



**2005-2006 Ford Mustang GT Legal / Stage 3 / Offroad Exhaust Kits
for Roush Rear Valence
Installation Instructions**

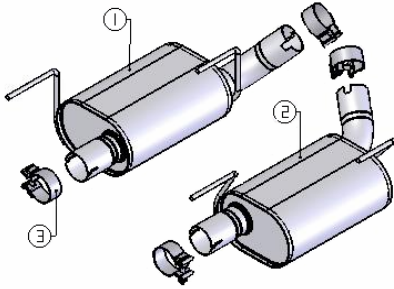
Application: 2005- Ford Mustang GT Model
Must have Roush Rear Valence Kit #R03030061



Before installing your Roush Performance Product(s), read through the entire installation procedure and check to make sure all items are present.

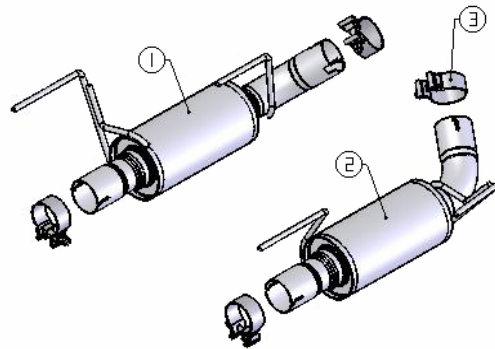
Packaging List for Complete Exhaust Kits # R12000023 / R12000024 / R12000031

<u>Item</u>	<u>Quantity</u>
V8 Exhaust Kit (#R12000021 / R12000025 / R12070001)	1
Muffler Assembly LHS (#R12030010 / R12030012 / R12030016)	1
Muffler Assembly RHS (#R12030011 / R12030013 / R12030017)	1
Hardware Kit (#R12060010)	1
Accuseal Clamp, 2.5in	4
Exhaust Tip LHS (#R12050009)	1
Exhaust Tip RHS (#R12000022)	1
Installation Instructions (#R12000022)	1



#R12000021 / #R12070001

1. Left muffler assembly
2. Right muffler assembly
3. 2.50" clamp (qty 4)



#R12000025

Equipment and Supplies Required

3/8" Drive Ratchet
3/8" Drive Extension 3"
15mm Socket
5 Pry Bar
Spray Lubricant

LIMIT OF LIABILITY STATEMENT

The information contained in this publication was accurate and in effect at the time the publication was approved for printing and is subject to change without notice or liability. Roush Performance Products (RPP) reserves the right to Revise the information presented herein or to discontinue the



Production of parts described at any time.

1. SAFETY REQUIREMENTS

**STOP! READ IMPORTANT SAFETY
CAUTIONS AND WARNINGS BEFORE PROCEEDING.**

IMPORTANT SAFETY NOTICE

Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to

the failure to correctly follow these instructions could cause personal injury or death.

Read each step of the installation manual carefully before starting the actual installation.

1. Always wear safety glasses for eye protection.
2. Place ignition switch in the OFF position.
3. Always apply the parking brake when working on a vehicle.
4. Block the front and rear tire surface to prevent unexpected vehicle movement.
5. Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
6. Do not smoke or use flammable items near or around the fuel system.
7. Use chemicals and cleaners in well-ventilated areas.
8. Batteries produce explosive gases, which can cause personal injury.
Therefore, do not allow flames, sparks or flammable substances to come near the battery.
9. Keeps hands and any other objects away from the radiator fan blades.
10. Keep yourself and your clothing away from moving parts when the engine is running.
11. Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.

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 the clamps shown in figure 1 located just behind the h-pipe.

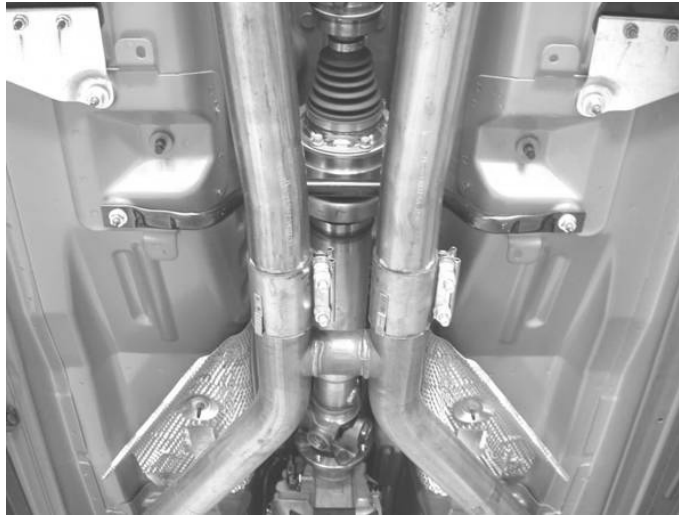


Figure 1

2. Loosen the clamps shown in figure 2 located just in front of each muffler assembly.

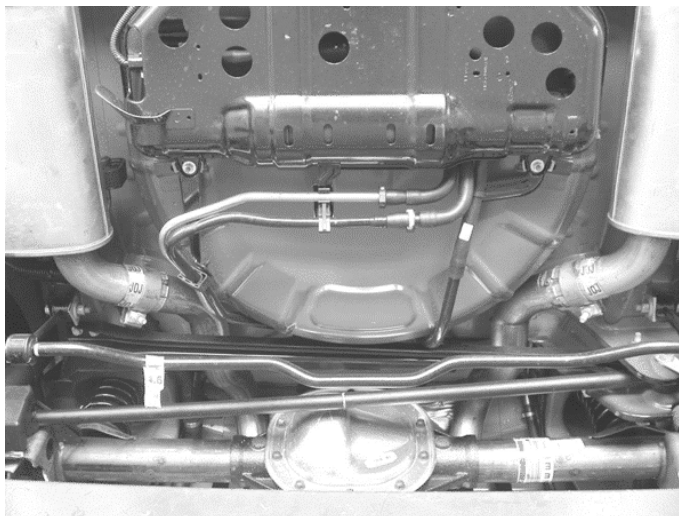


Figure 2



3. Beginning with the left (driver) side, using a flat blade screwdriver, pull the clip as shown in figure 3 to disengage it from the pipe.



Figure 3

4. Remove the left (driver) side over axle pipe shown in figure 4 by removing the front of the pipe first then sliding it out of the muffler assembly.



Figure 4



5. Remove the factory clamp for use during the installation of your new exhaust system.
6. Repeat steps 3 thru 5 for the removal of the right side over axle pipe.
7. Lubricate hangers and rubber isolators.
8. On left (driver) side muffler assembly, remove the hangers from the rubber isolators and remove the muffler from the vehicle as shown in figure 5.



Figure 5

9. Repeat step 7 for the removal of the right (passenger) side muffler assembly.

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 Roush Performance Products Exhaust Systems. Use of such tools may result in bent flanges or gasket contact areas leading to exhaust leaks.

Roush Performance Products Exhaust System Installation

1. Place a clamp over the expanded inlet pipe of the left (driver) side muffler assembly and set it up into position as shown in figure 6 installing the hangers into the rubber isolators.



Figure 6

- 2.Repeat step 1 for the installation of the right (passenger) side muffler assembly.
- 3.Place the original clamp over the expanded end of left (driver) side over axle pipe and set it back into position by first installing the rear portion into the muffler assembly.
- 4.Repeat step 3 for the installation of the right (passenger) side over axle pipe.



5. Place a clamp over the expanded outlet pipe of the muffler assembly and install the tip as shown in figure 7.

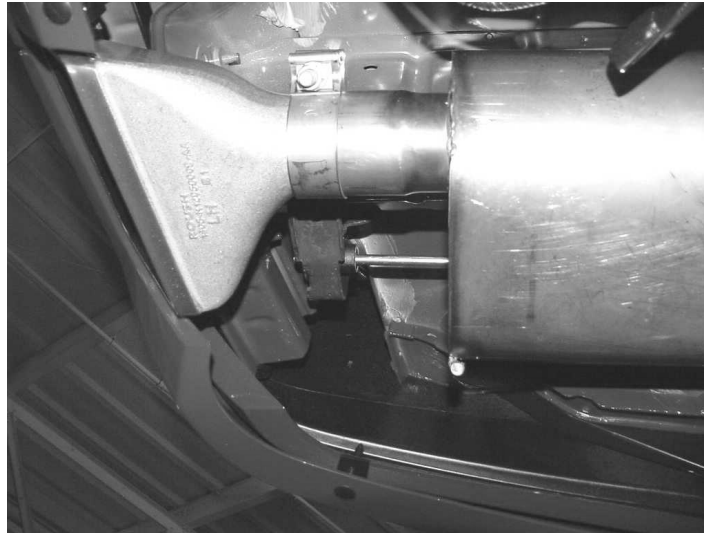


Figure 7

6. Check your exhaust system for proper clearance under the vehicle and also for tip alignment as shown in figure 8.



Figure 8



7. Once position has been determined to be correct, tighten the clamps to 32-35 ft. lbs.
8. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
9. 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.
10. Roush Performance Product(s) exhaust system installation is complete.



Note: If items are missing or for any questions regarding the installation of this kit, please contact Roush Performance toll free at 1-800-59-ROUSH.

WARRANTY

All retail parts carry a 90-day warranty from the date of purchase. This warranty covers defects in materials or workmanship, and does not include (i) normal wear and tear, environmental conditions, improper installation; (ii) road hazards, misuse, abuse, neglect, accidents, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle; (iii) misusing the vehicle, such as driving over curbs, overloading, racing, or using the vehicle as a stationary power source; (iv) altering, disassembling or modifying the parts; (v) defects caused or induced by failures, breakdowns, or damage by other parts, components or the vehicle; (vi) subjecting the parts to excessive moisture or water or any motor vehicle fluids (e.g.: oil, anti-freeze, battery acid, brake fluid, etc.); (vii) acts of God, natural disasters and other similar causes beyond the reasonable control of Roush; or (viii) application of chemicals that affect the parts. This Limited Warranty does not cover surface deterioration of paint, trim, and appearance items that result from use and/or exposure to the elements, such as stone chips, scratches, bird droppings, lightning, hail, windstorm, dings, dents, earthquake, road salt, tree sap, water or flood.

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