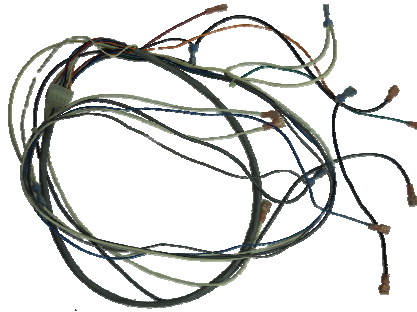


Wire Harness Assembly

Part #P6115

For Models 6500 units



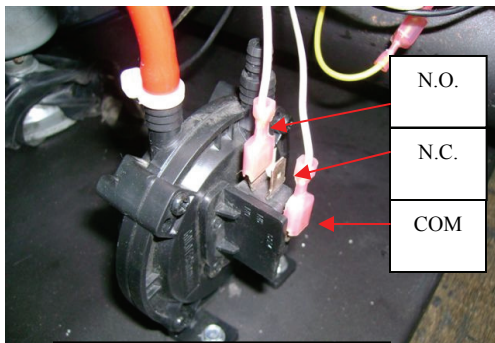
- Unplug unit
- Open both side panels.
- Remove existing wire harness.
- Attach the following:

- Control Board
- Auger Motor
- Electrical Plug

molex connector

black wire to Vacuum Pressure switch (Com) grey wire to one lead double white wire to inside terminal (top, right side) Black/orange wire to outside terminal (top, left side) green wire to bottom terminal other end of green wire screwed to base of unit

- Vacuum Pressure Switch grey wire to left terminal black wire to middle terminal if Clark grey wire to left terminal black wire to right terminal of World Magnetic

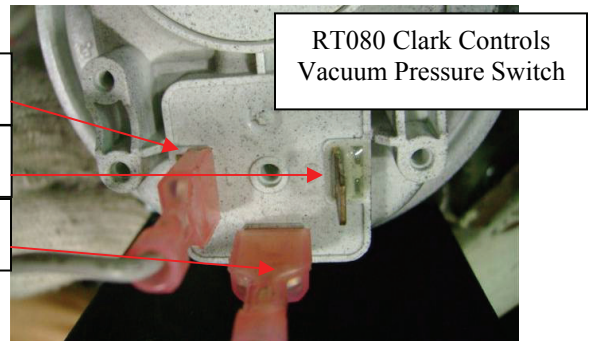


RT080 World Magnetics Vacuum Pressure Switch

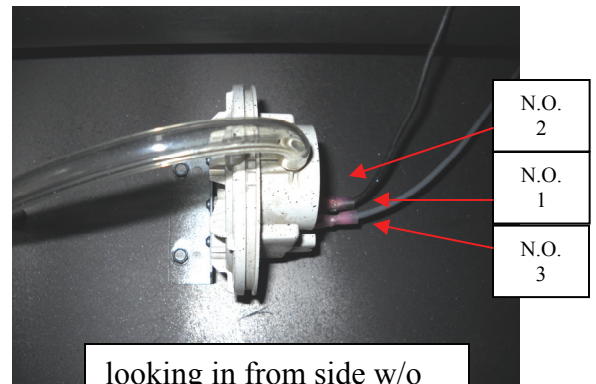
Attach one grey wire to 'Com' and one grey wire to 'NO'. Attached hose to back connection 'L'.

Attach one grey wire to 'Com 1' and one grey wire to 'NO 3'. Attached hose to bottom connection 'P2'.

N.O.	1
N.O.	2
N.O.	3



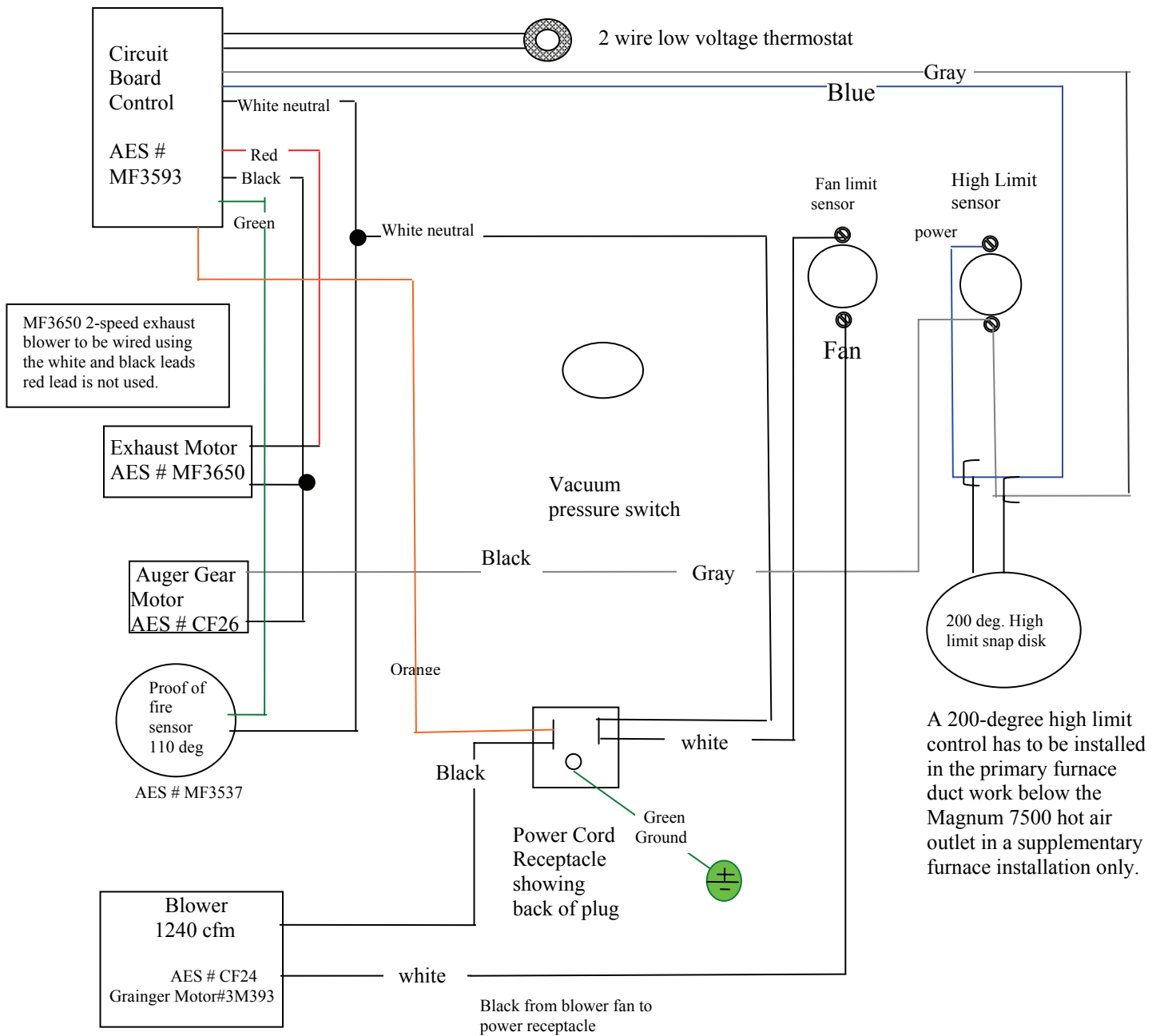
RT080 Clark Controls Vacuum Pressure Switch



looking in from side w/o control panel

- Room Fan Sensor double white wire to bottom terminal green wire to top terminal
- High Limit Sensor blue wire to bottom terminal double grey to top terminal
- Room Air Fan white wire to red wire grey wire to double black wire
- Exhaust Fan black wire to white wire red wire to black wire

Magnum 6500 Wiring Diagram



The High limit control is pre-set and does not need to be adjusted. If the furnace is overheating consult your HVAC installer for proper duct installation, pressures and sizing.

The fan limit control heat settings are pre-set and do not need to be changed. If the room fan is cycling often consult your HVAC contractor for proper duct pressure setting.