

HINTS FOR USING AND CARING FOR LANTERN

- CARRY, SHIP, AND STORE LANTERN IN AN UPRIGHT POSITION
- AVOID JARRING
- PROVIDE VENTILATION
- CLEAN METAL PARTS WITH PD680 SOLVENT, NOT GASOLINE
- USED STRAINED FUEL WHEN POSSIBLE
- SAVE ORIGINAL CONTAINER FOR REPACKING



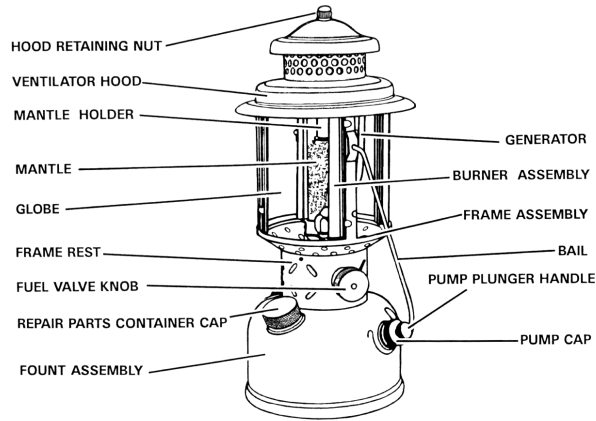
GASOLINE LANTERN OPERATION AND USER MAINTENANCE

**GTA 10-01-010B
SUPERSEDES GTA 10-15**

DISTRIBUTION: U.S. ARMY TRAINING SUPPORT CENTERS (TSCs)

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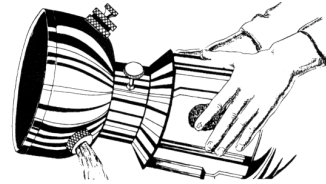
GASOLINE LANTERN



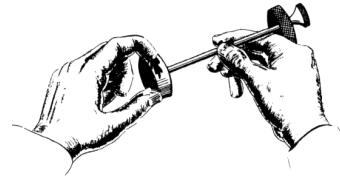
OPERATION AND USER MAINTENANCE

1

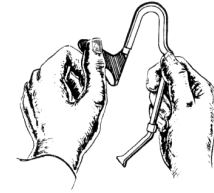
CARE OF SPECIAL PARTS



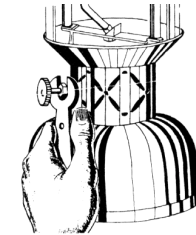
THE FOUNT SHOULD NOT BE CLEANED WITH GASOLINE. IT SHOULD BE CLEANED WITH PD680 SOLVENT.



P10 OIL SHOULD BE USED FOR THE LEATHER PUMP CUP.



REMOVE CARBON FROM GENERATOR WITH PRICKLER NEEDLE.

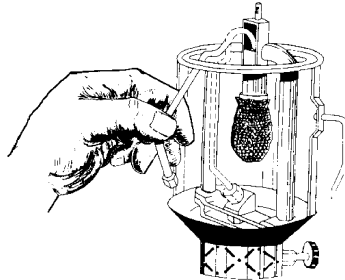


KEEP VALVE PACKING UNIT TIGHT.

6

REPLACING GENERATOR

- REMOVE VENTILATOR HOOD AND GLOBE.
- UNSCREW LOCKNUT AT BOTTOM OF GENERATOR WITH SPECIAL WRENCH THAT COMES IN THE WRENCH ASSEMBLY.
- LIFT GENERATOR FROM SEAT ON THE ADAPTER NIPPLE AND SLIP THE GENERATOR TIP FROM THE OPENING IN THE BURNER ASSEMBLY.
- RETAIN LOCKNUT FROM OLD GENERATOR UNLESS IT IS DAMAGED OR ITS THREADS ARE WORN. REPLACE A WORN OR DAMAGED LOCKNUT.
- INSERT THE GENERATOR TIP INTO THE BURNER ASSEMBLY AND SEAT THE FLARED END ON THE ADAPTER NIPPLE. TIGHTEN THE LOCKNUT SECURELY.

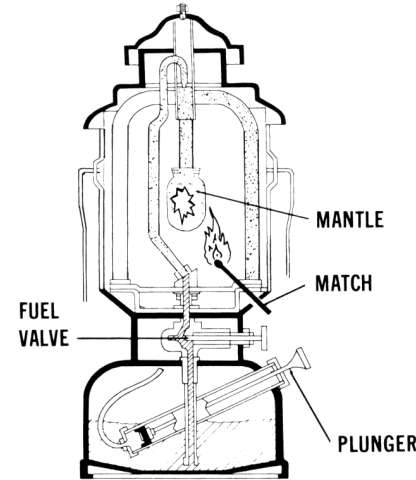


5

LIGHTING THE GASOLINE LANTERN

THE LIGHTING STEPS SHOULD BE IN THE FOLLOWING ORDER:

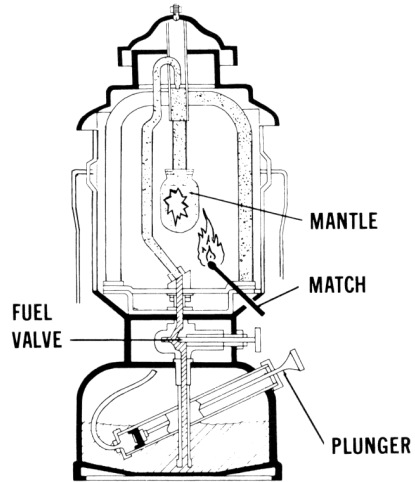
1. RELEASE ANY PRESSURE BY PARTIALLY UNSCREWING THE GASOLINE FILLER CAP. AFTER THE PRESSURE HAS BEEN RELEASED, TIGHTEN THE FILLER CAP FINGER TIGHT.
2. TURN PUMP PLUNGER HANDLE COUNTERCLOCKWISE TWO FULL TURNS TO OPEN AIR CHECK VALVE INSIDE PUMP BARREL.
3. PUMP 15 TO 25 FULL STROKES OF PRESSURE BY PLACING THE THUMB FIRMLY OVER THE SMALL HOLE IN THE END OF THE PUMP PLUNGER ON THE DOWN STROKE, AND LIFTING THE THUMB FROM THE HOLE ON THE UP STROKE.
4. PUSH THE PUMP PLUNGER DOWN AS FAR AS IT WILL GO. CLOSE AIR VALVE BY TURNING THE PUMP PLUNGER HANDLE FULLY CLOCKWISE FINGER TIGHT.
5. HOLD LIGHTED MATCH UNDER THE MANTLE.



(CROSS SECTION)

2

LIGHTING THE GASOLINE LANTERN (CONT)



(CROSS SECTION)

6. AT THE SAME TIME, TURN THE FUEL VALVE ONE-QUARTER TURN COUNTERCLOCKWISE.
7. WHEN THE MANTLE STARTS BURNING BRIGHTLY, GRADUALLY OPEN THE FUEL VALVE AS FAR AS POSSIBLE.
8. IF LIGHT DIMS, PUMP SEVERAL STROKES.

*TO EXTINGUISH LANTERN, CLOSE THE FUEL VALVE KNOB CLOCKWISE AS FAR AS IT WILL GO.

REPLACING MANTLE

- UNSCREW THE HOOD RETAINING NUT AND REMOVE THE VENTILATOR HOOD AND GLOBE QUADRANTS.
- TAKE OFF ANY RESIDUE OF THE OLD MANTLE AND STRING.
- SLIP A NEW MANTLE OVER THE END ON THE MANTLE HOLDER AND TIGHTEN THE DRAWSTRING FIRMLY OVER THE MANTLE HOLDER.
- PARTIALLY UNSCREW FUEL FILLER CAP TO RELEASE ANY PRESSURE IN THE FOUNT.
- APPLY A MATCH TO THE MANTLE UNTIL THE RAYON IS BURNED OFF AND ONLY THE WHITE ASH IS LEFT.
- REPLACE THE GLOBE, VENTILATOR HOOD, AND HOOD RETAINING NUT.

