



# INSTALLATION INSTRUCTIONS



2015 - 2016 BMW 428i 2.0L GRAN COUPE

PART NO. 15386

## BILL OF MATERIALS:



- 1. INLET RESONATOR ASSEMBLY
- 2. MUFFLER 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. [1] 3.00" Clamp
- 2. [1] 3.20" Clamp
- 3. [3] M6-1.0X20mm Bolt

## MINIMUM REQUIRED TOOLS:



10, 13, 15mm T47, T60 Torx



Hanger Tool (Or Pry Bar)



Sawzall or similar cutting tool

## MAGNAFLOW RECOMMENDS PROFESSIONAL INSTALLATION ON ALL THEIR PRODUCTS



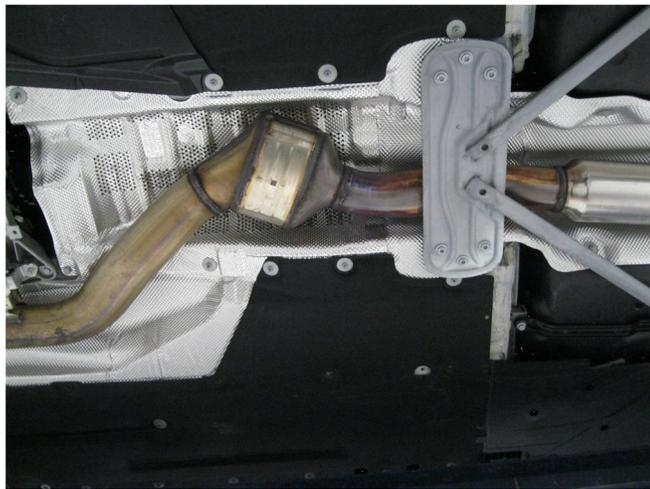
**WARNING:** When working on, under, or around any vehicle exercise caution. Please allow the vehicle's exhaust system to cool before removal, as exhaust system temperatures may cause severe burns. If working without a lift always consult vehicle manual for correct lifting specifications. Always wear 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.

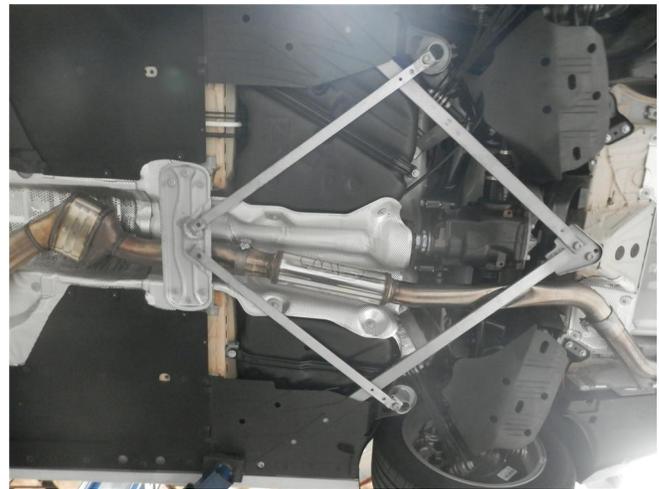
## INSTALLATION INSTRUCTIONS



**Step 1.** To remove the OEM exhaust system you will first need to unplug the exhaust valve control motor located on the OEM muffler assembly.



**Step 2.** You will need to cut the OEM exhaust pipe at the inlet weld of the stock resonator. 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. Once the OEM system has been removed you can unbolt the exhaust control valve motor. Be sure to retain the indexing spring shown in the diagram for Step 1.

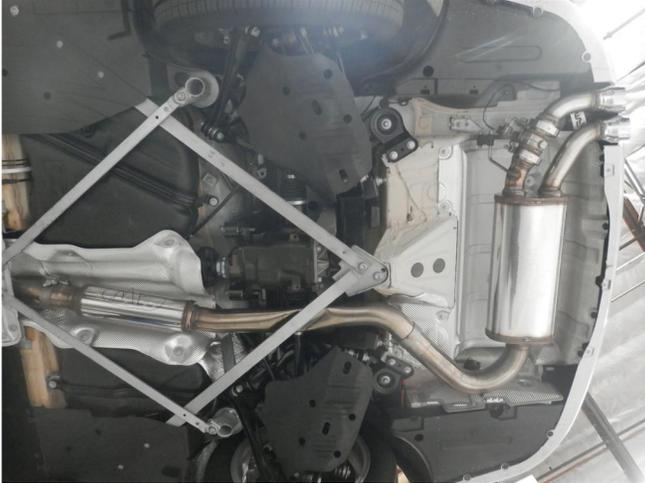


**Step 3.** Loosely install the Inlet Resonator Assembly using the supplied 3.25" clamp.

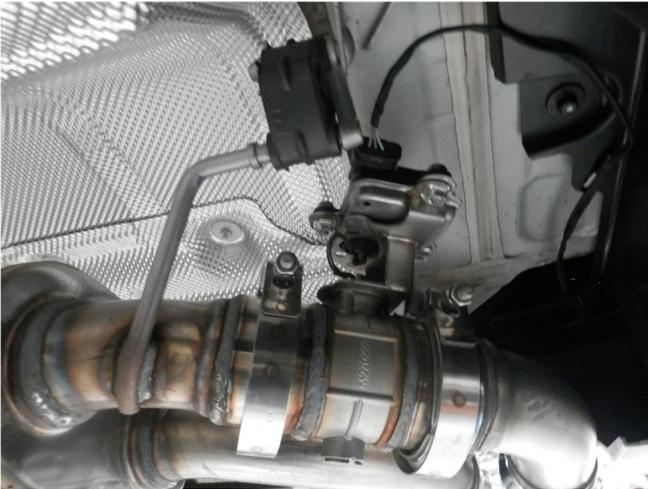


**Step 4.** At this point the OEM exhaust control valve motor can be bolted to the valve assembly on the new Muffler Assembly. Align the keyways in the valve motor and shaft of the new valve. Mate both keyway notches using the OEM indexing spring. Secure the valve motor using the three supplied mounting bolts. **\*\*NOTE: Do NOT loosen or undo the V-Band Clamps, they are designed for one time use only. Once the clamp is tightened it can not be reused.**

## INSTALLATION INSTRUCTIONS



**Step 5.** Loosely attach the Muffler Assembly to the Inlet Assembly using the supplied clamp. Engage all welded hangers to the rubber insulators.



**Step 6.** Re-attach the valve motor electrical plug.



**Step 7.** 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.