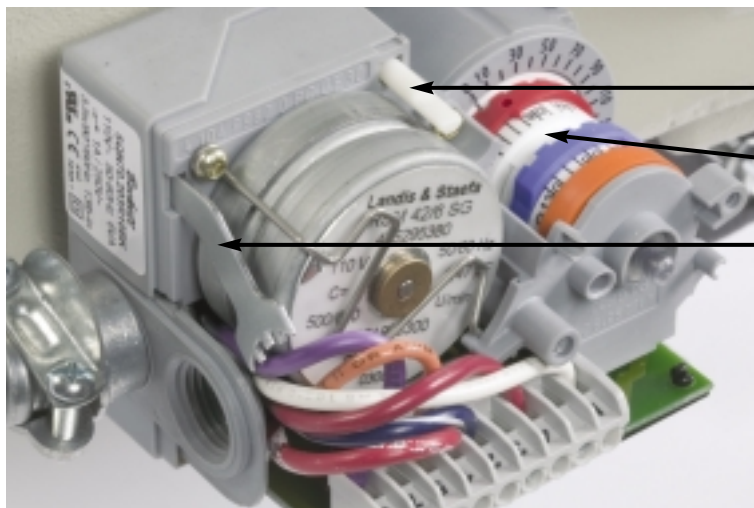




Adjustment Instructions
Printed on Cover



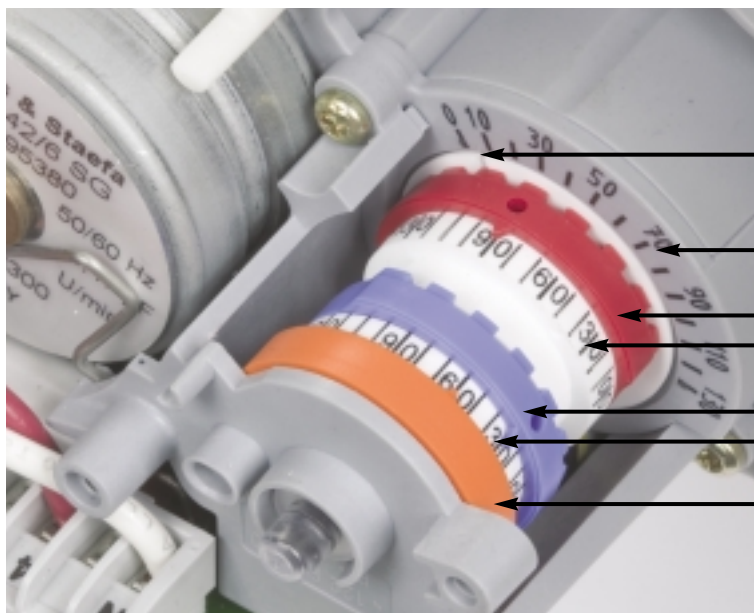
Disengaging Pin in the
Engaged Position

Cam Stack

Adjustment Wrench

The **Disengaging Pin** allows the Damper and Cam Stack to be rotated by hand

The **Disengaging Pin** must be out when the burner is operating



Damper Position Indicator
(Black mark on white ring)

Damper Position Scale

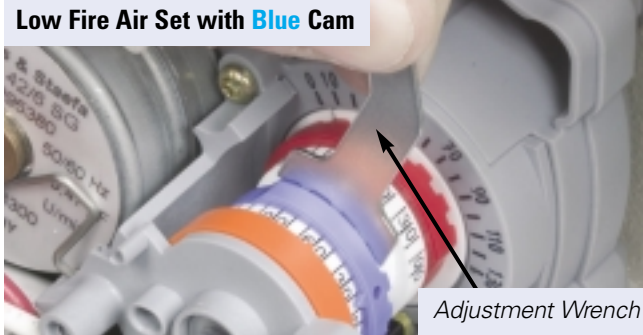
Red High Fire Cam with
White adjustment Scale

Blue Low Fire Cam with
White adjustment scale

Transition Cam shares
Adjustment scale

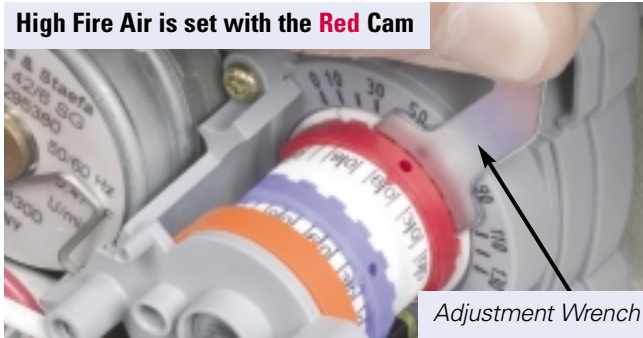
Setting the High Fire Air and Low Fire Air

Low Fire Air Set with **Blue** Cam



Adjustment Wrench

High Fire Air is set with the **Red** Cam



Adjustment Wrench

An old air setting specification of 7 is equal to 70° on the damper position scale of this new damper actuator. If adjusting the air settings while the burner is operating, it is necessary to cycle the burner from High to Low Fire or Low to High by using the lighted low fire hold switch.

Setting the Transition

Cam is disengaged



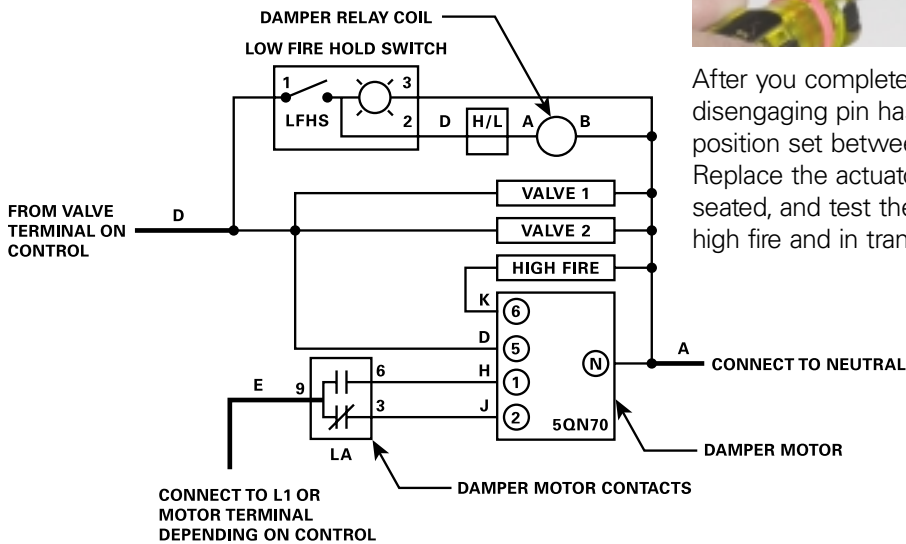
Transition Cam is set with Screwdriver

The **ORANGE CAM** sets the transition point between Low Fire Oil and High Fire Oil.

It should be set halfway between the settings of the RED Cam and the BLUE Cam.



After you complete your adjustments make certain the disengaging pin has been reengaged with the damper position set between the high fire and low fire limits. Replace the actuator cover, making sure it is correctly seated, and test the burner for proper firing at low fire, high fire and in transition between low and high.



For more information, contact:

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