

 = FEMALE DISCONNECT
 = MALE DISCONNECT
 = STUD CONNECTION
 N/C = NORMALLY CLOSED
 N/O = NORMALLY OPEN

The diagram shows the following connections for the AC Power Connector (8 pin Male):

- Pin 1:** Yellow wire to Convection Fan.
- Pin 2:** Orange wire to Combustion Fan.
- Pin 3:** Red wire to High Limit Switch.
- Pin 4:** Red wire to DC Auger Power Supply.
- Pin 5:** Violet wire to Igniter.
- Pin 6:** Green/Yellow wire to Stove Ground Screw.
- Pin 7:** Black wire to Igniter.
- Pin 8:** White wire to Igniter.

Additional connections shown:

- DC Auger Power Supply: White/Red wire to Stove Neutral Terminal Block.
- Stove Neutral Terminal Block: White wire to AC Power Inlet (Neutral).
- AC Power Inlet: Hot wire to Igniter, Ground wire to Stove Ground Screw.

The diagram illustrates the control wiring harness for the DC Auger Motor. It shows the following components and connections:

- Sensor Connector (7 pin Female):**
 - Pin 1: Connected to a Brown wire leading to the Hopper Lid Sensor.
 - Pin 2: Connected to a White/Black wire leading to the Hopper Lid Sensor.
 - Pin 3: Connected to a White/Yellow wire leading to the Conv. Fan Sensor.
 - Pin 4: Connected to a White/Blue wire leading to the Pre-High Limit Sensor.
 - Pin 5: Connected to a Brown wire leading to the Vacuum Sensor.
 - Pin 6: Connected to a Green wire leading to the Vacuum Sensor.
 - Pin 7: Connected to a Blue wire leading to the Proof-of Fire Sensor.
- DC Auger Motor Control Connector (6 pin Female):**
 - Pin 1: Connected to a Brown wire leading to the Hopper Lid Sensor.
 - Pin 2: Connected to a White/Black wire leading to the Hopper Lid Sensor.
 - Pin 3: Connected to a White/Yellow wire leading to the Conv. Fan Sensor.
 - Pin 4: Connected to a White/Blue wire leading to the Pre-High Limit Sensor.
 - Pin 5: Connected to a Brown wire leading to the Vacuum Sensor.
 - Pin 6: Connected to a Green wire leading to the Vacuum Sensor.
- DC Auger Motor Control Connector (4 pin Female):**
 - Pin 1: Connected to a Blue wire leading to the Proof-of Fire Sensor.
 - Pin 2: Connected to a Blue wire leading to the Proof-of Fire Sensor.
 - Pin 3: Connected to a Blue wire leading to the Proof-of Fire Sensor.
 - Pin 4: Connected to a Blue wire leading to the Proof-of Fire Sensor.
- DC Auger Power Source:**
 - 12 pin Male connector: Connected to the DC Auger Motor.
 - 12 pin Male connector: Connected to the DC Auger Board Assembly.

The diagram also includes a detailed view of the 12 pin Male connector, showing the following pin assignments:

- 1 to 1 - BLUE
- 3 to 3 - BLUE
- 4 to 4 - BLACK
- 7 to 7 - RED
- 8 to 8 - BLACK
- 10 to 10 - BLUE

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE