



A Division of Dura Automotive Systems

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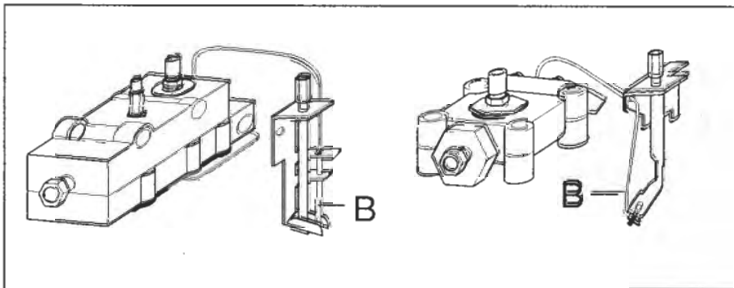
INTERNET: <http://www.atwoodmobile.com>

LITERATURE NUMBER **MPD 53403**

SAFETY PILOT VALVE REPLACEMENT

Wedgewood Range Models

Effective 10/21/04



For complete Wedgewood range & cooktop instructions consult MPD 56280.

⚠ WARNING EXPLOSION OR FIRE

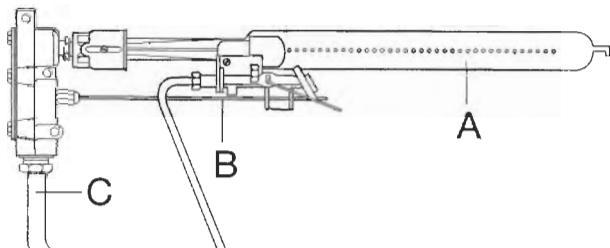
- Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.
- Refer to MPD 56280 for complete instructions.
- For assistance or additional information consult Atwood Consumer Service Department, a qualified installer, service agency or gas supplier.
- Follow directions exactly for proper installation, adjustment, service and maintenance.

TO DETERMINE IF THE SAFETY VALVE NEEDS REPLACEMENT -

The safety valve is located in rear of oven behind a galvanized shield. To determine if safety valve needs to be replaced, complete the following:

1. Light oven pilot.
2. While watching pilot, turn oven control knob to BROIL.
3. The pilot flame should increase in size and cover the sensing bulb located at front of pilot assembly.
 - a. If pilot flame increases and oven burner does not light within 30-60 seconds, the safety valve must be replaced.
 - b. If pilot flame does not increase, clean oven pilot orifice.

continued on backside



For complete Wedgewood range & cooktop instructions consult MPD 56280.

REMOVAL PROCEDURE-

1. Turn off gas supply using appliance shut off valve or valve on gas bottles.
2. Remove oven shelf and burner-A.
3. Remove safety valve sensing element (capillary tube-B) from oven pilot assembly. The element is held in place by a single screw or a spring on the side of oven pilot assembly.
4. Remove safety shield from rear of oven interior.
5. Remove mounting screws holding safety valve to rear panel of oven unit.
6. Pull safety valve forward into oven interior and remove gas input line-C on safety valve assembly.

2. To verify connection is properly seated and will not leak:
 - a. Turn gas supply on.
 - b. Set oven control to 400°F.
 - c. Check all connections for gas leaks using a non-corrosive leak detection fluid. Do not use a soap and water solution. Leak test in excess of 8 oz. per square inch (1/2 psi) of air pressure will invalidate warranty.
 - d. When certain connections are properly sealed and will not leak, turn oven control to OFF.
 - e. Turn gas supply off.
3. After successfully performing leak test, replace the various components by reversing instructions above.

NOTE: When replacing safety valve sensing element, it must be inserted completely into pilot assembly retainer and secured by screw or spring.

NOTE: If sensing element (capillary tube) becomes kinked or out of place, it will not function properly. Any damage to sensing element will require replacing entire safety valve. Individual parts of safety valve cannot be repaired or replaced.

⚠ CAUTION **EXPLOSION OR FIRE**

- Pull safety valve forward only a few inches.
- Avoid damaging gas input line.

INSTALLATION PROCEDURE-

1. Connect a new safety valve to gas input line.

⚠ WARNING **PERSONAL INJURY**

- Do not replace sensing element into oven pilot assembly while testing for leaks.