



Installation Instructions
717980
 2009-14 FORD F-150
 3.5L, 4.6L, 5.0L & 5.4L ENGINE

OVERVIEW:

1. Take a moment to read and understand these instructions before installing your Flowmaster performance system.

NOTE: Please inventory all parts now before continuing and if necessary, report any missing items to our tech line. This will avoid potentially stranding your vehicle until any missing replacement parts arrive.

ITM #	PART #	DESCRIPTION	QTY.
N/A	PK1061	Hardware Package includes:	1
4	MC300BS	3" Stainless Band Clamp	2
5	HW211	3/8"-16 x 2 Bolt	2
6	HW103	3/8"-16 Nut	2
7	HW309	3/8" Lock Washer	2
8	HW303	3/8" Flat Washer	4

ITM #	PART #	DESCRIPTION	QTY.
1	26845M	Inlet Pipe	1
2	26277M	Extension Pipe	1
3	70006-578	Muffler Assembly	1

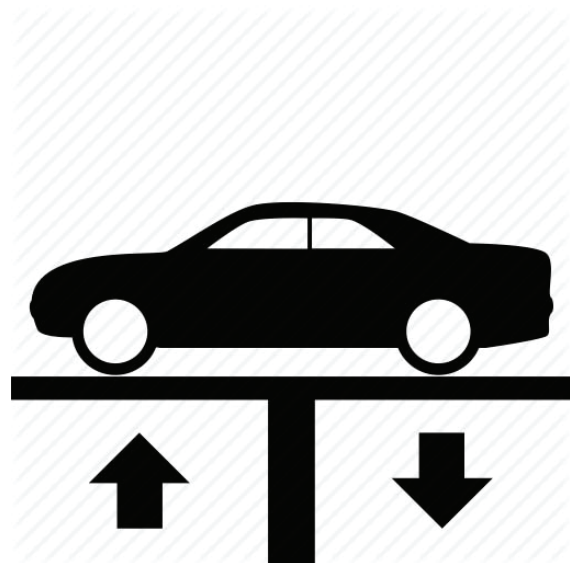
REMOVE STOCK EXHAUST SYSTEM:

2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

WARNING:
 Avoid serious burns! Allow your vehicle time to cool completely before touching any factory engine components.

To ease preparation and installation of your new kit:

- Apply penetrating lubricant to mounts, bolts and clamps before you remove them.
- Use stands as necessary to support parts as you detach them from your vehicle and again as you install new parts.



3. Cut tailpipe at muffler exit. Disassemble hanger wire from isolator and remove tailpipe section from vehicle.



4. Remove (x2) bolts at front flange connection. Slide exhaust system back to disengage hangers from isolators then remove it completely from vehicle.



INSTALL FLOWMASTER EXHAUST SYSTEM:

5. Remove nuts from stock and Flowmaster clamps, apply anti-seize compound to bolts and re-install nuts.

NOTE: The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.

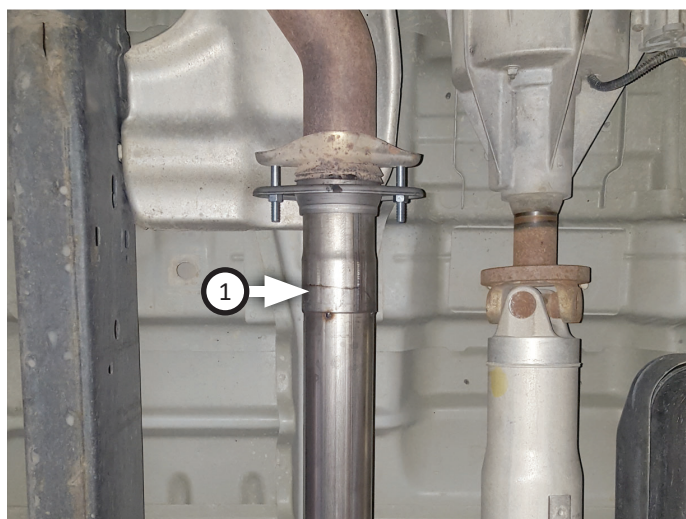
6. Every slip fit connection in this kit must seat 3" deep except for muffler connections which must seat 2" deep. Find all slip fit components in your kit and mark them accordingly so your Flowmaster exhaust system fits properly onto your vehicle.



7. If your vehicle falls within the specifications listed below, apply the corresponding modifications or assembly combinations to this kit to ensure it will install properly.

WHEELBASE	BODY STYLE	BED LENGTH	INLET ASSEMBLY:	MODIFICATION
126"	Regular Cab	6.5'	Inlet only	Trim 18" from back of inlet pipe
133"	SuperCab	5.5'	Inlet only	Trim 12" from back of inlet pipe
145"	SuperCrew	5.5'	Inlet only	None
145"	Regular Cab	8'	Inlet only	None
145"	SuperCab	6.5'	Inlet only	None
157"	SuperCrew	6.5'	Inlet/Extension	Trim 6" from back of extension pipe
163"	SuperCab	8'	Inlet/Extension	None

8. Loosely fasten **inlet pipe (1)** to cat. converter using (x2 ea.) **bolts (5)** through **flat washers (8)**, flanges, flat washers, **lock washers (7)** and **nuts (6)**.



9. For applicable vehicles, place **clamp (4)** onto **extension pipe (2)** and connect it to inlet. Inlet pipe should be offset toward frame of vehicle.



10. Place clamp onto **muffler (3)** then connect it to inlet/extension while inserting hangers into isolators. Tighten clamp just enough to hold parts.

NOTE: For an easier install, you may want to remove the rear muffler isolator mount, place it on muffler then re-fasten it once muffler is in place.



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11. Adjust exhaust components for fit; maintaining ½" clearance and compensating for suspension, travel and vibration. Once finished, tighten all clamps.
 12. Recommended: Secure slip-fit connections with a 1-inch tack weld then spray high-temp paint over each weld to prevent rust and premature corrosion.

Congratulations, the installation of your FLOWMASTER performance exhaust system is now complete!





Installation Diagram
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