

# England's Stove Works, Inc.

Pellet, Corn, Gas and Wood Stoves

P.O. Box 206 Monroe, VA 24574

[www.englishstoves.com](http://www.englishstoves.com)

Phone: (800) 516-3636

Fax: (434) 929-4810

## REPLACING THE VACUUM SWITCH (2006 – later)

*To change out a Vacuum Switch for 2006 and later models, simply perform the following steps:*

1. First, remove the rear access panel from your unit; this may be done using a 5/16" socket or wrench.
2. Examine the labels on each of the Vacuum Switches that are fastened to the stove. Be sure you are replacing the correct switch.
3. Remove the two screws that fasten the switch that needs to be replaced. Remove the Vacuum Hose from the switch, and also remove the two wires that are attached to the switch.

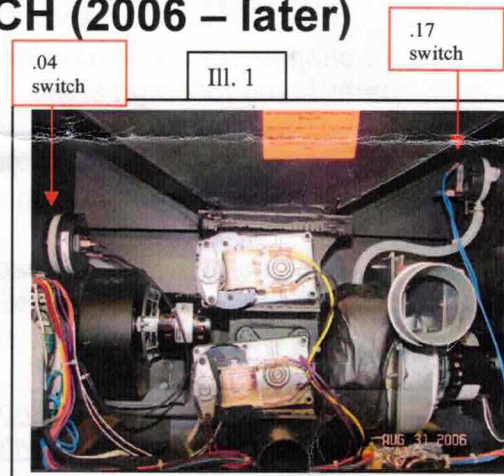
4. Replace the old switch with the new replacement switch. Using the two screws that held the old switch, fasten the new switch where the old switch was. Place the Vacuum Hose on the new switch, on the bottom nipple (see Illustration 2). Use the two wires that went to the two terminals on the old switch and place them on the new switch (Illustration 2). One wire will go on the single end terminal (C1), and the other wire will go on the terminal marked NO 2...no wire will go on the opposite (NC 3) terminal. Replace the rear access panel onto your unit.

**IMPORTANT:** For these switches to work correctly, the Vacuum Hoses must be firmly attached, and the wires (the silver wire "heads" inside the plastic jackets) must be firmly in place on the terminals at the switch *and* the Control Board end.

**WARNING: STOVE MUST BE OUT (NO FIRE), COOLED DOWN, AND UNPLUGGED BEFORE ANY MAINTENANCE. ALWAYS FOLLOW ALL CODES.**

**WARNING: ELECTRICAL SHOCK CAN OCCUR IF UNIT IS NOT UNPLUGGED.**

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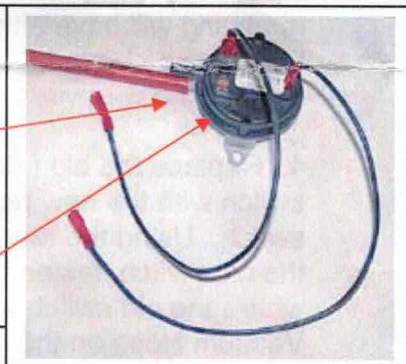


NOTE: Switch layout for the compact pellet model is shown here.

### Replace existing switch with new switch

Place Vacuum Hose on bottom nipple (top nipple will remain open).

Place wires on C1 and NO2 terminals (NC3 will remain vacant).



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2. Examine the labels on each of the Vacuum Switches that are fastened to the stove. Be sure you are replacing the correct switch.
3. Remove the two screws that fasten the switch that needs to be replaced. Remove the Vacuum Hose from the switch, and also remove the two wires that are attached to the switch.
4. Replace the old switch with the new replacement switch. Using the two screws that held the old switch, fasten the new switch where the old switch was. Place the Vacuum Hose on the new switch, on the bottom nipple (see Illustration 2). Use the two wires that went to the two terminals on the old switch and place them on the new switch (Illustration 2). One wire will go on the single end terminal (C1), and the other wire will go on the terminal marked NO 2...no wire will go on the opposite (NC 3) terminal. Replace the rear access panel onto your unit.

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