

Making a Yanmar Exhaust Elbow

I am not a great drawer - this is "sort of" to scale

Parts needed -

- Schedule 40 National Pipe Thread (NPT) black pipe **1.5 inch**
- Parts are available at any plumbing supply or Home Depot
- Two 90 degree elbows
- One 2 inch nipple (that's just a 2 inch section of pipe that's threaded - common part)
- One 3 inch nipple
- One 6 inch long piece of pipe threaded at least at one end but provides better grip for exhaust hose if threaded at both ends
- Remove the bronze nipple (easy just screws out) from your bad original Yanmar elbow.

Remove defective Yanmar exhaust elbow - easy to do by removing the cast exhaust manifold (#1 in sketch) that is held on by 4 bolts. Try to be gentle when you take it off to save the gasket.

Unscrew elbow and joiner piece from Manifold.
Then assemble in order shown (2-9)

NOTE - Water Injection #7 is shown so you can visualize BUT it should be 90 degrees (on the back of the pipe) so you can get your water hose to it.

I buy exhaust wrap (for heat) and you can get it at motorcycle shops or muffler shops (\$10-) and wrap the pipe.

CAUTIONS: I understand that galvanized pipe releases a gas for the first hours when it's hot. I am simply passing along information that I found by searching online. I have used this 4 times. The last Yanmar I did this on was a Bayfield 29 that was then motored from the Bahamas to Key West then up to Detroit (ICW). System has worked well.

INSPECT OFTEN for signs of rust or perforation.

