#2 light
Posted by gman - 11 Dec 2012 21:55

Stumped, having trouble with my 2006 Maxfire stove . stove fires up has a strong vibrant flame,once flame is going feeder wheel won't feed fire pot,stove shuts down then feeder wheel cycles corn into fire pot. checked wire on mother board its connected. stove was running good until this week.

Any help will greatly appreciated

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Re: #2 light
Posted by blume98 - 11 Dec 2012 23:10

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does it do ash dump before feeding corn after shutdown?thermocouple off will cause, it is wire with flag on it ,it goes on j18 on mb

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Re: #2 light
Posted by gman - 12 Dec 2012 00:58

Yes ash dump cycles, then it feeds corn . J18 (thermocoupler) seems connected.

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Re: #2 light
Posted by blume98 - 12 Dec 2012 01:12

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it is doing an auto restart, could be bad thermocouple,but hardly ever go bad, does fire die way down before it stops? if it does you may have to increase feed rate, also first thing i look at is feed wheel to make sure not raised up

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Re: #2 light
Posted by gman - 17 Dec 2012 16:55

I noticed the thermocupler going into exhaust side of stove was loose its inserted into stove exhaust about an inch and half put a little glue on it to hold it.Stove was running decent for one day flame was lazy increased feed rate 1/2 a notch at a time stove has shut down , when i restart it flame is vibrant but when the air pump shuts off it feeds corn the flame is fairly vibrant then the stove shuts off with #2 light

blinking, even though the flame is pretty decent. just thoughly cleaned stove, wondering if the thermo coupler is bad or its inserted to far into stove

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Re: #2 light
Posted by rona - 18 Dec 2012 00:58

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Seems I have read about a inch was right- That would be to easy though. Try pulling it out and hold a match or candle on the end of it making it think you have heat in the stove and see if that keeps it going.

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Re: #2 light
Posted by DOLLARBILL - 18 Dec 2012 16:07

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RONA NOW THATS A NICE TRICK !!!

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Re: #2 light
Posted by rona - 18 Dec 2012 16:27

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I don't know if anyone else has done it but way back when I first started playing with the Bixby that thermo wire disconnected when we moved the stove. In one of my non-educated guesses I discovered there was a connection on the igniter board that also fit the thermo coupler. Of course the thermo coupler didn't work until I connected it to the right spot but it proves once again the hands are sometimes quicker then the head.

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Re: #2 light
Posted by gman - 19 Dec 2012 03:46

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rona,I tried your candle trick it worked, stove ran as long I heated the thermocupler.once flame got going i reinserted it in tube. But when I put side cover on stove shut down. I was pushing thermocupler into far inside tube with side cover I bent thermocupler and glued it in place so far so good. I took feeder wheel off and noticed round threaded flange wasn't tight, I retightened seems to be feeding corn better. Hoping this fixes the feed problem i'm having, as of now my feed rate is 4+ and exhaust is -1. Also have lights 1&7 flashing will pull and check fuses tommorrow thanks for help

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Re: #2 light

Posted by rona - 19 Dec 2012 04:23

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You can switch positions of the two igniter wires and determine if the problem is your fuse or igniter. If it looks like the igniter make sure you don't have a loose wire in the white connector. Sometimes the pins weren't crimped right. You can also use a ohm meter and check the igniter that way. Blume has igniters at the right price.

If you have to replace the igniter be sure to remove the ground wire from the old ignitor leaving it connected to the stove. Much easier then removing the ground wire from the stove.

Always nice to hear it is running again.

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