



Installation Instructions for

**817637**

**CAT-BACK EXHAUST**

**FITS: 2013-2018 FORD FOCUS ST**

**2.0L TURBOCHARGED ENGINE**

**\*HATCHBACK ONLY\***

**OVERVIEW:**

1. Please take a moment to read and understand these instructions before installing your Flowmaster performance system.

NOTE: Please inventory all parts before starting the installation process and call our tech line to report any missing parts. This will help avoid potentially stranding your vehicle until any missing replacement parts arrive.

PART NO.	DESCRIPTION	QTY.
15174S	Resonator Assembly	1
16738S	Intermediate Pipe	1
86010S	Over-Axle Pipe	1
86011S	Exit Pipe	1
ST459	Stainless Tip	2

PART NO.	DESCRIPTION	QTY.
PK710	Hardware Pack includes	1
MC225BS	2¼" Band Clamp	3
HW224	7/16" x 1½" Hex Bolt	2
HW104	7/16" Hex Nut	2
HW304	7/16" Flat Washer	2
HW310	7/16" Lock Washer	2
HW502	7/16" Hanger Keepers	4

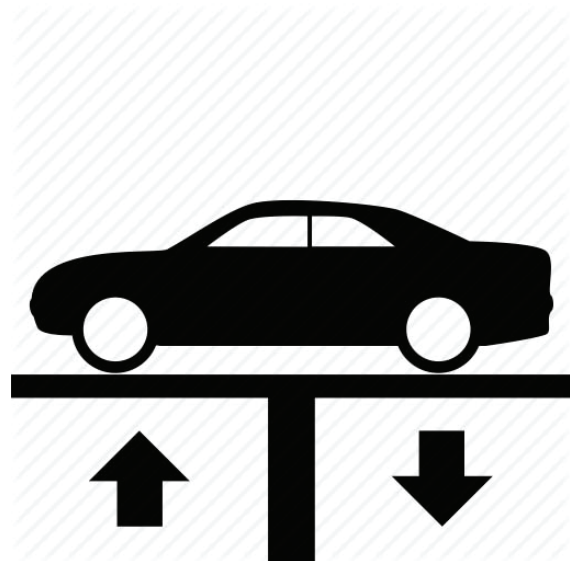
**REMOVE STOCK EXHAUST SYSTEM:**

2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

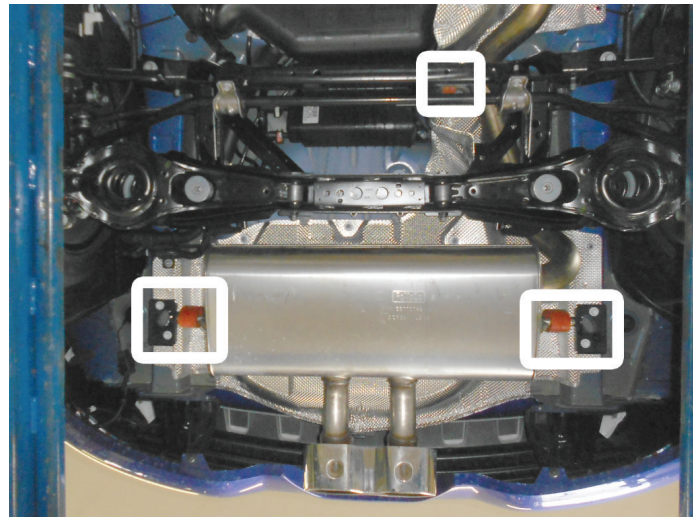
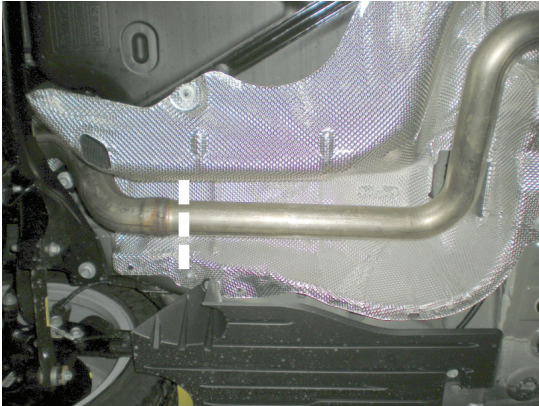
**WARNING:**  
Avoid serious burns! Allow your vehicle time to cool completely before touching any factory engine components.

**To ease disassembly of factory components:**

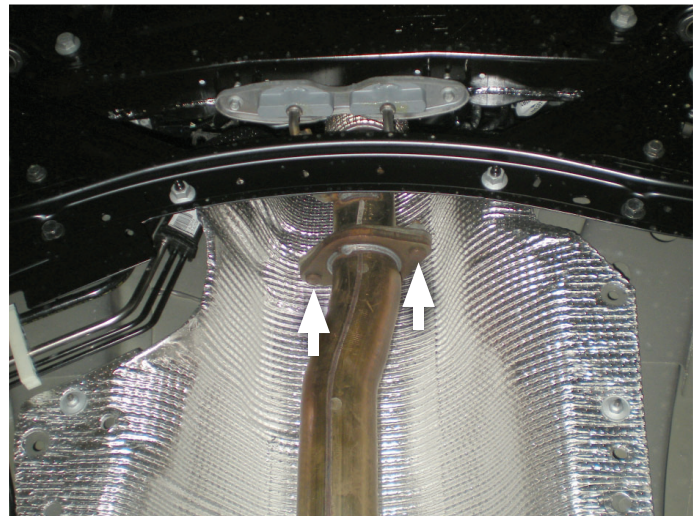
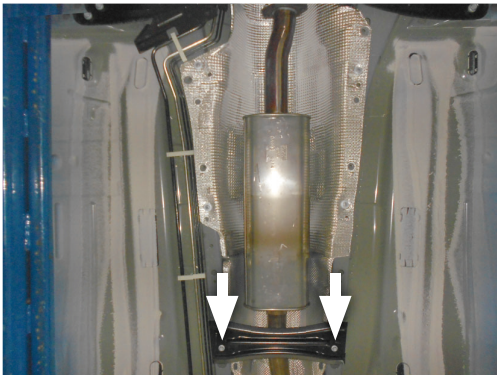
- Apply penetrating lubricant to mounts, bolts and clamps before you remove them.
- Use stands as necessary to support parts as you detach them from your vehicle.



3. Cut exhaust pipe just before it goes over rear axle. Then remove hangers (x3) and rear exhaust section from vehicle.



4. Remove bolts (x2) and steel body brace. Remove nuts (x2) from flange, disassemble wire hanger from isolator and lower muffler assembly from vehicle. Retain bolts, steel body brace and flange gasket for later use.



### INSTALL FLOWMASTER EXHAUST SYSTEM

5. Remove nuts from stock and Flowmaster clamps, apply anti-seize compound to bolts and re-install nuts.

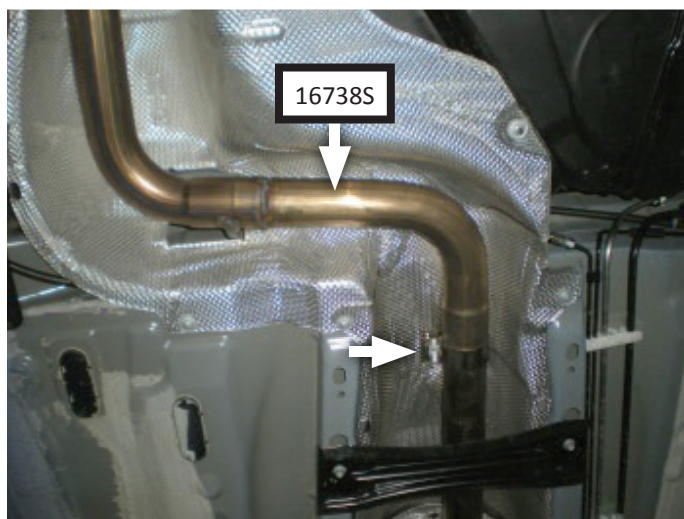
**NOTE:** The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.



6. Replace flange gasket and fasten **resonator assembly (151745)** to flex pipe flange using (x2 ea.) **bolts (HW224)**, **flat washers (HW304)**, **lock washers (HW310)** and **nuts (HW104)**. Finally re-install body brace.

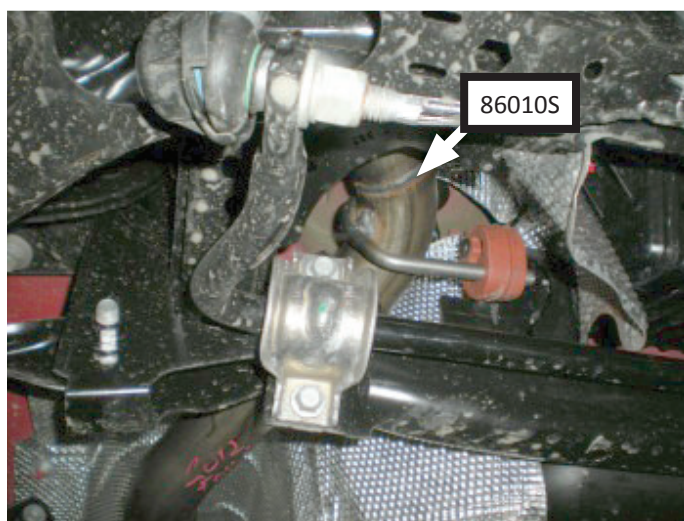


7. Place **clamp (MC225BS)** on **intermediate pipe (16738S)** and connect it to resonator assembly. Insert wire hanger into isolator and tighten clamp just enough to allow for adjustment.

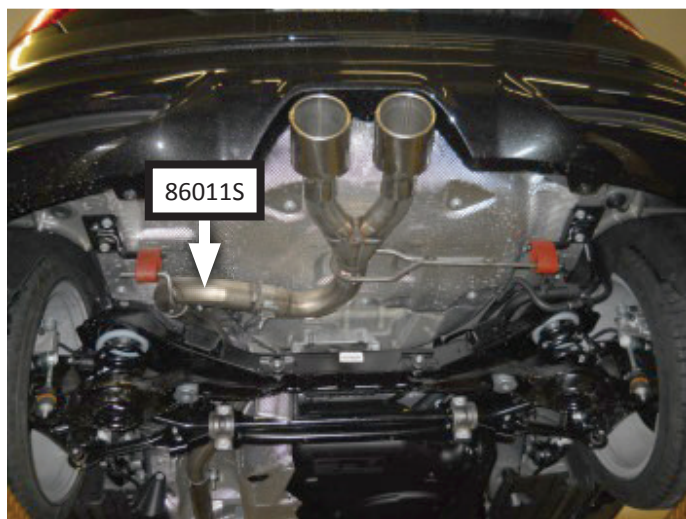


8. Place **clamp (MC225BS)** onto **over-axle pipe (86010S)** then connect it to intermediate pipe. Connect wire hanger to isolator and tighten clamp enough to allow for later adjustment.

**NOTE:** If your vehicle isn't equipped with an isolator for this mount, skip this step; this system will still install properly.



- Place **clamp (MC225BS)** onto **exit pipe (86011S)** and connect it to over-axle. Insert hangers (x2) into isolators and tighten clamp enough to allow for adjustment.



- Connect **tips (x2) (ST459)** to exit pipe outlets and fasten them.
- This is a tight fitting system, so take your time and make incremental adjustments. Maintain  $\frac{1}{2}$ " minimal clearance around exhaust system components, keeping in mind suspension, travel and vibration. Once finished tighten clamps fully.
- Slide **hanger keepers (x4) (HW502)** onto each sideways hanger to prevent components from slipping.
- We recommend applying a one inch tack weld to all slip-fit connections for a more secure installation. You may also apply high temperature paint over welded areas to prevent rust and premature corrosion.



Congratulations, the installation of your FLOWMASTER performance exhaust system is now complete!





Installation Diagram for

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