

**2016 - 2018 Ford Focus RS
MRT Cat-Back Exhaust System**

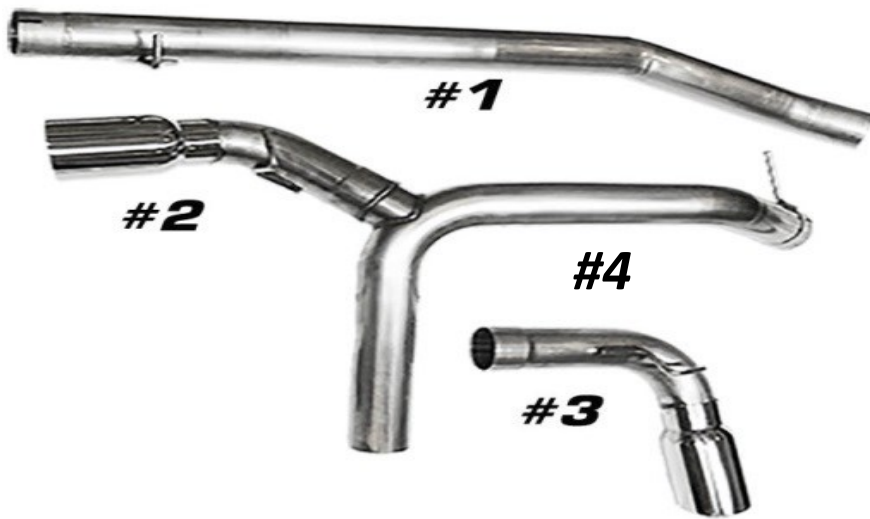
Part No. 91J000

Exhaust 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 will be required to fit an MRT Exhaust System on your vehicle, please contact MRT for assistance BEFORE making any modifications to the system.



Verify that all of the following components are included in kit before beginning installation:



Part #1 - Intermediate Tube
Part #2 - Over Axle Section & Driver Side Tip

Part #3 - Passenger Side Tip
Part #4 - Under Axle Tube

SUPPLIED HARDWARE

(3) - 3" Band Clamps

(1) - 2 3/4" Band Clamp

REQUIRED TOOLS

Sawz All Or Cutting Tool
14mm Deep Socket

Ratchet
15mm Deep Socket

Begin with removing factory exhaust system:

Note: To install this exhaust system the stock exhaust system must be cut in two places to remove from the vehicle.

Step #1: Disconnect the electrical connector at the active exhaust valve motor.

Step #2: The factory exhaust tubing cannot be passed through the rear axle assembly as one piece. To begin, make a cut on the factory tubing in front of the rear axle assembly. Cutting in this location will allow for adequate clearance to cut the tubing without damaging other surrounding components. The point at which the cut is made does not need to be at a specific location on the inlet tubing. Pick a point at which a cutting tool can easily be operated.

Step #3: With the exhaust tubing cut, remove the hanger rods from the rubber isolators and carefully remove the factory muffler from the vehicle and set aside.

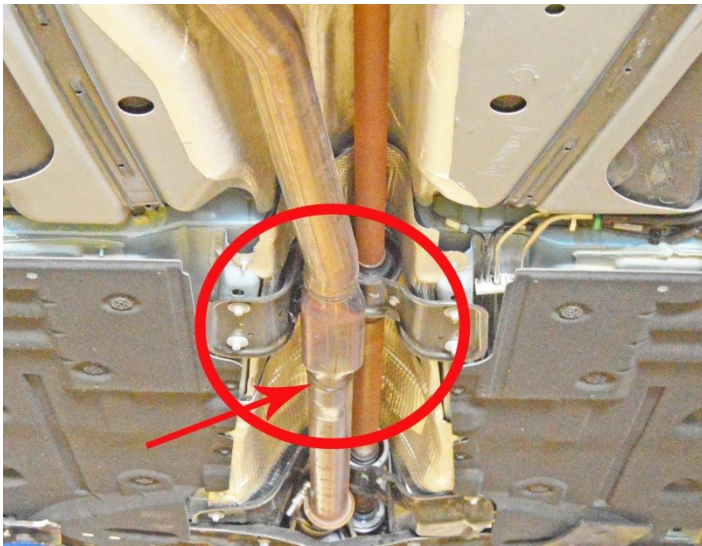


Figure 1



Figure 2

Step #4: Near the middle of the vehicle there is a section of the factory exhaust tubing where it looks to have been crushed, this is the area the second cut will need to be made. (Figure 1) The second cut needs to be made at the weld joint of the factory tubing and crushed portion. (Figure 2) Once the cut has been made remove the hanger from the isolator near the cut mark and rear axle then carefully remove from the vehicle and set aside.

Installation steps for the MRT Cat-Back Exhaust System:

Step #1: Begin installation with the intermediate tube. Place one of the supplied 2 3/4" band clamps onto the inlet side of the intermediate tube (the side closest to the hanger rod), slide the intermediate tube onto the factory tubing where the cut was made. Insert the hanger rod into the rubber isolator, position the band clamp at the connection point so it overlaps approximately 1/8" past end of tubing to ensure proper seal when tightened. Snug the band clamp down but do not tighten yet.

Step #2: From the rear of the vehicle route the over axle section over the axle where it will connect with the outlet of the intermediate tube. Before connecting the two pieces place one of the supplied 3" band clamps onto the inlet tube

of the over axle section. Insert the hanger rod in the rubber isolator located in front of the rear axle and near the exhaust tip. Once hangers are positioned into the rubber isolators connect the inlet of the over axle section with the outlet of the intermediate tube. Position the band clamp at the connection point so it overlaps approximately 1/8" past end of tubing to ensure proper seal when tightened. Snug the band clamp down to retain position but do not tighten yet.

Step #3: Place the supplied 3" band clamp onto the passenger side tip and Insert the passenger side tip assembly hanger rod into the rubber isolator then connect to the outlet of the over axle assembly. Position the band clamp at the connection point so it overlaps approximately 1/8" past end of tubing to ensure proper seal when tightened. Snug clamp down but do not tighten yet.

Step #4: Begin tightening the band clamp to 35lb/ft-40lb/ft clamps, starting with the front and working towards the rear of the vehicle checking exhaust tip position as each clamp is tightened. Make sure you have adequate clearance around the tubing and the exhaust tip. Insufficient clearance could result in damaged components surrounding the tubing or rear valance panel.

Note: Exhaust tip position can be adjusted by manipulating each assembly connection point in/out and rotating the tubing throughout the system.



Step #5: : 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.

Final Check: Initial operation after installation will heat-cycle the tubing causing expansion and contraction. Because of this we suggest checking all clamps and re-tightening if necessary after 30 miles of driving.

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