



Installation Instructions

SYSTEM #817607

2008-2012 Jeep Liberty
3.7L Engines

FORCE II™

409S Stainless Steel

10/04/12

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 nut at the clamped connection behind the catalytic converter and also the rubber hangers that support the stock exhaust system.



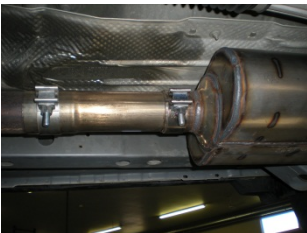
2) Support the muffler with a stand. Using a hacksaw or sawsall, cut the stock tailpipe off where it exits the muffler. Remove the hanger on the front of the tailpipe from the rubber mount on the vehicle and then slide the tailpipe forward to release the rear hanger from its rubber mount.



3) With the muffler still supported, remove the clamp in front of the factory muffler. Slide the muffler off of the slip connection and lower from the vehicle.



4) Install the muffler inlet pipe **#TB582S** on the back of the factory front pipe. Make sure to align the notch in the pipe with the tab on the pipe. Clamp lightly using a provided 2½" clamp.



5) Place one of the provided 2½" clamps onto the muffler inlet and then slide the muffler onto the inlet pipe and support with a stand. Tighten the clamp enough to hold but still allow for adjustment. The outlet of the muffler will be toward the outside of the vehicle.



6) Place a provided 2½” clamp onto the muffler outlet and then place tailpipe **#16811S** into position over the axle. Insert the hanger at the rear of the tailpipe into its rubber mount on the vehicle and then slide the front of the pipe into the muffler outlet. Connect the front hanger to the rubber mount on the vehicle and tighten the clamp enough to hold, but still allow adjustment.



7) Place the **#ST461** stainless tip onto the end of the tailpipe and adjust to the desired position. Tighten the clamp enough to hold, but still allow for adjustment.

8) 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 cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>	
1	Inlet Pipe	TB582S	
1	Muffler Assembly	852557-Z	
1	Tailpipe	16811S	
1	Stainless Tip	ST461	
1	Parts Kit	PK661	
	3	2½” Band Clamp	MC250BS
	2	½” Hanger Keepers	HW503



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Installation diagram for:
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