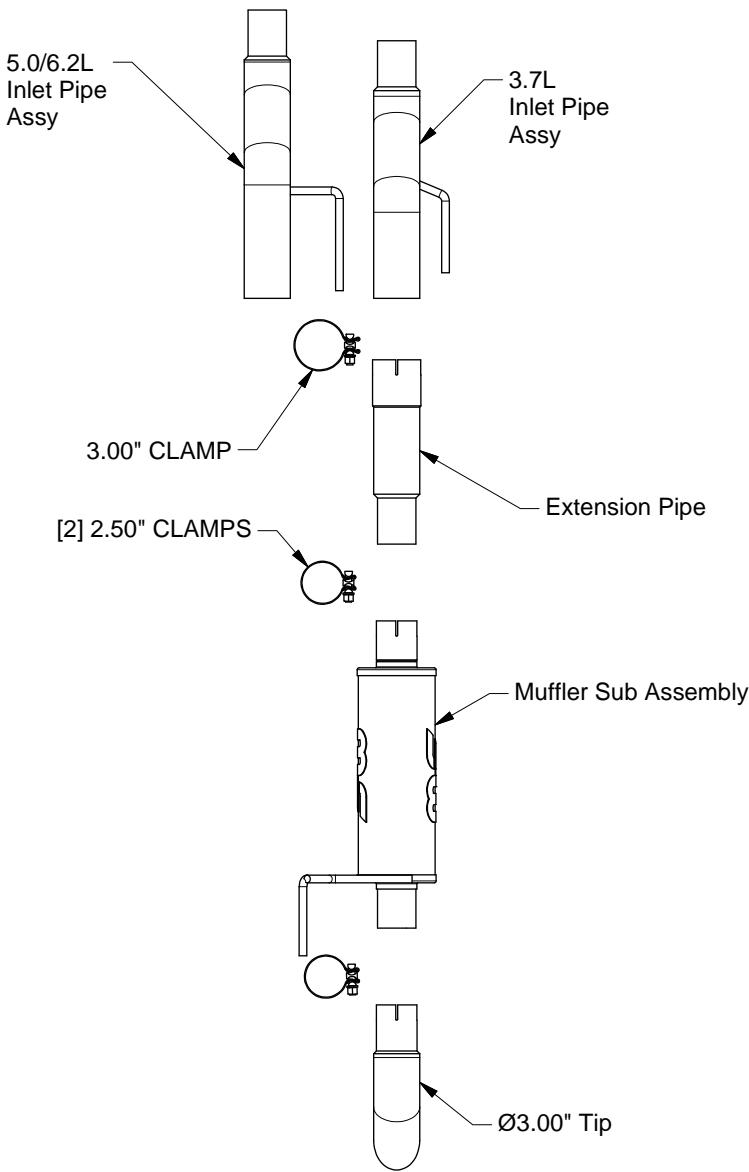


## 2011 Ford F150 Off Road Series



**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:** Remove the OEM exhaust system by first loosening the clamp attaching the inlet pipe to the catalytic converter. Working front to rear loosen all connecting band clamps. Carefully remove the hangers from the rubber isolators. Be sure to retain all mounting hardware as it will be used to install your new MAGNAFLOW performance exhaust system.

**Step 2:** Two Inlet pipes are provided in this kit, which one you use will be dependent on engine size. For 3.7L (V6) trucks you use the shorter 17" pipe, for 5.0/6.2L (V8) vehicles use the longer 19". To begin fasten the Inlet Pipe Assembly to the catalytic converter extension using the OEM clamp assembly and by fitting the welded hanger into the OEM rubber insulator (Leave all clamps and fasteners loose for final adjustment of the complete system.) Install the Extension Pipe, Muffler Sub Assembly and Tip in the same fashion using the supplied clamps.

**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 40ft-lbs). U-bolt clamps should be tightened to approximately 30-35ft-lbs. Inspect all fasteners after 25-50 miles of operation and retighten if necessary.

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