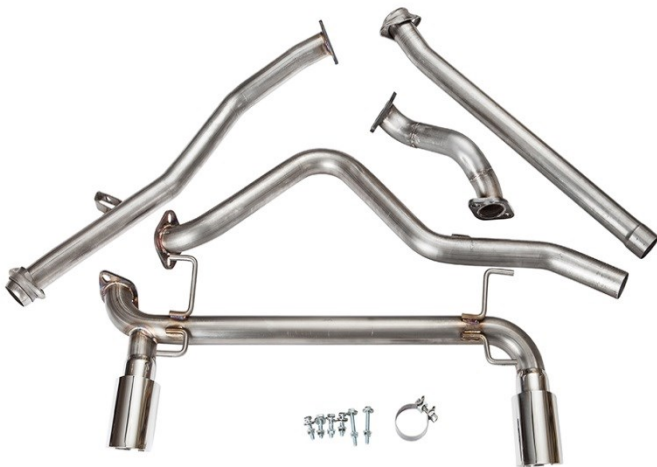


2013-16 Scion FR-S & Subaru BRZ Cat-Back Exhaust

Part No. 98Z150 & 98Z155



Materials Included

Part #1 – Over Pipe

Part #2 – Front Pipe

Part #3 – Intermediate Pipe

Part #4 – Under Axle Pipe

Part #5: - Axle-Back Assembly

Clamps & Hardware

Required Tools

Lubrication Solvent

Ratchet

15mm Socket

Torque Specifications

Band clamps – 30 ft/lb -35 ft/lb

- Do not use impact on band clamps, overtightening can result in damaged clamp.

Warranty Information

IMPORTANT – The warranty on this product is VOID if the product is not properly installed, or has been modified or altered in any way. If you believe that modification or alternate installation method will be required to fit an MRT Exhaust System on your vehicle, **please contact** MRT for assistance **BEFORE** making any modifications to the system.

Begin with removing the factory exhaust system:

STEP #1: Start at the rear of the vehicle with the axle-back portion, remove the hardware at the flanges connection point.

Step #2: Remove the hanger rods from the rubber isolators and set muffler assembly aside.

Step #3: Remove the hardware connecting the flanges behind the resonator canister.

Step #3: Remove the five bolts attaching the crossmember, set aside to re-installation later.

Step #4: With an extra set of hands to support the entire factory cat-back exhaust system begin removing the hangers from the rubber isolators. Start with the rear of the system, there will be one near each exhaust tip, two on the front portion of the muffler, and one on each pipe near the differential.

Installation steps for the MRT Cat-Back Exhaust System:

Step #1: Begin with the driver side lead pipe, place the factory gasket between the MRT flange and factory flange. Install it onto the factory catalyst pipe studs. Using the factory nuts removed in step #1, snug the nuts down to keep lead pipe in position but do not tighten.

Step #2: Place one of the supplied 2 ½" band clamps over the passenger side factory catalyst pipe. Install the passenger side lead pipe over the catalyst pipe and snug down the clamp to keep lead pipe in position.

Step #3: Place one of the supplied 2 ½" band clamps on each lead pipe outlet. With an extra set of hands to assist install the DMS portion of the system onto the outlets of the lead pipes. Re-install the crossmember removed in step #3 and let the DMS rest on the crossmember while installing the next components.

Step #4: Position the band clamps so there is a 1/8" overlap onto the connecting pipe, this will ensure a proper seal. Snug the clamps down but do not tighten yet.

Step #5: Place one of the supplied 2 ¼" band clamps on each outlet pipe of the DMS. Install the driver side under axle pipe into the DMS and insert the hanger rod into the rubber isolator. Position the clamp in the same orientation as the previous step and snug down but do not tighten yet. Repeat this same step for the passenger side under axle pipe.

Step #6: Place one of the supplied 2 ½" band clamps on each outlet of the under axle pipes. Install the driver side axle-back assembly onto the under axle pipe then insert the hanger rod into the rubber isolator. Position the clamp in the same orientation as before and snug down but do not tighten. Repeat this same step for the passenger side axle-back assembly.

Step #7: Begin with the front of the MRT exhaust system, tighten the nuts connecting the driver side lead pipe to the catalyst pipe. Move to the passenger side lead pipe and tighten the band clamp to 35lb/ft-40lb/ft. Ensure the exhaust tip is in desired position as each clamp is tightened.

Step #8: Work towards the rear of the vehicle tightening each band clamp and checking tip alignment as you go. Make sure you have adequate clearance around the exhaust tip and rear valance panel. Insufficient clearance can result in damaged rear valance panel.

Step #9: Check all connection points and start vehicle to check for leaks in a well ventilated area. If leaks are found review each step of the installation procedures and check for any missed steps in the process.

Step #10: If no leaks are found take vehicle for a drive and enjoy your new MRT exhaust system.

During vehicle operation heat cycles tubing will expand and contract, because of this we suggest checking all clamps re-tighten if necessary after 30 miles of driving vehicle.

MRT appreciates your business; please feel free to contact us at any point with questions or concerns at 734-455-5807 or via email at Sales@MRT-Direct.com