



dBX^{series}

409S. Stainless Steel

Installation Instructions
SYSTEM #819115
2011-2016 FORD FIESTA
1.6L · HATCHBACK AND SEDAN

09/15/15

Removal:

- 1) Raise the vehicle up on a hoist or rack to working height. If you do not have access to a hoist or rack raise the vehicle and support securely with jack stands.
- 2) Apply a penetrating lubricant to each of the hanger rod/rubber mounts that support the system, and the nuts at the flanged catalytic converter connection (doing this will greatly ease removal).
- 3) Cut the original muffler off on the forward end where the inlet pipe enters it. Separate the hanger rod from the rubber mount that supports the muffler and remove muffler assembly.
- 4) Unbolt the body brace located in the middle of section of the car that runs underneath the factory exhaust system. Save the brace and hardware for reinstallation after the new system is in place.
- 5) Temporarily support the remainder of the system with a stand, and then remove the two nuts at the flanged connection directly behind the catalytic converter. Save the gasket and nuts for reinstallation with the new system.

Installation:

- 1) Place the new cat pipe assembly **#15148S** up into position behind the catalytic converter, and secure the flanged connection using the original gasket and nuts. Connect the two hanger rods to their rubber mounts to support the assembly.
- 2) Reinstall the body brace in the original location.
- 3) Place a clamp over the expanded section of the mid pipe **#16654S**, and then slip the mid pipe onto the rear of the cat pipe assembly. Connect the hanger rod to the rubber mounts to support the section. Tighten the clamp just enough to hold in place.
- 4) Place a clamp onto the inlet end of the new muffler **#12414310-Z**, and then slip the muffler onto the rear of the mid pipe. Place the clamp/hanger **#394HA** onto the muffler outlet and connect the hanger rod to its rubber mount to support the muffler. Tighten the clamps just enough to hold in place.

- 5) Place the tailpipe bend **#16659S** (Hatchback) or **#16655S** (Sedan) into the muffler outlet and clamp lightly. Install stainless tip **#ST402**, and tighten pinch bolt just enough to hold in position.
- 6) Adjust the position of the muffler, pipes and tip to provide a satisfactory fit. 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.
- 7) Install one of the push on retainers onto each of the hanger rods to prevent them from slipping out. For a cleaner appearance and more secure installation, we recommend welding all slip-fit connections.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Muffler Assembly	12414310-Z
1	Resonator Assembly	15148S
1	Mid-Pipe Assembly	16654S
1	Short Tailpipe (Hatchback)	16659S
1	Long Tailpipe (Sedan)	16655S
1	Stainless Tip	ST402
1	Parts Kit	PK527
2	2 1/4" Stainless Band Clamp	MC225BS
1	Hanger Clamp Assembly	394HA
4	7/16" Hanger Keepers	HW502



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