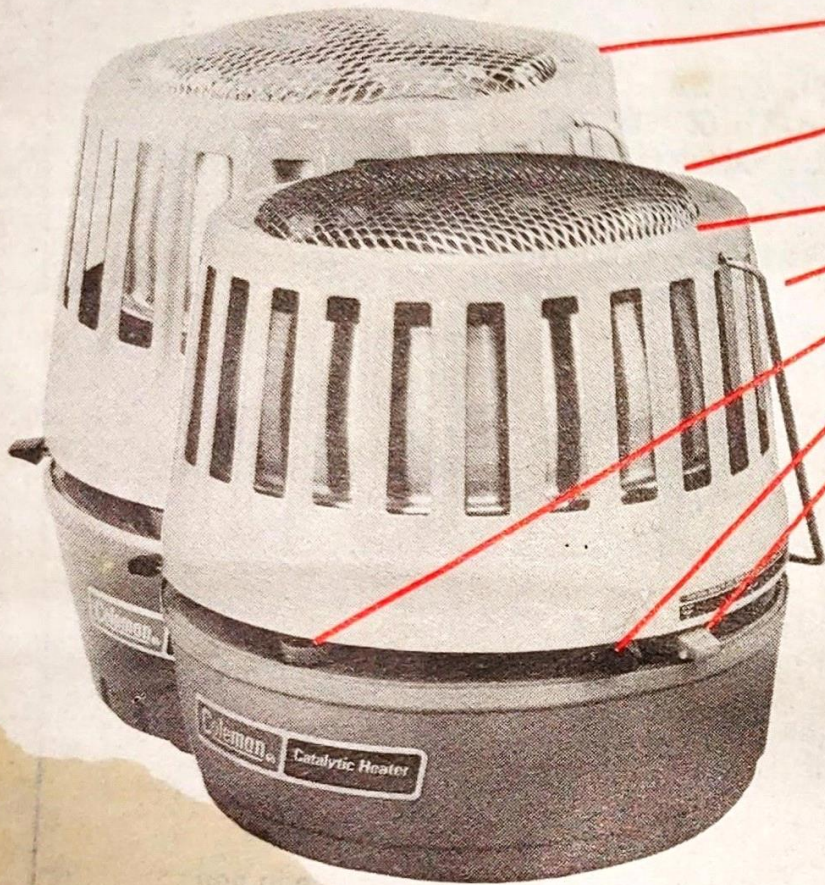


# How To Use and Enjoy Your Coleman Gasoline Catalytic Heater Model 512A708 and Dial-Temp Adjustable Models 513A708 and 515A708

U.S. Patent Nos. 3,343,586; RE26976; 3,382,027; 3,734,682, 225,640;  
225,641; 3,876,365; Other Patents Pending; Canadian Patent 1968.



**Coleman** 



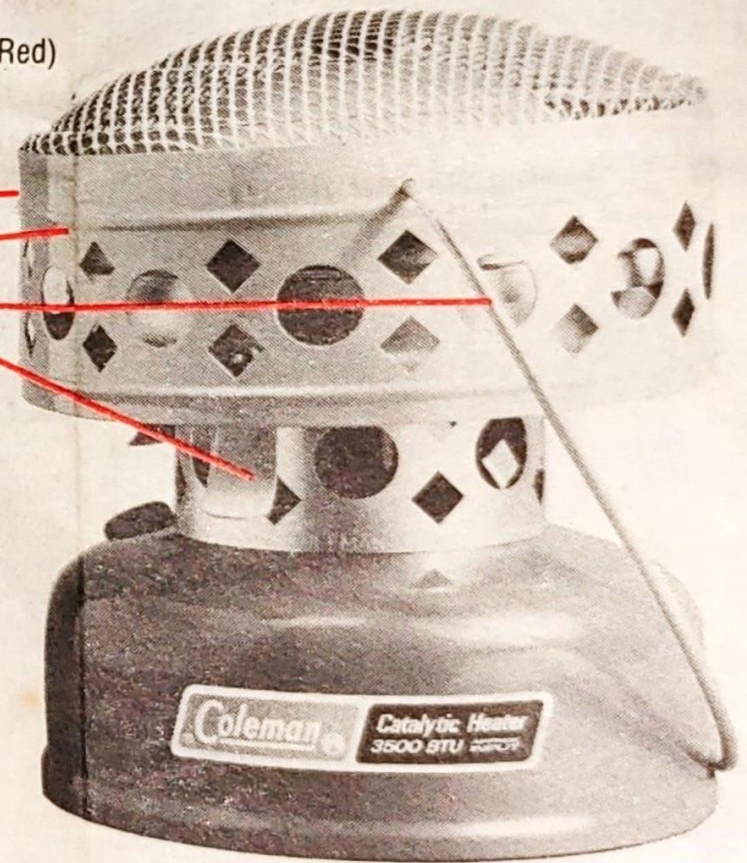
**515A708**

**513A708**

- 1. Canopy
- 2. Bail
- 3. Fuel Cap
- 4. "To Open" Knobs (Black)
- 5. Temperature Adjustment Lever (Red)

**512A708**

- 1. Canopy
- 2. Bail
- 3. "To Open" Clips
- 4. Fuel Cap (not shown)



# 1

## How To Use and Enjoy Your Coleman Gasoline Catalytic Heater Model 512A708 and Dial-Temp Adjustable Models 513A708 and 515A708

### **WARNING:**

THIS APPLIANCE CONSUMES OXYGEN. PROVIDE AMPLE VENTILATION UTILIZING AT LEAST TWO OPENINGS, PREFERABLY ONE HIGH AND ONE LOW ON OPPOSITE WALLS.

PROVIDE ADDITIONAL VENTILATION FOR ANY ADDITIONAL FUEL BURNING APPLIANCES.

### **Cautions:**

- 1. READ THESE INSTRUCTIONS THOROUGHLY.**
2. Never loosen or remove fuel cap while starter flame is burning, heater is near open flame or other heat sources.
3. Store fuel in a clean, properly marked, metal container away from open flame or excessive heat.
- 4. ALWAYS LIGHT HEATER OUTDOORS IN AN OPEN AREA.** Starter flame will burn 2-3 feet under normal lighting conditions.
5. Never allow tents, sleeping bags, clothing or other combustible materials to come within two feet of the top and one foot on all sides of the heater.
- 6. OPERATE HEATER IN UPRIGHT POSITION ONLY.**
7. Do not use any device or part not expressly approved by the Coleman Company, Inc.
8. This heater is designed as a heating device only. Do not use in any manner not expressly approved by the Coleman Company, Inc.
- 9. KEEP OUT OF REACH OF CHILDREN.**

# 2

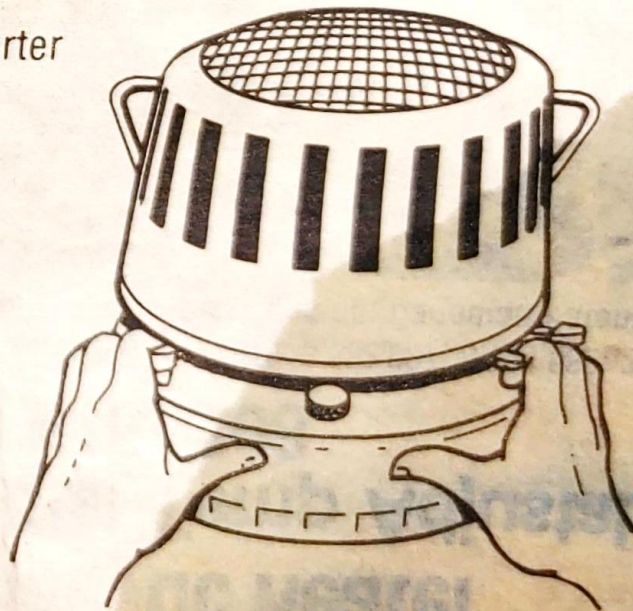
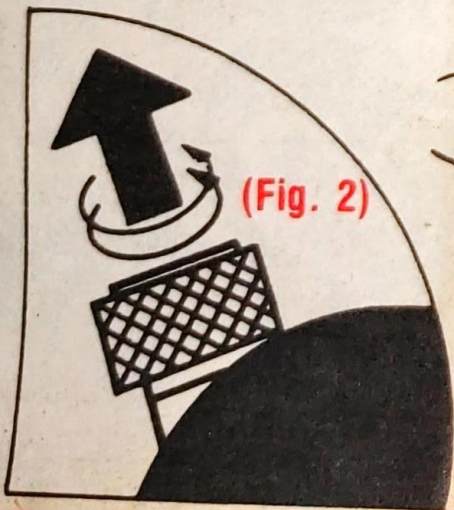
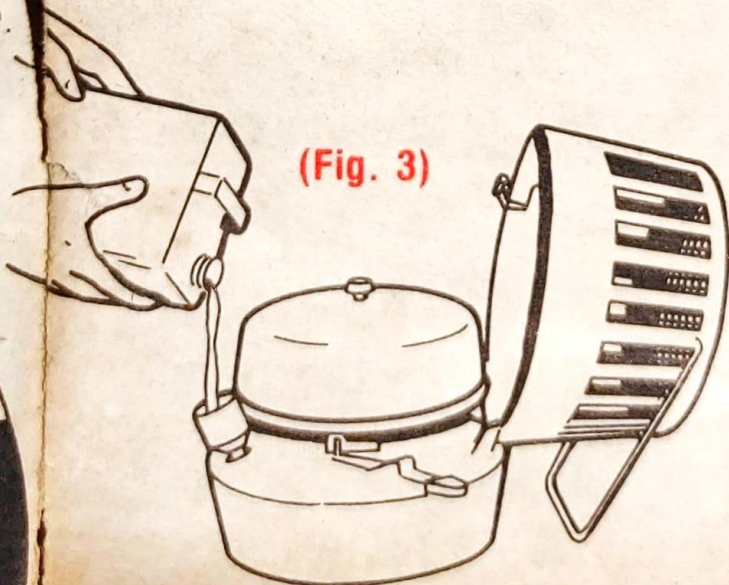
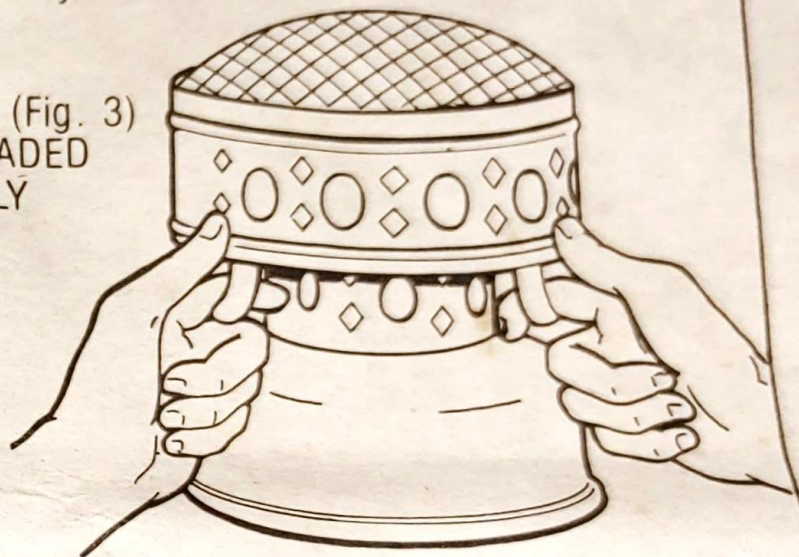
## To Fill Tank

1. Open canopy by pulling spring clips or black knobs at bottom edge of canopy (Fig. 1) Swing canopy back out of the way.
2. Heater must be in a level position. Do Not Tip.
3. Remove fuel cap. (Fig. 2)
4. Use a funnel and fill only with Coleman Liquid Fuel. (Fig. 3)  
NEVER USE CONTAMINATED WHITE GASOLINE OR LEADED GASOLINE. UNLEADED GASOLINES WILL DRASTICALLY SHORTEN THE LIFE OF YOUR PRODUCT.
5. Replace fuel cap and tighten. WIPE OFF ANY SPILLED FUEL

**Caution: Never loosen or remove fuel cap while starter flame is burning, heater is near open flame or other heat sources.**

Tank capacity: Model 512A708 — 2 quarts  
513A708 — 3 quarts  
515A708 — 6 quarts

**6. REFILLING** Never loosen or remove fuel cap while starter flame is burning, heater is near open flame or other heat source.



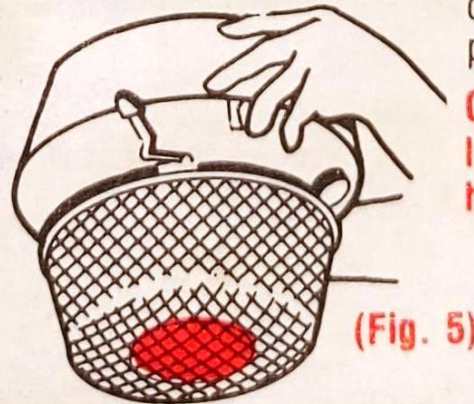
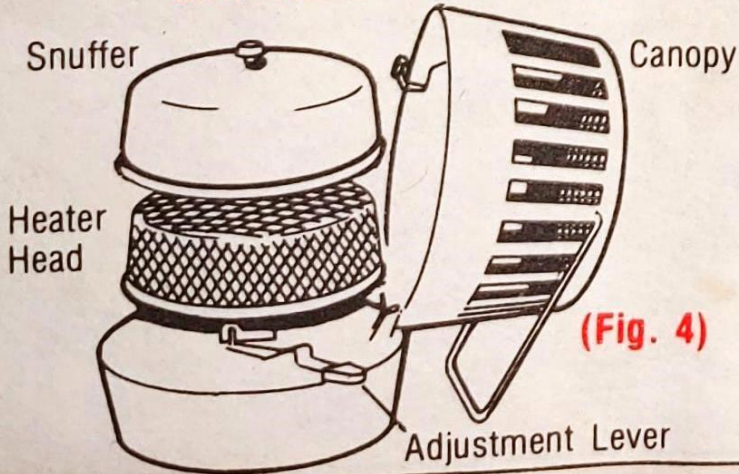
(Fig. 1)

# 3

## To Light Model 512A708

1. **ALWAYS LIGHT HEATER OUTDOORS IN AN OPEN AREA.** Starter flame will burn approximately 2-3 feet under normal lighting conditions.
2. Open canopy (Fig. 1) and remove snuffer from heater head (Fig. 4).
3. Hold heater upside down until a 2" diameter spot of fuel appears. (Fig. 5) In temperature below freezing spot should be 3" to 4".
4. Turn heater right side up and with canopy open light fuel spot. (Fig. 6)
5. Allow starter flame to burn until flame completely goes out.
6. Close canopy. Heater should reach maximum output in 15-20 minutes, slightly longer for new heater. With new heater there may be slight odor of hot paint.
7. If no heat is felt after 15 minutes, open canopy and repeat lighting procedure.

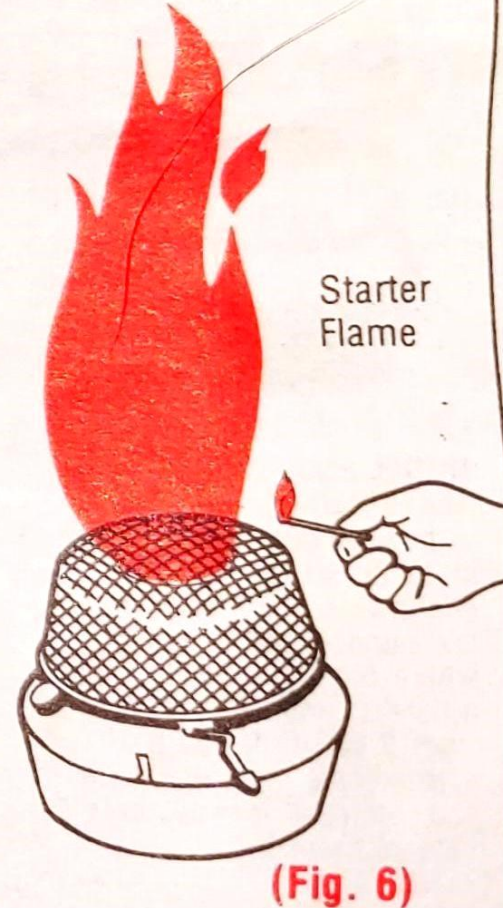
**CAUTION: Never attempt to repeat lighting procedure until starter flame has gone out.**



## Models 513A708, 515A708

1. **ALWAYS LIGHT HEATER OUTDOORS IN AN OPEN AREA.** Starter flame will burn approximately 2-3 feet under normal lighting conditions.
2. Open canopy (Fig. 1) and remove snuffer from heater head (Fig. 4).
3. Set red adjustment lever to "Start".
4. Hold heater upside down until a 2" diameter spot of fuel appears on **Model 513A708** (3" diameter spot on **Model 515A708**). In temperatures below freezing increase diameters of spots by 1".
5. Turn heater right side up and with canopy open light fuel spot. (Fig. 6)
6. Allow starter flame to burn until flame completely goes out.
7. Close canopy. Heater should reach maximum output in 15-20 minutes, slightly longer for new heater. With new heater there may be slight odor of hot paint.
8. If no heat is felt after 15 minutes, open canopy and repeat lighting procedure.

**CAUTION: Never attempt to repeat lighting procedure until starter flame has gone out.**



## 4 To Extinguish

1. Open canopy cover and place snuffer firmly over heater head.
2. Close canopy.

NOTE: Do not pack heater until it has cooled 20-30 minutes.

## 5 To Transport

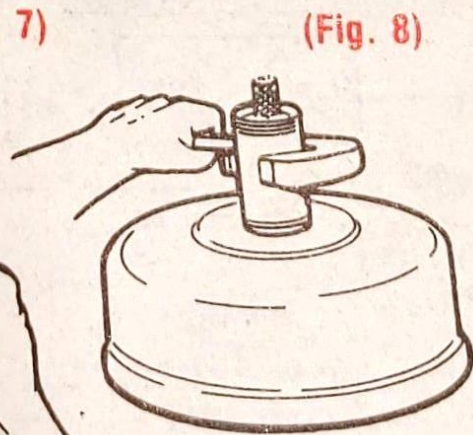
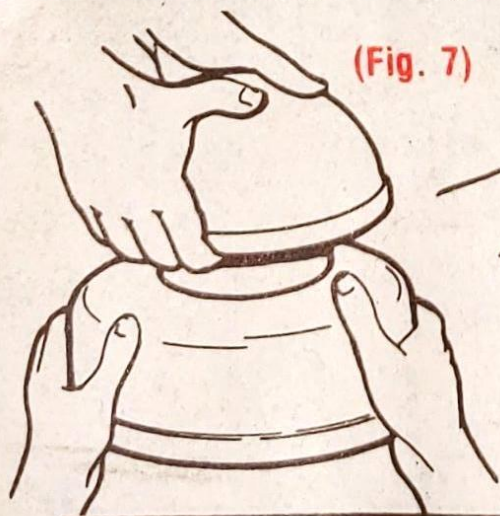
Before travel secure heater in upright position to avoid possible fuel spillage.

## 6 Replacing The Wick

USE ONLY COLEMAN LIQUID FUEL. NEVER USE CONTAMINATED WHITE GASOLINE OR LEADED GASOLINE. UNLEADED GASOLINES WILL DRASTICALLY SHORTEN THE LIFE OF YOUR PRODUCT.

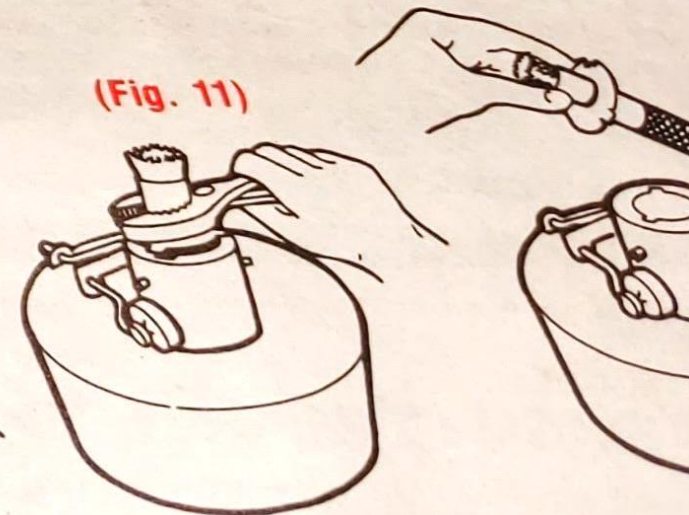
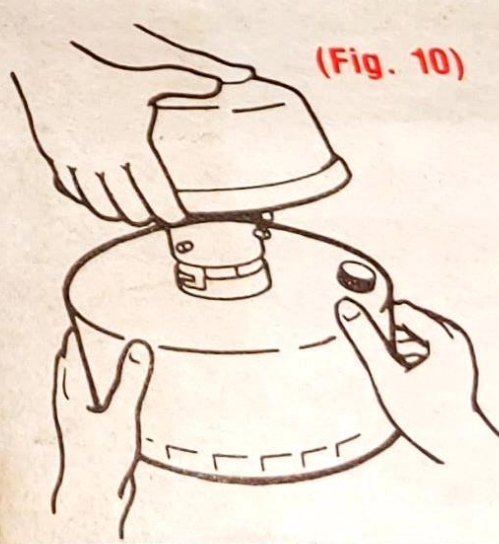
### Model 512A708

1. Remove canopy and head by rotating to the left, counter-clockwise. (Fig. 7)
2. Using a pipe wrench, remove spacer tube. Lift out old wick assembly and gasket. (Fig. 8)
3. **Carefully** unwrap corrugated protector pad from wick. Be sure sealing tape comes off clean. **DO NOT SLIDE** protector pad off of the wick—open it up and unwrap it. The new wick is tied with asbestos string to prevent the top of it from fraying out. Be careful in handling and installing that this tie is not disturbed. Straighten bottom of wick so that it will contact bottom of tank.
4. Install new gasket. Set new wick in place. Screw down spacer tube firmly. Insert fibre-glass filter in top of spacer tube, making sure filter is  $\frac{3}{8}$ " below top of wick tube. (Fig. 9)
5. Reinstall head, reversing instructions.



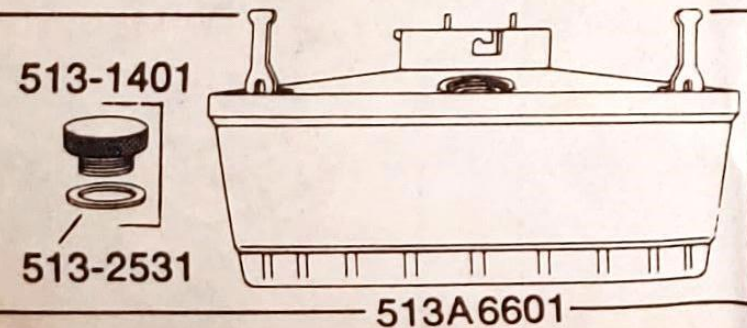
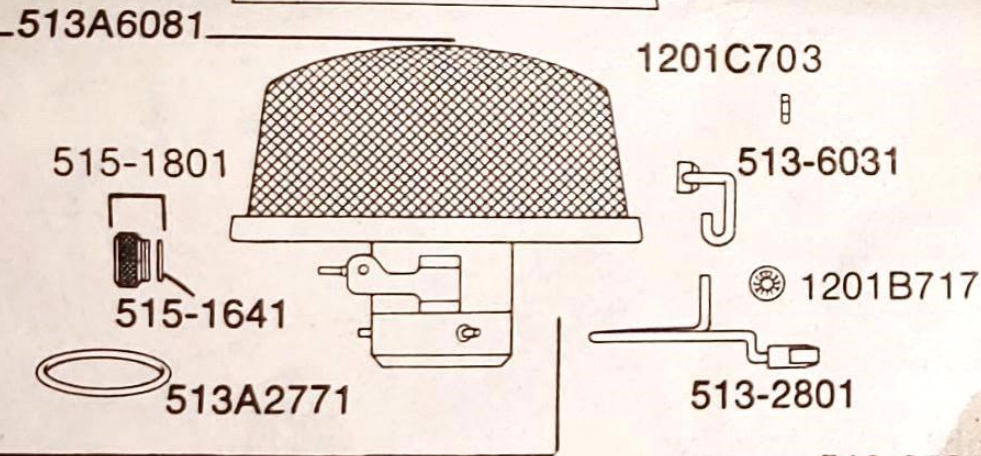
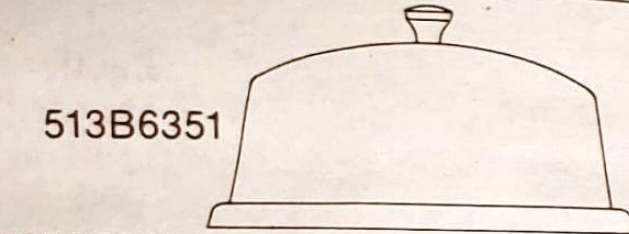
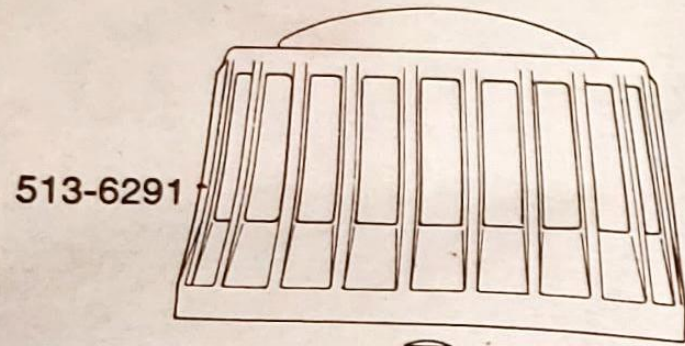
### Models 513A708 and 515A708

1. Set red heat control lever to middle position.
2. Open canopy.
3. Place snuffer on heater head.
4. Grasp heater head with both hands, exerting downward pressure turn heater head slightly counter clock-wise and lift off. It may assist in removing the head if you have a helper hold tank from turning. (Fig. 10)
5. Turn metal sleeve on exposed wick until it unlocks and lift out old wick. (Fig. 11)
6. Replace with new wick, making certain new wick is inserted into tube in catalytic heater head (Fig. 12).
7. Discard old "O" ring and replace with new "O" ring provided.
8. Reinstall head, reversing instructions.



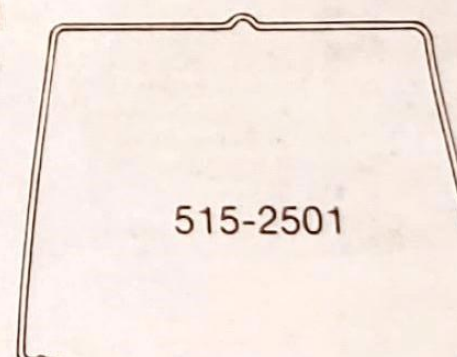
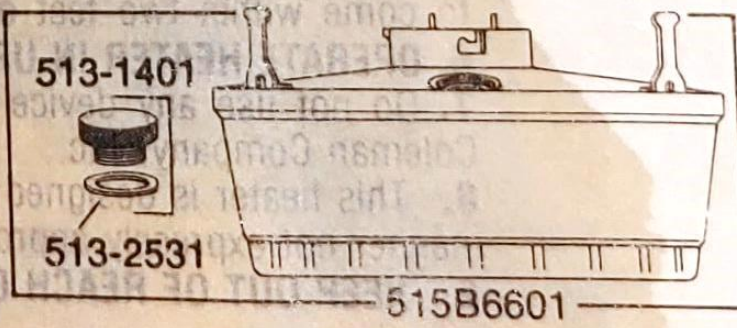
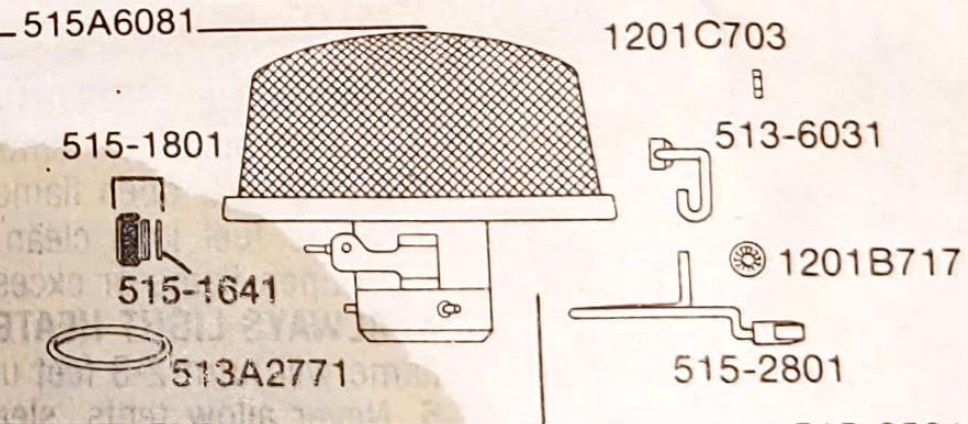
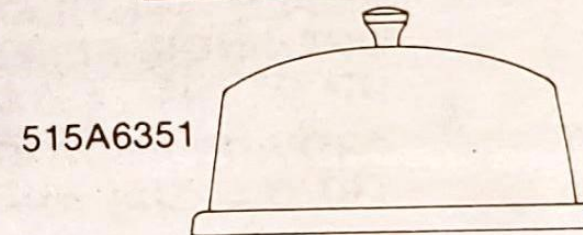
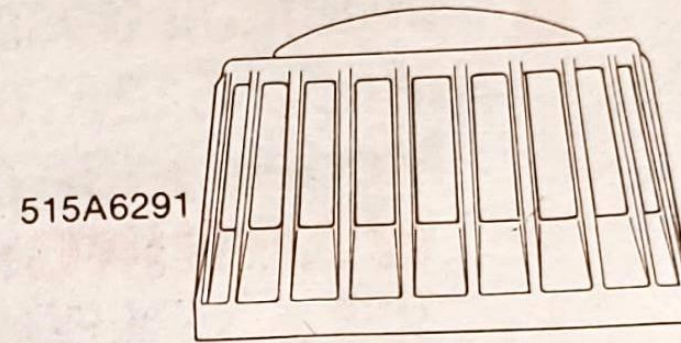
# Model 513A708

PART NUMBER	DESCRIPTION
8B206	Canopy Enamel, Light Green
8B207	Fount Enamel, Dark Green
513-1401	Fuel Cap Assembly
513-2531	Fuel Cap Gasket
513-2501	Bail
513A2771	"O" Ring
513-2801	Adjusting Arm Assembly
513-6031	Crank Assembly
513A6081	Head Assembly
513-6291	Canopy Assembly
513-A6351	Snuffer
513-6561	Wick Assembly
513A6601	Fount Assembly
515-1801	Cap and Gasket
515-1641	Ball Gasket
1201B717	Push Nut
1201C703	Pal Nut

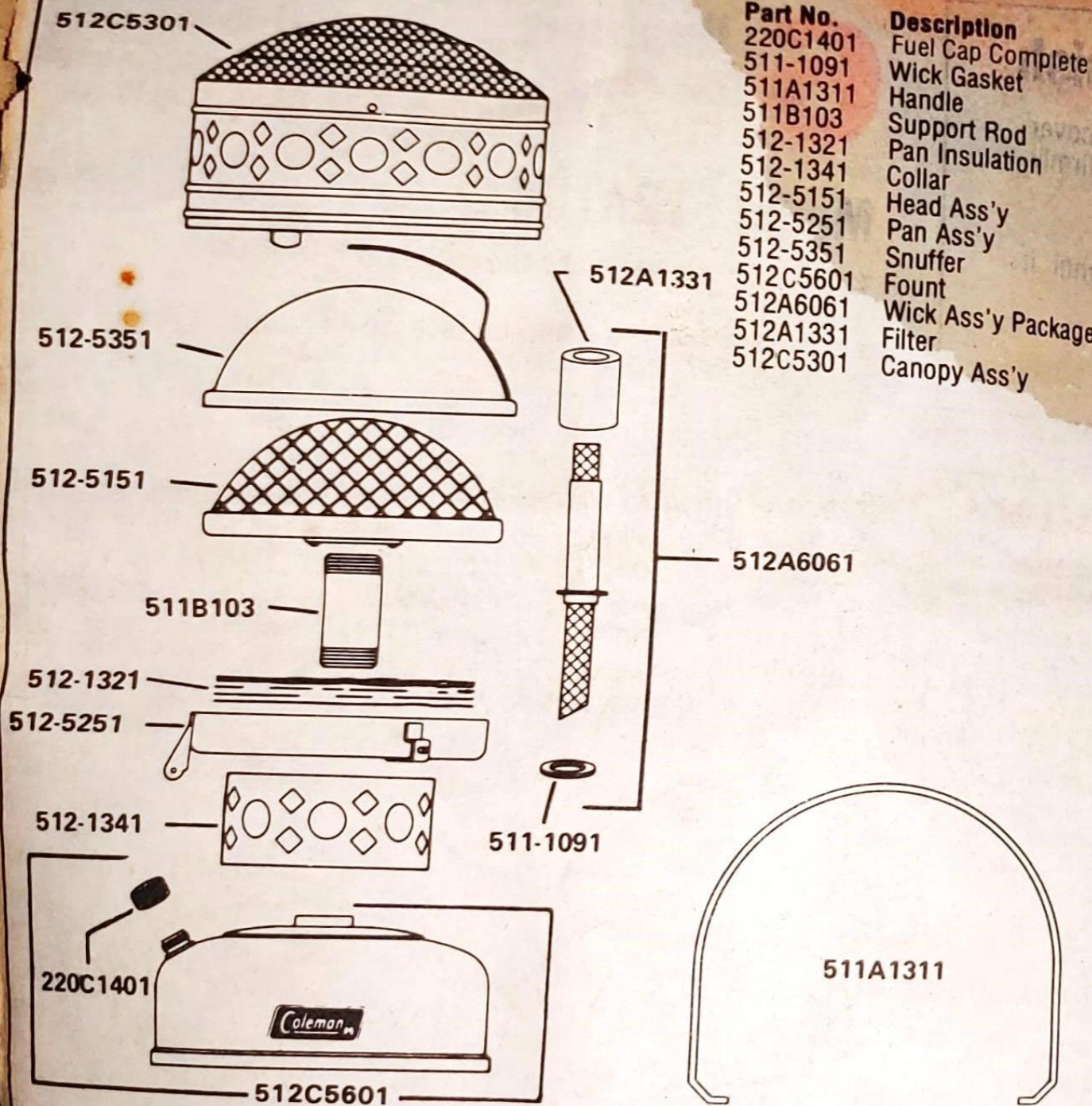


# Model 515A708

PART NUMBER	DESCRIPTION
8B206	Canopy Enamel Light Green
8B207	Fount Enamel Dark Green
513-1401	Fuel Cap Assembly
513-2531	Fuel Cap Gasket
513-6031	Crank Assembly
513A2771	"O" Ring
515-1801	Cap and Gasket
515-1641	Ball Gasket
515-2501	Bail
515-2801	Adjusting Arm Assembly
515A6291	Canopy Assembly
515-6561	Wick Assembly
515A6081	Head Assembly
515A6351	Snuffer
515B6601	Fount Assembly
1201B717	Push Nut
1201C703	Pal Nut

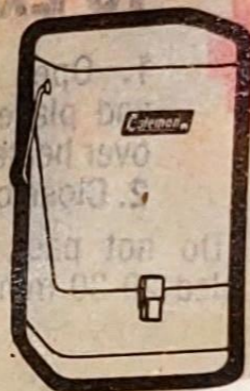


# Model 512A708



Part No.	Description
220C1401	Fuel Cap Complete
511-1091	Wick Gasket
511A1311	Handle
511B103	Support Rod
512-1321	Pan Insulation
512-1341	Collar
512-5151	Head Ass'y
512-5251	Pan Ass'y
512-5351	Snuffer
512C5601	Fount
512A6061	Wick Ass'y Package
512A1331	Filter
512C5301	Canopy Ass'y

## Coleman Lantern Accessories



Durable all-metal case with bail handle... the easy way to store and transport your Coleman Lantern. Protects lantern against dirt, dust, dents, broken globes. Mantles last longer, too. Soocial plastic base insures snug fit. Use with concave side up for lantern equipped with Coleman Accessory Safe... flat side up for lantern without safe. Lantern can be stored hot! Just make sure valve is completely closed and flame is off.



**FILTERING FUNNEL, 199B-1111**, aluminum with strainer and filtering fabric. Removes water, dirt, impurities from fuel. Replacement Filter 199-1091.



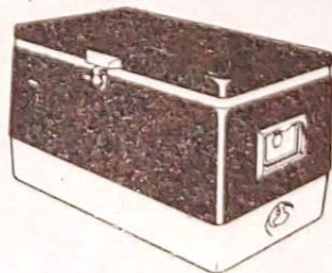
**ACCESSORY SAFE**, includes generator wrench, two spare mantles and a generator. Snaps tightly onto base of lantern. **220A7101** for Coleman 220 or 228 Lanterns.

## Other Coleman Products

**COLEMAN SNOW-LITE® COOLERS.** Modern living demands modern proportions. Voted exactly right by thousands of discriminating customers. Insulated with urethane foam and featuring new recessed chrome-plated handles. Cam-type latch with protective shield locks with a twist of the wrist, can't be jarred open—can't be locked accidentally. Rugged Snow-Lite used in a seamless interior and rust-proof base.



**MODEL 513A708 CATALYTIC HEATER.** Here's the safe way to provide comfortable heat in tents, trailers, campers, duckblinds, ice fishing huts and hundreds of other areas where heat is needed. Two different models ranging from 3,000 to 8,000 BTU's approximate input. Lets you increase or decrease heat as needed.



**MODEL 413G499 CAMP STOVE.** Join the fun! Select your favorite model and enjoy delicious food everywhere—and for less cost than restaurant meals. Coleman Camp Stoves fold like a suitcase, cook like a range, and cook meals for days on a tank of Coleman fuel. Available in two- or three-burner models. Also available, Coleman Camp Oven: lets you bake to perfection anywhere, and Teflon Griddle for stove-top artistry.





## **WARNING:**

**THIS APPLIANCE CONSUMES OXYGEN. PROVIDE AMPLE VENTILATION UTILIZING AT LEAST TWO OPENINGS, PREFERABLY ONE HIGH AND ONE LOW ON OPPOSITE WALLS.**

**PROVIDE ADDITIONAL VENTILATION FOR ANY ADDITIONAL FUEL BURNING APPLIANCES.**

## **Cautions:**

- 1. READ THESE INSTRUCTIONS THOROUGHLY.**
- Never loosen or remove fuel cap while starter flame is burning, heater is near open flame or other heat sources.
- Store fuel in a clean, properly marked, metal container away from open flame or excessive heat.
- 4. ALWAYS LIGHT HEATER OUTDOORS IN AN OPEN AREA.** Starter flame will burn 2-3 feet under normal lighting conditions.
- Never allow tents, sleeping bags, clothing or other combustible materials to come within two feet of the top and one foot on all sides of the heater.
- 6. OPERATE HEATER IN UPRIGHT POSITION ONLY.**
- Do not use any device or part not expressly approved by the Coleman Company, Inc.
- This heater is designed as a heating device only. Do not use in any manner not expressly approved by the Coleman Company, Inc.
- 9. KEEP OUT OF REACH OF CHILDREN.**

## **Things You Should Know:**

### **1. APPROXIMATE BTU INPUT AND APPROXIMATE BURNING TIME BY MODEL.**

<b>Model</b>	<b>Approx. BTU Input</b>	<b>Approx. Burning Time*</b>
512A708	3,500	18-20 hours
513A708	Adjustable 3,000 to 5,000	28-30 hours on low adjustment
515A708	Adjustable 5,000 to 8,000	28-32 hours on low adjustment

\*Approximate burning time from a full tank of fuel.

**2. USE ONLY COLEMAN LIQUID FUEL. NEVER USE CONTAMINATED WHITE GASOLINE OR LEADED GASOLINE. UNLEADED GASOLINES WILL DRASTICALLY SHORTEN THE LIFE OF YOUR PRODUCT.**

**3.** If necessary to write the service center or the factory, refer to your heater by specific model number: 512A708, 513A708, 515A708.

**4.** If heater fails to operate satisfactorily, refer to directory packaged with product for list of Coleman service centers.