



Installation Instructions

SYSTEM #817545

1998-11 FORD RANGER
EXTENDED CAB/SHORT BED · V6 ENGINE

dBXseries™

4095[®] Stainless Steel

10/25/11



1) Raise the vehicle up to working height and support securely. Begin by spraying a penetrating lubricant onto the front flange bolts as well as the rubber hangers that support the factory exhaust system. Then, using a hacksaw or sawzall, cut the tailpipe just behind the muffler. Remove the hanger at the rear of the tailpipe from the rubber mount on the vehicle and lower the tailpipe from the vehicle.



2) Using a 15mm socket, loosen the bolts at the front flange connection behind the catalytic converter; keep the hardware to reuse with the Flowmaster system.



3) Support the muffler with a stand and remove the two hangers on the muffler from the rubber mounts on the vehicle. Lower the muffler assembly from the vehicle.



4) Connect the two hangers at the rear of inlet pipe **#16707S** to the rubber mounts on the vehicle and support the front of the pipe with a stand.



5) Using the factory bolts, springs and flag nuts, connect the flange on inlet pipe **#16707S** to the flange behind the catalytic converter. Tighten securely.



6) Place a 2½” band clamp onto the inlet of the muffler and place onto the rear of inlet pipe **#16707S**, support the muffler with a stand. Tighten the clamp enough to hold but still allow for adjustment.



7) Place a provided 2½” clamp onto the muffler outlet. From the rear of the axle, place the tailpipe **#16708S** over the axle and into the muffler outlet. Connect the wire hanger at the rear of the pipe to the rubber mount on the frame. Tighten the clamp enough to hold but still allow for adjustment.



8) Place the **ST396** stainless tip onto the end of the tailpipe and adjust to the desired location. Tighten the nut on the clamp to secure the tip in place.

9) Adjust the position of all pipes and muffler 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 cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections. Place the included hanger keepers onto the ends of the wire hangers and slide up to the rubber mounts; these eliminate the chance of the hangers slipping out of the rubber mounts.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>	
1	Inlet Pipe Assembly	16707S	
1	Muffler	12514310-Z	
1	Tailpipe Assembly	16708S	
1	Stainless Tip	ST396	
1	Parts Kit	PK598	
	2	2½” Band Clamp	MC250BS
	3	7/16” Hanger Keepers	HW502



Installation diagram for:
SYSTEM #817545
1998-2011 FORD RANGER
EXTENDED CAB/SHORT BED · V6 ENGINES

dBX^{series}
409S. Stainless Steel

