

# 2015+ Mustang LoudMouth I™ and LoudMouth II™ Exhaust Kits

Installation Instructions

P/N: 620054, 620055, 620061, 620062  
(S1315-5231LM1, S1315-5231LM2,  
S1315S1-5231LM1, S1315S1-5231LM2)



\*LoudMouth II shown.



**LOUDMOUTH**<sup>™</sup>  
BY **SLP**<sup>®</sup>

39555 Schoolcraft Rd, Plymouth MI, 48170 | 855.757.7373

# 2015+ Mustang LoudMouth I™ and LoudMouth II™ Exhaust Kits

## Installation Instructions

P/N: 620054 (S1315-5231LM1-AA)

620055 (S1315-5231LM2-AA)

620061 (S1315S1-5231LM1-AA)

620062 (S1315S1-5231LM2-AA)

**Application:** 2015 Ford Mustang (5.0L V8, 3.7L V6, 2.3L I-4)

**Important Note:**

Before installing your LoudMouth™ exhaust, read through the entire installation procedure and check to make sure all items are present. Contact Customer Service at 1-855-757-7373, weekdays from 9:00 AM to 5:00 PM EST, with any questions regarding fit, missing parts or instructions that are unclear to you.

**TABLE OF CONTENTS**

Packing List for LoudMouth™ Exhaust Kits .....3  
Equipment and Supplies Required.....4  
Limit of Liability Statement.....4  
Safety Precautions .....4  
Work Safely! .....4  
Original Exhaust System Removal .....5  
LoudMouth™ Exhaust System Installation .....5

**NOTE:** All illustrations in this manual are representative of the 2015+ LoudMouth™ axle back exhaust systems.

**PACKING LIST FOR V8 LOUDMOUTH I™**

Description	Part Number	Quantity
<b>Exhaust Kit – V8 5.0L</b>	<b>S1315-5231LM1-AA</b>	
Muffler Assembly - LH	S1315-5232SP-AA	1
Muffler Assembly - RH	S1315-5230SP-AA	1
Exhaust Tips (Slash Cut)	310305080	2
Hardware kit	S1315-LMHWK-AA	1
Clamp – 2.5"	10-0338	4
Installation Insert	S1315-INST-AA	1

**PACKING LIST FOR V8 LOUDMOUTH II™**

Description	Part Number	Quantity
<b>Exhaust Kit – V8 5.0L</b>	<b>S1315-5231LM2-AA</b>	
Muffler Assembly - LH	S1315-5232LM2-AA	1
Muffler Assembly - RH	S1315-5230LM2-AA	1
Exhaust Tips (Slash Cut)	310305080	2
Hardware kit	S1315-LMHWK-AA	1
Clamp – 2.5"	10-0338	4
Installation Insert	S1315-INST-AA	1

**PACKING LIST FOR I-4/V6 LOUDMOUTH I™**

Description	Part Number	Quantity
<b>Exhaust Kit – I-4/V6</b>	<b>S1315S1-5231LM1-AA</b>	
Muffler Assembly - LH	S1315S1-5232SP-AA	1
Muffler Assembly - RH	S1315S1-5230SP-AA	1
Exhaust Tips (Slash Cut)	310305080	2
Hardware kit	S1315S1-LMHWK-AA	1
Clamp – 2.5"	10-0338	2
Clamp – 2.25"	94-0052	2
Installation Insert	S1315-INST-AA	1

**PACKING LIST FOR I-4/V6 LOUDMOUTH II™**

Description	Part Number	Quantity
<b>Exhaust Kit – I-4/V6</b>	<b>S1315S1-5231LM2-AA</b>	
Muffler Assembly - LH	S1315S1-5232LM2-AA	1
Muffler Assembly - RH	S1315S1-5230LM2-AA	1
Exhaust Tips (Slash Cut)	310305080	2
Hardware kit	S1315S1-LMHWK-AA	1
Clamp – 2.5"	10-0338	2
Clamp – 2.25"	94-0052	2
Installation Insert	S1315-INST-AA	1

## EQUIPMENT AND SUPPLIES REQUIRED

- 3/8" Drive Ratchet
- 3/8" Drive Extension – 3"
- 15 mm Socket
- Spray Lubricant (Soapy Water/Glass Cleaner)
- Reciprocating Saw (“Sawzall”)
- Marker

If you are missing any items, please call us toll free at 1-855-757-7373.

## 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. Street Legal Performance (SLP) reserves the right to revise the information presented herein or to discontinue the production of parts described at any time.

## SAFETY PRECAUTIONS



### **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.
- Keep 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!

### ORIGINAL EXHAUST SYSTEM REMOVAL

1. On both left and right sides, mark the exhaust pipe on the upstream side of the first bend – where the curve of the pipe becomes tangent with the rest of the upstream portion.



2. Cut the LH and RH exhaust pipes at the locations marked in Step 1 using a reciprocating saw with a metal blade.



3. With the pipe cut; slide the hanger out of the rubber mount and remove the muffler assembly from the vehicle.



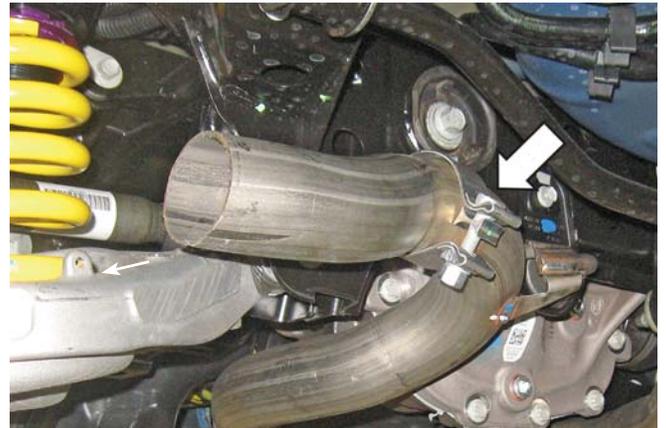
Please note that the removal process is identical for the left and right sides of the OEM exhaust. This concludes the removal process for the OEM axle-back exhaust.

### **⚠ 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 LoudMouth™ Exhaust Systems. Use of such tools may result in bent flanges or gasket contact areas leading to exhaust leaks.**

### LOUDMOUTH™ EXHAUST SYSTEM INSTALLATION

1. Remove any protective packaging covering from both the RH and LH LoudMouth™ Assembly.
2. Slide the provided band clamps (V-8: 10-0338) (I-4/V-6: 94-0052) over the original exhaust pipe, one on each side (LH and RH).



3. Insert the LoudMouth™ muffler hanger into the mount at the rear of the vehicle, and then slide the new pipe over the vehicle side pipe.



- Slide the band clamp over the joint in Step 3 and torque the 15 mm bolt to 30 Nm.



- Place the band clamp 10-0338 over the exhaust tip and slide the tip over the muffler. Torque the band clamp to 30 Nm once the tip is in position.



- Check the exhaust system for proper clearance under the vehicle and also for tip alignment as shown below. If alignment is off, loosen the required band clamp, adjust, and re-torque the band clamp.



- Once the desired position and alignment has been achieved, ensure all band clamps are torqued to 30 Nm.



- Before starting the vehicle, make sure to check all wires, hoses, brake lines, body parts, tires, and any other components for safe clearance from the exhaust system.
- Start the vehicle and check for any leaks. If any leaks are found, determine the cause (such as loose or incorrectly positioned clamp) and repair as necessary.

**Congratulations!!!** You have completed the installation of the LoudMouth™ Axle Back Exhaust Kit. It is recommended that you save all parts removed from your vehicle during the installation of this kit.

