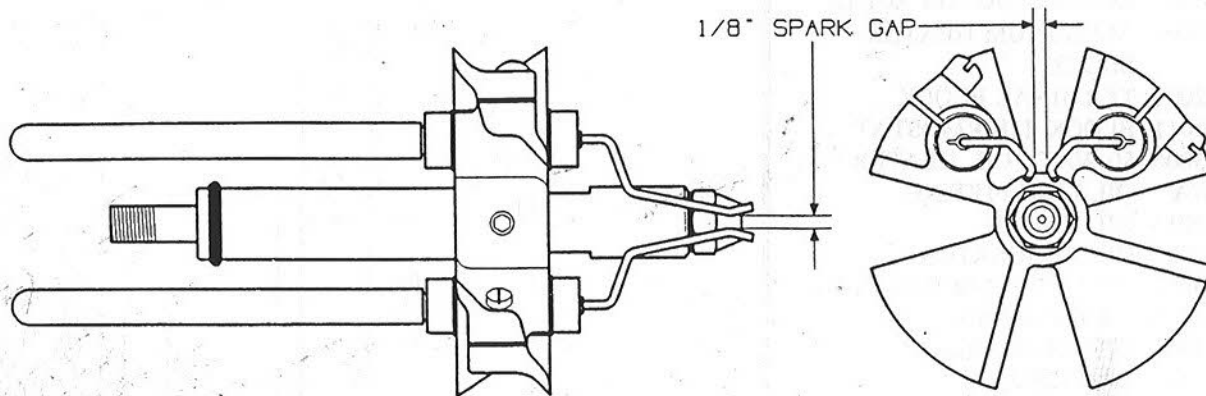


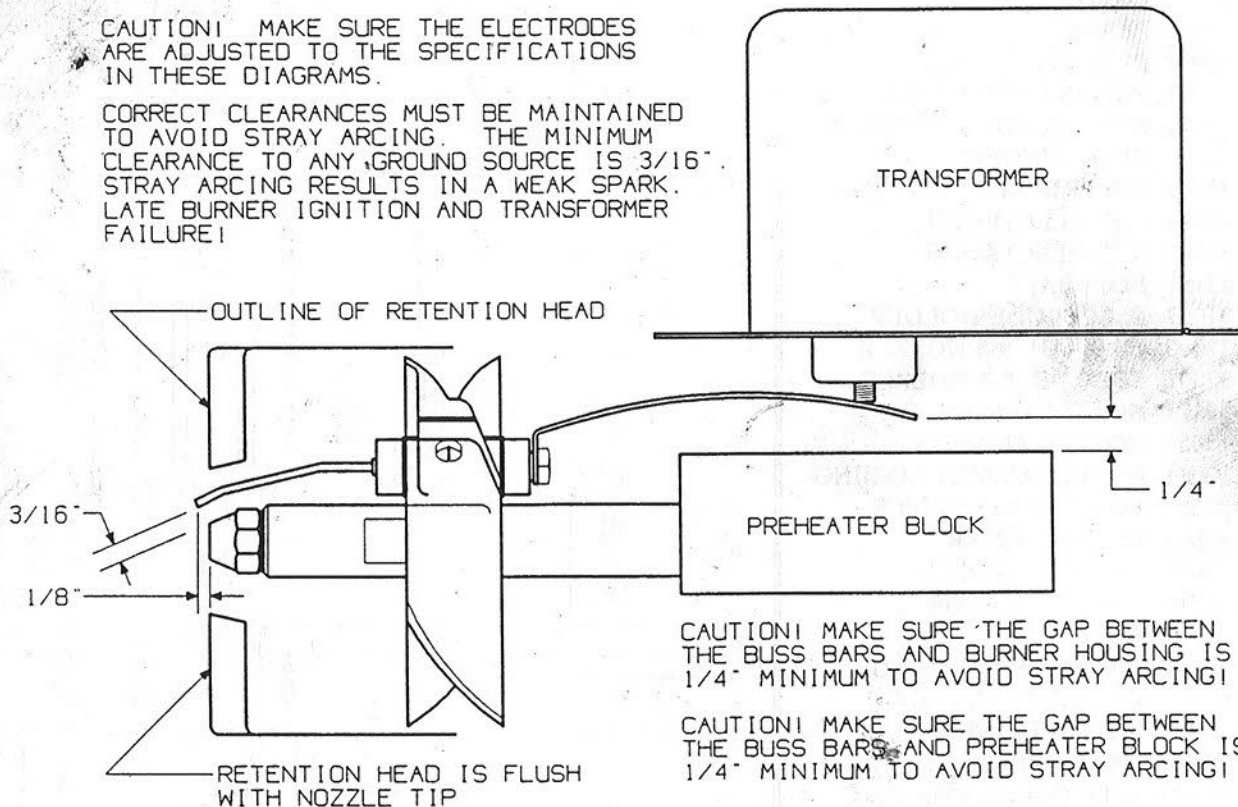
Set 1a

10.5.2 Electrode Specifications

DIAGRAM # 10-E
Electrode Settings

CAUTION! MAKE SURE THE ELECTRODES ARE ADJUSTED TO THE SPECIFICATIONS IN THESE DIAGRAMS.

CORRECT CLEARANCES MUST BE MAINTAINED TO AVOID STRAY ARCING. THE MINIMUM CLEARANCE TO ANY GROUND SOURCE IS 3/16". STRAY ARCING RESULTS IN A WEAK SPARK, LATE BURNER IGNITION AND TRANSFORMER FAILURE!



CAUTION! MAKE SURE THE GAP BETWEEN THE BUSS BARS AND BURNER HOUSING IS 1/4" MINIMUM TO AVOID STRAY ARCING!

CAUTION! MAKE SURE THE GAP BETWEEN THE BUSS BARS AND PREHEATER BLOCK IS 1/4" MINIMUM TO AVOID STRAY ARCING!

TO MAINTAIN PROPER BURNER PERFORMANCE, MAKE SURE THE ELECTRODES ARE REPLACED ANNUALLY

- Install the electrodes according to the setting and specifications in the above diagrams.
- Use the shaft of a 1/8" drill bit as a feeler gauge to set the spark gap at 1/8".

NOTE: When replacing electrodes, always replace the complete set, using a right-hand and a left-hand electrode.

Do NOT overtighten the lock-down bolts on the air stabilizer or the nuts on the electrodes. Overtightening may crack the electrode insulators!