

OEM TESTING AND EVALUATION PROCEDURE

For: AMERICAN FLAME, INC. Valve Models: AF-4000 Series Gas Valves with
date codes 0622 to 0718

**IF YOU CANNOT READ OR UNDERSTAND THIS OEM TESTING AND EVALUATION
PROCEDURE, CONTACT THE INSTALLING DISTRIBUTOR OR AMERICAN FLAME
DIRECTLY 888 672-8929 between the hours 8 a.m. to 5 p.m. eastern daylight time**

**BEFORE YOU START THIS EVALUATION PROCEDURE, PLEASE
UNDERSTAND WE ARE LOOKING FOR INFORMATION ONLY.
WE DO NOT WANT YOU TO REMOVE ANY GLASS DOORS OR
OTHER COMPONENTS ON YOUR APPLIANCE**

QUESTION TO BE ANSWERED:

HAS THE APPLIANCE BEEN OPERATED SINCE THE TIME OF INSTALLATION,
YES OR NO?

IF, YES, CONTINUE ON USING PROCEDURE ONE FOR A SIMPLE TEST OF THE
GAS VALVE AND PILOT ASSEMBLY.

IF NO, PLEASE SKIP TO STEP #6 (PROCEDURE TWO) WITHIN THIS
DOCUMENT TO COMPLETE THE TEST OF THE GAS VALVE AND PILOT
ASSEMBLY.

PROCEDURE ONE:

1. LOCATE WITHIN THE APPLIANCE THE PILOT LOCATION NEXT TO
THE BURNER AND MAKE SURE THAT YOU HAVE LINE OF SIGHT TO THIS
PILOT LOCATION.
2. LOCATE THE MODULE THAT CONTROLS THE IGNITION FUNCTIONS
OF THE AF-4000 ELECTRONIC GAS VALVE. ON THIS MODULE YOU WILL
FIND A CONTINUOUS PILOT SLIDE SWITCH. (SEE FIGURE #2)

YOU SHOULD CONSULT YOUR INDIVIDUAL APPLIANCE MANUAL FOR THE
LOCATION OF THIS MODULE TO DETERMINE HOW DIFFICULT IT WILL BE
TO LOCATE FOR THIS TESTING PROCEDURE.

AN ALTERNATIVE TO FINDING THE MODULE ON MOST APPLIANCES IS THE
USE OF THE HAND HELD REMOTE CONTROL. IT WILL PROVIDE THE SAME
CAPABILITY FOR THIS SIMPLE TEST. (SEE FIGURE #1)

IMPORTANT NOTE: BEFORE DOING ANYTHING ELSE, PLEASE CHECK THE ENVIRONMENT OF THE GAS VALVE FOR A SMELL OF GAS. IF FOR ANY REASON YOU SMELL OR THINK YOU SMELL GAS, SEE THE WARNING IN THE BOX BELOW.

WHAT TO DO IF YOU SMELL GAS:

- **Do not try to light any appliance.**
- **Do not touch any electric switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

3. IF YOU DO NOT SMELL GAS, CONTINUE THIS TESTING PROCEDURE.

SLIDE THE CONTINUOUS PILOT SWITCH TO THE ON POSITION AND WATCH FOR THE PILOT FLAME TO IGNITE AND BURN. ALLOW THE PILOT TO BURN FOR ABOUT 10 TO 15 SECONDS.

IF THE SLIDE SWITCH IS NOT EASILY ACCESSIBLE, USE THE HANDHELD REMOTE CONTROL AND PRESS THE BUTTON MARKED "CONTINUOUS PILOT". THIS WILL IGNITE THE FLAME ON THE PILOT. OBSERVE THE PILOT FLAME IGNITE AND BURN. ALLOW THE PILOT TO BURN FOR ABOUT 10 TO 15 SECONDS.

4. SLIDE THE CONTINUOUS PILOT SWITCH TO THE OFF POSITION AND THE PILOT FLAME SHOULD SHUT OFF. IT COULD TAKE ABOUT 5 SECONDS FOR THE PILOT FLAME TO GO COMPLETELY OFF. THE GAS VALVE IS WORKING PROPERLY. YOUR TEST IS COMPLETE.

IF YOU ARE USING THE HANDHELD REMOTE CONTROL PRESS THE BUTTON MARKED "CONTINUOUS PILOT" AGAIN. THE PILOT FLAME SHOULD TURN COMPLETELY OFF WITHIN 5 SECONDS. THE GAS VALVE IS WORKING PROPERLY, AND YOUR TESTING IS COMPLETE.

5. IF THE PILOT FLAME CONTINUES TO BURN AFTER THE 5 SECONDS, PLEASE GO TO THE MAIN GAS SHUT OFF TO THE APPLIANCE, AND TURN IT OFF. CONTACT YOUR LOCAL DISTRIBUTOR OR DEALER FOR A REPAIR OR REPLACEMENT OF THE GAS VALVE ASSEMBLY.

INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER

PROCEDURE TWO:

6. IF YOU HAVE NOT OPERATED THE GAS APPLIANCE, PLEASE FOLLOW THE PROCEDURE OUTLINED BELOW. MAKE SURE THAT YOU COMPLETELY FOLLOW THE PROCEDURE OUTLINE FOR SAFE OPERATION OF THIS APPLIANCE. YOU WILL HAVE TO LOCATE THE SHUT OFF TO THE APPLIANCE TO TURN THE GAS FLOW TO THE ON POSITION.

IMPORTANT NOTE: BEFORE DOING ANYTHING ELSE, PLEASE CHECK THE ENVIRONMENT OF THE GAS VALVE FOR A SMELL OF GAS. IF FOR ANY REASON YOU SMELL OR THINK YOU SMELL GAS, SEE THE WARNING IN THE BOX BELOW.

WHAT TO DO IF YOU SMELL GAS:

- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

7. LOCATE WITHIN THE APPLIANCE THE PILOT LOCATION NEXT TO THE BURNER AND MAKE SURE THAT YOU HAVE LINE OF SIGHT TO THIS PILOT LOCATION.

8. LOCATE THE MODULE THAT CONTROLS THE IGNITION FUNCTIONS OF THE AF-4000 ELECTRONIC GAS VALVE. ON THIS MODULE YOU WILL FIND A CONTINUOUS PILOT SLIDE SWITCH. (SEE FIGURE #2)

YOU SHOULD CONSULT YOUR INDIVIDUAL APPLIANCE MANUAL FOR THE LOCATION OF THIS MODULE TO DETERMINE HOW DIFFICULT IT WILL BE TO LOCATE FOR THIS TESTING PROCEDURE.

AN ALTERNATIVE TO FINDING THE MODULE ON MOST APPLIANCES IS THE USE OF THE HAND HELD REMOTE CONTROL. IT WILL PROVIDE THE SAME CAPABILITY FOR THIS SIMPLE TEST. (SEE FIGURE #1)

9. IF YOU DO NOT SMELL GAS, CONTINUE THIS TESTING PROCEDURE.

SLIDE THE CONTINUOUS PILOT SWITCH TO THE ON POSITION AND WATCH FOR THE PILOT FLAME TO IGNITE AND BURN. ALLOW THE PILOT TO BURN FOR ABOUT 10 TO 15 SECONDS.

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10. SLIDE THE CONTINUOUS PILOT SWITCH TO THE OFF POSITION AND THE PILOT FLAME SHOULD SHUT OFF. IT COULD TAKE ABOUT 5 SECONDS FOR THE PILOT FLAME TO GO COMPLETELY OFF. THE GAS VALVE IS WORKING PROPERLY, AND YOUR TEST IS COMPLETE.

IF YOU ARE USING THE HANDHELD REMOTE CONTROL PRESS THE BUTTON MARKED "CONTINUOUS PILOT" AGAIN AND THE PILOT FLAME SHOULD TURN COMPLETELY OFF WITHIN 5 SECONDS. THE GAS VALVE IS WORKING PROPERLY, AND YOUR TESTING IS COMPLETE.

11. IF THE PILOT FLAME CONTINUES TO BURN AFTER THE 5 SECONDS, PLEASE GO TO THE MAIN GAS SHUT OFF TO THE APPLIANCE, AND TURN IT OFF. CONTACT YOUR LOCAL DISTRIBUTOR OR DEALER FOR A REPAIR OR REPLACEMENT OF THE GAS VALVE ASSEMBLY.

INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER

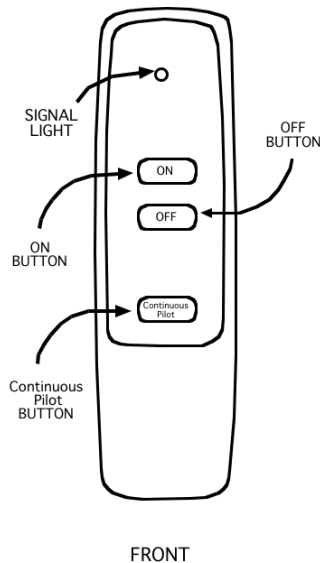
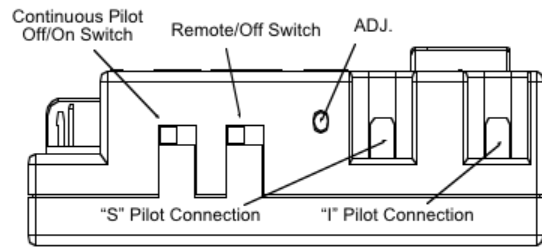
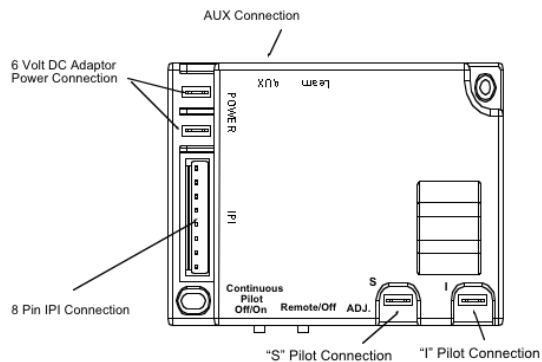


FIGURE #1



AF-4000 MOD Module Rt Side



(AF-4000 MOD) Module Top

FIGURE #2