



Installation Instructions

817784

**2014-19 FORD FIESTA ST
1.6L TURBO ENGINE**

Rev. 4/8/2020

1) Raise the vehicle up on a hoist or rack to working height. Spray a penetrating lubricant onto the two front flange bolts as well as the rubber hanger mounts that support the system. This will greatly ease removal of the factory system.



2) To remove the factory exhaust system you will have to cut the system in half. Cutting just before the pipe goes over the rear axle will allow both halves of the system to be removed easily. After cutting, support the rear muffler with a stand and remove the 2 rubber isolators from the mounts on the vehicle, the stock rubber isolators will not be reused. You can now lower this section from the vehicle.



3) In front of the large center muffler, remove the two nuts at the flanged connection just behind the flex joint. Then remove the four nuts from the steel body brace behind the center muffler. Once unbolted, remove the rubber isolators on this section from the mounts on the vehicle and lower from the vehicle and set aside. The stock rubber isolators will not be reused. Save the gasket from between the two flanges for use with the Flowmaster system.



4) Place the provided **HA1640** polyurethane hangers onto each of the four factory hanger mounts on the vehicle.



5) Using the nuts removed in step 3 above, bolt muffler assembly **815425-476** to the back of the flex pipe flange. Be sure to replace the gasket. Connect the hangers on the assembly to the rubber mounts on the vehicle and tighten the flanged connection securely. Re-install the steel body brace removed in the previous step and tighten securely.



6) Place a supplied clamp onto the back of muffler assembly **815425-476**. Then place intermediate pipe **#86447S** into position from the front of the rear axle, and slip it onto the back of the muffler. Support the rear of the pipe with a stand if necessary and tighten the clamp enough to hold, but still allow for adjustment.



7) Place a supplied clamp onto the inlet of resonator assembly **#15190**. Slide the resonator onto the back of the intermediate pipe and connect the hangers on the assembly to the rubber mounts on the vehicle. Tighten the clamp enough to hold, but still allow for adjustment.



8) Place the **ST455** stainless tip onto the back of the resonator assembly and adjust to the desired position. Tighten the pinch bolt on the tip enough to hold but still allow for adjustment.



9) Adjust the position of all components to provide a satisfactory fit. This is a tight fitting system, so take your time and be patient, tightening and adjusting a little bit at a time. Be sure to maintain an adequate clearance around all parts of the system to avoid rattles or damage to heat sensitive components. Once you're happy with the fit, tighten all connections down securely. For a cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections.

PACKING LIST		
Qty.	Description	Part #
1	Muffler Assembly	815425-476
1	Intermediate Pipe	86447S
1	Resonator Assembly	15190S
1	Stainless Tip	ST455
	PARTS KIT (includes the following)	PK905
2	• 2.50" Band Clamp	MC250BS
4	• Polyurethane Hanger	HA1640
4	• 7/16" Hanger Keeper	HW502

