



# Chore-Tronics IDM Board Instruction

**Caution, Warning and Danger Decals** have been placed on the equipment to warn of potentially dangerous situations. Care should be taken to keep this information intact and easy to read at all times. Replace missing or damaged safety decals immediately.

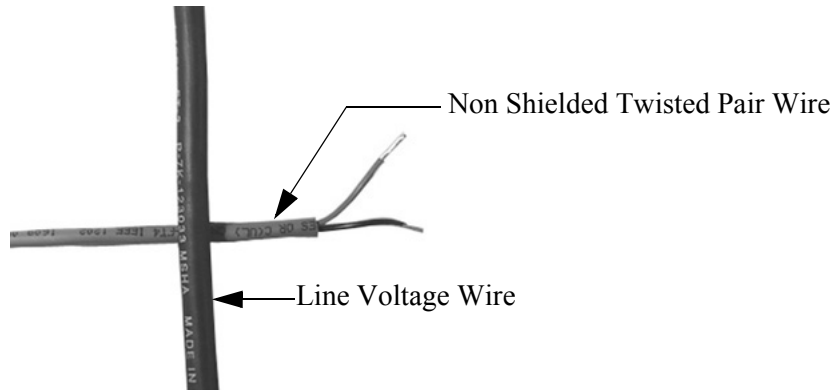


## **DANGER: Electrical Hazard**

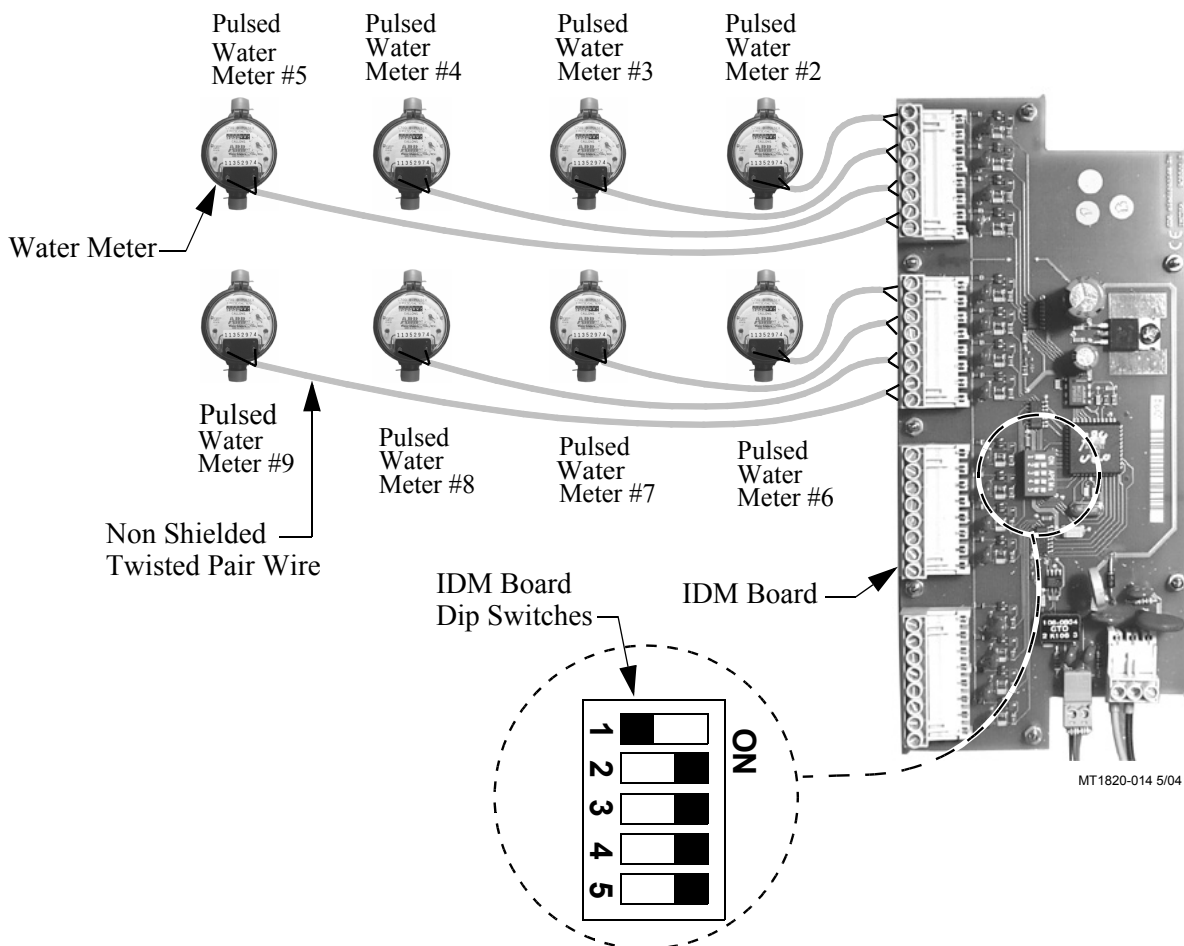
Disconnect electrical power before inspecting or servicing equipment unless maintenance instructions specifically state otherwise. Ground all electrical equipment for safety. All electrical wiring must be done by a qualified electrician in accordance with local and national electric codes. Ground all non-current carrying metal parts to guard against electrical shock. With the exception of motor overload protection, electrical disconnects and over current protection are not supplied with the equipment.

## Pulsed Water Meter and Feed Scale Wiring

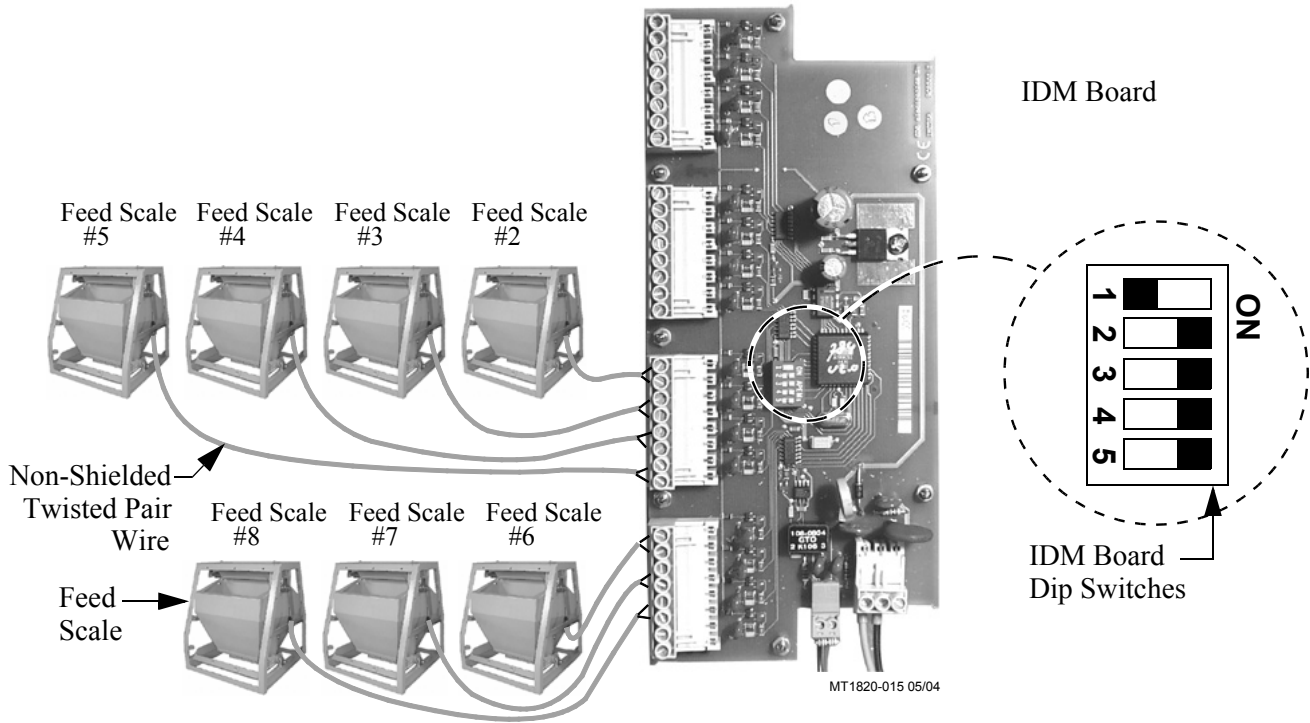
The pulsed water meters and feed scales require non-shielded 20 gauge twisted pair wire. This wire is available through Chore-Time (part number 42208). When routing this wire in the house be sure to keep the wire a minimum of 12" away from line voltage wiring. If there is a need for the sensor wire to cross line voltage wires, cross them at a 90 degree angle to each as shown below.



Connect Pulsed Water Meters #2 through #9 to the IDM board terminals as shown in **Figure below** using the Twisted Pair Wire. If a water meter not sold by CTB, inc. is used make sure that has a dry contact output connection. **DO NOT** use a water meter that sends voltage out with every pulse. **Note** the correct position of the IDM Board Dip Switches.

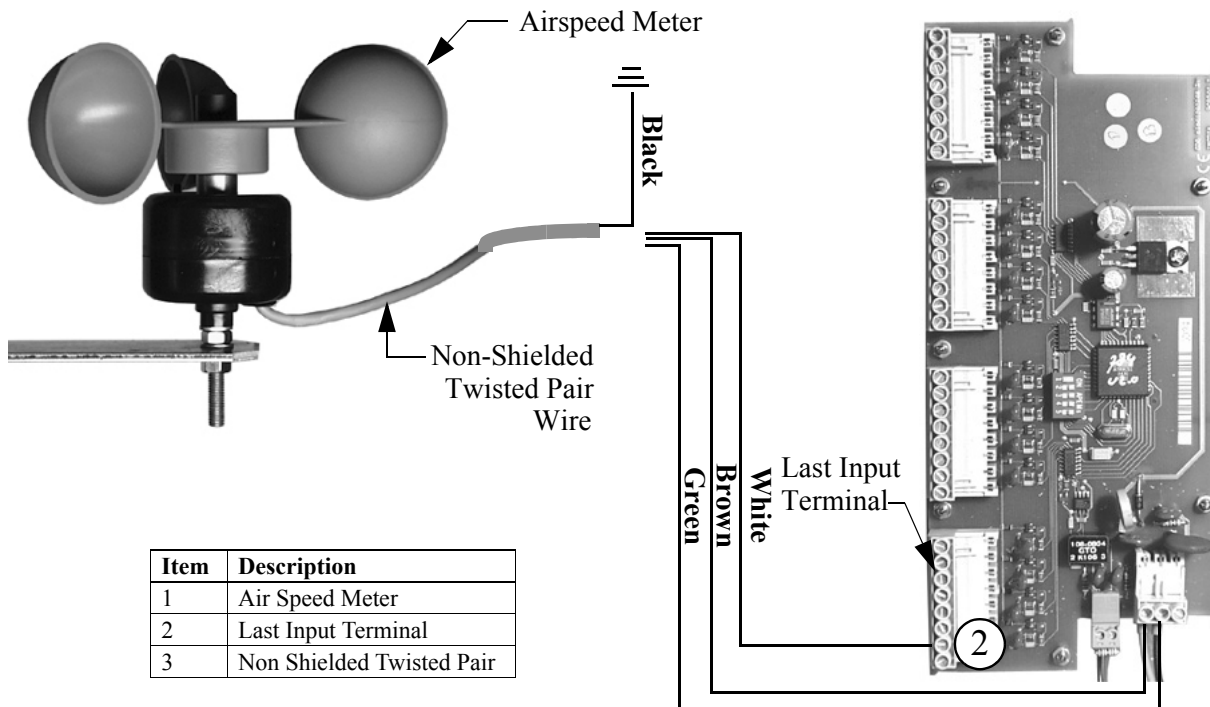


Using the blue and brown wires from the Feed Scales Connect Feed Scales #2 through #9 to the IDM board terminals using Twisted Pair Wire (See Figure below). Note the correct position of the Dip Switches. See Feed Scale Manual MT1811 for additional information if needed.



### Airspeed Meter Wiring

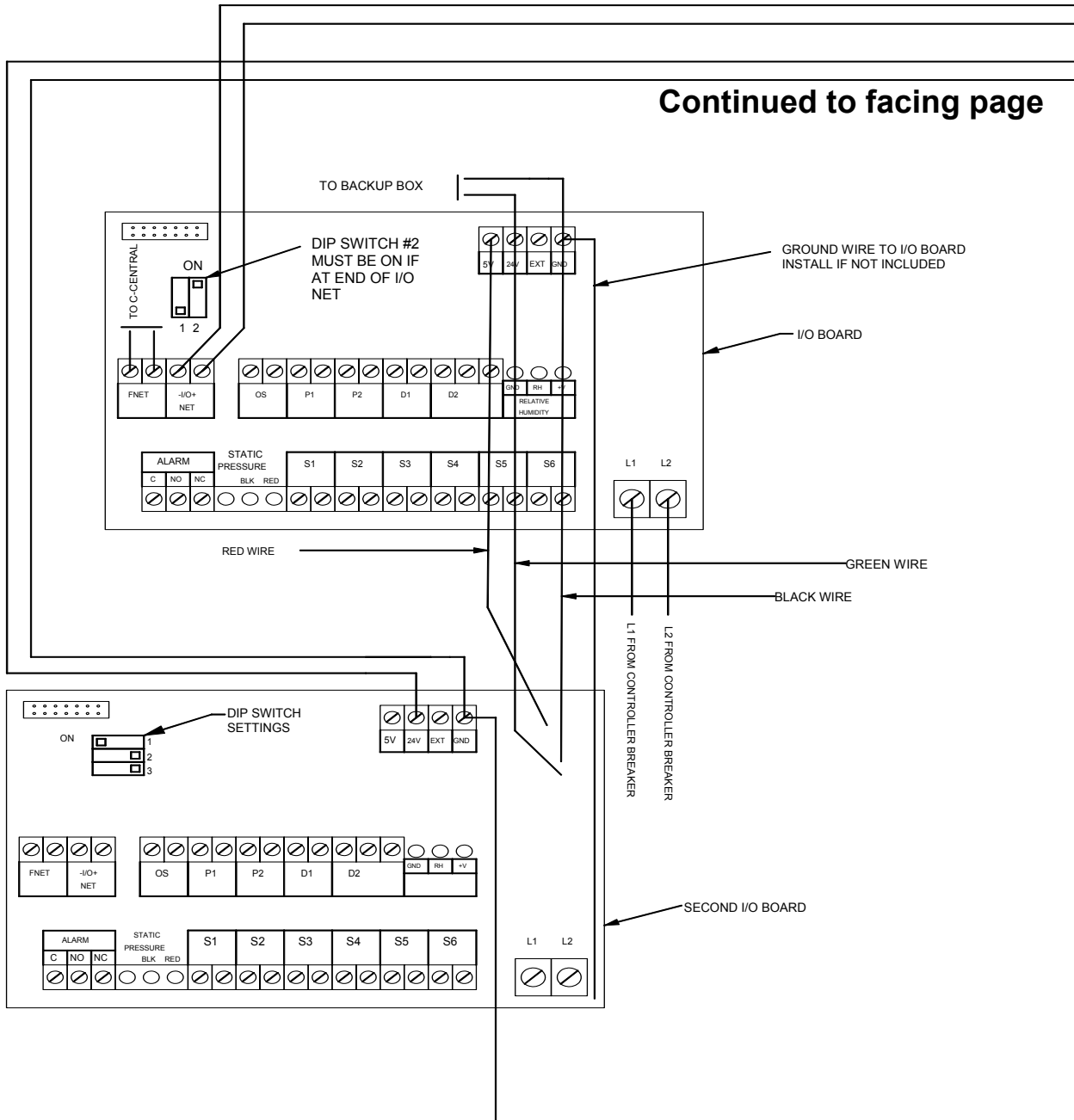
The Airspeed Meter connects to the last digital input terminal on the IDM board using a three conductor wire with a shield (See Figure below for Detailed Wiring). See Air Speed Meter manual for installing the Wind Speed Sensor inside the house.



Item	Description
1	Air Speed Meter
2	Last Input Terminal
3	Non Shielded Twisted Pair

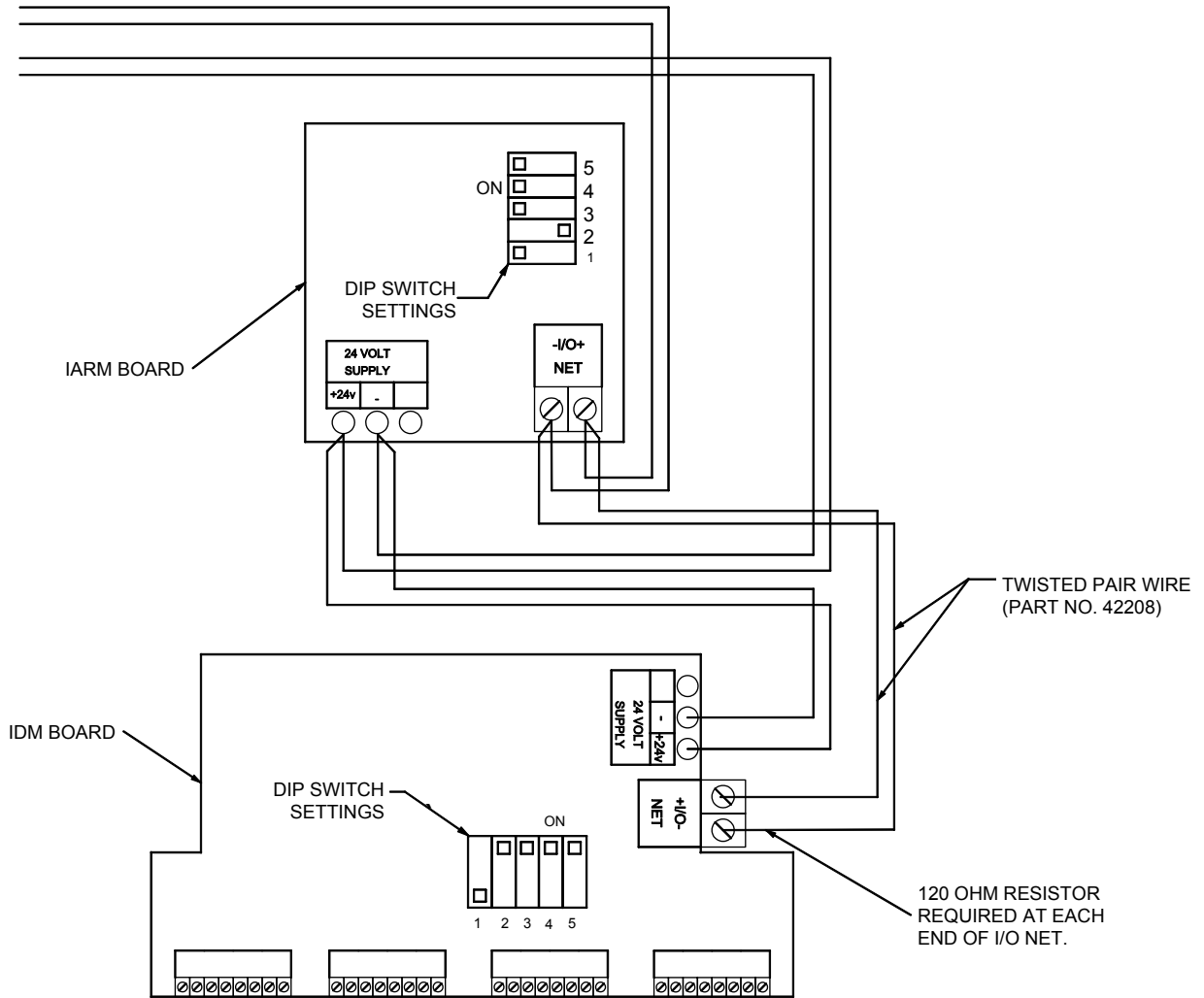
# Model 32 & Model 40 Optional Boards Wiring (Page 1)

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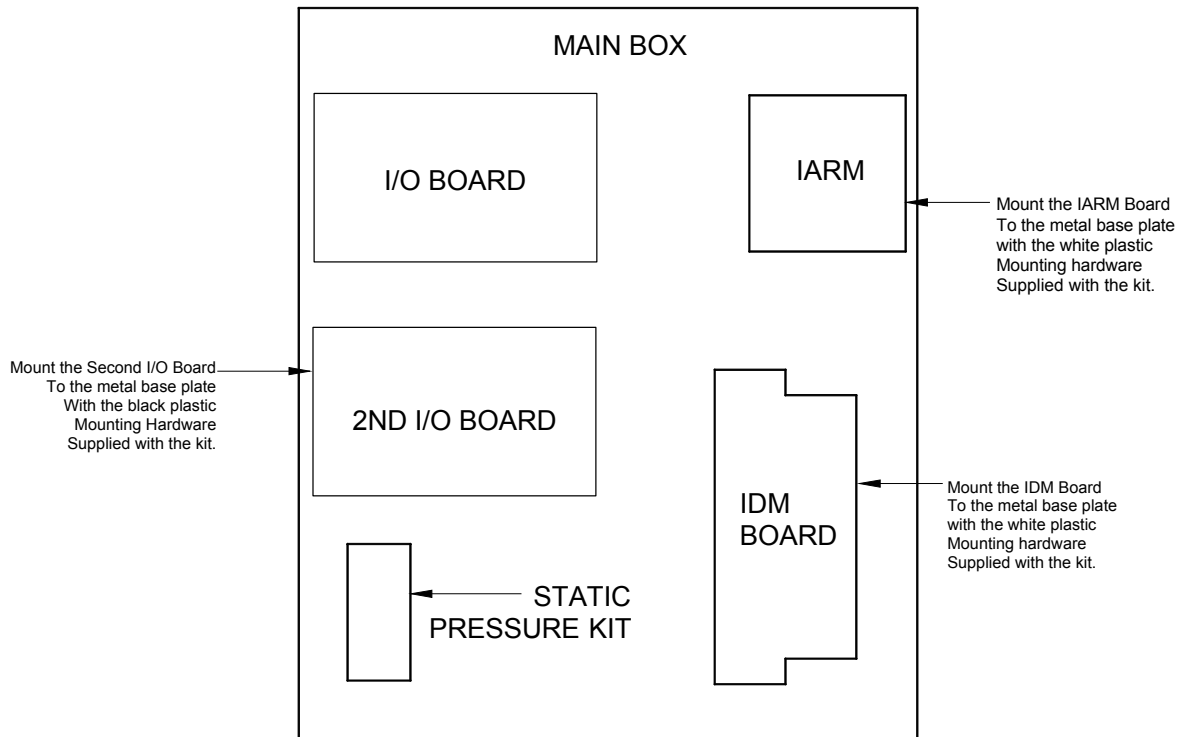


# Model 32 & Model 40 Optional Boards (Page 2)

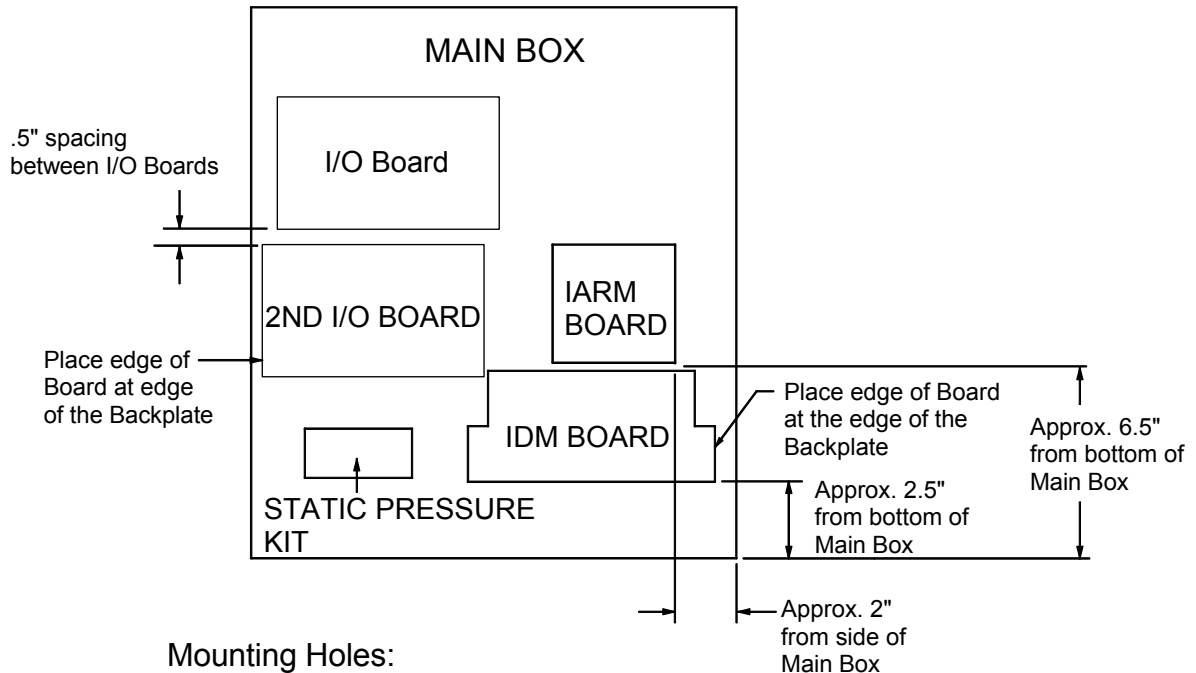
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## Model 32/40 2nd I/O, IDM and IARM Board Placement (Before April 2003)



## Model 32/40 2nd I/O, IDM and IARM Board Placement (After April 2003)



### Mounting Holes:

- Second I/O: Drill 6-1/4" Holes
- IARM Board: Drill 6-3/16" Holes
- IDM Board: Drill 7-3/16" Holes

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