



Installation Instructions for:

SYSTEM #817533

2004-2014 NISSAN TITAN

5.6L V8 ENGINE · ALL W.B. EXCEPT CREW CAB/LONG/BED

**AMERICAN
THUNDER**

409S Stainless Steel

Removal:



1) To make the removal of the stock system easier, unbolt tailpipe at the flanged connection at the rear of the muffler. Slide the tailpipe backwards to remove it from the muffler and then forward to remove from the rear rubber hanger.



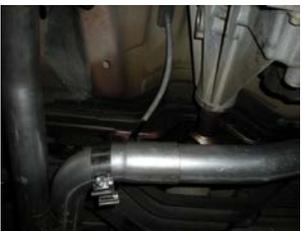
2) Support the muffler with a stand and unbolt the flanged connections behind the catalytic converters. (Save the nuts, bolts and metal gaskets for the installation.) It will be necessary to take a 12mm socket and unbolt the hanger bracket from the frame that holds the head pipe and muffler assembly up (save bracket and bolts, you will reinstall with new system). Remove muffler and set aside.

Installation:

1) Before installing anything, prep the clamps supplied in the hardware kit by removing the nuts, and applying a thick lubricant such as white grease or anti-seize to the threads.



2) Reinstall the hanger bracket that you unbolted from the frame. Make sure the arrow on bracket is pointing forward when you slide it on hanger rod and bolt it back to the frame.



3) Take the left head pipe assembly **#16478S** and right head pipe assembly **#16473S** and slide them together (make sure you slide a clamp on pipes before sliding the two together). Lift the assembly up and bolt the flanges together (make sure you put the metal gaskets between the flanges first) using the stock nuts and bolts. Tighten the clamp on the slip-fit connection just enough to hold in position.

4) Note: On some models the factory hanger referred to in step two will not line up properly and will have to be replaced with the new hanger bracket **#383HA** and rubber hanger **#HA168** that are provided in the hardware kit.



5) Take a 3" clamp and slide it on the inlet of the muffler. Slide muffler inlet onto the back of the head pipe assembly and temporarily support with a stand. Tighten clamp down just enough to hold in position, but still allow for adjustment. Install a 3" clamp onto the muffler outlet.



6) Take tailpipe **#26348S** and place it into position over the rear axle. Slide the two hangers on the pipe into the stock hanger mounts on the vehicle. Then slide the front of the tailpipe into the outlet of the muffler. Tighten the clamp enough to hold, but still allow for adjustment.



7) Place stainless tip **#ST429** onto the end of the tailpipe and adjust the tip to the desired position. Tighten the nut on the tip to hold securely in place.

8) Adjust the position of the muffler, pipes and tip to provide a satisfactory fit. Maintain a minimum of 3/4" clearance between the Flowmaster system, the drivetrain and chassis components, while also keeping suspension travel and vibration in mind. Tighten down all clamped connections securely.

9) 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	Left head pipe assembly	16478S
1	Right head pipe assembly	16473S
1	Muffler	853070-Z
1	Tailpipe	26348S
1	Stainless tip	ST429
1	Parts kit	PK587
2	3" Clamp	MC300BS
1	2 1/2" Clamp	MC250SB
1	Rubber hanger	HA168
1	Frame Hanger Assembly	383HA



Installation diagram for:
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