



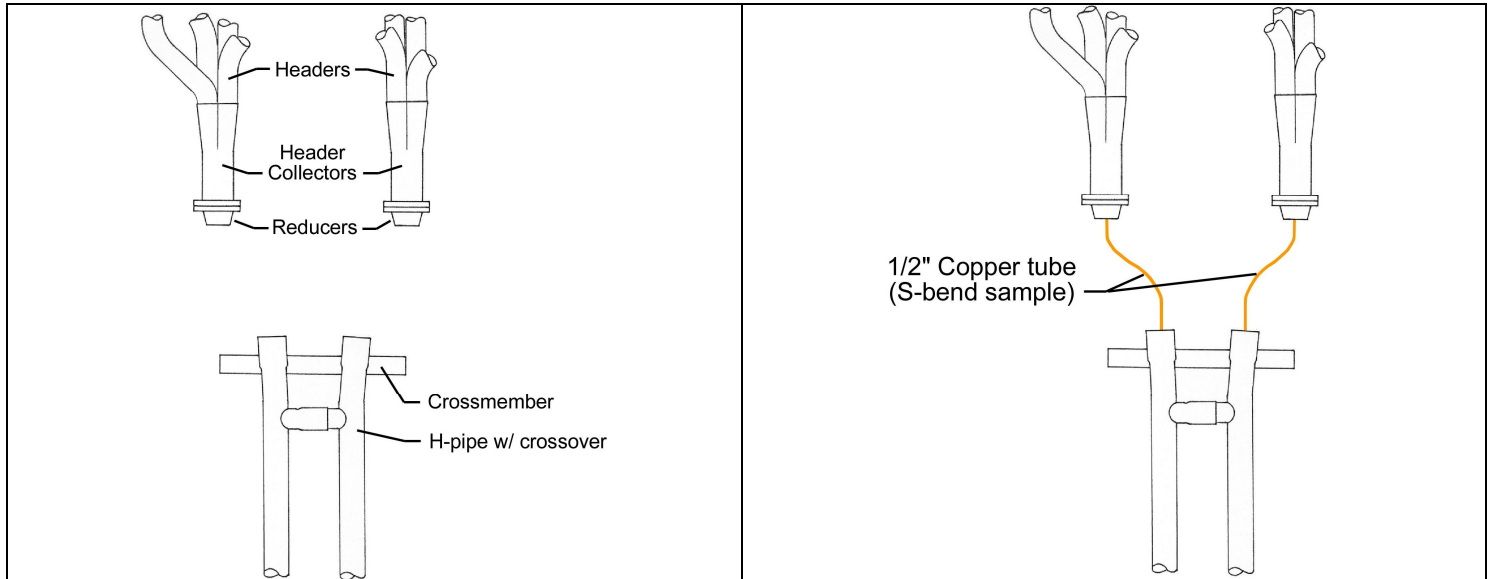
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Sheet #91 (FN #1b)  
**Universal Shorty Header Adapter  
Fabrication Instructions**

We suggest the following method to custom fabricate your own Shorty Header Adapters from the header collectors to the TTi H-pipe or X-pipe.

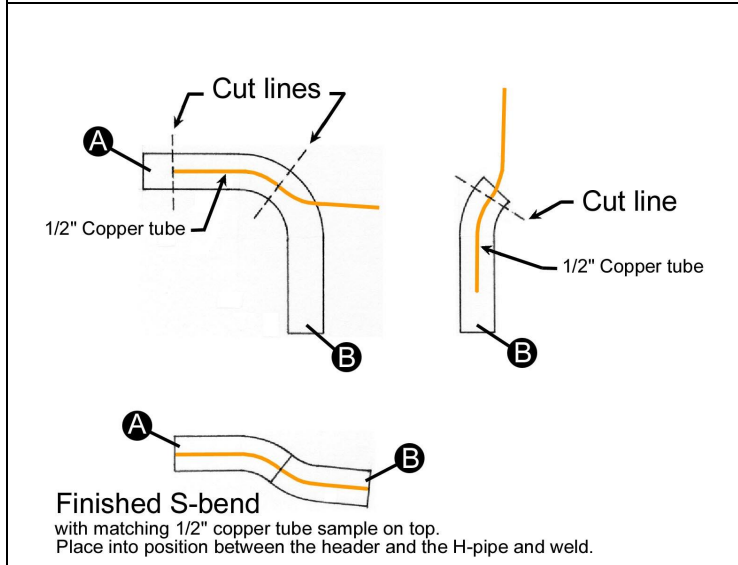
Universal Shorty Header Adapter Kits include: (4) 2.5" 16ga. 90° bends with 6" legs & (2) 2.5" 2-bolt 3/8" thick flanges.

All header collectors are not in the same location. The illustrations are to give you a general idea of what the finished product looks like. Your custom adapters may look somewhat different.

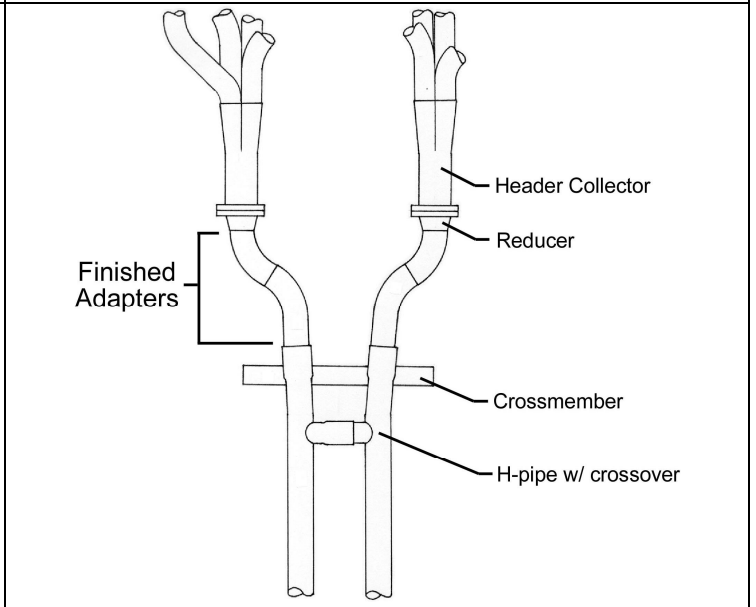


**1.** Install the exhaust system on your vehicle. Start with the tailpipes and work forward. Be sure the entire system is aligned properly and has adequate clearance near brake lines, fuel lines and wiring. With the exhaust system completely mounted, you are now ready to fabricate your header adapters.

**2.** Adapters are usually a slight S-bend shape. An easy method of determining the S-bend shape required for your particular application is to bend a soft 1/2" diameter copper tube to fit from the center of your collector outlet to the center of the slip at the front of the H-pipe.



**3.** Place the S-bend shaped copper tube on top of the mandrel bent 90 degree elbow and mark the bend for cutting. Cut and debur. Tack weld or tape together bends to check fit on your vehicle. Tack welding is suggested for best way to an exact fit.



**4.** Complete fitting both sides and finish by welding together. The reducers are welded to the S-bends and the H-pipe is clamped to the S-bends.