



Installation Instructions SYSTEM #817557

1993-1997 Jeep Grand Cherokee
4.0L L6 & 5.2L V8 Engines

**AMERICAN
THUNDER**

409S Stainless Steel

12/19/11

- 1) Raise the vehicle up on a hoist or rack to working height.



- 2) Using a hacksaw or sawsall, cut the stock tailpipe off where it exits the muffler. (This step is not mandatory, but it makes removal a little easier.)



- 3) Separate the wire hanger on the tailpipe from its rubber mount on the vehicle. Remove the tailpipe and set aside.



- 4) Support the muffler with a stand, and with a 15mm wrench remove the muffler clamp at the catalytic converter to muffler connection. Remove the muffler assembly from under the vehicle.



- 5) Install the muffler inlet pipe **#TB542S** on the back of the catalytic converter. Make sure to align the notch in the pipe with the tab on the catalytic converter. Clamp lightly using the provided 2¼" clamp.



- 6) 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.



7) Place a provided 2½” clamp onto the muffler outlet and then place the tailpipes front section pipe **#16720S** into position over the axle. Tighten the clamp enough to hold but still allow adjustment.



8) To simplify the installation of the rear section of the tailpipe, **#16721S**, remove the rear hanger mount from the frame and slide the hanger assembly onto the hanger of pipe **#16721S**.



9) Place a provided clamp onto the slip-fit of **#16721S** and place onto the rear of **#16720S**. Re-install the two bolts for the rear hanger mount to the frame. Tighten the clamp enough to hold but still allow for adjustment.



10) Adjust the position of all pipes and mufflers 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

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Inlet Pipe	TB542S
1	Muffler Assembly	852555-Z
1	Tailpipe, Front Sec.	16720S
1	Tailpipe, Rear Sec.	16721S
1	Parts Kit	PK611
1	2¼” Band Clamp	MC225BS
3	2½” Band Clamp	MC250BS



Installation diagram for:
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