

### 2004-2008 BMW 645/650

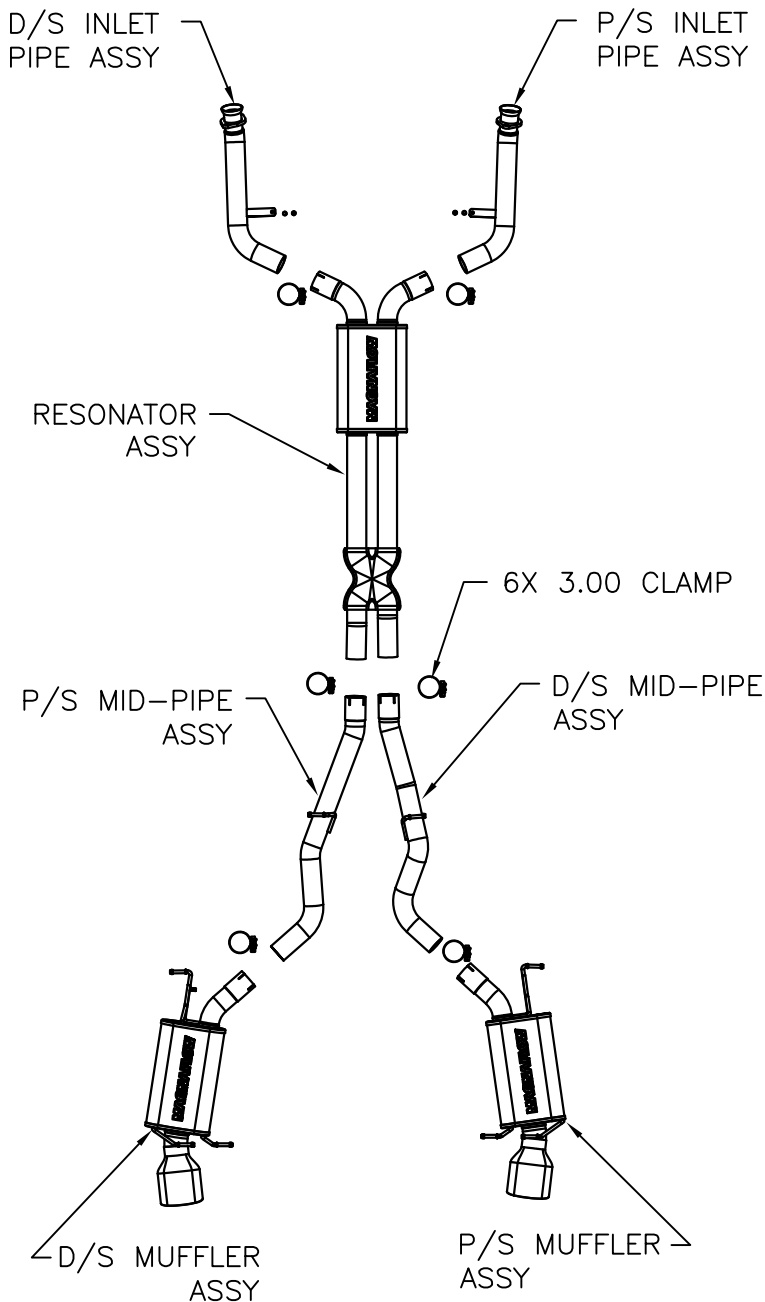
**Warning:** When working on, under, or around any vehicle exercise caution. Please allow the vehicle's exhaust system to cool before removal, as exhaust system temperatures may cause severe burns. If working without a lift, always consult vehicle manual for correct lifting specifications. Always wear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

**Step 1:** (Carefully read all instructions before installation) Begin removal of the OEM exhaust by removing the crossmember and chassis stiffeners. Next unbolt the flanges and hanger brackets behind the Catalytic Converters and the ground straps near the rear mufflers. Working front to rear disengage the welded hangers from the rubber insulators and extract the exhaust system from the vehicle. Do not discard the OEM fasteners or damage the rubber insulators, as they will be used to mount the new system

**Step 2:** Install the Inlet Pipe Assemblies by re-using the OEM fasteners at the front flange and the supplied fasteners for the hanger brackets. Next install the Resonator Assembly using the supplied 3.0" clamps, leave all clamps loose for final adjustments of the complete system. Working rearward install the remaining pieces using the OEM rubber insulators and the supplied clamps. Remember to re-attach the ground wires.

**Step 3:** With all components mounted loosely, adjust the system for overall aesthetics and clearance of frame & bodywork. (MAGNAFLOW recommends at least 1/2" of clearance between the exhaust system and any body panels to prevent heat-related body damage or fire.)

**Step 4:** Once a final position has been chosen for the new system, evenly tighten all fasteners from front to rear. The supplied band clamps must be VERY tight to properly align the pipes and prevent leaks (Approximately 65ft-lbs). Inspect all fasteners after 25-50 miles of operation and retighten if necessary.



\*MAGNAFLOW Performance Exhaust recommends professional installation on all their products