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› Borla ATAK SS Catback Exhaust System User Manual

## Borla 140417

# Borla ATAK SS Catback Exhaust System User Manual

Model: 140417

For 2011-2014 Ford F-150 5.0L AT 2/4WD

## 1. INTRODUCTION

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Welcome to the Borla ATAK SS Catback Exhaust System manual. This guide provides essential information for the proper installation, operation, and maintenance of your new exhaust system.

The Borla ATAK (Acoustically Tuned Applied Kinetics) system is engineered to deliver an aggressive, high-performance sound while maximizing exhaust flow for increased horsepower and torque.

## 2. SAFETY INFORMATION

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Please read and understand all safety warnings before beginning installation or operation of the exhaust system.

- Always allow the vehicle's exhaust system to cool completely before beginning installation.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift. Do not work under a vehicle supported only by a jack.
- Refer to your vehicle's service manual for specific torque specifications and procedures.
- Keep all components away from open flames or heat sources.
- Dispose of old exhaust components responsibly.

## 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact Borla customer service.



*This image displays an exploded view of the Borla ATAK SS Catback Exhaust System, showing all individual pipes, mufflers, tips, and hardware required for assembly. The system includes a main tubing section, an ATAK muffler, intermediate pipes, and dual rear exit tailpipes with polished tips.*

- ATAK Muffler Assembly
- Front Pipe(s)
- Intermediate Pipe(s)
- Over-Axle Pipe(s)
- Tailpipe(s) with Tips
- Clamps and Hardware (e.g., hangers, bolts, nuts)
- Instruction Manual (this document)

## 4. INSTALLATION GUIDE

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### 4.1. Tools Required

- Socket Wrench Set
- Torque Wrench
- Pry Bar
- Penetrating Lubricant
- Safety Glasses
- Gloves
- Vehicle Lift or Jack Stands

### 4.2. Pre-Installation Steps

- Park the vehicle on a level surface and engage the parking brake.
- Allow the exhaust system to cool completely.
- Disconnect the negative terminal of the vehicle's battery.
- Apply penetrating lubricant to all factory exhaust hangers and fasteners to aid removal.

### 4.3. Removal of Factory Exhaust System

1. Locate and loosen the clamps or bolts connecting the factory exhaust system to the catalytic converter or downpipe.
2. Carefully remove the exhaust hangers from their rubber isolators using a pry bar if necessary.
3. With assistance, lower and remove the factory exhaust system from the vehicle. Note the routing and orientation of components for reference.

### 4.4. Installation of Borla ATAK System

1. Begin by installing the front pipe(s) to the catalytic converter or downpipe, using new gaskets and hardware if necessary. Do not fully tighten fasteners yet.
2. Attach the ATAK muffler assembly to the front pipe(s), ensuring proper alignment.
3. Connect the intermediate pipe(s) and over-axle pipe(s), guiding them over the rear axle and through the vehicle's chassis.
4. Install the tailpipe(s) and tips, ensuring they are properly aligned within the bumper cutouts.



*This image shows a detailed view of a polished Borla exhaust tip, highlighting its design and finish. The tip is part of the dual rear exit system, contributing to the aggressive aesthetic of the Borla ATAK exhaust.*

5. Re-attach all exhaust hangers to their rubber isolators.
6. Once all components are loosely fitted, adjust the system for optimal clearance and alignment. Ensure no part of the exhaust system is touching the vehicle's frame, suspension, or body.
7. Starting from the front of the vehicle, progressively tighten all clamps and fasteners to the manufacturer's recommended torque specifications.
8. Reconnect the negative battery terminal.

### 4.5. Post-Installation Check

- Start the vehicle and check for any exhaust leaks.
- Listen for any abnormal noises or rattles.
- Allow the engine to reach operating temperature, then shut off and re-check all fasteners after the system has cooled.

## 5. OPERATING CHARACTERISTICS

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The Borla ATAK system is specifically designed for an aggressive and loud exhaust note. This is a characteristic feature of the ATAK series.

- Expect a noticeable increase in exhaust volume compared to the factory system, particularly under acceleration and at higher RPMs.
- The sound profile may change slightly over the first few hundred miles as the system breaks in and carbon deposits form.
- The system is engineered to minimize drone at cruising speeds, but individual perception may vary.

## 6. MAINTENANCE

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Regular inspection and maintenance will ensure the longevity and performance of your Borla exhaust system.

- Periodically inspect all clamps and fasteners for tightness, especially after the first few hundred miles of driving.
- Check exhaust hangers and rubber isolators for wear, cracking, or damage. Replace as needed.
- Clean the exhaust tips regularly with a non-abrasive cleaner and soft cloth to maintain their polished finish. Avoid harsh chemicals.
- Inspect the entire system for any signs of corrosion, cracks, or damage, particularly in areas exposed to road salt or harsh environmental conditions.

## 7. TROUBLESHOOTING

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Symptom	Possible Cause	Solution
Exhaust Rattle/Vibration	Loose clamps/hangers, contact with chassis or suspension components	Re-tighten clamps, adjust system for proper clearance from all vehicle components.
Exhaust Leak	Loose connection, damaged gasket (if applicable)	Tighten connections, inspect and replace gaskets if necessary.
Excessive Noise (beyond ATAK characteristic)	Exhaust leak, damaged muffler/resonator	Verify no leaks; if noise is abnormal for ATAK, inspect system for damage.
Check Engine Light (CEL)	Unlikely with cat-back system unless an O2 sensor is damaged or an exhaust leak affects sensor readings.	Check for leaks near O2 sensors; if light persists, consult a qualified mechanic for diagnosis.

## 8. SPECIFICATIONS

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- **Model:** 140417
- **Application:** 2011-2014 Ford F-150 5.0L AT 2/4WD
- **Exhaust System Type:** Cat-Back
- **Material:** T-304 Stainless Steel
- **Main Tubing Diameter:** 3" to 2.25"
- **Exhaust Sound:** Aggressive / Loud (ATAK)
- **Tip Style:** Split Rear Exit (design may vary)

- **Package Dimensions:** 67.0L x 21.0W x 13.0H inches
- **Package Weight:** 61.0 Pounds

## 9. WARRANTY & SUPPORT

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Borla stands behind the quality of its products.

Borla offers an unequaled **Million-Mile Warranty** on its aircraft-grade, austenitic stainless steel exhaust systems, demonstrating confidence in their durability and craftsmanship.

For warranty claims, technical support, or any product-related inquiries, please contact Borla customer service directly or visit their official website.

**Borla Contact Information:**

*Refer to the Borla official website ([www.borla.com](http://www.borla.com)) or your product packaging for the most current contact details and warranty registration information.*