

TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT MAINTENANCE
MANUAL INCLUDING REPAIR PARTS LIST
FOR

CLEANER, STEAM PRESSURE
MODEL 200-AO

(NSN 4940-00-186-0027)

AMERICAN KLEANER MFG. CO., INC.

This copy is a reprint which includes current
pages from Change 1.

TECHNICAL MANUAL }
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HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 16 October 1981

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT
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MANUAL INCLUDING REPAIR PARTS LIST

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CLEANER, STEAM PRESSURE
MODEL 200-A0
(NSN 4940-00-186-0027)

REPORTING OF ERRORS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished directly to you.

NOTE

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom this equipment is issued.

Manufactured by: American Kleaner Mfg. Co., Inc.
9415 Kruse Road
Pico Rivera, CA 90660

Procured under Contract No. DAAA09-79-C-4918

This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310SWO-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

**INSTRUCTIONS FOR REQUISITIONING PARTS
NOT IDENTIFIED BY NSN**

When requisitioning parts not identified by National Stock Number, it is mandatory that the following information be furnished the supply officer.

- 1- Manufacturer's Federal Supply Code Number -94774
- 2- Manufacturer's Part Number exactly as listed herein.
- 3- Nomenclature exactly as listed herein, including dimensions, if necessary.
- 4- Manufacturer's Model Number -
- 5- Manufacturer's Serial Number (End Item)
- 6- Any other information such as Type, Frame Number, and Electrical Characteristics, if applicable.
- 7- If DD Form 1348 is used, fill in all blocks except 4,5,6, and Remarks field in accordance with AR 725-50.

Complete Form as Follows:

- (a) In blocks 4, 5, 6, list manufacturer's Federal Supply Code Number - 94774 followed by a colon and manufacturer's Part Number for the repair part.
- (b) Complete Remarks field as follows:
Noun: (nomenclature of repair part)
For: NSN:
Manufacturer: American Kleaner Mfg. Co., Inc.
9415 Kruse Road
Model: Pico Rivers, CA 90660
Serial: (of end item)
Any other pertinent information such as Frame Number, Type, Dimensions, etc.

MODEL 200-AO

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A NOTE ABOUT YOUR HEATER SYSTEM

For each pound of fuel burned in your heating system a pound of water (moisture) is created. Most of this moisture is carried away by the hot exhaust gases, however, a certain amount will remain on the walls of the heat exchanger (coil) and shell assembly and is commonly referred to as "sweating".

This "sweating" is particularly noticeable on new equipment, in extremely humid climates, or during periods of frequent usage for short duration of time wherein the heating system does not have the opportunity to reach and maintain normalized operating temperatures.

Your heating system is designed to control this "sweating" in two ways. The moisture accumulating between the heater coil and heater shell is allowed to drain itself through the lap seal at the bottom of the heater shell assembly; this weeping is normal and is no cause for alarm. The interior moisture accumulating on the interior walls of the heater coil will accumulate through gravity and blower air pressure at the lower vent end of the heater shell assembly where the extreme high temperature of the exhaust gases will evaporate the moisture.

This may be noted as an occasional puff of white smoke (steam) emitting from the heater vent opening. Again, this is normal and no cause for alarm, it simply means the heating system is doing what it was designed to do.

MODEL 200-A0

INTRODUCTION

The MODEL 200-A0 Skid Mounted Pressure Jet Steam Cleaner is fully enclosed cleaner mounted on a frame supported by skids equipped with lifting and towing rungs. The cleaner is designed to heat a predetermined quantity of water with or without a selectable amount of detergent to a certain temperature each hour. The cleaner will operate as a cold water rinse unit or as a steam cleaner at the rate of 200 gallons per hour. This unit is designed for the steam cleaning and decontamination of vehicles and miscellaneous ground equipment by the application of steam vapor with suitable detergents and cold water rinse at a designed operating pressure of 80 to 100 P.S.I.

ACCESSORIES FURNISHED

- 1 - 1/2" I.D. X 25' STEAM HOSE COUPLED
- 1 - 1/2" I.D. X 50' STEAM HOSE COUPLED
- 1 - 3/4" I.D. X 50' WATER SUPPLY HOSE WITH FITTINGS
- 1 - **1" I.D. x 30' SUCTION HOSE WITH FOOT VALVE & STRAINER**
- 1 - 75' x 3 CONDUCTOR ELECTRIC POWER CORD, LESS CONNECTOR
- 1 - CLEANING GUN COMPLETE WITH NOZZLE CONTROL VALVE
- 1 - ROUND HI-IMPACT STEAM NOZZLE
- 1 - 2" FLAT FAN STEAM NOZZLE
- 1 - 4" FLAT FAN STEAM NOZZLE
- 1 - PRESSURE RINSE NOZZLE
- 2 - OPERATOR AND MAINTENANCE INSTRUCTION MANUAL WITH COMPLETE PARTS LIST.

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