



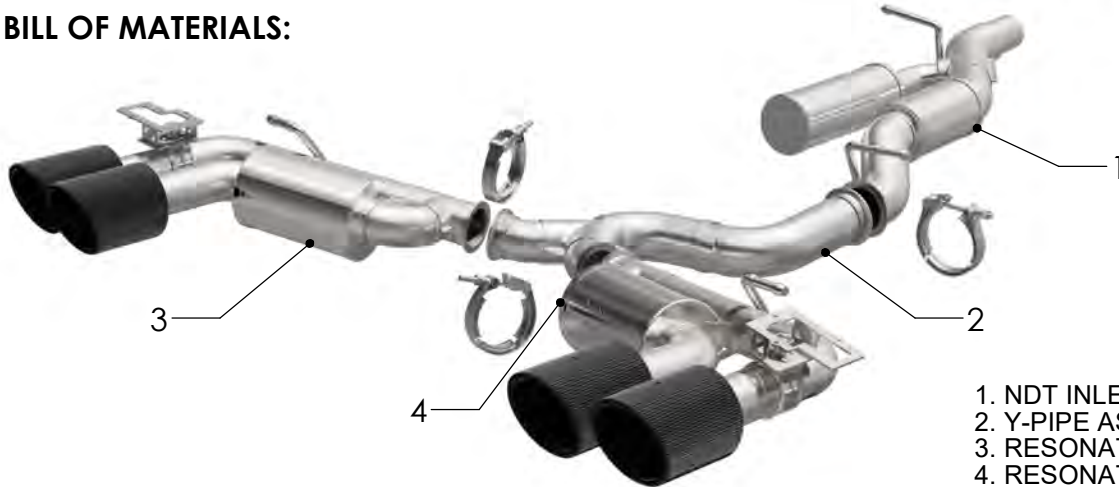
INSTALLATION INSTRUCTIONS



VOLKSWAGEN GOLF R 2.0L

PART NO. 19617

BILL OF MATERIALS:



- 1. NDT INLET ASSEMBLY
- 2. Y-PIPE ASSEMBLY
- 3. RESONATOR ASSEMBLY D/S
- 4. RESONATOR ASSEMBLY P/S



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. [1] 3.00" Band Clamp
- 2. [2] 2.50" Band Clamp
- 3. [6] Bolt M5-0.8x20mm
- 4. [6] Nut M5-0.8

MINIMUM REQUIRED TOOLS:



Saw/Cutting Device



15mm



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 V-band clamps to the proper torque specifications of 40-45 ft-lbs for band clamps and 70 in-lbs for V-band clamps. Over tightening will result in the clamp breaking and will NOT be warranted by MagnaFlow.

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INSTALLATION INSTRUCTIONS



Step 1. Before removing the OEM exhaust system you will need to unplug the electrical connectors for both exhaust control valves. These are located on the vehicles tail pipes.



Step 2. Begin removal of the OEM system by loosening the slip clamp at the vehicles exhaust inlet. Working front to rear disengage all welded hangers from the rubber insulators. Be sure to retain all mounting hardware as it will be needed to mount your new MAGNAFLOW exhaust.

Step 3. Once the OEM exhaust system has been removed undo the three nuts attaching each exhaust valve motor to the valve and remove.

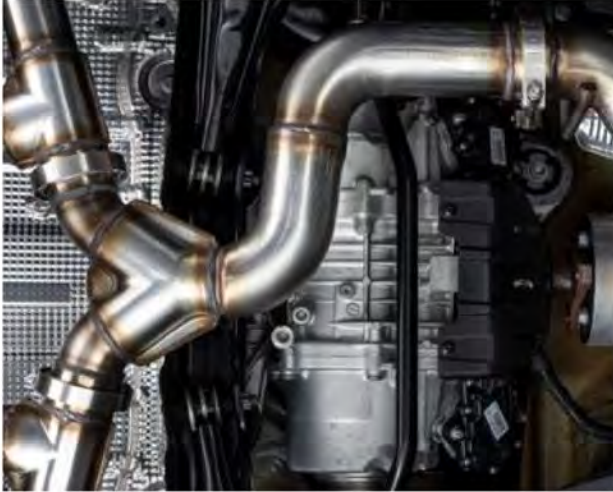


Step 4. Before installing your new exhaust system attach the OEM valve motors to each valve using the supplied hardware. The alignment spring on the motor will need to be engaged into the keyway slot of the new valve.



Step 5. Loosely attach the Inlet Pipe Assembly to the OEM slip clamp. Engage the welded hangers to the rubber insulators.

INSTALLATION INSTRUCTIONS



Step 6: Next loosely install the Y-Pipe Assembly using the supplied V-Band clamp.



Step 7. Loosely install the Resonator Assemblies using the supplied V-Band clamp. Attach the welded hangers to the rubber insulators. Re-attach both electrical connectors to the exhaust valve motors.

****NOTE: Take**

care when using the V-Band Clamps, they are designed for one time use only. Once the clamp is tightened it can not be reused.



Step 8: 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 these instructions. Inspect all fasteners after 25-50 miles for operation and re-tighten if necessary.