OPTIONAL TIMER KIT AOPS7433

Installation of Solid State Timer to Oil Furnace   TIMER - TP Part No. 350506

1) Turn power off to furnace.
2) Mount timer just above 4 X 4 junction box (within 5") on side casing of furnace. Use mounting screw provided.
3) Open junction box and connect 3 short wires as shown on wiring diagram.
4) Connect long black wire to primary control located on junction box on oil burner.
   Note: Burner Polarity must be correct.
5) Adjust timer to recommended settings.   DOM (sec) 72
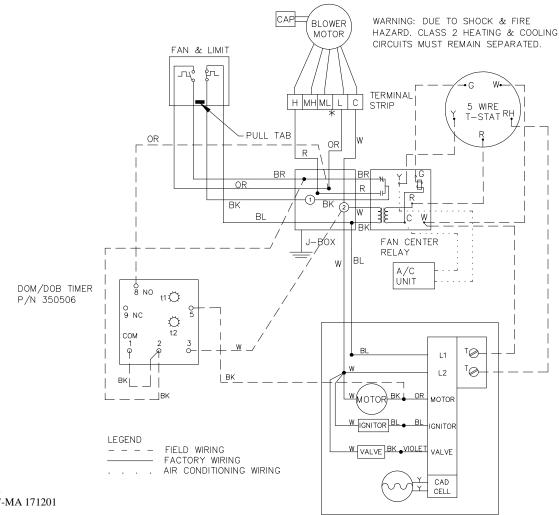   DOB (min) 4.0

NOTE: DOM value = Set the arrow on the dial between the 7th and 8th tick mark on t1. This time should be approximately 72 seconds (+8/-16 seconds)

DOB value = Set the arrow on the dial between the 5th and 6th tick mark on t2. This time should be approximately 4 minutes (±15 seconds)

Confirm timings are set as desired prior to leaving furnace with a stopwatch.

6) Re-establish power and check furnace operation.

WIRING DIAGRAM
ELECTRICAL SCHEMATIC