

Connecting Your Die Cast Machine to the FasTrak2 Portable

Introduction

The following describes how to connect the position transducer, pressure transducers and cycle start signals to your FasTrak2 Portable.

The plugs for connecting these inputs to the FasTrak2 Portable are located on the side of the box as shown in the following photo.



FasTrak2 Portable Input Plugs

You can connect these to the die cast machine in either of two ways.

1. Cables can be run from the FasTrak2 Portable directly to the sensors on the die cast machine.
2. The cables from the die cast machine can be run to plugs mounted on the main panel of the die cast

machine, as shown in the following photo. When the FasTrak2 Portable is to be connected to the die cast machine it's cables can be connected directly to these plugs on the main panel.



Plugs for the cycle start and position and pressure transducers mounted on the main panel of the die cast machine

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Connecting Directly to the Visi-Trak® Position Transducer

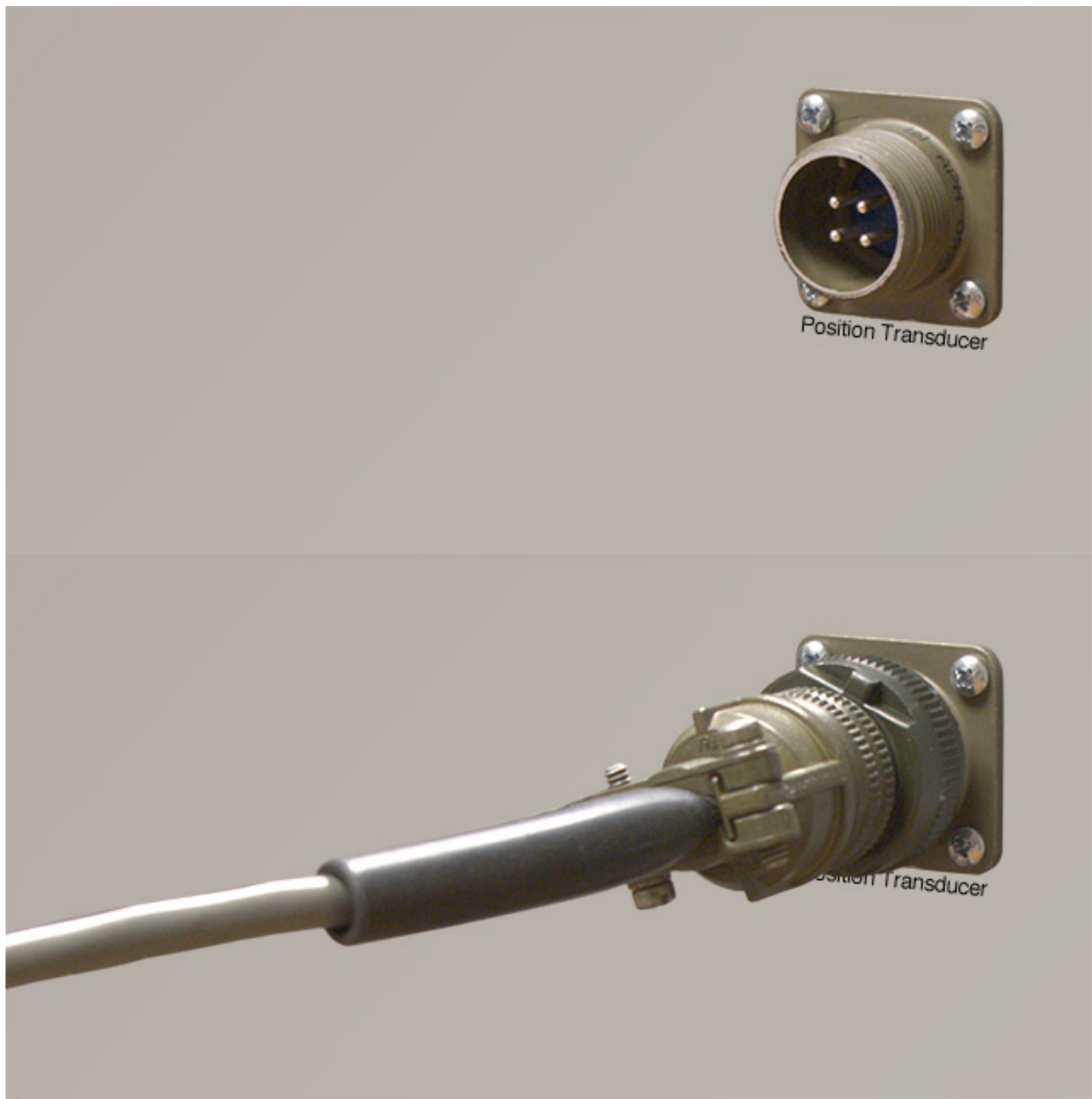
Both of the connectors on the cable for the position transducer are identical so it doesn't matter which you connect to the sensor.

One end screws into the four pin plug on the top of the Visi-Trak® position transducer





The other end screws onto a similar four pin plug on the FasTrak2 Portable, as shown in the following two photos.

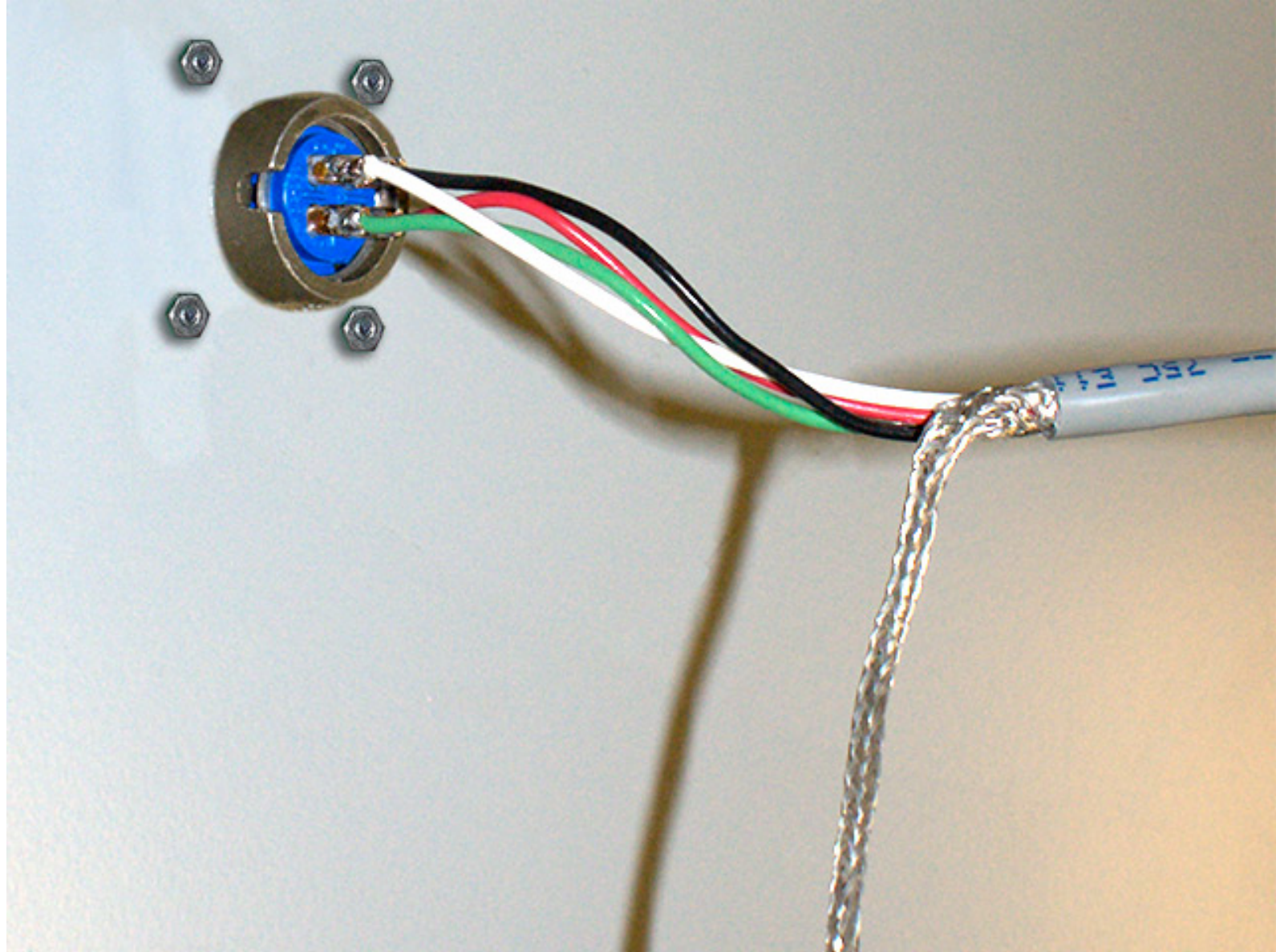


Connecting to the Visi-Trak® Position Transducer Via Plugs on the Main Panel of the Die Cast Machine

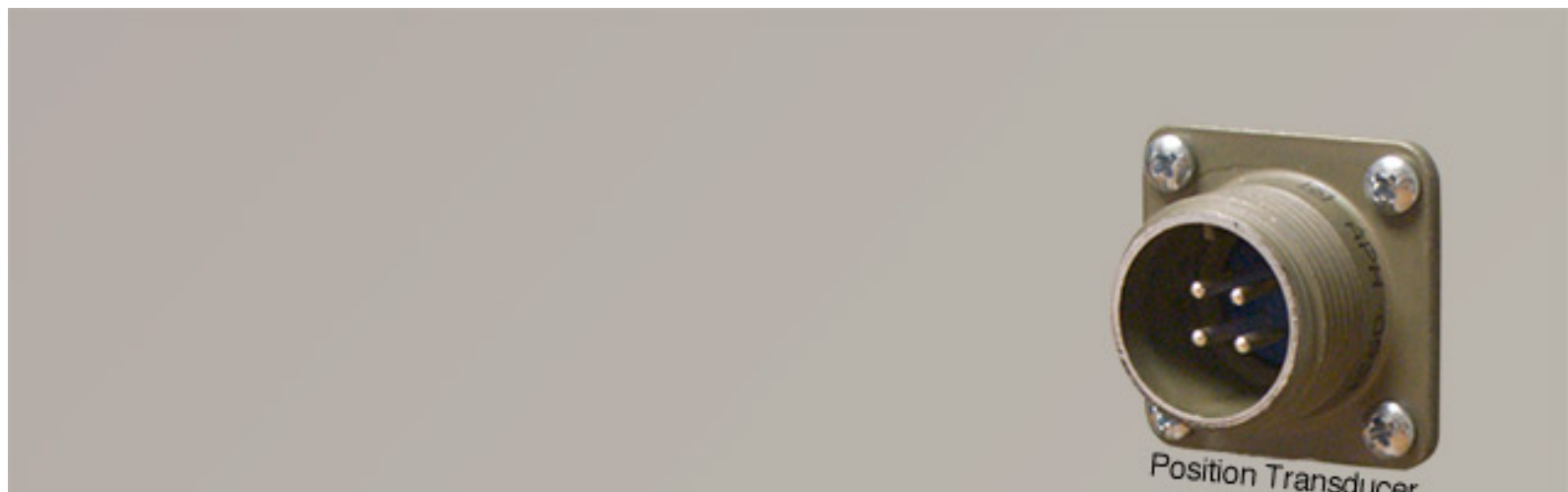
If you want to be able to connect the FasTrak2 Portable to plugs on the main panel of the die cast machine you will need to plug one end of the cable into the four pin plug on the top of the Visi-Trak® position transducer, as shown below (this is the same as the previous method).

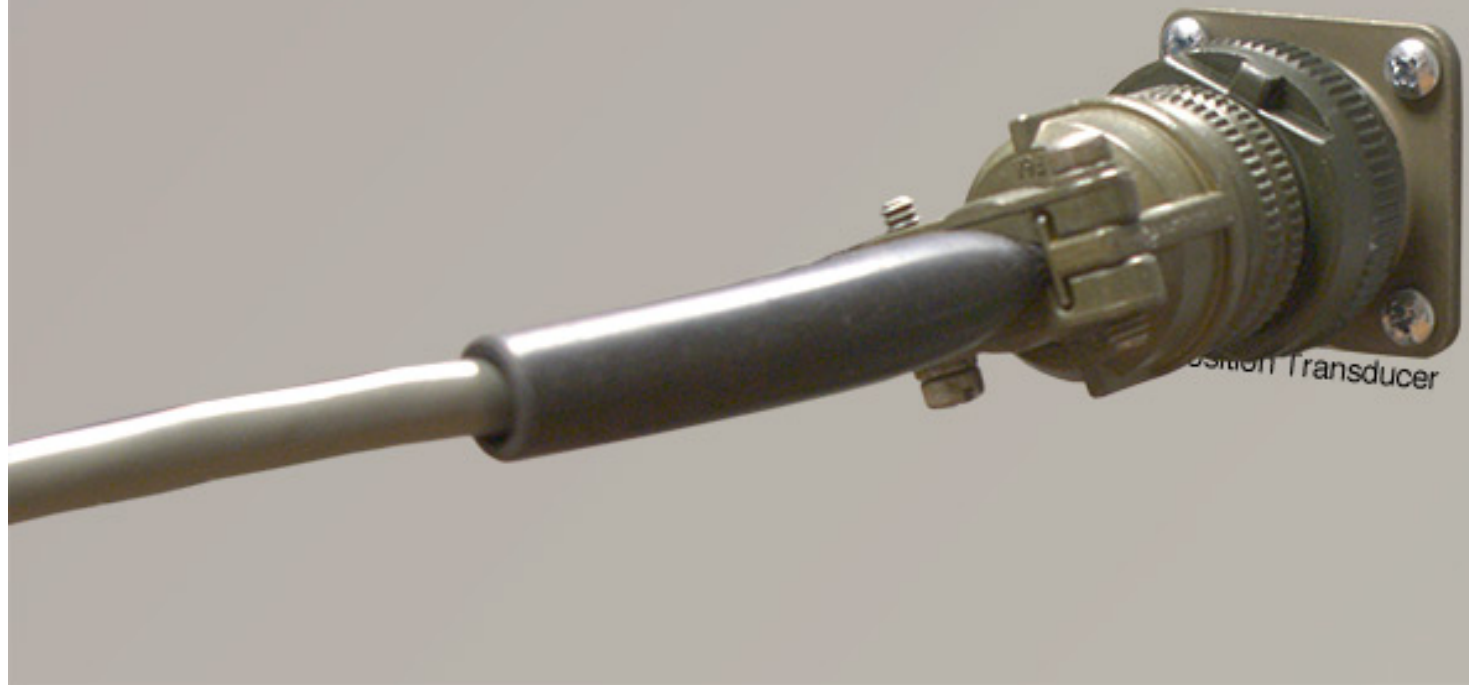
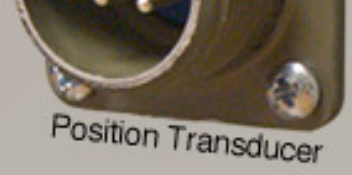


The other end of this cable will not have a connector on it. Instead you must solder the wires to the four pin plug that is mounted on the main panel of the die cast machine as shown in the following photo. This view shows the back of the plug that protrudes into the inside of the panel.



The cable from the FasTrak2 Portable will have male 4 pin connectors on each end and will connect the four pin plug on the main panel to the four pin plug on the FasTrak2 Portable.

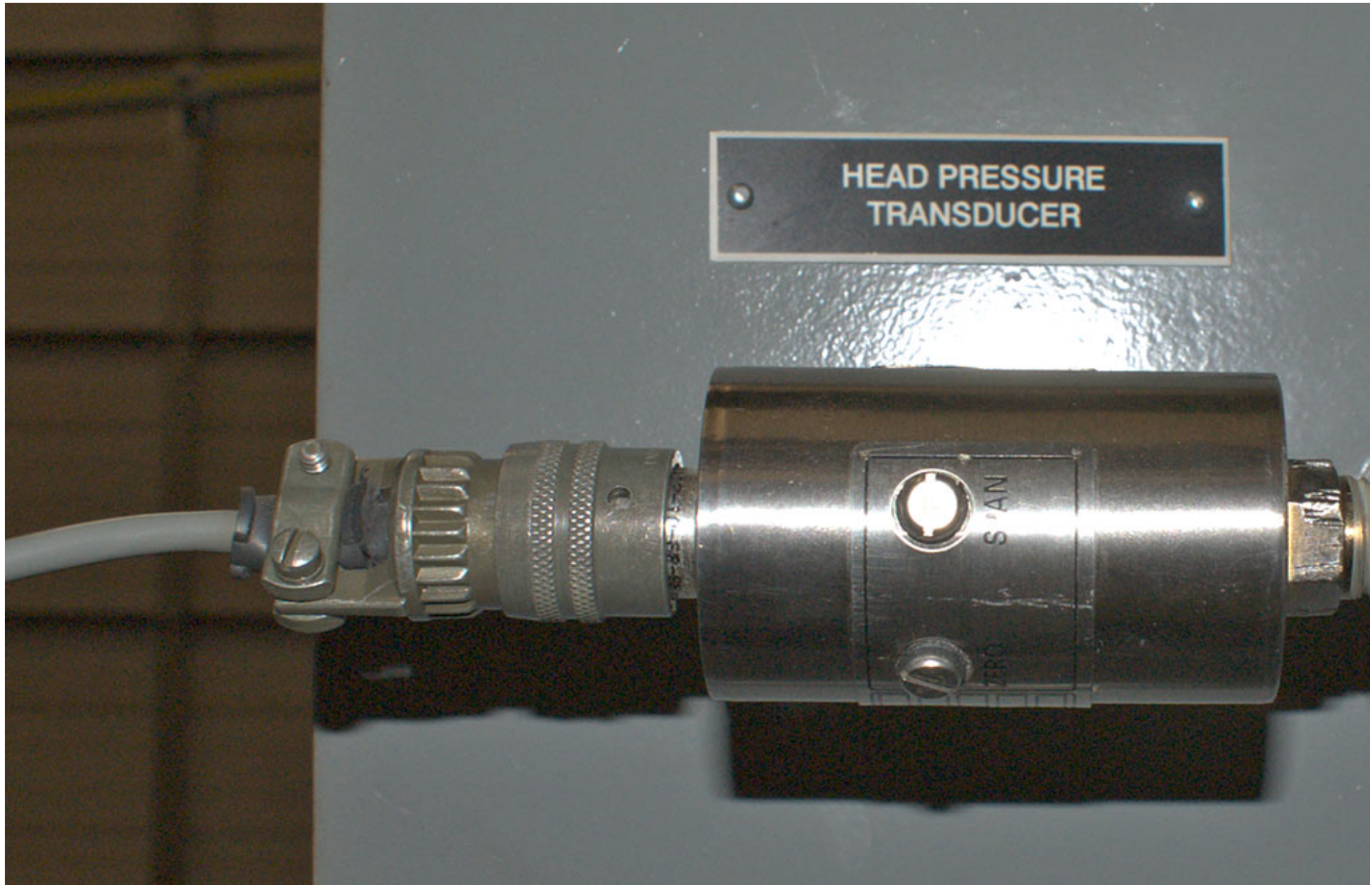




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Connecting the Pressure Transducer to the FasTrak2 Portable

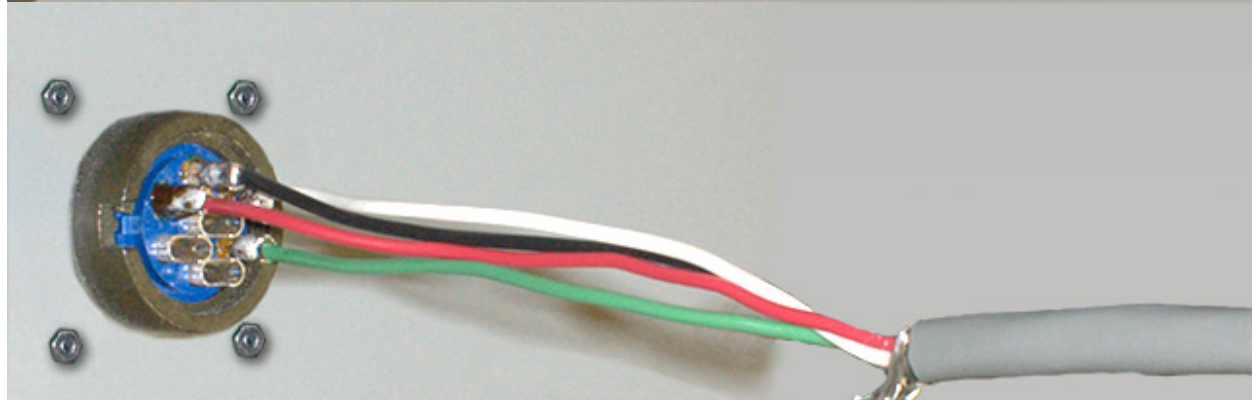
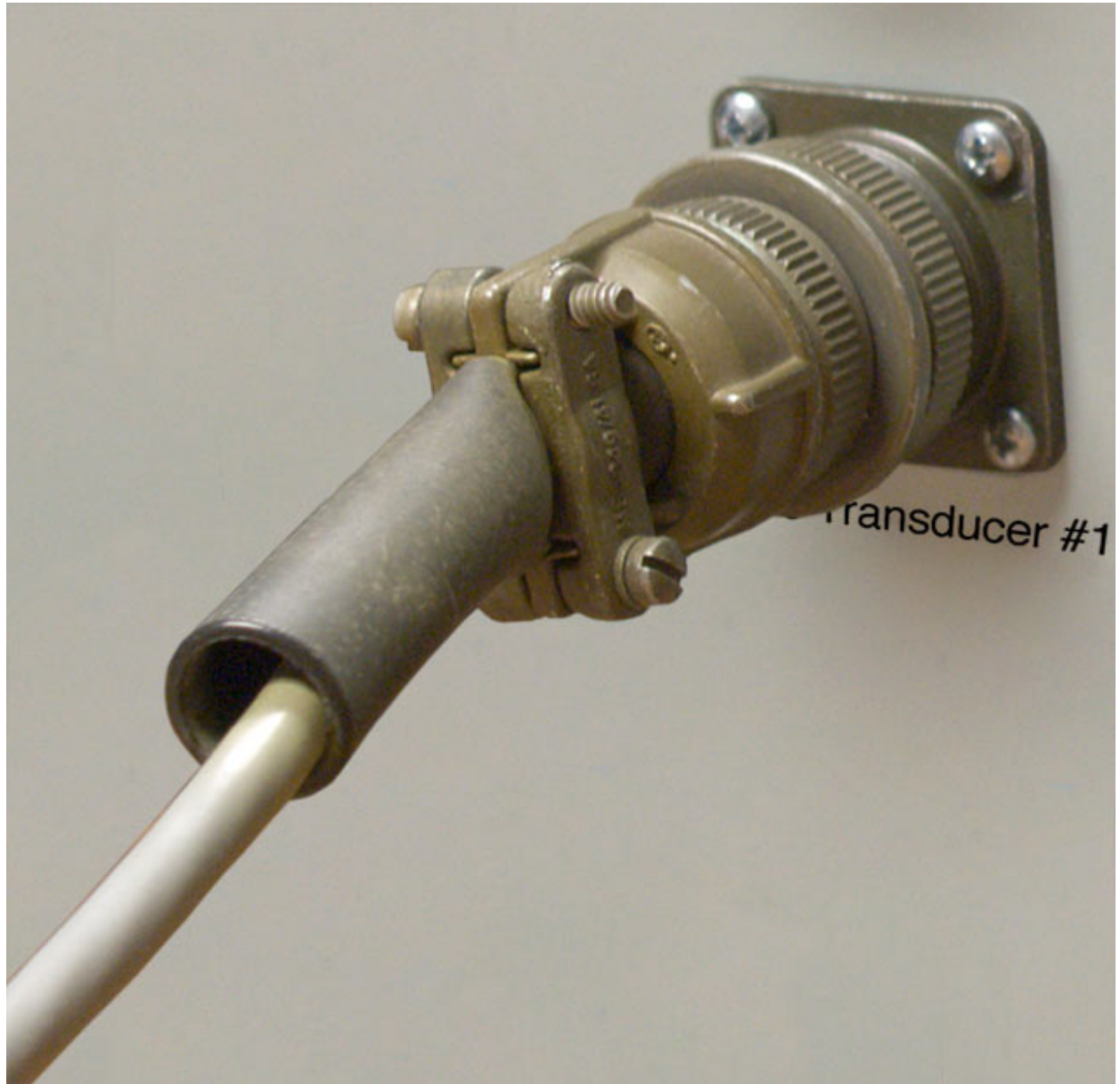
The supplied cable has metal connectors on each end. The smaller, six socket bayonet connector connects to the pressure transducer (a Viatran transducer is shown here).





The larger end is a seven pin male plug that connects to the corresponding female connector on the panel.







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Connecting the FasTrak2 Portable to the Cycle Start Signal from the Die Cast Machine

