



**409S Stainless Steel**

Installation Instructions for:  
**SYSTEM #817328**  
**2001-2004 CHEVROLET/GMC 2500HD**  
**& 3500HD SERIES TRUCK**

6.0L & 8.1L ENGINE · EXTENDED AND CREW CAB MODELS

**Removal:**

- 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.
- 2) For Extended Cab/Short Bed and Extended Cab/Long Bed models and also the Crew Cab/Long Bed model trucks, use a tape measure and make a mark on both inlet pipes 9" forward from the muffler end cap. For Crew Cab/Short Bed model trucks, measure 11 1/2" forward from the muffler end cap and make a mark on both inlet pipes. *(Prior to cutting the inlet pipes, you may choose to cut the stock tailpipe off at the rear of the muffler. This step is not mandatory, but will make removal easier.)* Cut both the right and left side inlet pipes on the marks you have made. Please be sure to measure twice to assure the pipes are cut correctly. Separate the two rubber hangers on the tailpipe from their rubber mounts on the vehicle then lower the muffler and tailpipe from under the vehicle and set aside.

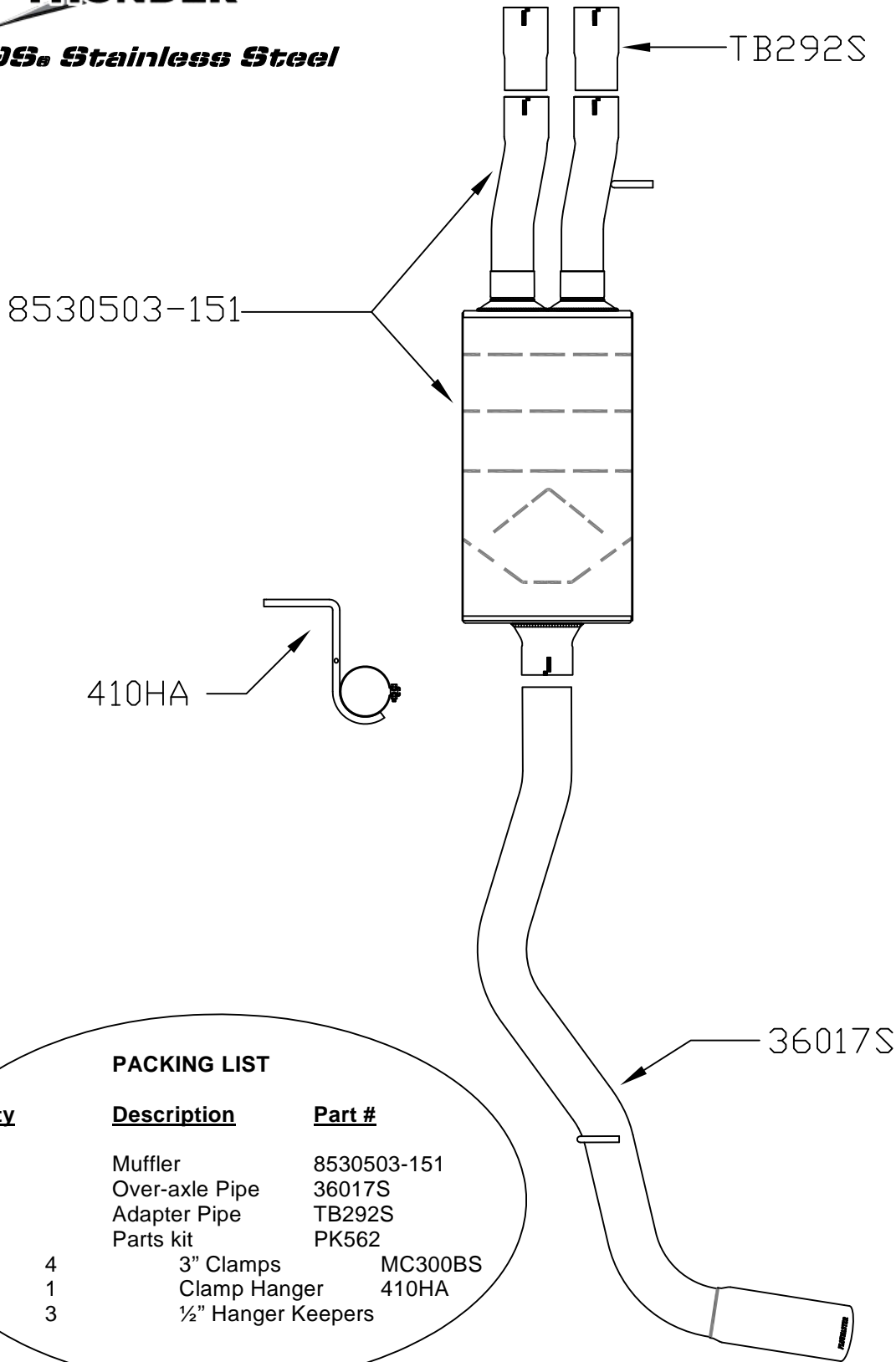
**Installation:**

- 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) Place a supplied clamp onto the inlets of muffler **#8530503-151**, then slide onto the front pipes until the muffler inlets are completely seated on the inlet pipes. On Crew Cab/Short Bed models, place the supplied **#TB292S** adapter pipes and clamps onto the inlet pipes in front of the Flowmaster muffler. Use a stand to support the muffler. Slide the hanger welded to the muffler into the rubber mount on the vehicle.
- 3) Install clamp hanger **#410HA** into the rubber mount above the muffler and place the clamp over the outlet of the muffler. Tighten enough to hold, but still allow for adjustment. Raise tailpipe **#36017S** into position over the axle. Connect the hanger at the rear of the pipe with the rubber mount on the vehicle and slide the tailpipe into the outlet of the muffler.
- 4) Adjust the position of all pipes and muffler to provide a satisfactory fit. A minimum of 3/4" clearance around all parts of the system must be maintained; while also keeping suspension travel and vibration in mind.
- 5) Tighten all the clamps down securely. For a more secure installation, we recommend welding all slip-fit connections.



**AMERICAN THUNDER**  
**409S<sup>®</sup> Stainless Steel**

Installation diagram for:  
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**PACKING LIST**

<u>Qty</u>	<u>Description</u>	<u>Part #</u>
1	Muffler	8530503-151
1	Over-axle Pipe	36017S
2	Adapter Pipe	TB292S
1	Parts kit	PK562
4	3" Clamps	MC300BS
1	Clamp Hanger	410HA
3	½" Hanger Keepers	