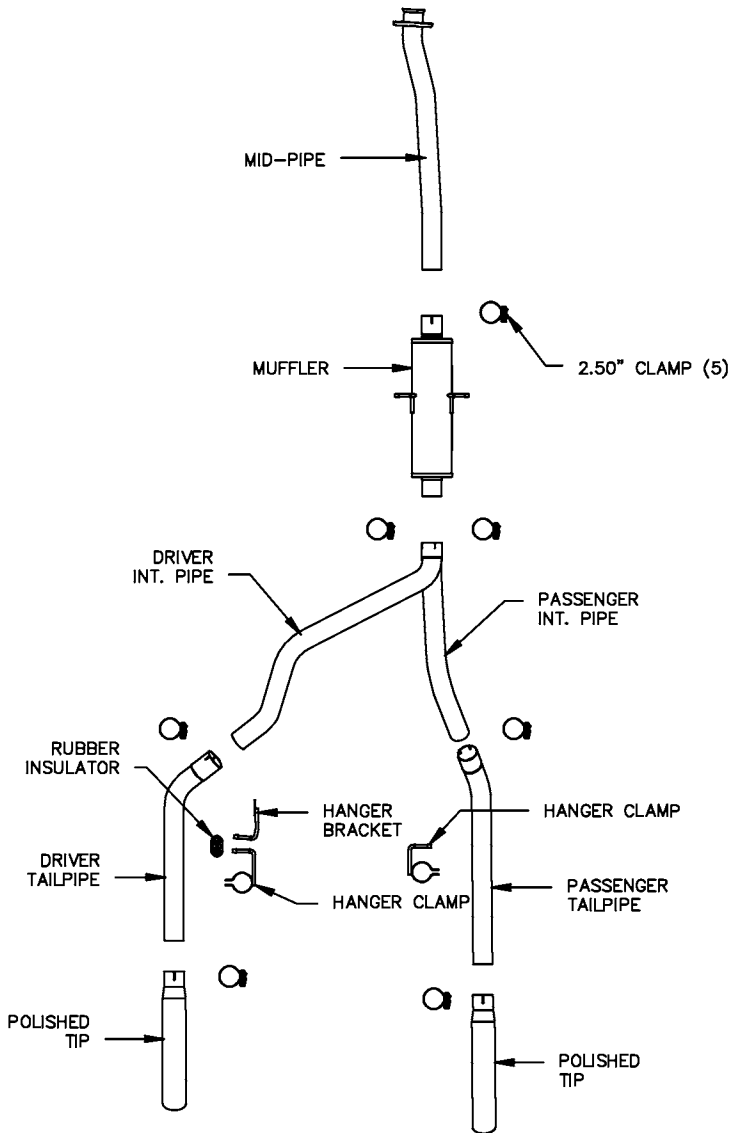


### 98–11 Ford Ranger V6 3.0/4.0L Dual System Ext. Cab Short Bed

#### DIAGRAM 1



**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 safe work area. Serious injury or death could occur if safety measures are not followed.

**Note:** MAGNAFLOW Performance dual exit truck systems are designed to fit stock-height vehicles with OEM hitches and spare wheel and tire combos. Vehicles with aftermarket components such as trailer hitches, larger spare wheel and tire, or ride height changes may require modification of the exhaust system for a proper fit and finish.

**Step 1:** (Carefully read all instructions before installation) To remove the OEM exhaust system, you will need to cut the tailpipe about 1" behind the muffler and extract it towards the rear of the vehicle. Unbolt the front extension pipe from the catalytic converter and remove it from the OEM rubber insulators (Do not discard the OEM fasteners, as they will be re-used to mount the new system.) Remove the muffler and tailpipe from the rubber insulators, as they will be re-used to mount the new system.

**Step 2:** Begin installation by clamping the new mid-pipe to the catalytic converter extension using the supplied 2.50" clamp. Be sure to line up the notch at the front of the mid-pipe with the peg on the catalytic converter extension. Leave all fasteners loose for final adjustment. Install the muffler by fitting the welded hangers into the OEM rubber insulators and by fitting it to the mid-pipe with the supplied 2.50" clamp. Install the intermediate pipes using the supplied clamps as shown in diagram #1. Install the bracket hanger to the frame as shown in diagram #2, attach the supplied rubber insulator to bracket hanger. Then install the tailpipes by fastening the tailpipe inlets to the intermediate pipes with the supplied 2.50" clamps, and by fitting the tailpipe hangers into the rubber insulators. Due to different available rear fascias, the polished tips are supplied loosely so they can be welded to the tailpipe for proper fit and finish.

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

Technical support: 1-800-959-9226 ext. 4500

MAGNAFLOW Performance Exhaust – 22961 Arroyo Vista – Rancho Santa Margarita, CA 92688

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### DIAGRAM 2



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**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 (not hanger clamps) must be VERY tight to properly align the pipes and prevent leaks (Approximately 40ft-lbs). Inspect all fasteners after 25-50 miles of operation and retighten if necessary.

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