



Installation Instructions for:
SYSTEM #817841
2018-2019 Jeep Wrangler JL
2 & 4 Door Models With 2.0T & 3.6L ENGINE

**AMERICAN
THUNDER**

409SS® Stainless Steel

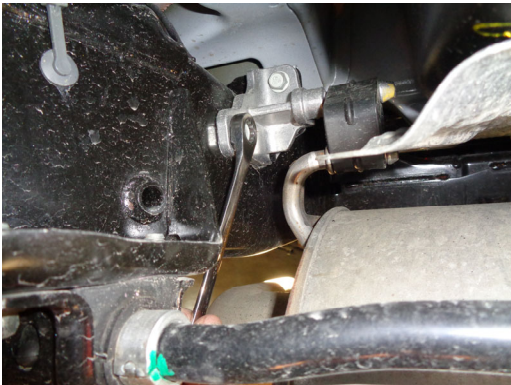
Revised 01/28/19

Removal:

1) Raise the vehicle and support securely with stands. To ease the removal of the stock system, spray a penetrating lubricant onto the rubber hangers at the rear of the vehicle as well as the clamped connection above the rear axle.



2) Using a 15mm socket, loosen the clamp at the muffler inlet connection above the rear axle.



3) Locate the left and right rear mounts supporting the muffler, use a 13MM open end wrench to remove the lower bolt on each mount.



4) Then, use a 13MM socket wrench to remove the upper bolt on each mount. Once both hangers are un-fastened, carefully lower the stand and with the help of an assistant slide the muffler off of the inlet pipe and remove from the vehicle.



5) Place the factory muffler next to the new Flowmaster muffler and move the factory hanger mounts onto the wire hangers of the new muffler.

Installation:



1) Place the supplied clamp onto the inlet of the new Flowmaster muffler, then place the muffler up into position and slide the inlet onto the factory over-axle pipe. Line up the notch in the inlet pipe with the tab on the over-axle pipe, slide on completely. Support the muffler with a stand.



2) Place the factory hanger mounts back into position and secure them to the frame using the factory bolts, tighten securely.

3) Adjust the position of the muffler to provide a satisfactory fit. A minimum of 1/2" clearance around all parts of the system must be maintained; while keeping suspension travel and vibration in mind. After adjustments have been made, you may now securely tighten the clamp.

4) After the system is secure, slide the 7/16" hanger keepers onto the ends of the wire muffler hangers. These will prevent the hangers from slipping out of the rubber mounts.

PACKING LIST		
Qty.	Description	Part #
1	Muffler Assembly	842583-507
	PARTS KIT (includes the following)	PK958
1	• 2 1/2" Band Clamp	MC250BS
2	• 7/16" Hanger Keeper	HW502