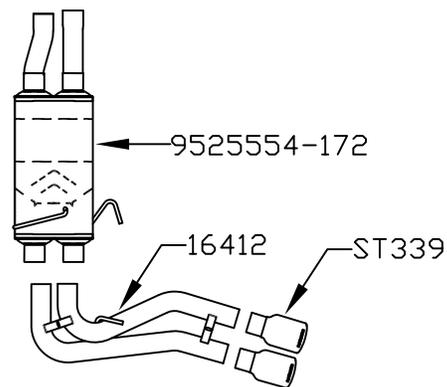




Installation diagram for:
SYSTEM #17367
1999-2004 FORD F150 LIGHTNING

PACKING LIST			
QTY	DESCRIPTION	PART#	
1	Muffler Assembly	9525554-172	
1	Exit Pipe Assembly	16412	
2	Stainless Tip	ST339	
1	Parts Kit	PK409	
4	2.5" Clamp	MC250S	
3	7/16" Hanger Keeper	HW502	



03/02/12

Removal:

- 1) Support the muffler with a stand of some type and using a 15mm wrench loosen the clamps holding inlet pipes behind the catalytic converter.
- 2) Separate the three hanger rods from the rubber mounts on the vehicle. (A lubricant will make this easier.)

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) Take two of the **#MC250S** clamps provided in the parts kit and slide them onto the inlet pipes. Slide the muffler assembly **#9525554-172** onto the back of the catalytic converter and slide the hanger rods at the rear of the muffler into the rubber mounts on the vehicle.
- 3) Take the other two **#MC250S** clamps and slide them on the outlets of the muffler assembly. Take exit pipe assembly **#16412** and slide into the outlets of the muffler assembly. Slide the hanger rod on **#16412** into the rubber mount on the vehicle. Tighten clamps enough to hold, but still allow for adjustment.
- 4) Take the two stainless tips **#ST339** and slide them onto the back of the exit pipe assembly **#16412**. Adjust and rotate to your desired location, and tighten clamp bolts on the tips to hold in place.
- 5) Adjust the position of all muffler, pipes and tips 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.
- 6) Tighten down all clamped connections securely. After the system is secure, slide the 7/16" hanger keepers onto the muffler assembly and exit pipe assembly. This will prevent the hangers from slipping out of the rubber mounts.
- 7) For a cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections. If you live in a geographical area that has harsh winters or sees a great deal of precipitation, the use of high temperature paint over the welded areas can help to prevent surface rust and premature corrosion.