

MASTERCRAFT TECHNICAL TECHNIQUES

Project:	Depth Finder Installation
Model Year(s):	2004, 2005
Model(s):	All models
Tools Needed:	Phillips head screwdriver; crimp pliers; disposable cardboard
Parts Needed:	Epoxy; cream hardener; black spray paint; one (1) transducer (#501924); one (1) depth module with harness (#509129); four (4) 6-32x3/4" round head screws

Step 1: Mix epoxy with a squeeze of cream hardener on a piece of cardboard.

Step 2: Applying the mixed epoxy and cream hardener to the port side of the shaft log and centered in the molded inset with the flat end of the transducer facing down.

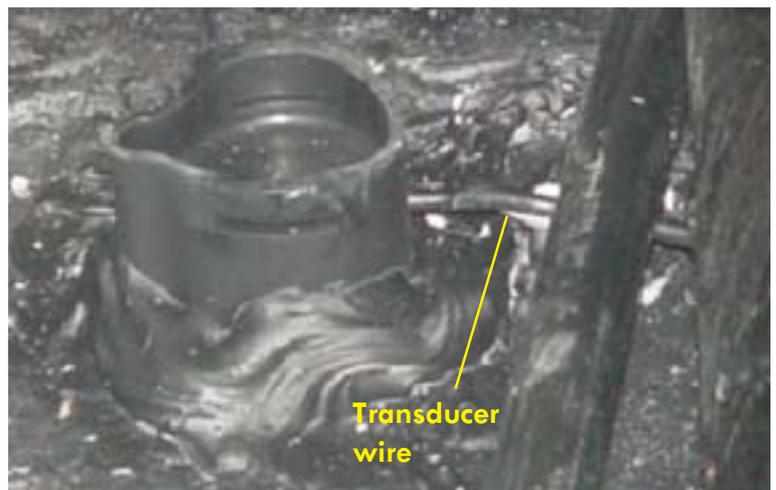
Step 3: Press the transducer onto the mix and smooth the mix around the sides of the transducer.

Step 4: Use black spray paint to cover the mix so it matches the hull floor.

Step 5: Route the transducer wire through the wiring thru-hull on the starboard side front of the bilge area.

Step 6: Pull the transducer wire through the wire chase to underneath the dash.

Transducer location



Step 7: Disconnect the boat's power system.

Step 8: Unplug the MMDC 24-pin harness from the MMDC box located on the kick panel beneath the dash.

Step 9: Install the depth module next to the MMDC on the kick panel, using four screws.

Step 10: Connect the transducer wire to the depth module's transducer connection.

Step 11: Connect the depth module harness to the pre-wired harness connection from the dash.

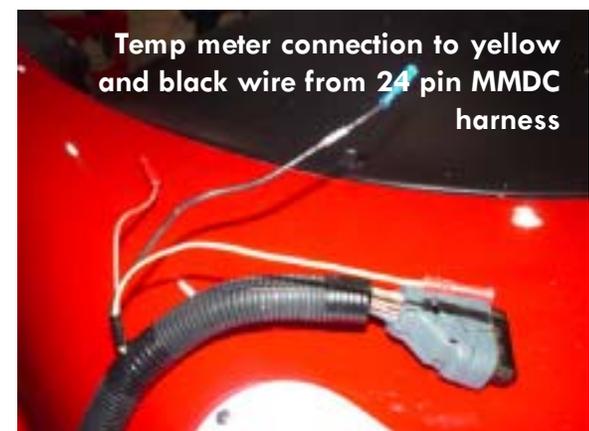
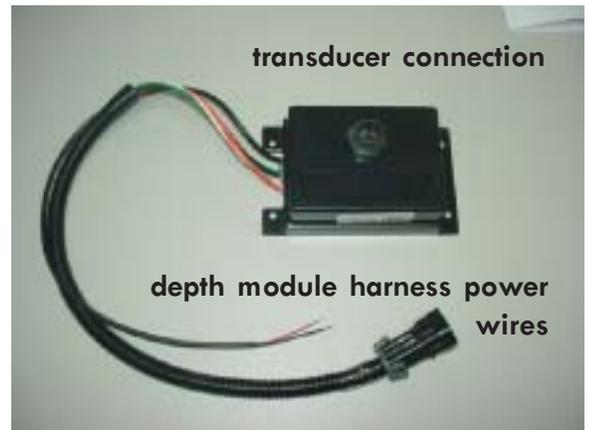
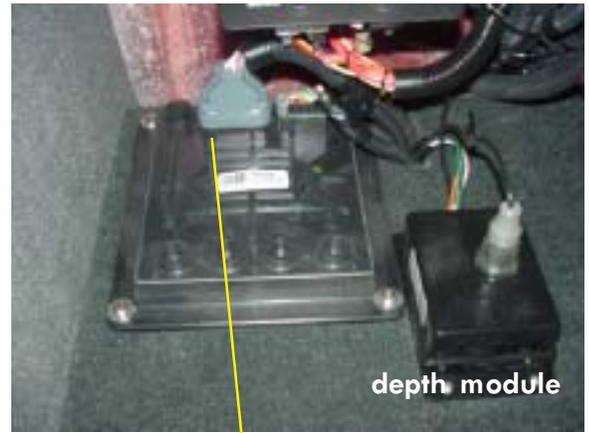
Step 12: Connect the depth module red (hot) and black (ground) wires to the **pre-wired labeled** red and black wires using the crimp caps.

Step 13: Connect the temperature meter to the yellow and black wires (wire #3) on the 24-pin MMDC harness, using the crimp caps.

Step 14: Plug the 24-pin harness back into the MMDC.

Step 15: Zip-tie the temperature meter underneath the dash.

Step 16: Re-connect the power.



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