



Rear-Section Exhaust System Installation



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.

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

This Ford Racing Performance Parts Exhaust Kit (Part number M-5230-FSH) is designed for the Ford Focus, 2.0L engine, FWD drive and automatic or manual transmissions.

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:

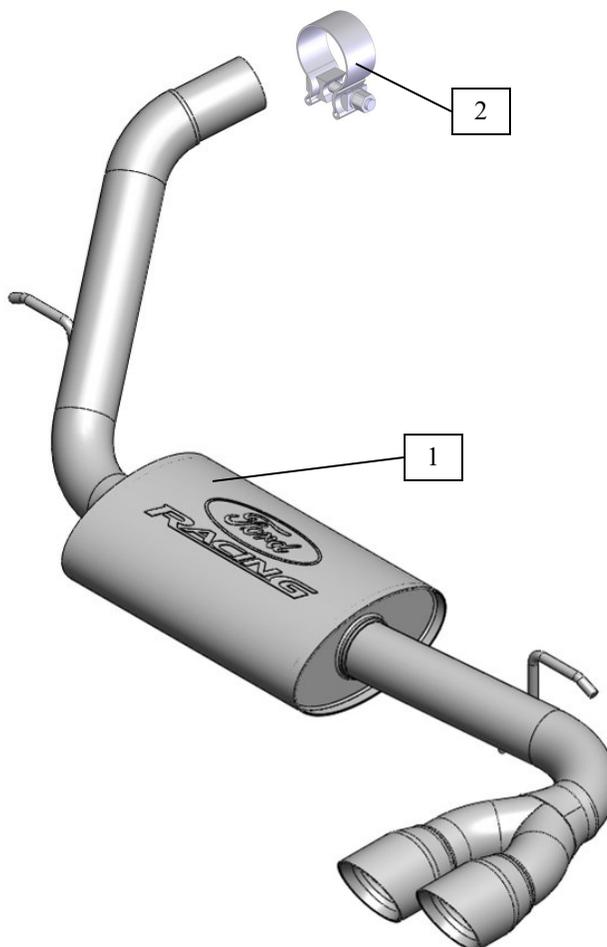
1. 3/8" Drive Ratchet
2. 3/8" Drive Extension 3"
3. 15mm Deep Well Socket
4. Pry Bar
5. Metal-cutting blade sawsall

SHOP SUPPLIES:

- 1 Spray Lubricant

Ford Racing Performance Parts Exhaust Kit Bill of Materials

1. Muffler Assembly
2. S/S Accuseal Clamp (2.125")



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. Factory pipe must be cut to install your new rear section exhaust. See Fig. 1
2. Using a marking pen, mark cutting line over the rear-axle straight-section of pipe (before the pipe bend). (See Fig 2)
3. Loosen nuts on front flange-pipe keeping hardware for re-installation later. Slide flange pipe rearwards. (See Fig 3)
4. Slide flange-pipe rearwards and cut pipe at mark using a metal cutting blade saw. (See Fig.4)
5. Carefully remove the remaining exhaust from the vehicle. (See Fig. 5)
6. De-burr the newly cut pipe.
7. Slide flange-pipe forward and re-install flange using original hardware. Tighten hardware to 35 ft. lbs.

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



Figure 1

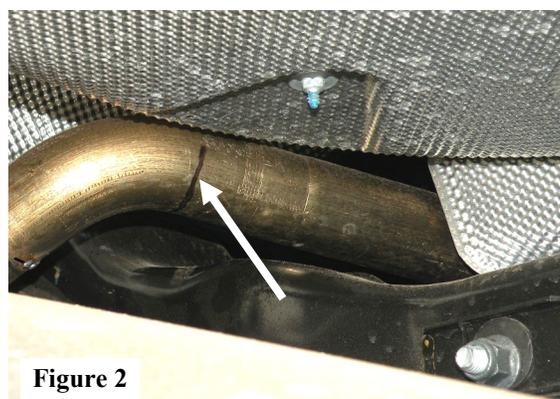


Figure 2

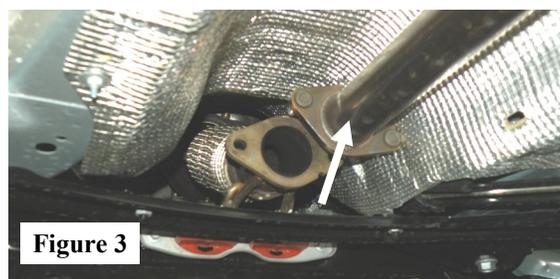


Figure 3



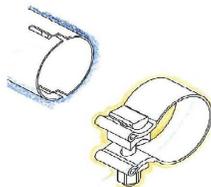
Figure 4



Figure 5

Ford Racing Performance Parts Exhaust Kit Installation

1. Refer to assembly drawing on page 2 and orient components as shown.
2. Insert muffler assembly inlet pipe to cut section of pipe over axle. (See Fig. 6)
3. Insert hangars into rubber isolators. (See Figs. 7 & 8)
4. Check your exhaust system for proper clearance under the vehicle and also for tip alignment. (See Fig.9)
5. 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.



Note: When you first start your vehicle after the installation of your new Ford Racing Performance Exhaust kit, there may be some smoke and fumes coming from the system. This is a protective oil based coating used in the manufacturing of mandrel bent performance exhaust tubing. This is not a problem and will disappear within a very short period of time after the exhaust has reached normal operating temperatures.

Congratulations!!! You have completed the installation of the Ford Racing Performance Exhaust Kit.

