



dBx^{series}
409S Stainless Steel

Installation Instructions
SYSTEM #817599
1999-2001 Volkswagen Jetta Sedan
1.8L & 2.0L Engines

08/02/12

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. Spray a penetrating lubricant onto the nuts of the slip-fit connection behind the catalytic converter and also the rubber hangers that support the stock exhaust system.



2) In order to remove the stock exhaust system from the vehicle you will need to cut the system in half. Support the rear muffler with a stand and then using a hacksaw or sawzall, cut the pipe just where it enters the rear muffler. After cutting, separate the two hangers on the muffler from the rubber mounts on the vehicle and set the muffler aside.



3) At the center of the vehicle, remove the two nuts at the slip-fit connection behind the catalytic converter. Once the connection is loose, separate the two hangers on this section from the rubber mounts on the vehicle and lower the front pipe/resonator from the vehicle.



4) Place a provided 2.25" clamp onto the slip-fit of inlet pipe **#16810S** then place onto the back of the catalytic converter and rotate to its approximate position. Connect the hangers on the pipe to the rubber mounts on the vehicle and tighten the clamp enough to hold but still allow for adjustment.



5) Place a provided 2.25" clamp onto the slip-fit of mid pipe assy. **#16812S** and place it over the rear axle and onto the back of the inlet pipe **#16810S**. Connect the hanger on the pipe to the rubber mount on the vehicle and tighten the clamp enough to hold, but still allow for adjustment.



6) Place a provided 2.25" clamp onto the inlet of muffler **#12414310-Z** and slide onto the back of over-axle pipe **#16812S**. Support the muffler with a stand and tighten the clamp on the muffler inlet enough to hold, but still allow for adjustment.



7) Place a provided 2.25" clamp onto the outlet of muffler **#12414310-Z**. Connect the hanger on exit pipe **#16813S** to the rubber mount on the vehicle and then slide into the muffler outlet. Tighten the clamp on the muffler inlet enough to hold, but still allow for adjustment.



8) Place the **#ST448** stainless tip onto the back of the exit pipe and adjust to the desired position. Tighten the clamp enough to hold, but still allow for adjustment.

9) Adjust the position of all pipes and mufflers to provide a satisfactory fit. 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 more secure installation, we highly recommend welding all slip-fit connections. Place the provided hanger keepers onto the ends of the round stock hangers, these will prevent the hangers from slipping out of the rubber mounts.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Inlet Pipe Assy.	16810S
1	Mid Pipe Assy.	16812S
1	Muffler	12414310-Z
1	Exit Pipe Assy.	16813S
1	Stainless Tip	ST448
1	Parts Kit	PK647
4	2¼" Band Clamp	MC225BS
4	Hanger Keeper	HW503



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