

# Technical Bulletin M1583

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## Wildfire Pacific Drip Torch

No. 84975

Wildfire Pacific Drip Torch

No. 85051

Truck Bracket



### Wildfire Pacific Drip Torch

#### Product Description

Lightweight drip torch features high-strength aluminum alloy tank with full-length handle, smooth domed-top to prevent fuel accumulation, and check valve in cover to protect against flashbacks. Spout can be stored in tank and has 3/32" brass nozzle. Height: 14" closed, 25-1/2" assembled. Diameter: 6". Capacity: 1-1/4 U.S. Gallons. Weight (empty): 5 lbs.

#### Instructions for Use

##### Caution

Backfiring equipment should be used by trained, experienced personnel only. Precautions should be taken to prevent danger to yourself and others. A means of escape should always be located before setting fires where rapid spread may prove hazardous to yourself or others. All petroleum products should be handled with the same precautions as when working with gasoline. Keep torch in good working condition, make sure all connections are tight, inspect on a regular basis and replace any damaged parts with original replacement parts only.

1. Prepare Special Fuel Mixture by adding kerosene to #1 diesel fuel.
  - Start with equal parts of each, adjusting the mixture to a point where the flame will be carried with the fuel.
  - For better ignition, increase the percentage of kerosene.
  - For sustained burning, increase the percentage of diesel fuel.

**Do not use gasoline! Explosive vapors may be released from these mixtures. Handle mixtures accordingly.**

2. Prepare your drip torch for use by removing the locking and spout and fill the tank with 5 quarts of fuel. Wipe off any fuel that may have spilled onto the outside surface of the tank or handle.
  - Remove the discharge spout sealing plug and screw it into the blind threaded socket.
  - Place the spout assembly on the gasket in the mouth of the tank with the

spout exposed and screw the locking down securely. (Torch should never be operated without the gasket because it could cause some fuel to leak onto the outside tank and handle surfaces.)

- Unscrew the breather valve counter-clockwise just enough to open, tip the torch forward, and let fuel trickle onto the igniter.
- Light igniter. The torch is now ready to be used.

**Tank should not be opened or filled near an open flame, hot coals, sparks or while smoking. The tank may contain dangerous vapors!**

3. To operate, hold the torch to your side pointing the igniter away from your body.
  - Gradually tilt the torch forward until the fuel pours over the burning igniter casting a flame along the path you are travelling.
  - To ignite hard to reach areas, snap your wrist upward in order to throw the fire greater distances. (If no flame carries with discharged fuel, reduce the flash-point of fuel by increasing the kerosene proportion of the mixture.)

**Pay special attention to the direction of flame travel when personnel are nearby!**

4. Prior to storage, stand the drip torch upright until the igniter burns out and cools off.
  - After the igniter cools, remove the locking, return the spout to the inside of the tank and replace the locking securely.
  - Unscrew the discharge sealing plug from the blind threaded socket and return it securely to the spout opening.
  - Turn the air breather valve clockwise to close it.

**Carry and store your torch with the same care you would give any fuel tank.**

#### Tech Support 800-430-5566

If you need more information or would like advice from an experienced professional, call our Technical Support team.

#### Sales 800-647-5368

Our sales department will gladly fax you an order form, update you on pricing, or take your order over the phone.

#### Online

[www.forestry-suppliers.com](http://www.forestry-suppliers.com)

For credit card and open account orders, visit our web site to place your order.



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## Wildfire Pacific Drip Torch Replacement Parts

Dia. No.	Stock No.	Description
1	84988	Igniter Assembly
2A	84985	3/32" Bore Nozzle
2B	84986	Igniter Mount Clamp (2 required)
2C	84987	Igniter Mount Clamp Screw (2 required)
3	84984	Spout with Fuel Trap
4	84977	Tank Cover only
5	84983	Chain Assembly
6	84978	Check Valve Ball
7	84979	Check Valve Seat
8	84980	Check Valve Screen
9	84981	Discharge Plug
10	84982	O-Ring for Discharge Plug
11	84993	Breather Valve Assembly
12	84991	Lock Ring
13	84990	Collar Gasket
14		Screw for Chain Assembly

