Mount 1 ½” N.P.T. nipple in position and tack weld in place. Connect the 1 ½” N.P.T. union to nipple and mount igniter retract / probe assembly in position. Adjust for correct position of the tip by adjusting the (2) threaded rods. Dimensions “A” and “B” should be equal for a burner tip angle of 90°. If the tip angle is more or less than 90°, dimension “B” should be increased or decreased by the appropriate trigonometric formulation.

It is preferable to have the ignitor tip pass through the diffuser cone. However, satisfactory results on normal windbox type burners may be obtained by positioning the igniter as close as possible to the edge of the diffuser. In either case, the above formulation applies and final adjustment will have to be made based on operating conditions.

Specify the desired L1 dimension when ordering.