

TM 9-4910-687-14&P

TECHNICAL MANUAL

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

SPREADER, TIRE

TYPE I, STYLE A, SIZE I

(NSN 4910-00-725-0326)

(BRANICK RETREAD DIV., APPLIED POWER, INC.)

HEADQUARTERS, DEPARTMENT OF THE ARMY

FEBRUARY 1983

Technical Manual }
No. 9-4910-687-14&P }

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 4 February 1983

Operator's, Organizational, Direct Support
And General Support Maintenance Manual
Including Repair Parts List
For

**SPREADER, TIRE
TYPE I, STYLE A, SIZE I
(NSN 491 0-00-725-0326)**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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 Material Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished direct 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: Branick Retread Division
Applied Power, Inc.
2600 3rd Ave. N., P. O. Box 1937
Fargo, ND 58102

Procured under Contract No. DAAA09-78D-4000

This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, 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. 71082
- 2 - Manufacturer's Part Number exactly as listed herein.
- 3 - Nomenclature exactly as listed herein, including dimensions, if necessary.
- 4 - Manufacturer's Model Number. Type 1, Style A, Size I
- 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 - 71082 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: 4910-00-725-0326
Manufacturer: Branick Retread Division
Applied Power, Inc.
Model: 2600 3rd Ave. N., P.O. Box 1937
Serial: (of end item) Fargo, ND 58102

Any other pertinent information such as Frame Number, Type, Dimensions, etc.

WARRANTY STATEMENT

This product is warranted against defects in workmanship and material for one year from date of delivery to user, except for the following items on which a 90 day warranty applies: Models TJ-20, EL-200, EL-250, EL-500, ALJ, PHJ, BCL, TTC and DWL. Chain is not warranted. Warranty does not cover ordinary wear and tear, abuse, overloading, altered products or use of improper fluid. The above warranty privileges are subject to the standard warranty policies in effect at the time of purchase by user.

REPAIR PARTS WARRANTY STATEMENT

Replacement parts are warranted against defects in workmanship and material for 90 days from date of delivery to user. Chain is not warranted. Warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products or use of improper fluid.

WARRANTY RETURN PROCEDURE

When question of warranty claim arises on products under one year warranty, contact the manufacturer. When question of warranty arises on items under 90 day warranty the user should send his unit and/or parts to the nearest manufacturer for inspection, transportation to be prepaid and evidence of purchase date furnished. If the claim comes under the terms of our warranty, the Authorized Service Depot will REPAIR OR REPLACE PARTS AFFECTED and return prepaid.

COMMERCIAL WARRANTY

This equipment is warranted to the original commercial user-owner against defective materials or workmanship for a period of one year from the date of delivery, except for Models TJ-20, EL-200, EL-250, EL-500, ALJ, PHJ, BCL, TCC, DWL and RSL, which are warranted for ninety (90) days. During the warranty period, equipment found to be defective will be repaired or replaced (at the warrantor's option) without charge. The equipment must be returned, transportation charges prepaid, with proof of delivery date to the manufacturer. The repaired or replaced equipment will be returned with transportation charges prepaid by the manufacturer. This warranty does not cover defects in the equipment caused by ordinary wear and tear, abuse, misuse, overloading, accident (including shipping damage), improper maintenance, alteration, use of improper fluids, or any other cause not the result of defective materials or workmanship.

REPAIR OR REPLACEMENT IS THE EXCLUSIVE REMEDY FOR DEFECTIVE EQUIPMENT UNDER THIS WARRANTY. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ON THIS EQUIPMENT. THE WARRANTOR SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS EQUIPMENT, WHEN THE QUESTION OF WARRANTY CLAIMS ARISE, CONTACT THE MANUFACTURER.

Operating Instructions
Floor Type Tire Spreader
MODEL S-FLL

OPERATING INSTRUCTIONS

Spreader has been shipped completely assembled.

Remove wrappings and barrier material from air valves.

Place tire roll up plate in center of front and hook over angle base.

Roll tire onto support rollers. Slide hooks up to proper level for tire size. Hooks should slope slightly upward to tire. Insert fast pins in arms. Then swing hooks into tire beads.

Step on spread valve to spread tire. Valve will hold tire at desired spread width. To release spread step on valve marked, "release". When hooks are fully relaxed, swing hooks out of tire.

The spreader will handle the complete range of tires from 7.50-10 four-ply through 16.00-24.5 twenty-ply. Maximum spread is 16 inches.

MAINTENANCE

Oil the pivot points of hook pivot and arm pivot through oil hole in sleeves. The vertical posts may be waxed to make hook assemblies slide easier.

Oil the tire support roller shafts at brackets. Oil pivot points at piston rod and cylinder end connections.

Each six months remove air cylinder cover plate and remove piston and rod. Clean thoroughly. Replace 1/2 cup of oil in rear of cylinder through pipe tee on end of cylinder after cylinder has been reassembled.

Repair Parts Information

Floor Type Tire Spreader

MODEL S-FLL-5 1/4"

