

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT

AND GENERAL SUPPORT

MAINTENANCE MANUAL

SPREADER, AGGREGATE; TOWED; FORCE FEED;

PNEUMATIC TIRES; 8-FT. WIDTH

(BURCH CORP MODEL FF-8)

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HEADQUARTERS, DEPARTMENT OF THE ARMY
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WASHINGTON, D.C., 26 June 1971**ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT
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		Paragraph	Page
CHAPTER 1.	INTRODUCTION		
Section I.	General		
	Scope	1-1	1-1
	Maintenance forms and records.....	1-2	1-1
	Reporting of errors.....	1-3	1-1
Section II.	Description and Data		
	Description	1-4	1-1
	Tabulated data.....	1-5	1-1
CHAPTER 2.	ORGANIZATIONAL MAINTENANCE INSTRUCTIONS		
Section I.	Service Upon Receipt of Materiel		
	Inspection and servicing the equipment.	2-1	2-1
	Installation	2-2	2-1
Section II.	Movement to a New Worksite	2-4	2-3
	Dismantling for movement		
	Reinstallation after movement to a new worksite	2-3	2-3
Section III.	Repair Parts, Special Tools and Equipment		
	Tools and equipment	2-5	2-4
	Special tools and equipment	2-6	2-4
	Repair Parts.....	2-7	2-4
Section IV.	Lubrication Instruction		
	General lubrication information.....	2-8	2-4
	Detailed lubrication information.....	2-9	2-4
Section V.	Preventive Maintenance Checks and Services		
	General	2-10	2-4
	Preventive maintenance checks and services.....	2-11	2-4
Section VI.	Troubleshooting		
Section VII.	Maintenance of Aggregate Spreader		
	General	2-12	2-6
	Transport wheel assembly	2-13	2-6
	Tires and tubes.....	2-14	2-8
	Truck hitch assembly	2-15	2-8
	Transport tongue	2-16	2-8
	Roller assembly.....	2-17	2-8
	Spreader hitch assembly.....	2-18	2-9
	Gate adjustment lever	2-19	2-9
	Agitator assembly	2-20	2-9
	Feed roll assembly.....	2-21	2-9
	Chains	2-22	2-10
	Wheel bearings.....	2-23	2-10

***This manual together with TM 5-3895-330-10 17 May 1971 supersedes TM 5-3895-330-15, 6 November 1969.**

		Paragraph	Page
Section VII.	Maintenance of Aggregate Spreader		
(Cont'd)	Traction wheel assembly.....	2-24	2-10
	Hopper assembly.....	2-25	2-11
	Gate assembly.....	2-26	2-11
	Drive shaft.....	2-27	2-12
	Clutch control lever.....	2-28	2-12
	Clutch.....	2-29	2-12
	Gear box assembly.....	2-30	2-12
CHAPTER 3.	DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE INSTRUCTIONS		
Section I.	Repair Parts, Special Tools and Equipment		
	Tools and equipment.....	3-1	3-1
	Special tools and equipment.....	3-2	3-1
	Direct support and general support maintenance repair parts.....	3-3	3-1
II.	Troubleshooting		
III.	Removal and Installation of Major Components		
	Coupler hitch assembly.....	3-4	3-1
	Agitator assembly.....	3-6	3-2
	Feed roll assembly.....	3-6	3-4
	Gear box assembly.....	3-7	3-5
CHAPTER 4.	REPAIR INSTRUCTIONS		
	General.....	4-1	4-1
	Roller assembly.....	4-2	4-1
	Coupler hitch assembly.....	4-3	4-2
	Agitator.....	4-4	4-2
	Feed roll assembly.....	4-6	4-5
	Gear box assembly.....	4-6	4-6
APPENDIX A.	REFERENCE		
B.	MAINTENANCE ALLOCATION CHART		

LIST OF ILLUSTRATIONS

Figure Number	Title	Page
2-1	Transport wheel assembly removal and installation.....	2-2
2-2	Transport tongue removal and installation.....	2-3
2-3	Transport wheel assembly.....	2-7
2-4	Truck hitch assembly removal and installation	2-8
2-5	Roller assembly removal and installation	2-9
2-6	Traction wheel assembly.....	2-11
3-1	Coupler hitch assembly removal and installation.....	3-2
3-2	Agitator assembly removal and installation	3-3
3-3	Feed roll assembly removal and installation.....	3-4
3-4	Gear box assembly removal and installation	3-5
4-1	Roller assembly	4-1
4-2	Coupler hitch assembly.....	4-2
4-3	Agitator assembly	4-4
4-4	Gear box assembly	4-6

CHAPTER 1 INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual is published for the use of organizational, direct support, and general support maintenance personnel responsible for maintenance of the force feed spreader. Instruction for destruction of materiel to prevent enemy use will be found in TM 750-244-3. Instruction for preparation for shipment and limited storage will be found in TM 740-90-1.

1-2. Maintenance Forms and Records

Maintenance forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750.

1-3. Reporting of Errors

Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commanding General, U S. Army Mobility Equipment Command, ATTN: AMSME-MPP, 4300 Goodfellow Boulevard, St. Louis, Mo. 63120.

Section II. DESCRIPTION AND DATA

1-4. Description

A general description of the spreader is contained in TM 5-3895-330-10. A more detailed description of specific components and assemblies is contained in the applicable maintenance paragraphs of this manual.

1-5. Tabulated Data

Refer to TM 5-3895-330-10 for tabulated data for the spreader.

CHAPTER 2
ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

Section I. SERVICE UPON RECEIPT OF MATERIEL

2-1. Inspection and Servicing the Equipment

- a. Inspect the aggregate spreader for broken or missing parts.
- b. Make a complete visual inspection to see that the publications and attachments are on or with spreader.
- c. Lubricate the spreader in accordance with current lubrication order, LO 5-3895-330-12.
- d. Inflate traction drive tires to 65 lbs. psi pressure.

2-2. Installation

- a. *Transport Wheels.* Remove the transport wheels as follows:

- (1) Remove the operator's platform and all other hardware from the hopper.
- (2) Attach four (4) slings or chains (having a minimum length of ten (10) feet) to the four (4) lifting attachments.

- (3) Using a suitable lifting device (crane loader, wrecker, etc.), raise the spreader one (1) inch off the ground.

- (4) Remove bolts from the right side of the transport wheels assembly support bracket (fig. 2-1).

- (5) Remove bolts from the left side of the transport wheel assembly support bracket.

- (6) Raise spreader to clear the axle of the transport assembly.

- (7) Roll the transport assembly out from under the spreader.

- (8) Lower the spreader to the ground and complete assembly operation.

- b. *Platform Assembly.* Install the platform assembly on the right side of the spreader by hooking it over the lip on the top of the spreader.

- c. *Transport Tongue.* Remove the cotter pins and pins (fig. 2-2).

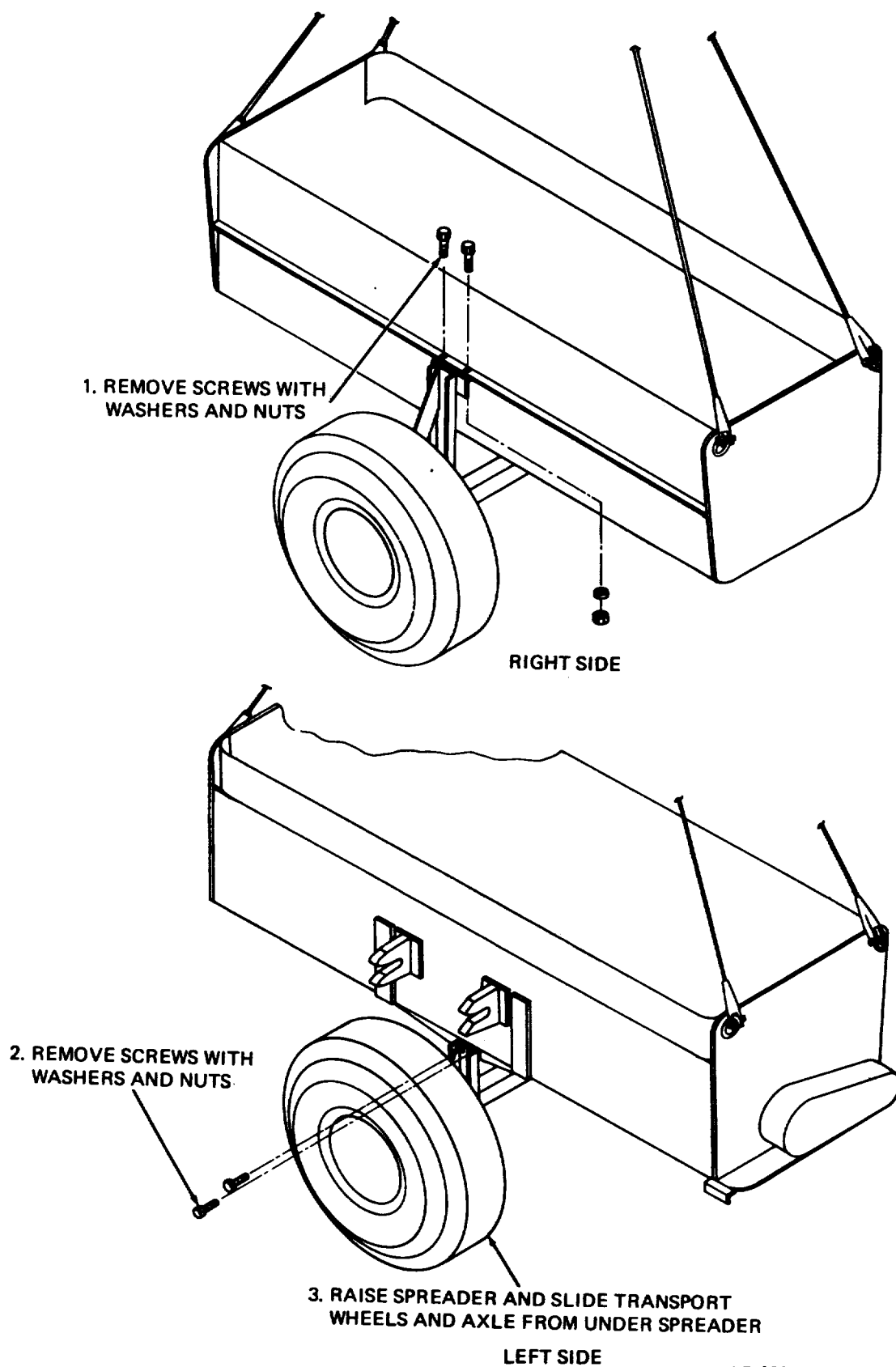


Figure 2-1. Transport wheel assembly removal and installation.