust components. While the muffler is stainless steel, other parts of the exhaust system may not be.

- **Listen for Abnormal Noises:** Pay attention to any changes in exhaust sound, such as increased loudness, rattling, or hissing, which could indicate a leak or a loose component.
- **Address Leaks Promptly:** If an exhaust leak is detected, have it repaired immediately. Leaks can affect engine performance, fuel efficiency, and introduce harmful gases into the vehicle cabin.



Figure 4: The stainless steel construction of the Quiet-Flow SS muffler is designed for long-term durability.

TROUBLESHOOTING

This section addresses common issues that may arise with exhaust mufflers.

Problem	Possible Cause	Solution
Increased Exhaust Noise	<ul style="list-style-type: none"> • Loose connections or clamps • Exhaust leak (e.g., cracked pipe, faulty gasket) • Damage to muffler or other exhaust components 	<ul style="list-style-type: none"> • Inspect and tighten all connections. • Locate and repair exhaust leaks. • Inspect muffler and exhaust system for damage; replace damaged components.
Rattling or Vibrating Noise	<ul style="list-style-type: none"> • Loose exhaust hangers • Exhaust system contacting vehicle chassis • Internal muffler baffle failure (less common with this design) 	<ul style="list-style-type: none"> • Inspect and replace worn or loose hangers. • Adjust exhaust system clearance. • Consult a professional for internal muffler issues.
Exhaust Fumes in Cabin	<ul style="list-style-type: none"> • Significant exhaust leak 	<ul style="list-style-type: none"> • Immediately locate and repair all exhaust leaks. This is a safety hazard.

SPECIFICATIONS

Attribute	Detail
Brand	Walker
Model Number	22460
Construction Material	100% Stainless Steel

Attribute	Detail
Inlet Diameter (ID)	2.25 inches
Outlet Diameter (ID)	2.25 inches
Item Dimensions (L x W x H)	31 x 8 x 8 inches
Item Weight	8 pounds
Fit Type	Vehicle Specific Fit
Position	Center
UPC	086387224604

WARRANTY AND SUPPORT

The Walker Quiet-Flow SS 22460 muffler comes with Walker's limited lifetime warranty and an exclusive 90-Day Safe and Sound Guarantee. For detailed warranty terms, conditions, and to register your product, please visit the official Walker Exhaust website.

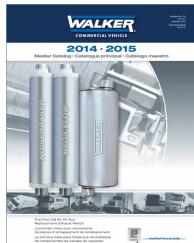
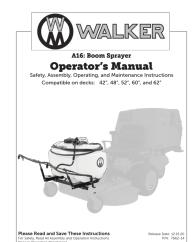
For technical assistance, installation inquiries, or warranty claims, please refer to the contact information provided on the Walker Exhaust official website or contact your authorized dealer.

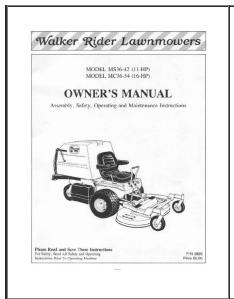
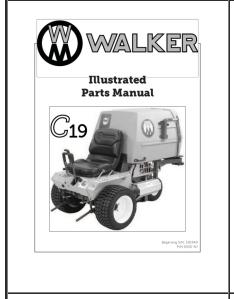
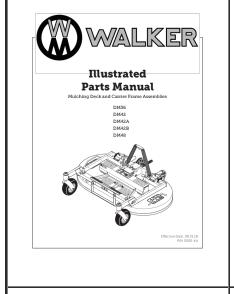
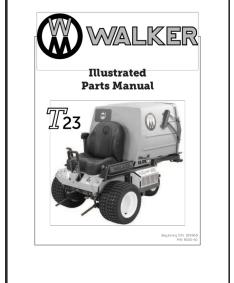
Website: Walkerexhaust.com

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

Related Documents - 22460

	<p>Walker Commercial Vehicle 2014-2015 Master Catalog</p> <p>Comprehensive catalog from Walker featuring exhaust system components for commercial vehicles, including mufflers, flex pipes, and accessories. Covers heavy-duty, medium-duty trucks, buses, and agricultural applications with model identification and technical specifications.</p>
	<p>Walker A16 Boom Sprayer Operator's Manual: Safety, Assembly, Operation, Maintenance</p> <p>Comprehensive operator's manual for the Walker A16 Boom Sprayer, covering safety instructions, assembly procedures, operating guidelines, maintenance tips, troubleshooting, and parts lists. Compatible with various Walker mower decks.</p>

	<p>Walker Rider Lawnmower Owner's Manual MS36-42 MC36-54</p> <p>Owner's manual for Walker Rider Lawnmower models MS36-42 (11-HP) and MC36-54 (16-HP), detailing assembly, safety, operation, and maintenance. Includes specifications and troubleshooting.</p>
	<p>Walker C19 Illustrated Parts Manual</p> <p>Detailed illustrated parts manual for the Walker C19 riding mower, providing comprehensive lists and diagrams for all components, including chassis, engine, drive systems, and accessories. Essential for maintenance and repair.</p>
	<p>Walker Illustrated Parts Manual for DM36, DM42, DM42A, DM42B, DM48 Mulching Decks and Carrier Frames</p> <p>This illustrated parts manual provides detailed information for Walker DM36, DM42, DM42A, DM42B, and DM48 mulching decks and carrier frame assemblies. It includes part numbers, descriptions, diagrams, and assembly instructions to help identify and order replacement components for Walker lawn mowers.</p>
	<p>Walker T23 Illustrated Parts Manual</p> <p>Comprehensive illustrated parts manual for the Walker T23 commercial rider mower. Includes detailed diagrams, part numbers, and assembly information for maintenance and repair of all major components, including the Rehlko/Kohler engine.</p>