

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL
LAUNDRY UNIT, SINGLE TRAILER MOUNTED
W/CANVAS COVER; ARMY MODEL M-532
(EIDAL MODEL ELT9T)
NSN 3510-00-782-5294
AND
(EDRO MODEL EP120-LTU)
NSN 3510-00-169-4735

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual If you find any mistake 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, U. S. Army Troop Support & Aviation Materiel Readiness Command, ATTN: DRSTS-MPSD, 4300 Goodfellow Boulevard, St. Louis, MO 63120. A reply will be furnished directly to you.

Table of Contents

		Paragraph	Page
CHAPTER	1. INTRODUCTION		1-1
Section	I. General	1-1	1-1
	II. Description and Data	1-6	1-1
CHAPTER	2. DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE INSTRUCTIONS		2-1
Section	I. Repair Parts, Special Tools and Equipment.....	2-1	2-1
	II. Troubleshooting.....	2-4	2-1
	III. General Maintenance	2-7	2-20
	IV. Removal and Installation of Major Components and Assemblies ..	2-9	2-20
CHAPTER	3. REPAIR OF DRYER TUMBLER ASSEMBLY		3-1
CHAPTER	4. REPAIR OF AIR COMPRESSOR		4-1
CHAPTER	5. REPAIR OF WATER TANK ASSEMBLY		5-1
CHAPTER	6. REPAIR OF CONTROL BOX ASSEMBLY		6-1
CHAPTER	7. REPAIR OF WASHER-EXTRACTOR ASSEMBLY		7-1
APPENDIX	A. REFERENCES		A-1

*This manual supersedes TM 10-3510-208-35. 18 August 1966 including all changes.

List of Illustrations

Figure	Title	Page
1-1.	Schematic Wiring Diagram (Dryer-Tumbler)	1-3
1-2.	Water Heater Wiring Diagram	1-4
1-3.	Wiring Diagram for Air Compressor.....	1-5
1-4.	External Power Requirements.....	1-6
1-5.	Tumbler Burner Electrode Setting and Nozzle Details	1-7
1-6.	Water Heater Electrode Setting and Nozzle Details.....	1-8
2-1.	Types of Multimeters	2-4
2-2.	"Zeroing" the Multimeters (sheet 1 of 3).....	2-5
2-2.	"Zeroing" the Multimeters (sheet 2 of 3)	2-6
2-2.	"Zeroing" the Multimeters (sheet 3 of 3)	2-7
2-3.	TS-352 Continuity Test	2-8
2-4.	Testing for Shorts.....	2-9
2-5.	Testing Resistance.....	2-10
2-6.	Reading the Ohm Scale	2-10
2-7.	DC Volts Scale (sheet 1 of 3)	2-11
2-7.	DC Volts Scale (sheet 2 of 3).....	2-12
2-7.	DC Volts Scale (sheet 3 of 3).....	2-13
2-8.	Measuring DC Voltage.....	2-14
2-9.	Reading DC Voltage (sheet 1 of 3)	2-15
2-9.	Reading DC Voltage (sheet 2 of 3)	2-15
2-9.	Reading DC Voltage (sheet 3 of 3)	2-16
2-10.	AC Volt Scale (sheet 1 of 3)	2-17
2-10.	AC Volt Scale (sheet 2 of 3)	2-17
2-10.	AC Volt Scale (sheet 3 of 3)	2-18
2-11.	Measuring AC Voltage	2-19
2-12.	Reading AC Voltage	2-19
2-13.	Air Compressor, Motor and Bracket, Removal and Installation.....	2-21
2-14.	Compressor On-Off Switch, Removal and Installation	2-22
2-15.	Gear Reducer, Removal and Installation.....	2-33
2-16.	Compressor Air Supply Tank Air Lines, Removal and Installation	2-24
2-17.	Exhaust Motor and Mounting Plate, Removal and Installation	2-25
2-18.	Cylinder Motor, Brackets, Tumbler Temperature Control and Temperature Exhaust Thermometer, Removal and Installation.....	2-26
2-19.	Exhaust Fan aid Shaft Assembly, Removal and Installation	2-27
2-20.	Tumbler Blower and Motor, Removal and Installation	2-28
2-21.	Burner Assembly, Removal, Disassembly, Reassembly and Installation	2-29
2-22.	Tumbler Door and Limit Switch, Removal and Installation	2-30
2-23.	Dryer-Tumbler Assembly, Removal and Installation.....	2-31
2.23.1	Tumbler Control, Durable Press	2-32.1
2-24.	Control Box Cover, Removal and Installation.....	2-33
2-25.	Control Box Assembly, Removal and Installation (sheet 1 of 5).....	2-34
2-25.	Control Box Assembly, Removal and Installation (sheet 2 of 5)	2-35
2-25.	Control Box Assembly, Removal and Installation (sheet 3 of 5).....	2-36
2-25.	Control Box Assembly, Removal and Installation (sheet 4 of 5)	2-37
2-25.	Control Box Assembly, Removal and Installation (sheet 5 of 5).....	2-38
2-26.	Washer-Extractor Holddowns, Removal and Installation.....	2-40
2-27.	Washer-Extractor Assembly, Removal and Installation	2-41
3-1.	Exhaust Motor and Mounting Plate, Removal and Installation	3-1
3-2.	Tumbler Exhaust Motor, Disassembly and Reassembly	3-3
3-3.	Tumbler Drive Motor, Removal and Installation	3-4
3-4.	Tumbler Drive Motor Disassembly and Reassembly	3-5
3-5.	Tumbler Speed Reducer, Removal and Installation.....	3-7
3-6.	Tumbler Speed Reducer, Disassembly and Reassembly.....	3-9
3-7.	Tumbler Exhaust Duct Assembly, Removal and Installation.....	3-11
3-8.	Exhaust Duct Assembly, Disassembly and Reassembly	3-12
3-9.	Tumbler Blower and Motor, Removal and Installation.	3-13
3-10.	Tumbler Blower Burner, Disassembly and Reassembly	3-14
3-11.	Tumbler Blower Motor, Disassembly and Reassembly	3-16
3-12.	Tumbler Burner Fuel Pump, Removal and Installation	3-18
3-13.	Tumbler Burner Fuel Pump, Disassembly and Reassembly	3-19
3-14.	Tumbler Air Heater, Removal and Installation	3-21
3-15.	Tumbler Air Heater, Disassembly and Reassembly (sheet 1 of 2)	3-22

Figure	Title	Page
3-15.	Tumbler Air Heater Disassembly and Reassembly (Sheet 2 of 2).....	3-23
3-16.	Dryer-Tumbler, Removal and Installation (Sheet 1 of 2).....	3-25
3-16.	Dryer-Tumbler, Removal and Installation (sheet 2 of 2)	3-26
3-17.	Tumbler Cylinder Assembly, Disassembly and Reassembly (sheet 1 of 3)	3-27
3-17.	Tumbler Cylinder Assembly, Disassembly and Reassembly (sheet 2 of 3)	3-28
3-17.	Tumbler Cylinder Assembly, Disassembly and Reassembly (sheet 3 of 3)	3-29
3-18.	Tumbler Base Assembly, Disassembly and Reassembly	3-32
4-1.	Air Compressor, Motor and Bracket, Removal and Installation.....	4-1
4-2.	Air Compressor and Motor, Disassembly and Reassembly	4-3
5-1.	Water Heater Control Box. Removal and Installation	5-1
5-2.	Burner Ignition Transformer. Removal and Installation.....	5-2
5-3.	Burner, Removal and Installation.....	5-3
5-4.	Fuel Filter and Bracket. Removal and Installation	5-4
5-5.	Fuel Pump, Removal and Installation	5-5
5-6.	Low Water Control Assembly and Water Temperature Control Switch. Removal and Installation.....	5-6
5-7.	Fuel Pressure Gage and Water Temperature Gage, Removal and Installation	5-7
5-8.	Water Control Valve Lines, Valves and Fittings. Removal and Installation	5-8
5-9.	Level Gage, Removal and Installation.....	5-9
5-10.	Burner Blower and Motor. Removal and Installation.....	5-10
5-11.	Water Heater Tank and Skid. Removal. Disassembly. Reassembly and Installation.....	5-11
5-12.	Water Heater Fuel Pump. Disassembly and Reassembly.....	5-13
5-13.	Water Heater Burner Blower. Disassembly and Reassembly.....	5-15
5-14.	Water Heater Burner Motor. Disassembly and Reassembly	5-17
6-1.	Control Box Cover. Removal and Installation.....	6-2
6-2.	Formatrol Assembly. Removal. Disassembly. Reassembly and Installation (sheet 1 of 2)	6-4
6-2.	Formatrol Assembly. Removal. Disassembly. Reassembly and Installation (sheet 2 of 2)	6-6
6-3.	Control Box Assembly. Removal and Installation (sheet 1 of 5).....	6-8
6-3.	Control Box Assembly. Removal and Installation(sheet 2 of 5).....	6-9
6-3.	Control Box Assembly. Removal and Installation(sheet 3 of 5).....	6-10
6-3.	Control Box Assembly. Removal and Installation(sheet 4 of 5).....	6-11
6-3.	Control Box Assembly. Removal and Installation(sheet 5 of 5).....	6-12
6-4.	Upper Washer-Extractor Control Box Components and Controls. Removal and Installation (sheet 1 of 2).....	6-14
6-4.	Lower Washer Extractor Control Box Components and Controls. Removal and Installation (Fidal Model ELT9T) (sheet 2 of 2).....	6-15
6-5.	Lower Washer Extractor Control Box Components and Controls. Removal and Installation (Edro Model EP120-LTU).....	6-16
7-1.	Washer-Extractor Holddowns, Removal, and Installation	7-1
7-2.	Washer-Extractor Assembly, Removal and Installation	7-2
7-3.	Washer-Extractor Door and Front cover, Removal, Disassembly, Reassembly and Installation.....	7-4
7-4.	Washer Cylinder, Removal and Installation	7-6
7-5.	Cylinder, Washer	7-7
7-6.	Drain Valve, Drain Valve Cylinder and Controls, Removal, Disassembly Reassembly and Installation (sheet 1 of 3)	7-10
7-6.	Drain Valve, Drain Valve Cylinder and Controls, Removal, Disassembly Reassembly and Installation (sheet 2 of 3)	7-11
7-6.	Drain Valve, Drain Valve Cylinder and Controls, Removal, Disassembly Reassembly and Installation (sheet 3 of 3)	7-12
7-7.	Washer-Extractor Frame and Related Parts Disassembly and Reassembly	7-15
7-8.	Washer-Extractor Base, Removal, Disassembly, Reassembly and Installation.....	7-17
7-9.	Washer Motor and Drive Belts, Removal and Installation.....	7-19
7-10.	Washer Motor, Disassembly and Reassembly	7-21
7-11.	Extractor Motor, Removal. Disassembly, Reassembly and Installation (Eidal Model ELT9T)	7-23
7-12.	Extractor Motor, Removal, Disassembly, Reassembly and Installation (Edro Model EP120-LTU).....	7-25
7-13.	Hydro Sheave Drive, Disassembly and Reassembly (Edro Model EP120-LTU)	7-26
7-14.	Jackshaft, Removal and Installation	7-29
7-15.	Jackshaft, Washer Drive (Eidal Model ELT9T)	7-31
7-16.	Jackshaft. Number 1. Washer Drive (Edro Model EP120-LTU)	7-33
7-17.	Jackshaft. Number 2. Extractor Motor (Edro Model EP120-LTU).....	7-35

Figure	Title	Page
7-18.	Washer Motor Air Cylinder, Removal and Installation	7-37
7-19.	Washer Motor Air Cylinder, Disassembly and Reassembly	7-39
7-20.	Washer and Extractor Motors Base, Removal, Disassembly, Reassembly and Installation.....	7-42
7-21.	Air Brake Cylinder Hub, Sheave and Related Parts	7-44
7-22.	Brake Air Cylinder, Disassembly and Reassembly	7-46
7-23.	Main Bearing Assembly, Removal, Disassembly, Reassembly and Installation	7-49
7-24.	Main Drive Belt Idler Pulley, Disassembly and Reassembly	7-51
7-25.	Drain Pan. Removal and Installation	7-52
FO-1.	Schematic Wiring Diagram Washer-Extractor	FO-1
FO-2.	Electrical Distribution System Schematic	FO-2

CHAPTER 1 INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual is for your use in operating and maintaining the Army Model M-532; Eidal Model ELT9T and Edro Model EP120-LTU, single trailer mounted laundry units.

1-2. Maintenance Forms and Records

- a. DA Form 2404 (Equipment Inspection and Maintenance Worksheet).
- b. DA Form 2407 (Maintenance Request used for Requesting Support Maintenance).
- c. DA Form 2407-1 (Continuation Sheet used for Requesting Support Maintenance).

- d. Maintenance forms and records are prescribed by TM 38-750.

1-3. Equipment Serviceability Criterion (ESC)

The laundry unit end item is not covered by and ESC. The engine-generator is covered by TM 56100-207 ESC.

1-4. Destruction of Army Materiel to Prevent Enemy Use

Procedures for the destruction of Army materiel to prevent enemy use are explained in TM 750-2443.

1-5. Administrative Storage

Administrative storage procedures are described in TM 740-90-1.

Section II. DESCRIPTION AND DATA

1-6. Description

A general description of the laundry unit, the location and description of the identification plates, and information on the differences in models are contained in TM 10-3510-208-12. The repair and maintenance instructions are described in the appropriate sections of this manual.

1-7. Tabulated Data

a. General. This paragraph contains all the overhaul data pertinent to direct and general support maintenance personnel.

b. Engine-Generator. For tabulated data for the engine-generator refer to TM 5-6115-275-14.

c. Washer-Extractor.

Manufacturer Troy Laundry Machinery
Model TLMWX
Manufacture Edro Corporation
Model..... EP120-LTU

d. Dryer Tumbler.

Manufacturer Orr-Sembower, Inc.
Manufacturer Edro Corporation

e. Dryer Burner Motor.

Manufacturer Marathon Electric
Model..... 3M 48T34D 86R
HP (horsepower) 1/2
RPM..... 3450
Phase..... 3
Hertz..... 60
Volts..... 280-220/440
Amperes 2/1
Type..... TS

Duty Continuous
Rise 40C. (degrees centigrade)

f. Tumbler Cylinder Drive Motor.

Manufacturer Howell Electric Motors
HP 1/2
Volts..... 208-220/440
Model 38A 54516 1
Phase 3
Hertz..... 60
Amperes 2/1
Rise 40C.

g. Tumbler Exhaust Motor.

Manufacturer Century Electric Co.
Frame SC184-KCA-EA19310872-01
HP 1/2
Voltage 208-220/440
RPM (Revolutions per minute)..... 1730
Hertz..... 60
Amperes 4.7-4.4/2.2

h. Washer Motor.

Manufacturer Peerless Electric
Model 11800
Frame P213D
HP 1
Phase 3
Hertz..... 60
RPM..... 850
Amperes 4.2/2.1
Duty Continuous

i. Extractor Motor.

Manufacturer Peerless Electric