



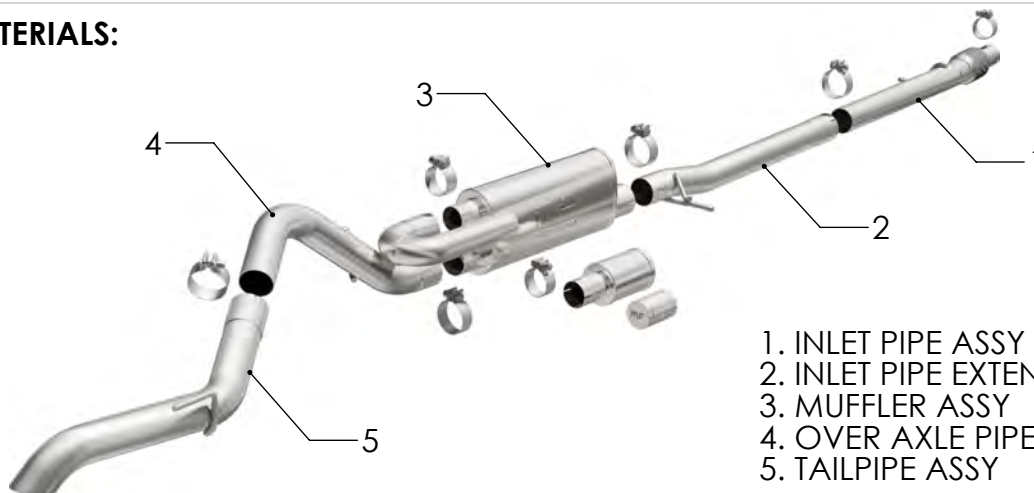
INSTALLATION INSTRUCTIONS



2019 FORD RANGER 2.3L OVERLAND

PART NO. 19605

BILL OF MATERIALS:



1. INLET PIPE ASSY
2. INLET PIPE EXTENSION ASSY
3. MUFFLER ASSY
4. OVER AXLE PIPE ASSY
5. TAILPIPE ASSY



WEAR SAFETY
GLASSES



READ INSTRUCTIONS
THOROUGHLY BEFORE
INSTALLING PRODUCT



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. [4] 3.00" Clamp
2. [3] 2.50" Clamp
3. [1] Pipe Cap

MINIMUM REQUIRED TOOLS:



13mm, 15 mm



Hanger Tool
(Or Pry Bar)

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-lb for band clamps and 30-35 ft-lb for U-bolt clamps. Over tightening will result in the clamps breaking and will NOT be warranted by MagnaFlow.

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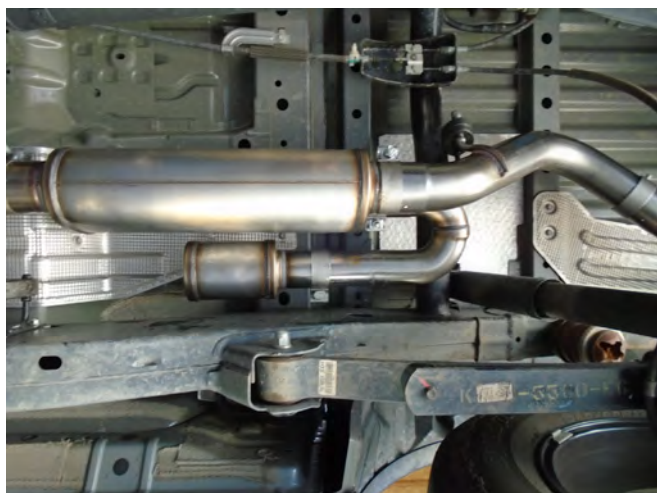
Step 1. To remove the OEM exhaust system disengage the welded hangers from the rubber insulators and remove the tailpipe assy. Unfasten the clamp attaching the OEM inlet pipe assembly to the catalytic converter. Do not damage or discard the inlet pipe clamp or rubber insulators as they will be re-used to mount the new system. Disengage the inlet pipe assembly hanger and remove the exhaust from the vehicle.

Step 2. To begin, loosely fasten the Inlet pipe assembly to the outlet of the OE catalytic converter using the Supplied clamp. Engage the welded hanger into the rubber insulator (Leave all clamps and fasteners loose for final adjustment of the complete system.)

INSTALLATION INSTRUCTIONS



Step 3. Next loosely attach the Inlet Extension Pipe Assembly to the Inlet Pipe Assembly using the supplied clamp. Engage the welded hanger to the rubber insulator.



Step 4. The Muffler is configurable to suit your sound and performance preference. Use the chart below as a guide. Install the Muffler inlet to the extension pipe outlet with the supplied clamp.

	MODERATE TONE: U-PIPE WITH NDT CHAMBER
	AGGRESSIVE TONE: U-PIPE WITH PIPE CAP
	MOST AGGRESSIVE TONE: ONLY PIPE CAP



Step 5. Loosely install the Over Axle Pipe and Tail Pipe Assemblies locating the welded hangers to the rubber insulators and secure using the supplied clamps.



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.