

KNIGHTLIGHTER HOOK-UP INSTRUCTIONS FOR (2008 ION) 24 VAC POWERED IGNITER

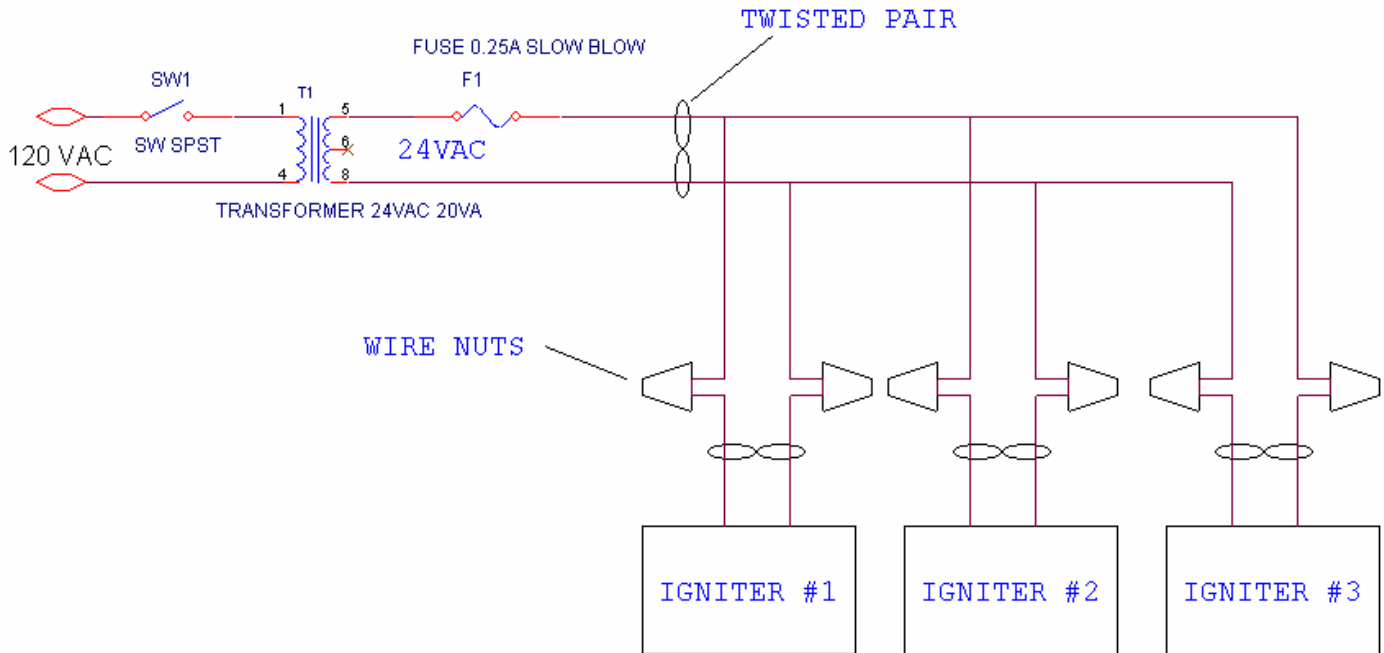
The Model KNA1-24A-I-DF-S Igniter shall be connected only to 24vac +/-4vac. **DO NOT CONNECT DIRECT TO 120 VAC.** A transformer is used to convert 120 VAC to 24 VAC. The secondary output of the transformer should be fused with an in-line 0.25 Amp slow-blow fuse for driving up to two igniters on one transformer. A larger fuse may be used for driving more than 2 igniters from an appropriately sized transformer, such as 20VA.

The transformer must be properly connected so that the primary input leads (usually black and white) are connected to 120 VAC; see diagram below. Verify that the transformer output voltage is 24 +/-4 VAC before connecting to the igniter power input leads. Each igniter requires only 100 mA at 24 VAC.

NOTE: If transformer has a center tap, do not connect.

RECOMMENDED AC POWER HOOKUP:

MODEL: KNA1-24A-S HOOKUP DIAGRAM



Verify that neither 24 VAC input power lead is shorted to chassis ground.

DO NOT CONNECT DIRECT TO 120 VAC or hook the transformer up backwards; doing this will damage unit and void warranty.



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