

# double mantle GASOLINE LANTERN

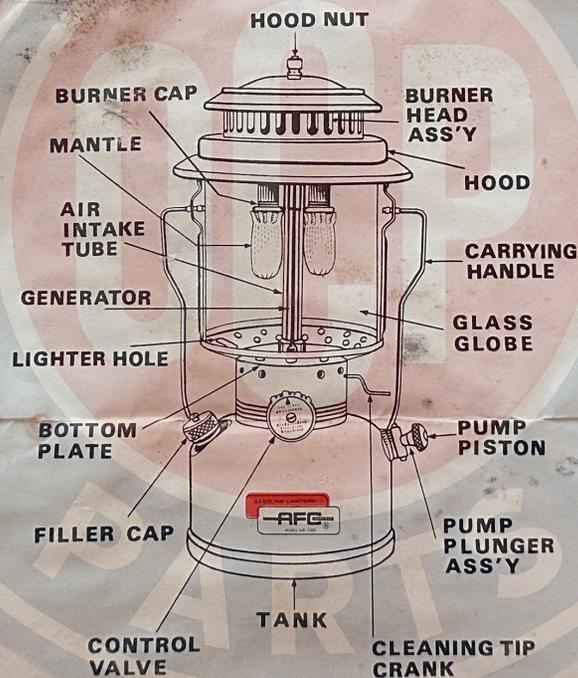


MODEL NO.  
1022



An AFC Camper/Sportsman Product by ASHFLASH  
MANUFACTURED IN HONG KONG, BRITISH EMPIRE FOR THE ASHFLASH CORPORATION  
WOODWARD AVENUE, SO. NORWALK, CONN. 06856

## MODEL 1022 GASOLINE LANTERN



### GASOLINE LANTERN

#### OPERATING INSTRUCTIONS

##### I. TO FILL

1. Close CONTROL VALVE tightly to the right (clockwise).
2. Remove FILLER CAP and fill in carefully with gasoline. Do not fill above level of FILLER PLUG base.
3. Replace FILLER CAP and close tightly to the right (clockwise).
4. Never remove FILLER CAP while lantern is lighted, nor near open flame or excessive heat.

##### II. TO INSTALL NEW MANTLES

For efficient, brilliant white light use ASH FLASH MANTLES.

1. Remove HOOD NUT, HOOD, and GLASS GLOBE.
2. Tie MANTLES around grooves in BURNER CAPS. Flat side of MANTLES must be parallel to GENERATOR. MANTLES should not touch GENERATOR.
3. Distribute folds of MANTLE evenly in BURNER CAP groove and cut off remaining asbestos string.
4. Use match to light the bottom of MANTLE evenly. Allow MANTLE to burn until only a white ash remains.
5. Let cool off for a moment.
6. Replace GLASS GLOBE, HOOD, HOOD NUT.

##### III. AIR PRESSURE

1. CONTROL VALVE and FILLER CAP must be closed to the right (clockwise).
2. Turn PUMP PISTON two turns to the left (counterclockwise). Place thumb over small hole in end of PUMP PISTON and pump 35 to 40 full strokes of air into lantern. Good pressure is important.
3. Turn PUMP PISTON clear to right (clockwise) until tight and push it clear down.

##### IV. LIGHTING

1. Preliminary checks:
  - A. TANK must have fuel. (See Section I. "TO FILL").
  - B. CONTROL VALVE must be closed tightly to the right (clockwise).
  - C. Turn CLEANING TIP crank several complete turns and leave the crank in downwards position.
  - D. Air pressure must be pumped into TANK. (See Sect. III "AIR PRESSURE").
2. Insert lighted match through LIGHTER HOLE and hold it under MANTLES.
3. Open CONTROL VALVE one-quarter turn to the left (counterclockwise).
4. MANTLES will light instantly when air and gas mixture reaches it. When MANTLES burn brightly and steadily open CONTROL VALVE all the way to the left (counterclockwise) until it stops.
5. If lantern blazes and smokes more than a few seconds when first light it, close VALVE and reopen one fourth turn as soon as light dim.
6. If lantern does not burn brightly with FUEL VALVE wide open rotate CLEANING NEEDLE CRANK several times. Lantern may flicker a bit but should quickly steady down.
7. Pump in 20 strokes of air pressure for maximum light.

##### V. TO SHUT OFF

Turn CONTROL VALVE all the way to the right (clockwise), until tightly closed. Lantern will take a moment to go out.  
CAUTION-Do not use cleaning tip lever to shut off.

**MAINTENANCE INSTRUCTIONS**

To insure long and useful life, keep your lantern clean and store it in dry place.

**I. FUEL**

Always use clean, fresh gasoline. Gasoline should be unleaded (white gasoline). This lantern also operates on regular gasoline.

If lantern does not burn brightly although the pressure is sufficient, clean Spider's Nest Screen (Part No. 1010-15-3). This may be necessary if regular gasoline has been used.

Fill TANK. Use funnel and strainer.

Clean TANK once a month. Drain completely through FILLER PLUG opening, this will remove old, stale fuel and heavy sediment which causes carbonization of GENERATOR.

**II. PUMP**

Pump leather must be oiled with a few drops of NON-CORROSIVE oil.  
Oil pump leather occasionally to keep it soft and pliable.

**III. GENERATOR**

To remove GENERATOR:

1. Remove HOOD NUT, HOOD, and GLASS GLOBE.
2. Remove CAP SCREW in the centre of BOTTOM PLATE, then lift off LANTERN FRAME with BURNER ASSEMBLY.
3. Turn CLEANING TIP crank up.
4. Unscrew GENERATOR JAM NUT with a wrench.
5. Lift up GENERATOR and unhook CLEANING NEEDLE from ECCENTRIC BLOCK.

To install GENERATOR:

1. Insert new GENERATOR Hook CLEANING NEEDLE to ECCENTRIC BLOCK. Place GENERATOR vertically in its seat. Screw down GENERATOR JAM NUT finger tight.
2. Turn CLEANING TIP crank up and make sure that the NEEDLE gets through the orifice hole. Be careful not to break NEEDLE point when inserting the new GENERATOR.
3. Tighten GENERATOR JAM NUT with a wrench.

**IV. TO PACK AND CARRY**

The carton in which your new lantern arrived makes an excellent carrying case.

To keep it clean and water repellent, give it one or two coats of waterproof shellac or varnish. It will last for years.

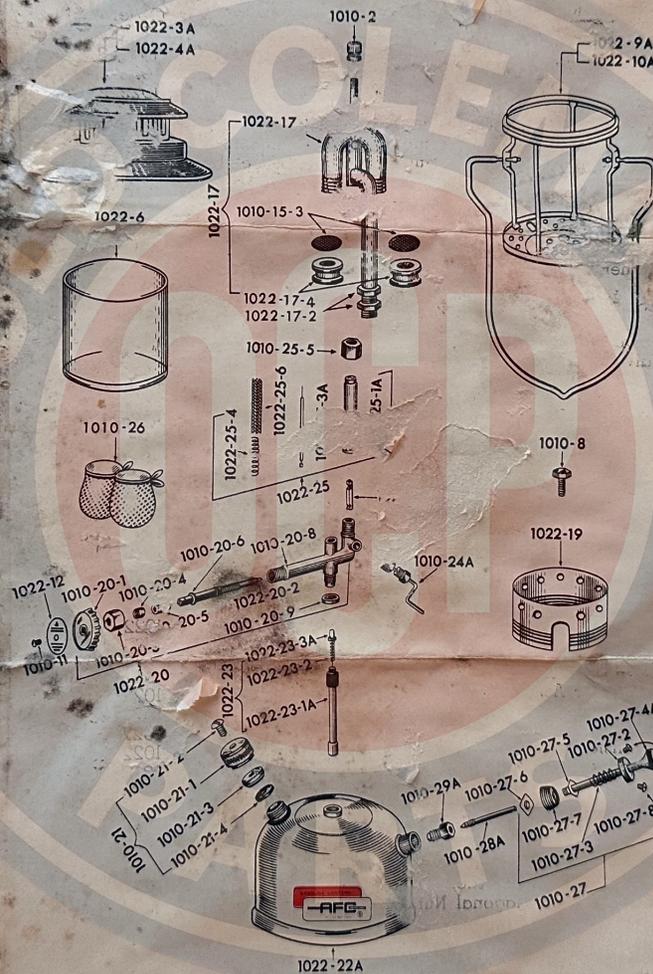
The bumps and jolts of travel will be less apt to damage your mantles if you put a pad of sponge rubber or crumpled paper in the bottom of the carton, and place the lantern in the carton upside down. This takes some of the strain off your mantles and gives it longer life.

**SERVICE STATION**

If your lantern should require any service or repairs, please contact our office.



**PARTS USED IN ASSEMBLY**



Many of the above listed parts are interchangeable with replacement parts of other brand pressure lanterns.

**PARTS LIST FOR "MODEL 1022" GASOLINE LANTERN**

Description	Order Part No.
Hook Nut	1010
Hood (6 3/4 Diameter)	1022-4
Hood (8 5/8 Diameter)	1022-4A
Glass Globe	1022-6
Bottom Plate Screw	1010-20-1
Frame And Handle Assembly (For 6 3/4 Diameter)	1022-17
Frame And Handle Assembly (For 8 5/8 Diameter)	1022-17-1A
Valve Wheel Screw	1010-20-2
Direction Disc	1022-12
Burner Assembly	1022-17-1A
Adjustable Tube Fixed Nuts	1022-17-2
Burner Caps	1010-15-3
Frame Base	1022-17-4
Control Valve Assembly	1022-19
Valve Wheel	1022-20
Valve Stem	1010-20-1
Valve Stem Pack Cap	1022-20-2
Thick Pack Washer	1010-20-3
Valve Stem Gasket	1010-20-4
Thin Pack Washer	1010-20-5
Valve Body	1010-20-6
Valve Body Gasket	1010-20-8
Filler Assembly	1010-20-9
Filler Cap	1010-21
Filler Cap Screw	1010-21-1
Filler Cap Gasket Holder	1010-21-2
Filler Cap Gasket	1010-21-3
Tank Assembly	1010-21-4
Feed Tube Assembly	1022-22A
Feed Tube	1022-23
Feed Tube Spring	1022-23-1A
Feed Tube Needle	1022-23-2
Cleaning Tip Crank Assembly	1022-23-3A
Eccentric Block	1010-21-5
Generator Assembly	1010-24-5
Generator Tube	1022-25
Cleaning Needle	1022-25-1A
Expansion Wire	1022-25-3A
Generator Jam Nut	1010-25-4
Asbestos Packing	1010-25-5
Mantles	1022-25-6
Pump Plunger Assembly	1010-26
Pump Cap	1010-27
Cushion Spring	1010-27-2
Pump Plunger And Knob	1010-27-3
Leather Cup Hexagon	1010-27-4A
Plunger Nut	1010-27-5
Pump Leather	1010-27-6
Pump Cap Screws	1010-27-7
Air Stem Assembly	1010-27-8
Check Valve Assembly	1010-28A
	1010-29A