

DUNLAP BLOW TORCH

NO. 5544 5548

DIRECTIONS FOR OPERATING

FUEL

Use clean, fresh gasoline from a clean container. Old gasoline has lost its volatile elements and will not burn properly. Do not use Benzine, Naphtha, Ethyl or leaded gasoline—they will not give the results you have a right to expect.

TO FILL

1. Make sure that the needle valve is closed by turning handle to the right.
2. Remove pump with a wrench applied to hexagon nut.
3. Fill tank $\frac{3}{4}$ full—positively no more.
4. Replace pump, checking to see that gasket is in place. Screw pump in tightly with a wrench.
5. Wipe any gasoline from outside of torch.
6. Store gasoline container in a safe place at a safe distance from the torch.

TO PRE-HEAT

1. Pump 10 to 15 strokes of air into the tank. Always check for leaks around connections, that may have been caused by damage in transit or through improper use.
2. Hold the palm of the hand firmly against the front opening of the burner—open needle valve to left 2 to 3 full turns, fill drip cup under burner nearly full, then close needle valve by turning to the right. Wipe gasoline off hands.
3. If gasoline spills out of drip cup, wipe dry before igniting.
4. Light gasoline in drip cup with a match. Keep torch out of draft while gasoline in drip cup is burning.
5. When the gasoline in drip cup has burned out, open needle valve 2 to 3 full turns and hold a lighted match at air hole in top of burner or against the lower part of the burner opening.

TO OPERATE

1. If the flame remains yellow after following these instructions for pre-heating, or if a stream of gasoline comes from the burner, it is not sufficiently pre-heated. Close the needle valve and allow the burner to cool sufficiently to place hand over front of burner, then repeat the pre-heating process starting with paragraph 2 under "Pre-Heat".

2. When the torch is burning with a blue flame and a larger and more intense flame is desired, pump on additional 20 to 25 strokes no more; open the needle valve an additional 1 full turn—2 at the most. When you have put a maximum of 40 strokes of pressure into the tank which is $\frac{3}{4}$ full of gasoline and opened the needle valve a maximum of 5 full turns, the torch should operate at a maximum of efficiency.

NOTE: If excessive pressure is built up in the tank by additional pumping, your torch will not operate properly and a hazardous condition can be created. However, as the gasoline supply is used up in burning, more strokes may be added to maintain a good flame.

3. If a good volume of blue flame is not obtained by reasonable pumping, close and open needle valve several times to remove carbon or dirt from the orifice. If satisfactory results are not obtained, the burner may be clogged and in need of cleaning.

4. Should the torch need cleaning or repair, we recommend that it be returned to us, giving full details with your name and address.

TO EXTINGUISH

Close the needle valve gently and make sure that flame is out. Loosen the pump slowly to release the pressure from tank, and then retighten pump.

TO SERVICE — ADJUST ONLY WHEN TORCH IS NOT BURNING

1. Keep packing nut on valve stem tight enough to avoid leakage.
2. If plug-screw leak occurs, repair may be made easily as follows:
 - a. Shut off burner
 - b. Release air pressure from tank
 - c. Loosen plug-screw with screw driver
 - d. Paint thread with plumber's pipe thread cement
 - e. Retighten plug screw
3. Never open needle valve more than 5 full turns.
4. Frequently clean soot deposit from the outside surface of burner.
5. Oil the pump leather occasionally by dropping a few drops of oil through the hole in top of pump cap.

6. When not in use, release the pressure from tank by loosening the pump or filler plug slowly, then relighten firmly. Store torch in a dry place.
2. Do not point the flame against a flat surface, and leave it in that position. This may deflect heat back against the tank, overheating it, and possibly cause internal pressure to build up to a dangerous point.

SAFETY FIRST!

1. Never leave a blow torch while it is burning.

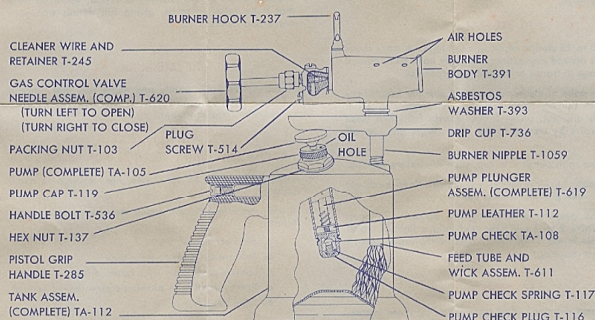
3. Always inspect a blow torch for possible leaks and over-flow gasoline before lighting.

Your DUNLAP Blow Torch will give long, satisfactory service if these suggestions are followed.

REPAIR PARTS LIST

Part No.	Part	Price
TA-112	Tank	\$4.75
T-285	Pistol Grip Handle	.90
TA-158	Burner Complete	6.15
T-391	Burner Body	3.30
T-237	Burner Hook	.21
T-736	Drip Cup & Screw	.45
T-393	Asbestos Washer	.15
T-1059	Nipple	.30
T-611	Feed Tube & Wicking	.31
T-620	Needle, Complete	.90
T-630	Needle and Handle	.60
T-103	Packing Nut	.20
TA-105	Pump, Complete	2.65
T-119	Pump Cap	.25
T-619	Pump Plunger Assembly	.80
T-112	Pump Leather	.15
TA-108	Pump Check	.15
T-117	Pump Check Spring	.15
T-116	Pump Check Plug	.15

DUNLAP TOOLS FOR ECONOMY AND EFFICIENCY



DUNLAP TOOLS ARE SOLD ONLY BY SEARS, ROEBUCK AND CO.

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INSTRUCTIONS FOR



BLOW TORCH

NO. 5544 5548

- One piece cast bronze burner— $\frac{3}{8}$ inch opening
- Self cleaning—replaceable needle
- Comfortable—molded pistol grip handle
- Light weight—well balanced for easy operation
- Safe—double locked seam bottom construction
- Palm fitting reinforced oval pump handle

Here is a quality tool—designed by competent engineers, carefully inspected and given a thorough burning test.

With proper use this torch will give long service and satisfactory performance.

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SAVE THE ENCLOSED INSTRUCTIONS