

2019-2027 RAM 1500 REAR EXIT PERFORMANCE MUFFLER SYSTEM

INSTALLATION INSTRUCTIONS

P/N: 422356 (4326-5E2920RR)



ROUSH
P E R F O R M A N C E

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Installation Instructions
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**Application: THIS KIT ONLY FITS 2019-2027 RAM 1500 5.7L TRUCKS
EQUIPPED WITH A FACTORY REAR EXIT EXHAUST CONFIGURATION.**

Important Note:

Before installing your ROUSH Exhaust, please read through the installation procedure and verify that all items are present. If you are missing hardware or have any questions, please contact ROUSH Performance at 1-800-59-ROUSH, 9:00 AM to 5:00 PM weekdays.

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Description	Part Number	Quantity
MUFFLER ASY	1115-5230	1
MUFFLER OUTLET PIPE - W/HANGERS	PT00057309	1
CLAMP - 3IN	10-0439	3

EQUIPMENT AND SUPPLIES REQUIRED

- Metal Cutting device (Band Saw, Hack Saw, Cut-off Wheel)
- Tape Measure
- Ratchet with Extensions
- Metric Socket Sets (deep recommended)
- Torque Wrench

If you are missing any items, please call us toll free at 1-800-59-ROUSH.

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.

SAFETY PRECAUTIONS

**STOP**

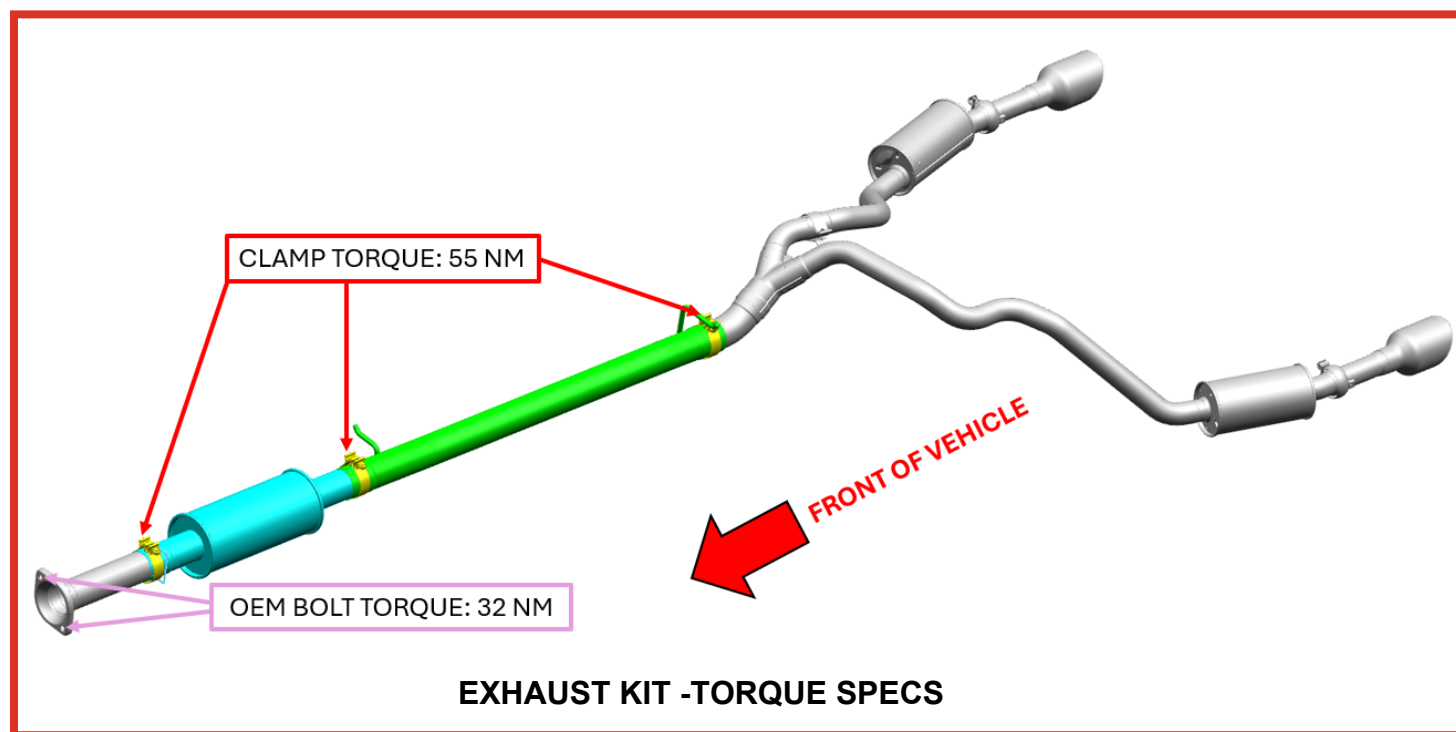
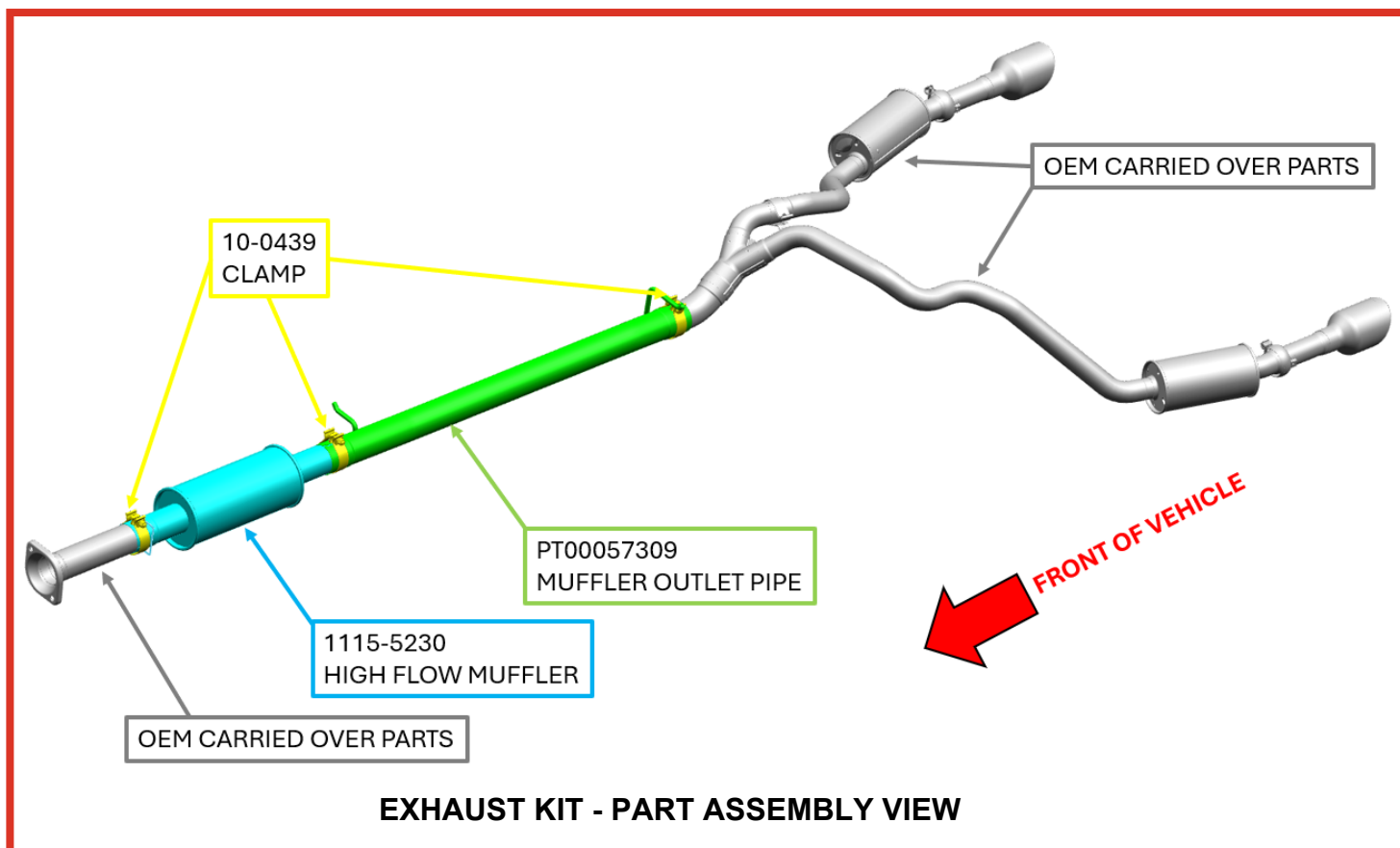
CAREFULLY READ THE IMPORTANT SAFETY PRECAUTIONS and WARNINGS BEFORE PROCEEDING WITH THE INSTALLATION!

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 installation.

- Always wear safety glasses for eye protection.
- Place ignition switch in the OFF position.
- Always apply the parking brake when working on a vehicle.
- Block the front and rear tire surface to prevent unexpected vehicle movement.
- If working with a lift, always consult vehicle manual for correct lifting specifications.
- Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
- Do not smoke or use flammable items near or around the fuel system.
- Use chemicals and cleaners in well-ventilated areas.
- Batteries produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks or flammable substances to come near the battery.
- Keeps hands and any other objects away from the radiator fan blades.
- Keep yourself and your clothing away from moving parts when the engine is running.
- Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.
- Allow the engine, cooling system, brakes and exhaust to cool before working on a vehicle.

WORK SAFELY!

Perform this installation on a good clean level surface for maximum safety and with the engine turned off.

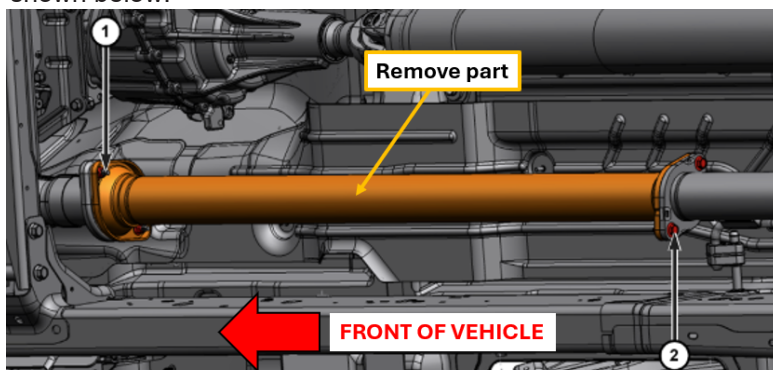


SECTION A - DISASSEMBLY

The following section will guide you through the disassembly and removal of the OEM exhaust components. **MAKE SURE TO SAVE THE REMOVED PARTS AND HARDWARE FOR RE-USE!**

Note: Standard crewcab 5.5' bed model as shown, longer and shorter wheelbase vehicles follow the same process.

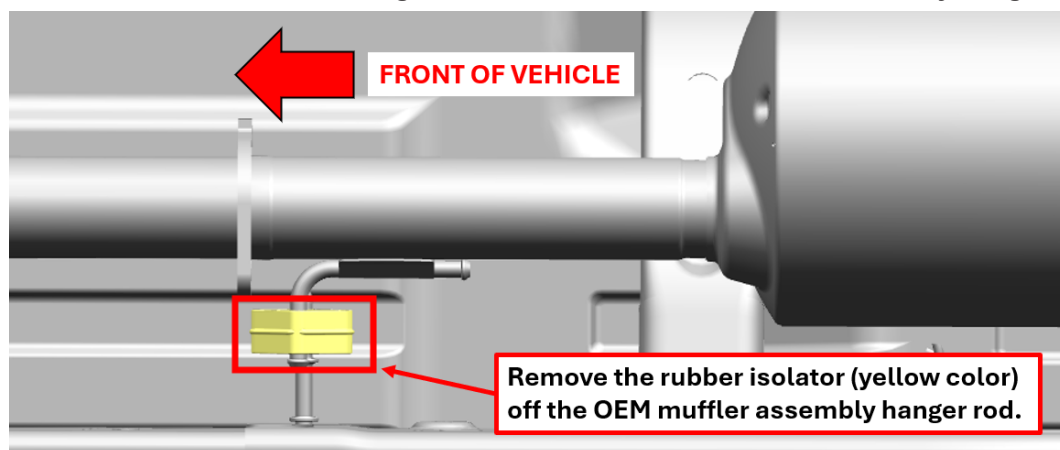
1. Remove the nuts & bolts from the front inlet pipe at locations 1 and 2, remove front inlet pipe (orange color) as shown below.



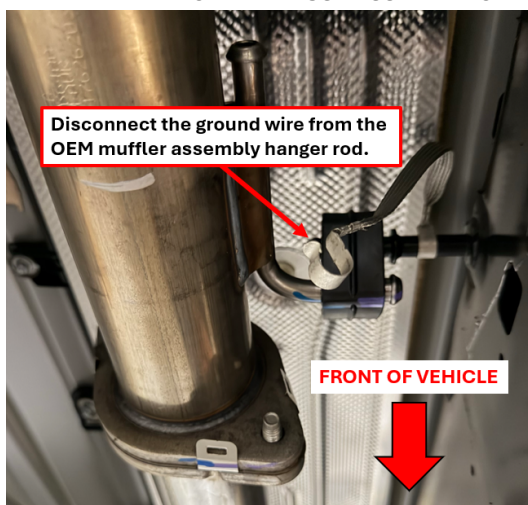
OEM EXHAUST ASSEMBLY ON VEHICLE - BOTTOM VIEW

2. Remove the rubber isolator (yellow color) off the OEM muffler assembly hanger rod (located in front of the OEM muffler assembly), leave the rubber isolator (yellow color) on the OEM exhaust hanger bracket on vehicle.

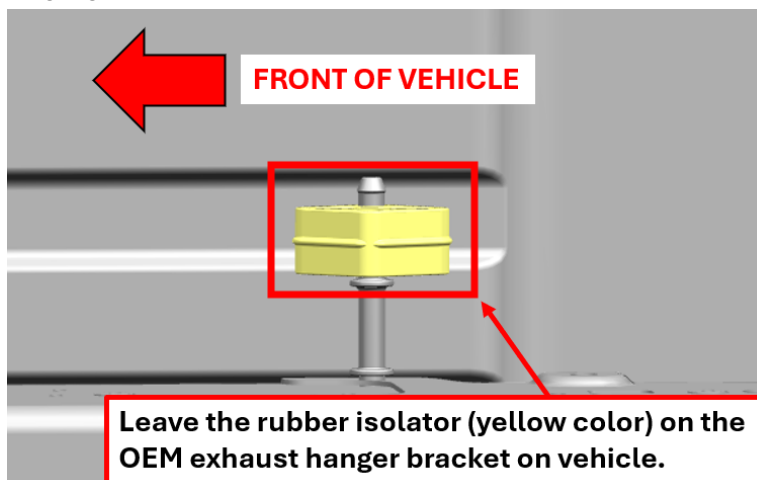
IF EQUIPPED: Disconnect the ground wire from the OEM muffler assembly hanger rod.



OEM EXHAUST ASSEMBLY ON VEHICLE - BOTTOM VIEW



OEM EXHAUST ASSEMBLY ON VEHICLE - FORWARD VIEW

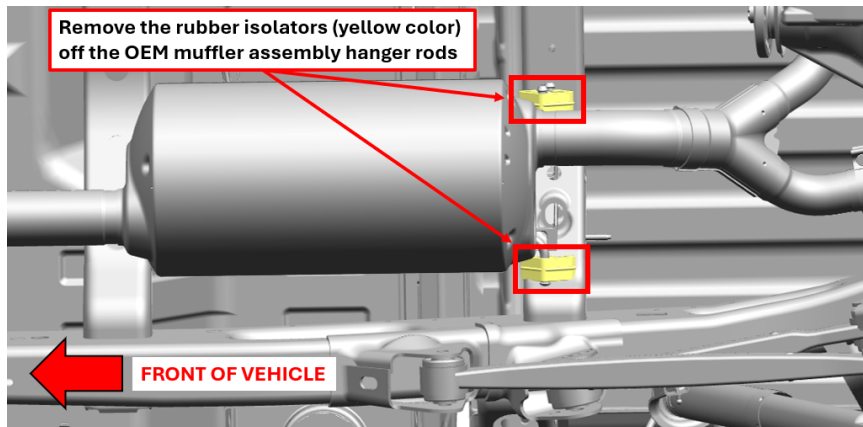


OEM RUBBER ISOLATOR ON VEHICLE - BOTTOM VIEW

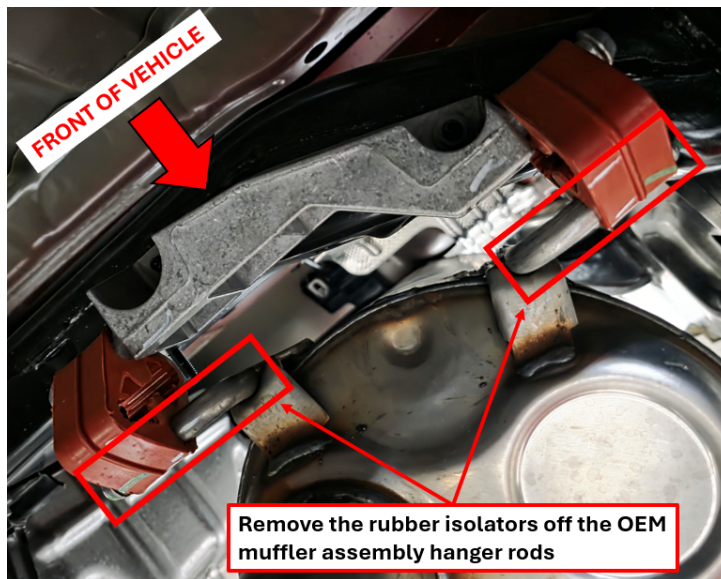
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3. Remove the rubber isolators (yellow color) off the OEM muffler assembly hanger rods (located above the OEM muffler assembly), leave the rubber isolators (yellow color) on the OEM muffler hanger bracket rods on vehicle.



OEM EXHAUST ASSEMBLY ON VEHICLE - BOTTOM VIEW



OEM EXHAUST ASSEMBLY ON VEHICLE - FORWARD VIEW



OEM RUBBER ISOLATOR ON VEHICLE - FORWARD VIEW

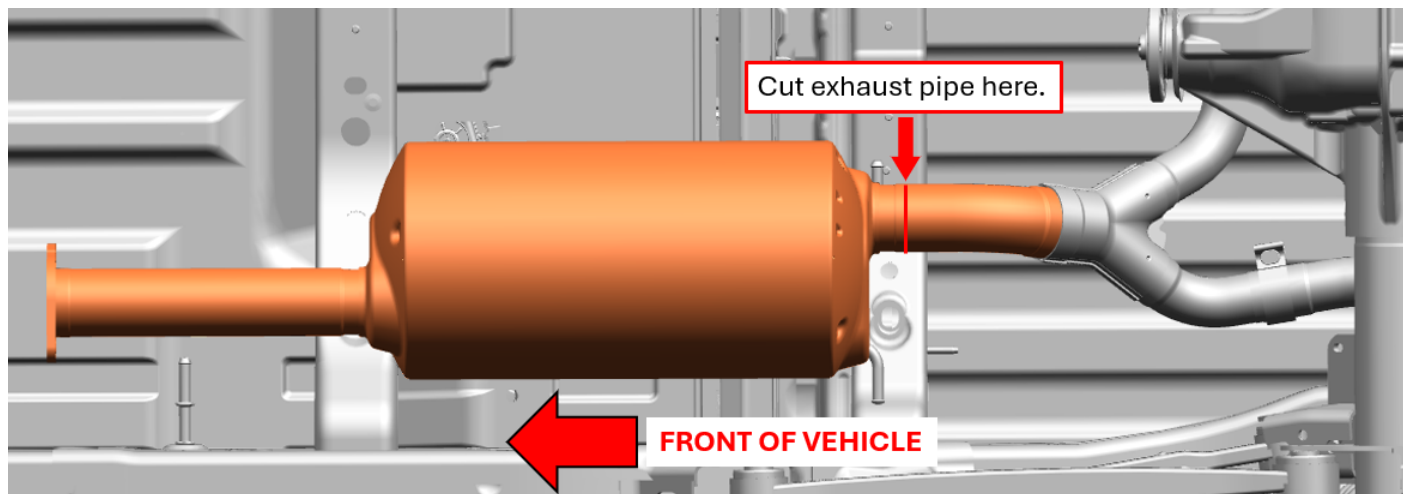
SECTION B - ASSEMBLY

The following section will guide you through the modifications of the OEM exhaust components and installation of the ROUSH exhaust components. **MAKE SURE TO SAVE THE REMOVED PARTS AND HARDWARE FOR RE-USE!**

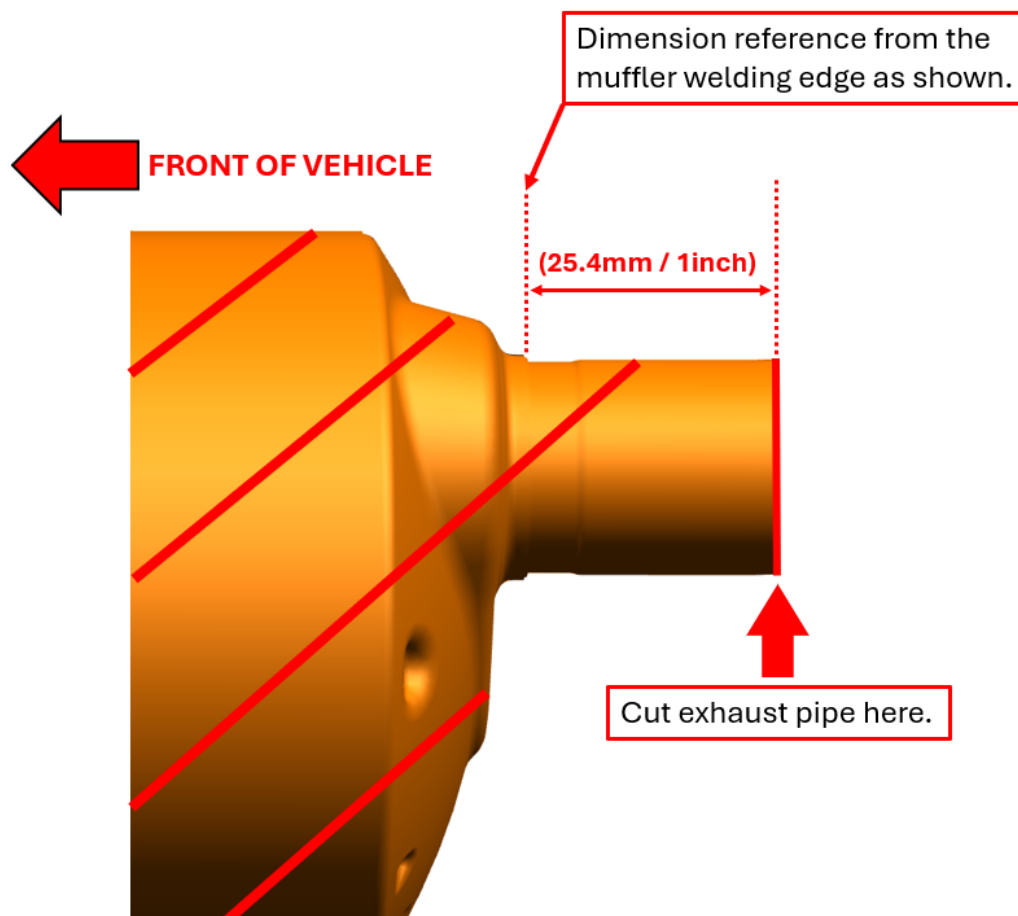
Note: Standard crewcab 5.5' bed model as shown, longer and shorter wheelbase vehicles follow the same process.

1. Cut the OEM resonator exhaust pipe (orange color) at the pipe location as shown below.

Note: Use the "REFERENCE DIAGRAM" below to locate the cut location. MAKE SURE TO MEASURE ACCURATELY!



OEM MUFFLER ON VEHICLE - BOTTOM VIEW

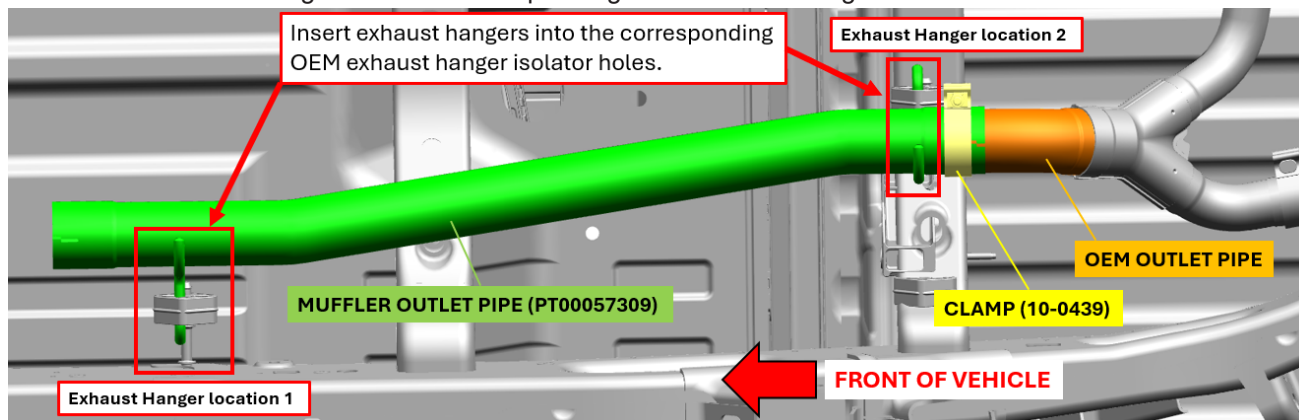


REFERENCE DIAGRAM

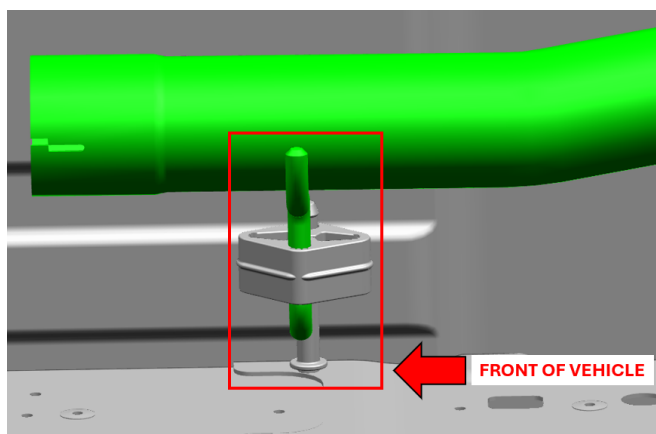
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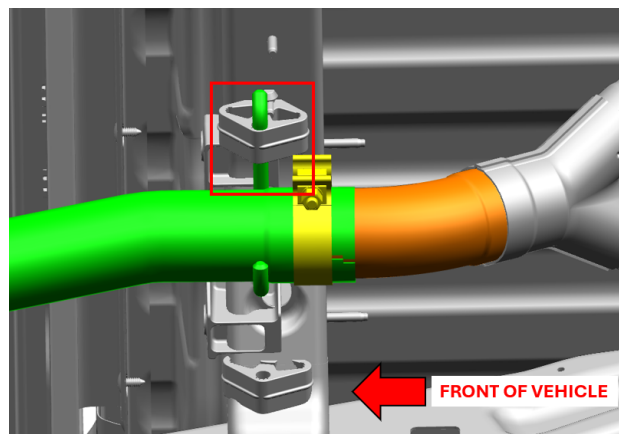
2. Install MUFFLER OUTLET PIPE (PT00057309, green color) onto the OEM outlet pipe (orange color) on vehicle using Qty.1 CLAMP (10-0439)(yellow color) as shown below. **ONLY TIGHTEN CLAMP, DO NOT TORQUE CLAMP YET!**
Note: Insert exhaust hangers into the corresponding OEM exhaust hanger isolator holes as shown below.



ROUSH EXHAUST ON VEHICLE - BOTTOM VIEW



EXHAUST HANGER LOCATION 1 - BOTTOM VIEW

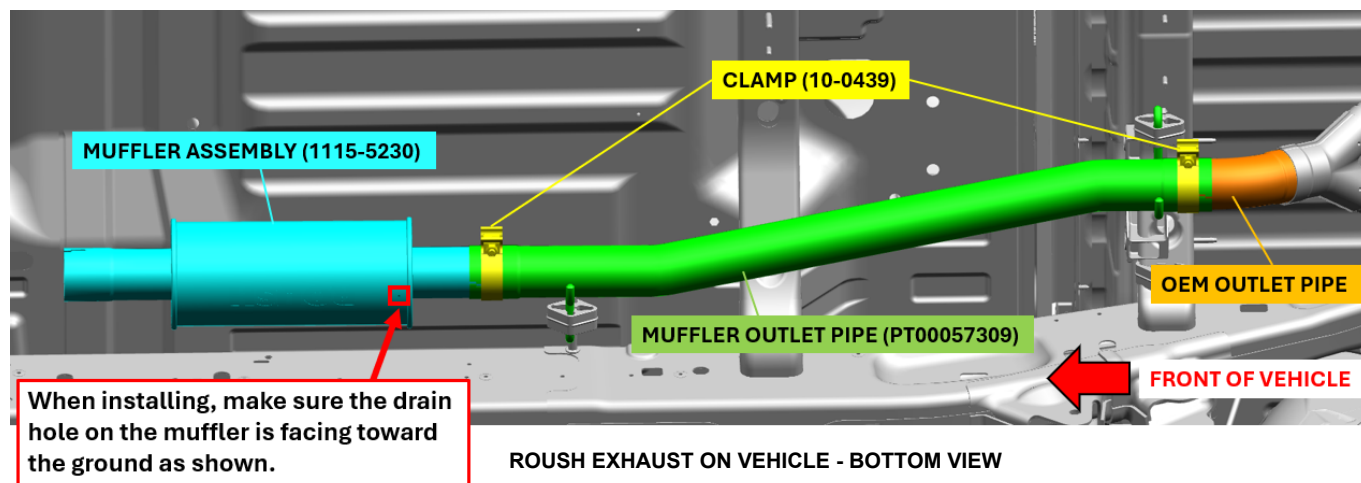


EXHAUST HANGER LOCATION 2 - BOTTOM VIEW

Important Note: Re-use the rubber isolator located on the OEM muffler hanger bracket driver side as shown above.

3. Install MUFFLER ASSEMBLY (1115-5230) onto the installed MUFFLER OUTLET PIPE (PT00057309) using Qty.1 CLAMP (10-0439) as shown below. **ONLY TIGHTEN CLAMP, DO NOT TORQUE CLAMP YET!**

Note: when installing, make sure the drain hole by the "ROUSH" logo on the MUFFLER ASSEMBLY (1115-5230) is facing towards the ground.

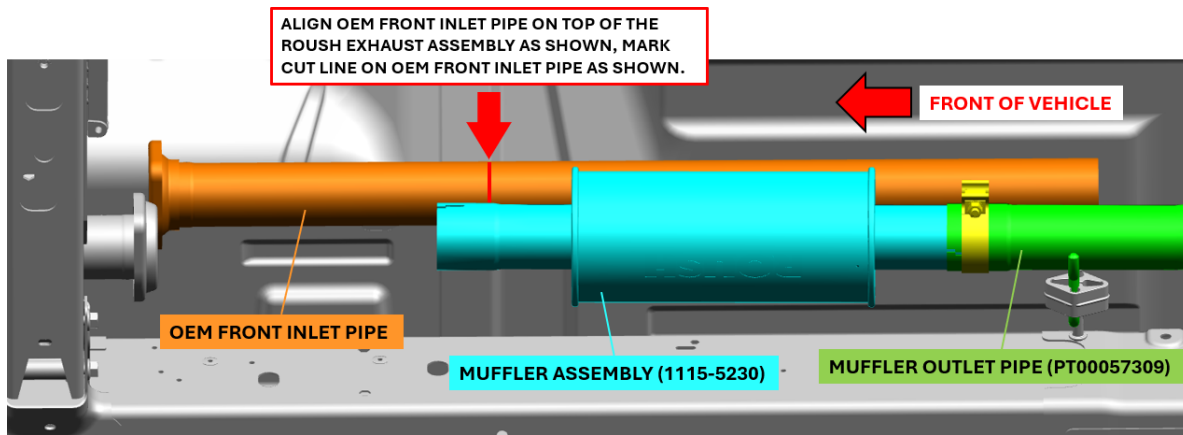


ROUSH EXHAUST ON VEHICLE - BOTTOM VIEW

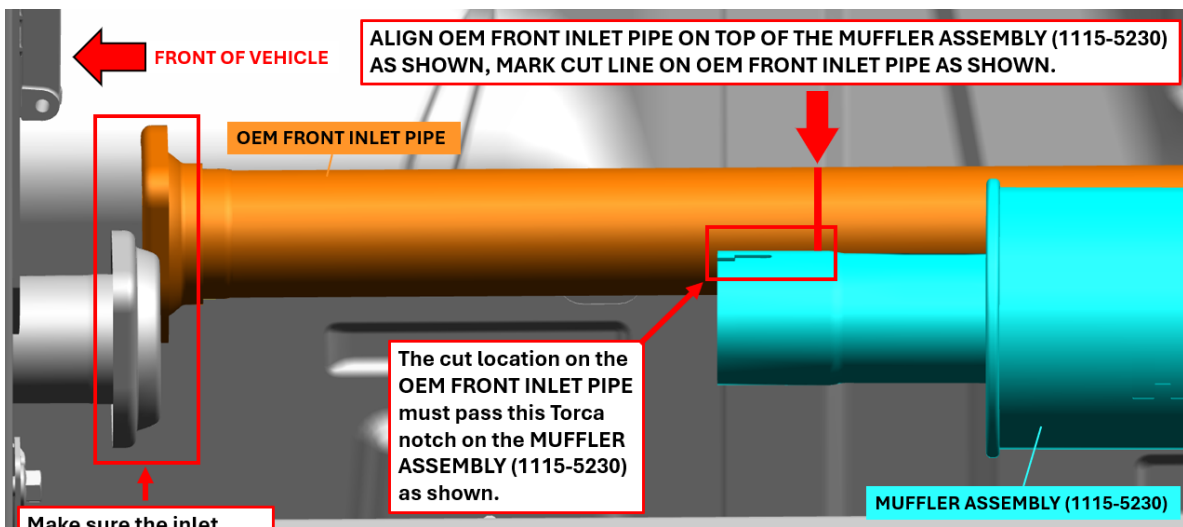
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4. Align OEM front inlet pipe (Take off part from SECTION A – DISASSEMBLY, STEP 1) (orange color) on top of the installed Roush exhaust assembly as shown below, mark cut line on the OEM front inlet pipe (orange color) using paint pen as shown.

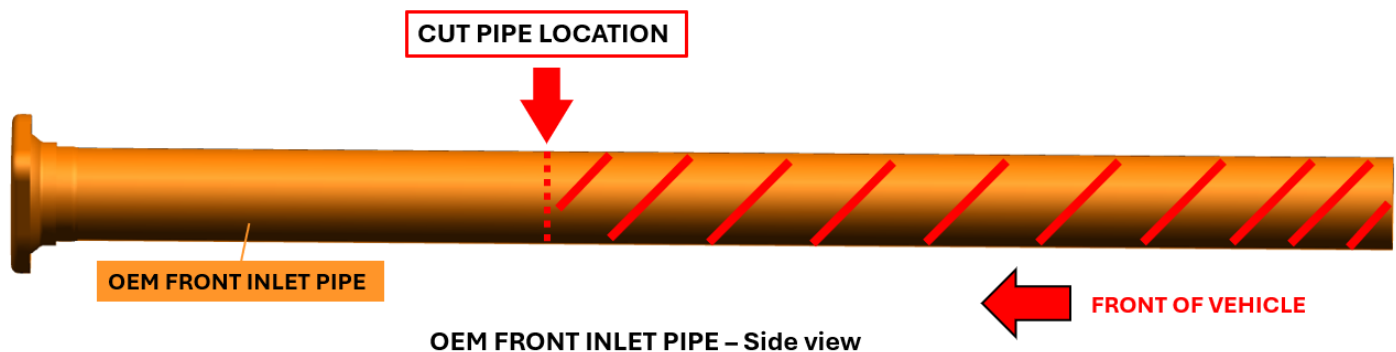


ROUSH EXHAUST ON VEHICLE - BOTTOM VIEW



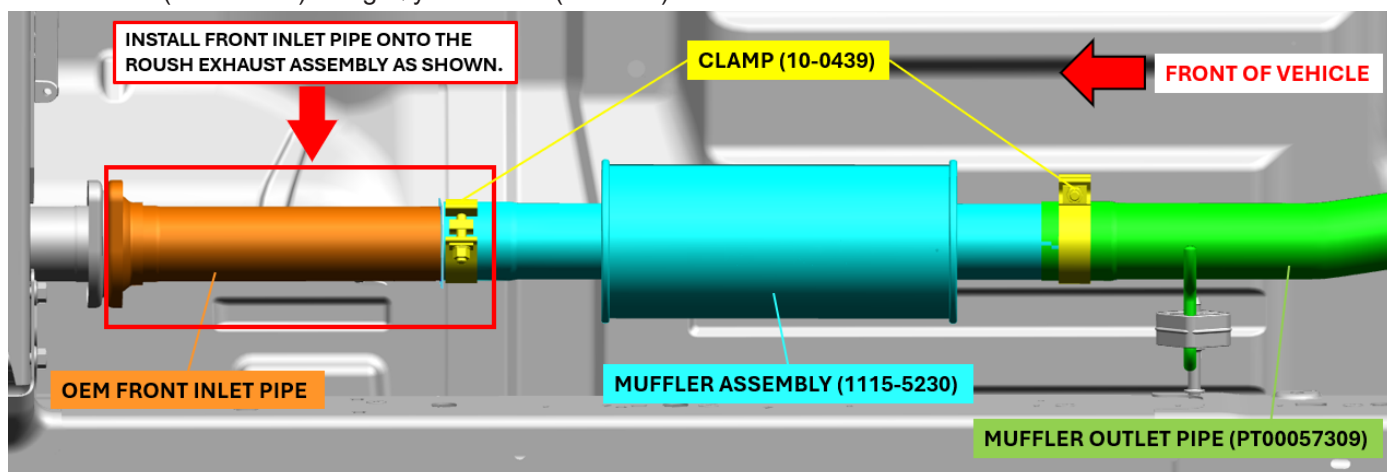
ROUSH EXHAUST ON VEHICLE - BOTTOM VIEW

5. Using the appropriate cutting method to cut off the extra length on the OEM front inlet pipe. Note: Make sure to use the cut line on the last step as reference.



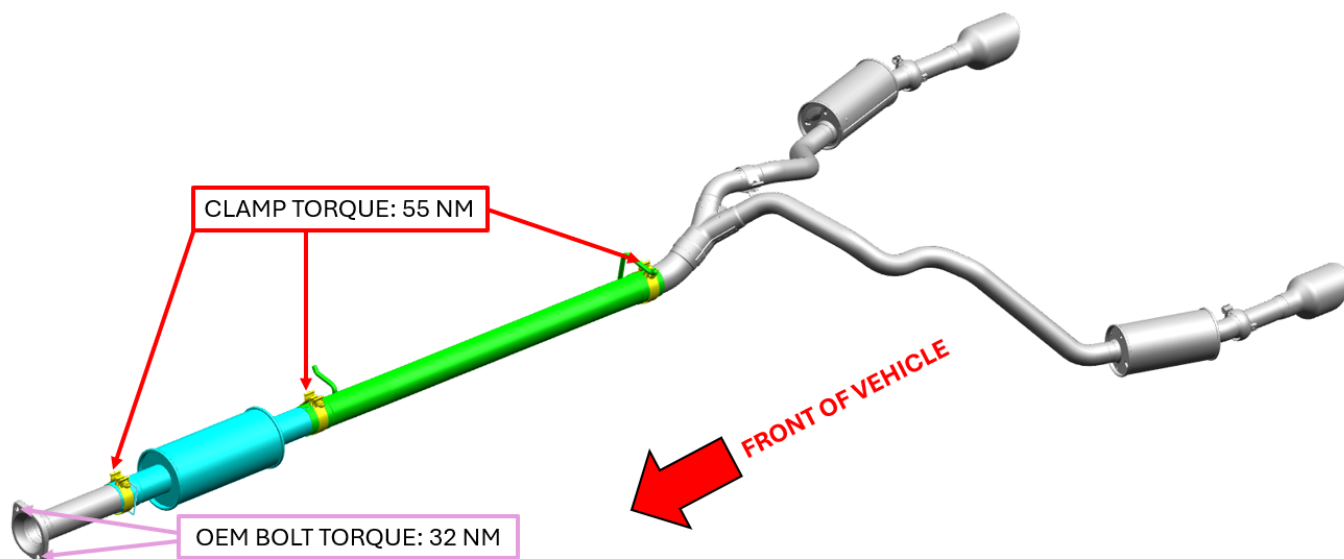
6. Install the modified OEM front inlet pipe onto the vehicle using OEM take off hardware (From SECTION A – DISASSEMBLY, STEP 1) and using Qty.1 CLAMP (10-0439) as shown below. **ONLY TIGHTEN CLAMP, DO NOT TORQUE CLAMP YET!**

Note: When the modified OEM front inlet pipe is correctly installed onto the vehicle: The front end should be installed onto the OEM flange face using OEM take off hardware, the rear end should be installed onto the MUFFLER ASSEMBLY (1115-5230) using Qty.1 CLAMP (10-0439).



Exhaust assembly – Side view

7. Torque the OEM exhaust inlet flange bolts to 32 Nm, then torque the Roush exhaust clamps (10-0439) to 55 Nm (start with the clamp located at the front of vehicle and work towards the back of vehicle) as shown below.



8. Start the vehicle and check for exhaust leaks. If leaks are present, adjust exhaust system to make sure the exhaust system is fully inserted into the defined vehicle location. Repeat the last step to re-torque the exhaust hardware.

Congratulations, the installation is complete!