

HKS 32003-BT001

HKS Hi-Power Exhaust System

Model: 32003-BT001

INTRODUCTION

The HKS 32003-BT001 Hi-Power Exhaust is a high-performance rear muffler designed to enhance your vehicle's exhaust flow and sound. This system offers a less restrictive design, leading to greater flow and higher-RPM power gains. It features coated stainless steel piping for durability and a distinctive HP tip.



Image: The HKS 32003-BT001 Hi-Power Exhaust system, showcasing its stainless steel muffler and piping.

SETUP AND INSTALLATION

Professional installation is recommended for this exhaust system. Ensure the vehicle is safely lifted and supported before beginning any work. Always refer to a vehicle-specific service manual for detailed instructions.

- 1. Preparation:** Park the vehicle on a level surface and engage the parking brake. Allow the exhaust system to cool completely.
- 2. Removal of Old Exhaust:** Locate and loosen all bolts and hangers securing the factory exhaust system. Use penetrating oil if necessary. Carefully remove the old exhaust, paying attention to any sensors or gaskets.
- 3. Installation of HKS Exhaust:**
 - Attach the new HKS exhaust system to the existing exhaust pipe using the provided hardware and new gaskets.

- Secure the exhaust system using the vehicle's existing hangers. Ensure proper alignment and clearance from other vehicle components.
- Tighten all bolts evenly to the manufacturer's specified torque settings.

4. **Final Check:** Start the engine and check for any exhaust leaks. Listen for unusual noises and ensure the system is securely mounted.

OPERATING CONSIDERATIONS

Once installed, the HKS Hi-Power Exhaust will provide a distinct sound and improved performance. Expect a moderate tone at idle, becoming louder at higher RPMs. The design aims to minimize drone during constant speed cruising.

- Sound Profile:** The exhaust is designed for a deep, sporty sound without excessive rasp or drone, particularly at highway speeds.
- Performance:** Users may experience improved throttle response and slight horsepower gains due to reduced back pressure.
- Break-in Period:** A short break-in period may be required for the exhaust to settle and for the sound to fully develop.

MAINTENANCE

Regular inspection and basic maintenance will ensure the longevity and optimal performance of your HKS exhaust system.

- Periodic Inspection:** Regularly check all mounting points, hangers, and connections for tightness and signs of wear or corrosion.
- Cleaning:** Clean the exhaust tip and muffler body periodically with appropriate automotive cleaning products to maintain its appearance. Avoid abrasive cleaners that could damage the finish.
- Corrosion Prevention:** While made of coated stainless steel, exposure to road salt and harsh chemicals can still cause corrosion over time. Rinse the underside of your vehicle, especially the exhaust, after driving in such conditions.

TROUBLESHOOTING

If you encounter any issues with your HKS exhaust system, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Excessive Noise/Rattling	Loose hangers, contact with chassis, loose connections.	Inspect and tighten all mounting hardware. Adjust exhaust alignment to prevent contact.
Exhaust Leak	Improperly sealed connections, damaged gasket, crack in piping.	Check all connections for tightness. Replace worn or damaged gaskets. Inspect piping for damage.
Unusual Vibrations	Misaligned exhaust, worn hangers, contact with vehicle components.	Ensure exhaust is properly aligned and not touching other parts. Replace worn rubber hangers.

SPECIFICATIONS

- **Brand:** HKS
- **Model:** 32003-BT001
- **Product Type:** Rear Muffler / Hi-Power Exhaust
- **Material:** Coated Stainless Steel Piping
- **Design:** Less restrictive for greater flow and higher-RPM power gains
- **Tip:** HP tip
- **Item Weight:** Approximately 23 pounds
- **Vehicle Service Type:** Car (Vehicle Specific Fit, e.g., 05-08 Scion tC)
- **Shape:** Round

WARRANTY AND SUPPORT

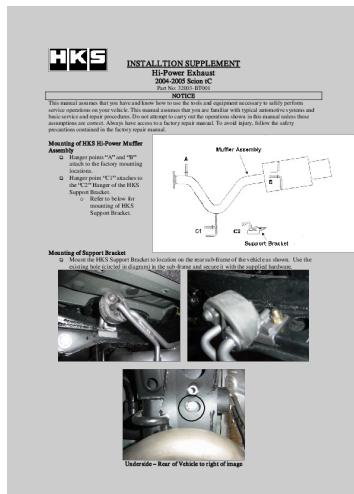
Specific warranty information for the HKS 32003-BT001 Hi-Power Exhaust is not provided within this manual. Please refer to the official HKS website or contact your authorized HKS dealer for detailed warranty terms and conditions, as well as product support.

For further assistance or technical inquiries, it is recommended to contact HKS customer service directly or consult with a certified automotive technician.

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This manual is for informational purposes only. HKS is not responsible for any damage or injury resulting from improper installation or use of this product.

Documents - HKS – 32003-BT001



[pdf] User Manual Diagram

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INSTALLTION SUPPLEMENT Hi-Power Exhaust 2004-2005 Scion tC Part No: **32003-BT001** NO T IC E This manual assumes that you have and know how to use the tools and equipment necessary to safely perform service operations on your vehicle. This manual assumes that you are familiar with typical automotive systems and how to service and repair procedures. Do not attempt to carry out any procedures that you are not sure about. Please refer to the factory repair manual. To avoid injury, follow the safety precautions contained in the factory repair manual.

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