

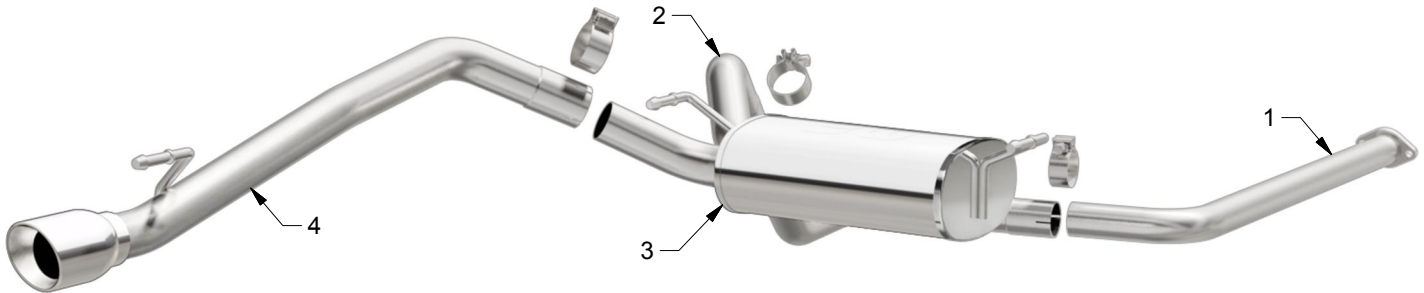


# INSTALLATION INSTRUCTIONS



'11 - '15 CHEVY CRUZE 1.4L/1.8L W/ RS APPEARANCE PKG | PART NO. 19168

## BILL OF MATERIALS:



1. INLET PIPE ASSEMBLY
2. MID PIPE
3. MUFFLER ASSEMBLY
4. TAILPIPE ASSEMBLY



WEAR SAFETY  
GLASSES



READ INSTRUCTIONS  
THOROUGHLY BEFORE  
INSTALLING PRODUCT

## SHOP SUPPLIES:



SPRAY LUBRICANT

To ease removal of existing exhaust components (especially on older vehicles) spray penetrating lubricant on all fasteners and hangers/insulators that will be loosened or removed and let soak before disassembly.

## HARDWARE KIT:

1. [3] 2.25" Clamp
2. [2] M8-1.25x35mm Bolt
3. [2] 3/8" Flat Washer

## MINIMUM REQUIRED TOOLS:



15mm  
13mm



Hanger Tool  
(Or Pry Bar)



Sawzall or similar  
cutting tool

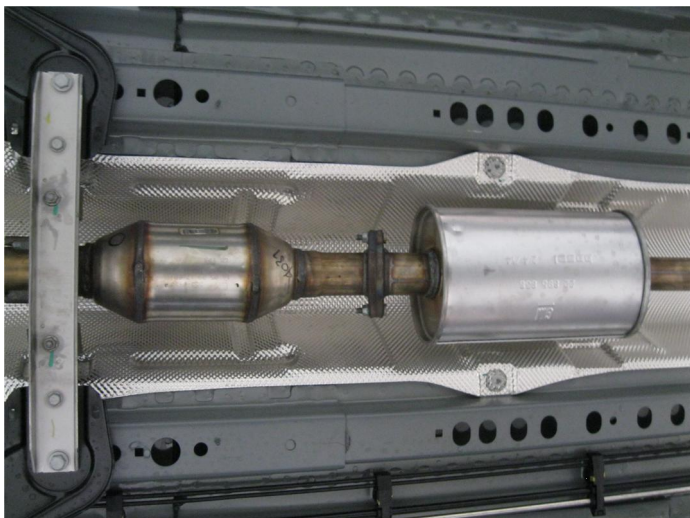
## **MAGNAFLOW RECOMMENDS PROFESSIONAL INSTALLATION ON ALL THEIR PRODUCTS**



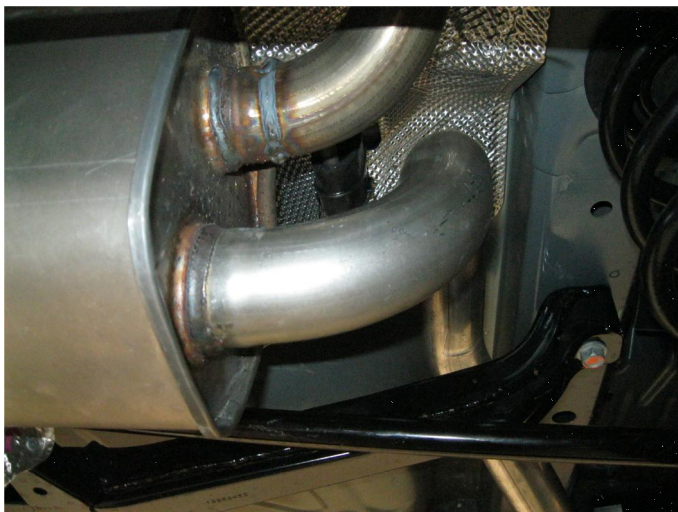
**WARNING:** When working on, under, or around any vehicle exercise caution. Please allow the vehicle's exhaust system to cool before removal, as exhaust system temperatures may cause severe burns. If working without a lift always consult vehicle manual for correct lifting specifications. Always wear safety glasses and ensure a safe work area. Serious injury or death could occur if safety measures are not followed.

**ATTENTION:** Always install any supplied band or U-bolt clamps to the proper torque specifications of 40-45 ft-lbs for band clamps and 30-35 ft-lbs for U-bolt clamps. Over tightening will result in the clamp breaking and will NOT be warranted by MagnaFlow.

## INSTALLATION INSTRUCTIONS



**Step 1.** To remove the OEM exhaust system, unbolt the flange attaching the systems inlet pipes to the catalytic converter outlet pipes. Disengage all welded hangers from the OEM rubber insulators. Do not discard the OEM fasteners or damage the rubber insulators as they will be needed to mount your new MAGNAFLOW system.



**Step 2.** You will need to cut the two pipes at the rear OEM muffler to remove the system.



**Step 3.** Install the new system by attaching the Inlet Pipe Assembly to the OEM catalytic converter outlet pipes using the OEM bolts and supplied hardware. Locate the welded hanger to the rubber insulator. Leave all clamps and fasteners loose for final adjustment of the complete system once installed.



**Step 4.** Install the Mid Pipe to the Inlet Pipe Assembly using the supplied 2.25" clamp. Next install the Muffler and Tail Pipe Assemblies in a similar fashion locating the welded hangers to the rubber insulators.





**Step 5.** Tail Pipe Assembly installed.



**Step 6.** Once a final position has been chosen for the new exhaust system, evenly tighten all clamps from front to rear using the torque specifications on page one of the instructions. Inspect all fasteners after 25-50 miles of operation and re-tighten if necessary.