



Exhaust Installation (Part Number 130440/M-5200-FST)



Thank you for purchasing a Ford Racing Performance Parts Exhaust Kit.

Ford Motor Company recommends that your Ford dealer or professional after market parts installer, who has all the necessary equipment, tools and experienced personnel needed for proper installation, should perform the installation of this system. However, if you decide to perform the installation, we recommend someone should help you. Ensure the installer uses all under car safety precautions including eye protection.

This Ford Racing Performance Parts Exhaust Kit (Part Number 130440/M-5200-FST) is designed for the Ford Focus ST 2.0L Turbo Engine, FWD drive, manual transmission.

Caution!!! Never work on a hot exhaust system. Serious injury in the form of burns can result if the vehicle has been in use and the exhaust system is hot, allow vehicle to cool for at least 1 hour. Always wear eye protection when working under any vehicle.

Note: It is our recommendation that you use a hoist or hydraulic lift to facilitate the installation of your new Ford Performance Parts Exhaust Kit.

Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

Note: Before removing the original exhaust system from your vehicle, please compare the parts you have received with the bill of materials provided on the next page to assure that you have all the parts necessary for the installation of your new Ford Racing Performance Parts Exhaust Kit.



Minimum Required Tool List:

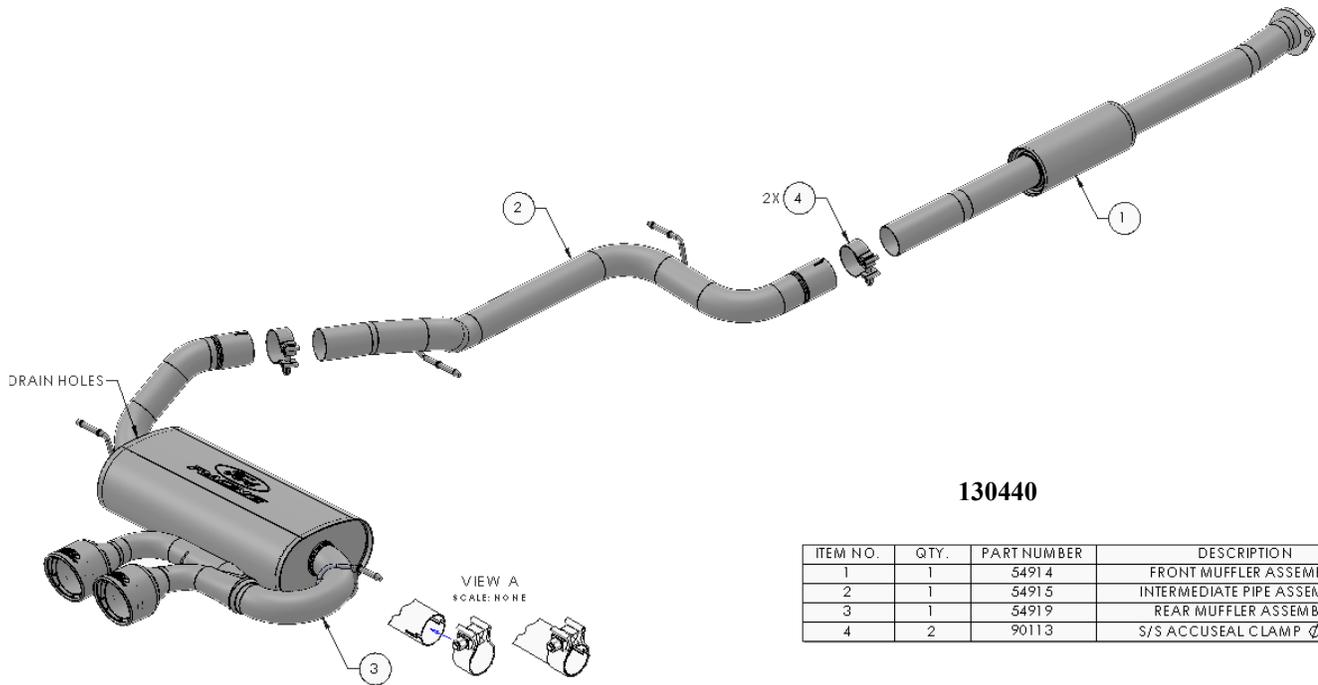
TOOLS:

1. 3/8" Drive Ratchet
2. 3/8" Drive Extension 3"
3. 13mm, 10mm Deep Well Sockets
4. Pry Bar
5. Metal-cutting blade sawsall

SHOP SUPPLIES:

- 1 Spray Lubricant

Ford Racing Performance Parts Exhaust Kit Bill of Materials



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	54914	FRONT MUFFLER ASSEMBLY
2	1	54915	INTERMEDIATE PIPE ASSEMBLY
3	1	54919	REAR MUFFLER ASSEMBLY
4	2	90113	S/S ACCUSEAL CLAMP Ø2.50

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Note: It is our recommendation that you use a hoist or hydraulic lift to facilitate the installation of your new Ford Racing Exhaust System.

Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

Note: Before removing the original exhaust system from your vehicle, please compare the parts you have received with the bill of materials provided on the previous page to assure that you have all the parts necessary for the installation of your new Ford Racing Exhaust System.

Original Exhaust System Removal

Note: With a used vehicle, we suggest a penetrating spray lubricant to be applied liberally to all exhaust fasteners and allowing a significant period of time for the chemical to lubricate the threads before attempting to disassemble.

1. Loosen front-flange hardware and keep for re-installation of your new cat-back. (See Fig.1)
2. Rear-muffler must be cut prior to removal. Using a metal-cutting-blade saw, cut the pipe at this mark making sure not to damage vehicle. De-burr the newly cut pipe. (See Fig. 2)
3. Remove tunnel cross-brace. Remove hangers from rubber isolators to remove muffler. (See Fig. 3)
4. Using a muffler stand or an additional person to hold the exhaust system up in place, remove the hangers from the rubber isolators and remove the exhaust system from the vehicle.
5. Carefully remove the remaining exhaust from the vehicle. (See Fig. 4)

Warning: Use extreme caution during installation. Torque all fasteners according to manufacturer's torque values and tightening sequence. DO NOT use air impact tools to tighten fasteners on Ford Racing Performance Parts Exhaust Kit Use of such tools may result in bent flanges or gasket contact areas leading to exhaust leaks.

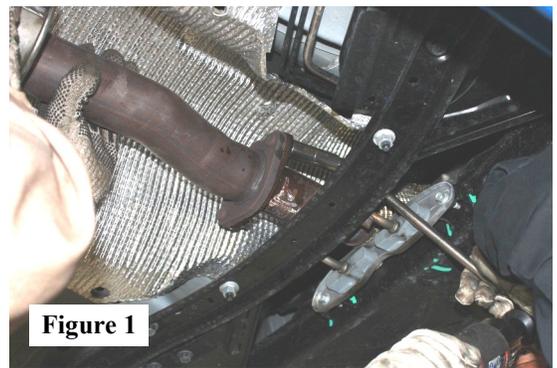


Figure 1



Figure 2



Figure 3



Figure 4

Ford Racing Performance Parts Exhaust Kit Installation

1. Refer to assembly drawing on page 2 for component names..
2. Position Front-Pipe Assembly flange to cat-pipe flange using original hardware. (See Fig. 5)
3. Place a clamp over expanded-end of Intermediate Pipe Assembly and insert into Front Pipe Assembly. Insert hangars into rubber isolators. Re-install cross-brace using factory hardware. (See Fig. 6)
4. Place a clamp over the expanded-end of Rear Muffler Assembly and insert pipe into Intermediate Pipe Assembly. Insert hangars in rubber isolators. (See Fig. 7)
5. Check your exhaust system for proper clearance under the vehicle and also for tip alignment. (See Fig. 8)
6. Once position has been determined to be correct, tighten the Accuseal clamps to 32-35 ft. lbs. **IMPORTANT: Make sure the clamp bolt is positioned between the pipe notches NOT over the pipe notches.**
6. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
7. Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose or incorrectly positioned clamp) and repair as necessary.

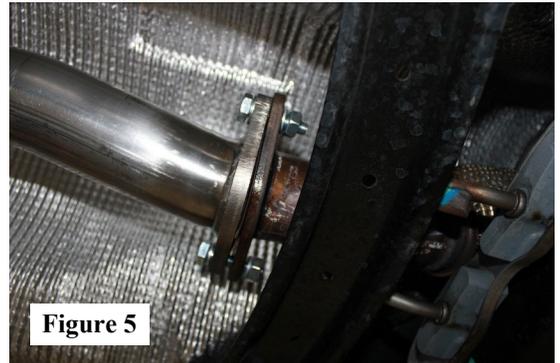
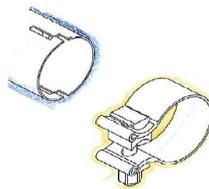


Figure 5



Figure 6



Figure 7



Figure 8

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