

TM 5-3810-305-24P

TECHNICAL MANUAL

**UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT
MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS LISTS**

**CRANE, WHEEL MOUNTED,
HYDRAULIC, LIGHT, 7 1/2 TON
(ROUGH TERRAIN CRANE)**

MODEL LRT 110

CONSISTS OF:

**Type I General Purpose
(3810-01-165-0646)**

**Type II Airborne/Airmobile
(3810-01-165-0647)**

Approved for public release: distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY 26 JULY 1991

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Washington D. C., 26 July 1991

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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, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5900. A reply will be furnished to you.

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TABLE OF CONTENTS

	<u>Title</u>	<u>Figure Number</u>	<u>Page</u>
CHAPTER 1	INTRODUCTION	1-1, 1-2	1-1
	Clamp Assemblies	1-3	1-4
CHAPTER 2	ENGINE		
	Engine Assembly	2-1	2-2
	Cylinder Block	2-2	2-4
	Short Block	2-3	2-6
	Cylinder Head	2-5	2-8
	Crankshaft and Main Bearing , . . .	2-6	2-10
	Crank Drive	2-7	2-12
	Piston Kit	--	2-13
	Piston and Connecting Rod	2-8	2-14
	Camshaft and Gear	2-9	2-15
	Front Gear Cover.. . . .	2-10	2-16
	Rocker Lever	2-11	2-18
	Valve Cover	2-12	2-20
	Valve Tappet	2-13	2-21
	Tappet Cover	2-14	2-22
	Flywheel	2-15	2-23
	Flywheel Housing	2-16	2-24
	Front Gear Train Accessory Drive	2-17	2-26
	Front Gear Train Accessory Drive Cover Plate	2-18	2-27
	Lube Oil Pump	2-19	2-28
	Lube Oil Cooler	2-20	2-30
	Front Sump Oil Pan	2-21	2-32
	Oil Level Gauge	2-22	2-33
	Air Cleaner Assembly	2-23	2-34
	Air Cleaner	2-24	2-36
	Air Intake Manifold	2-25	2-37
	Front Engine Support	2-26	2-38
	Upper Engine Gasket Set - 1	--	2-39
	Upper Engine Gasket Set - 2	--	2-40
	Upper Engine Gasket Set - 3	--	2-41
	Lower Engine Gasket Set ,	--	2-42

TABLE OF CONTENTS

	<u>Title</u>	<u>Figure Number</u>	<u>Page</u>
CHAPTER 3	FUEL SYSTEM		
	Fuel Tank	3-1	3-2
	Injection Pump Assembly	3-2	3-4
	Injection Pump.....	3-3	3-6
	Fuel Injector	3-4	3-9
	Fuel Injector	3-5	3-10
	Fuel Pump Lift and Supply Tubes	3-6	3-12
	Fuel Plumbing	3-7	3-14
	Fuel Filter	3-8	3-16
	Injection Pump Coupling	3-9	3-18
CHAPTER 4	EXHAUST SYSTEM		
	Exhaust Assembly	4-1	4-2
	Exhaust Manifold	4-2	4-4
	Exhaust Connection	4-3	4-5
CHAPTER 5	COOLING SYSTEM		
	Cooling Assembly	5-1	5-1
	Radiator	5-1A	5-2A
	Water Pump	5-2	5-3
	Water Inlet Connection	5-3	5-4
	Fan Support	5-4	5-5
	Fan Pilot Spacer	5-5	5-6
	Fan Belt Tensioner	5-6	5-7
	Thermostat Housing	5-7	5-8
CHAPTER 6	ELECTRICAL SYSTEM		
	Alternator Assembly	6-1	6-1
	Alternator	6-2	6-2
	Alternator Mounting.	6-3	6-4
	Starting Motor Assembly	6-4	6-5
	Starting Motor	6-5	6-6
	Battery Assembly	6-6	6-10
	Front Electrical-1	6-7	6-13
	Front Electrical-2	6-8	6-16
	Rear Electrical	6-9	6-18
	Work Lights	6-10	6-22
	Anti-Two Block Assembly	6-11	6-24
	Anti-Two Block Control Panel	6-12	6-27
	Collector Ring Assembly	6-13	6-28
	Axle Centering Light Switch Assembly	6-14	6-30
	STE-ICE Electrical System	6-15	6-32

TABLE OF CONTENTS

	Title	Figure <u>Number</u>	Page
CHAPTER 7	TRANSMISSION		
	Transmission Hoses, Lines and Fittings	7-1	7-2
	Transmission Assembly - 1	7-2	7-4
	Transmission Assembly - 2	7-3	7-10
	First Stage Clutch Group	7-4	7-14
	Second Stage Clutch Group	7-5	7-16
	Third Stage Clutch Group	7-6	7-18
	Valve Group	7-7	7-20
	Valve Assembly	7-8	7-21
	Transmission Control	7-9	7-22
CHAPTER 8	DRIVE SYSTEM		
	Drive Shaft Assembly	8-1	8-1
	Rear Drive Shaft	8-2	8-2
	Front Drive Shaft	8-3	8-3
CHAPTER 9	AXLES		
	Front Axle Assembly	9-1	9-1
	Front Axle	9-2	9-2
	Front Differential with Brake	9-3	9-4
	Rear Axle Assembly	9-4	9-6
	Rear Axle Mounting	9-5	9-8
	Rear Differential	9-6	9-10
	Front and Rear Tie Rods	9-7	9-12
	Front and Rear Pivot and Spindle Assembly	9-8	9-14
	Front and Rear Planetary Wheel Ends	9-9	9-16
	Front and Rear Brakes	9-10	9-18
	Wheels and Tires	9-11	9-21
	Parking Brake Caliper	9-12	9-22

TABLE OF CONTENTS

	<u>Title</u>	<u>Figure Number</u>	<u>Page</u>
CHAPTER 10	HYDRAULICS		
	Axle Lockout System	10-1	10-2
	Axle Lockout Cylinder	10-2	10-4
	Axle Lockout Valve	10-3	10-6
	Outrigger Hydraulics	10-4	10-8
	Outrigger Cylinder	10-5	10-10
	Outrigger Hold Valve	10-6	10-11
	Outrigger Solenoid Valve	10-7	10-12
	Hydraulic Brakes	10-8A	10-14
	Hydraulic Brakes	10-8B	10-16
	Deleted	10-9	
	Brake Booster/Master Cylinder	10-10	10-20
	Steering System	10-11	10-24
	Steering Control Unit	10-12	10-26
	Steering Cylinder	10-13	10-27
	Steering Selector Valve	10-14	10-28
	Swing Motor	10-15	10-30
	Main Hydraulic Pump	10-16	10-32
	Pump Drives	10-17	10-33
	Ground Driven Steering Pump	10-18	10-34
	Hydraulic Reservoir	10-19	10-36
	Return Filter	10-20	10-38
	Lower Hydraulics:		
	Suction	10-21	10-40
	Return Pressure	10-22	10-42
	Boom, Swing and Winch	10-23	10-46
	Upper Hydraulics	10-24	10-48
	Hydraulic System Valve		
	Bank Fittings	10-25	10-50
	Steering Valve	10-26	10-51
	Steering Valve Fittings	10-27	10-52
	Brake Relief Valve Fittings	10-28	10-53
	Rotary Manifold	10-29	10-54
	Boom Hoist Cylinder Assembly	10-30	10-55
	Boom Hoist Cylinder	10-31	10-56
	Extend Cylinder	10-32	10-57

TABLE OF CONTENTS

	<u>Title</u>	<u>Figure Number</u>	<u>Page</u>
CHAPTER 11	FRAME, FENDER AND CAB		
	Frame	11-1	11-1
	Fenders and Decks	11-2	11-2
	Can Bracket	11-3	11-4
	Pintle Hook	11-4	11-5
	Outriggers	11-5	11-6
	Upperstructure	11-6	11-8
	Engine Housing	11-7	11-10
	Cab Glass Assembly	11-8	11-12
	Operator's Cab	11-9	11-14
	Cab Insulation	11-10	11-17
	Seat	11-11	11-18
	Mirrors	11-12	11-19
	Marking Decals	11-13	11-20
CHAPTER 12	CRANE		
	Swing Assembly	12-1	12-2
	Swing Gear Box.....	12-2	12-4
	Boom	12-3	12-8
	Boom Angle Indicator	12-4	12-11
CHAPTER 13	WINCH		
	Winch and Cable	13-1	13-1
	Winch	13-2	13-2
	Winch Motor	13-3	13-8
	Winch Valve Fittings	13-4	13-10
	Winch Brake Valve	13-5	13-12
	Hook Block	13-6	13-14

TABLE OF CONTENTS

	<u>Title</u>	<u>Figure Number</u>	<u>Page</u>
CHAPTER 14	OPERATOR'S CONTROLS		
	Gauges, Controls and		
	Switches	14-1	14-2
	Valve Controls	14-2	14-6
	Deleted	14-3	
	Transmission Shift Assembly	14-4	14-10
	Transmission Shift Control	14-5	14-12
	Throttle Control	14-6	14-16
	Parking Brake	14-7	14-20
	Heater and Defroster	14-8	14-22
	Heater	14-9	14-24
	Windshield Wiper	14-10	14-26
	Tool Kit	14-11	14-28
	Marking Decals	14-12	14-31
CHAPTER 15	TYPE II SUPPLEMENT		
	Type II Engine Assembly	15-1	15-2
	Type II Fuel Tank	15-2	15-6
	Type II Rear Electrical	15-3	15-8
	Type II Transmission		
	Shift Assembly	15-4	15-12
	Type II Lower Hydraulics	15-5	15-14
	Type II Upper Hydraulics	15-6	15-16
	Type II Hydraulic Disconnects	15-7	15-18
	Type II Frame	15-8	15-20
	Type II Fenders and Deck	15-9	15-22
	Type II Pintle Hook	15-10	15-24
	Type II Outriggers	15-11	15-26
	Type II Upperstructure	15-12	15-28
	Type II Marking Decals	15-13	15-30
	Type II Boom	15-14	15-32
	Type II Heater	15-15	15-36
	Type II Marking Decals	15-16	15-38
	Type II Sectionalization		
	Assembly	15-17	15-40
	Type II Sectionalization		
	Assembly	15-18	15-42
	Type II Sectionalization		
	Assembly	15-19	15-42
	Type II Sectionalization		
	Assembly	15-20	15-43
	Type II Sectionalization		
	Assembly	15-21	15-43
	Type II Pivot Assembly	15-22	15-44
	Type II Mast Assembly	15-23	15-45
	Type II Sectionalization		
	Tool Kit	15-24	15-46
	Type II Engine Housing	15-25	15-48

TABLE OF CONTENTS

<u>Title</u>	<u>Figure Number</u>	<u>Page</u>
Type II Can Bracket	15-26	15-50
Type II Anti Two Block Assembly	15-27	15-52
Annex A, CROSS REFERENCE LIST...	A-1	
Annex B, CROSS REFERENCE LIST...	B-1	
INDEX	Index-1	

CHAPTER 1 INTRODUCTION

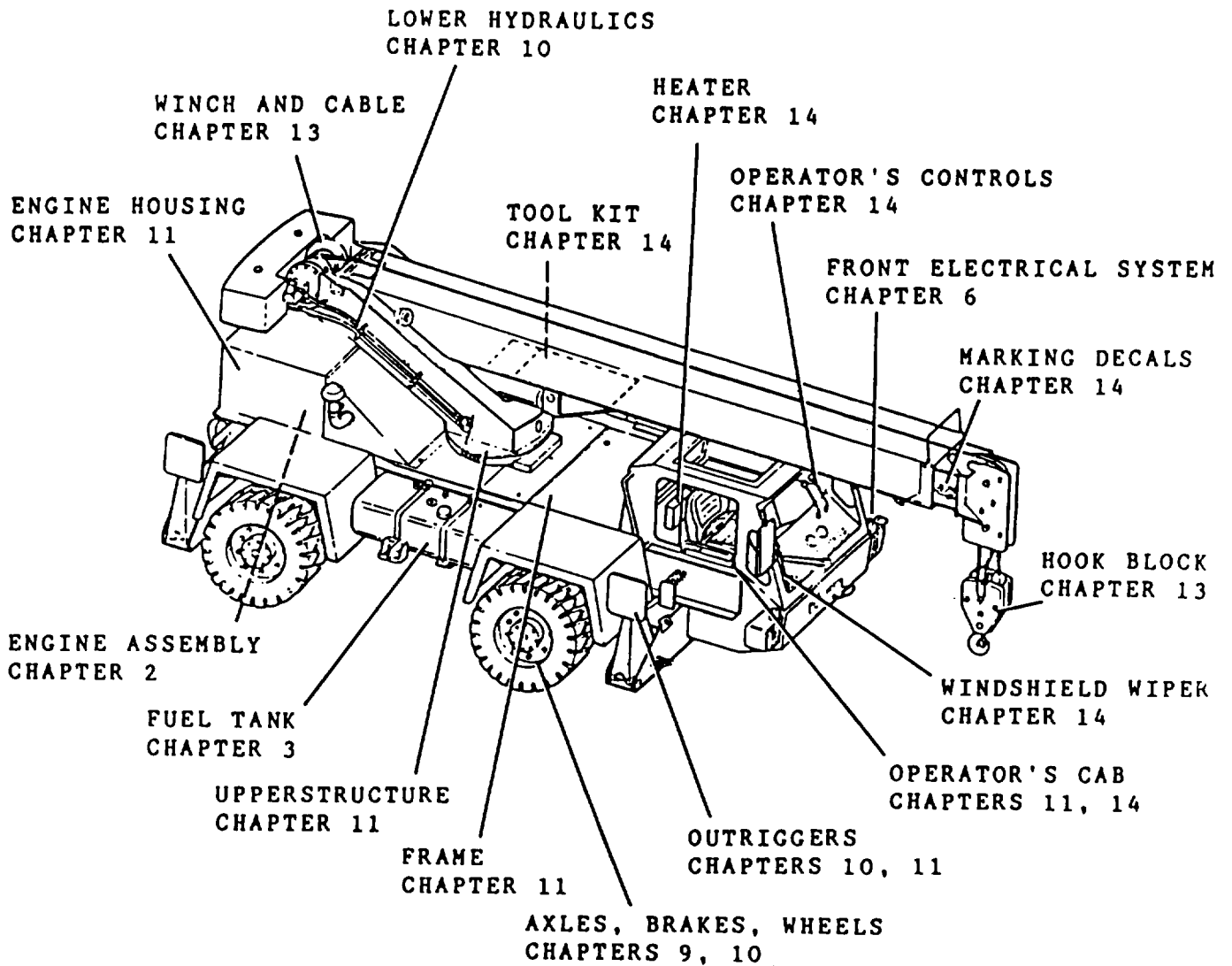


Figure 1-1. Part Locations

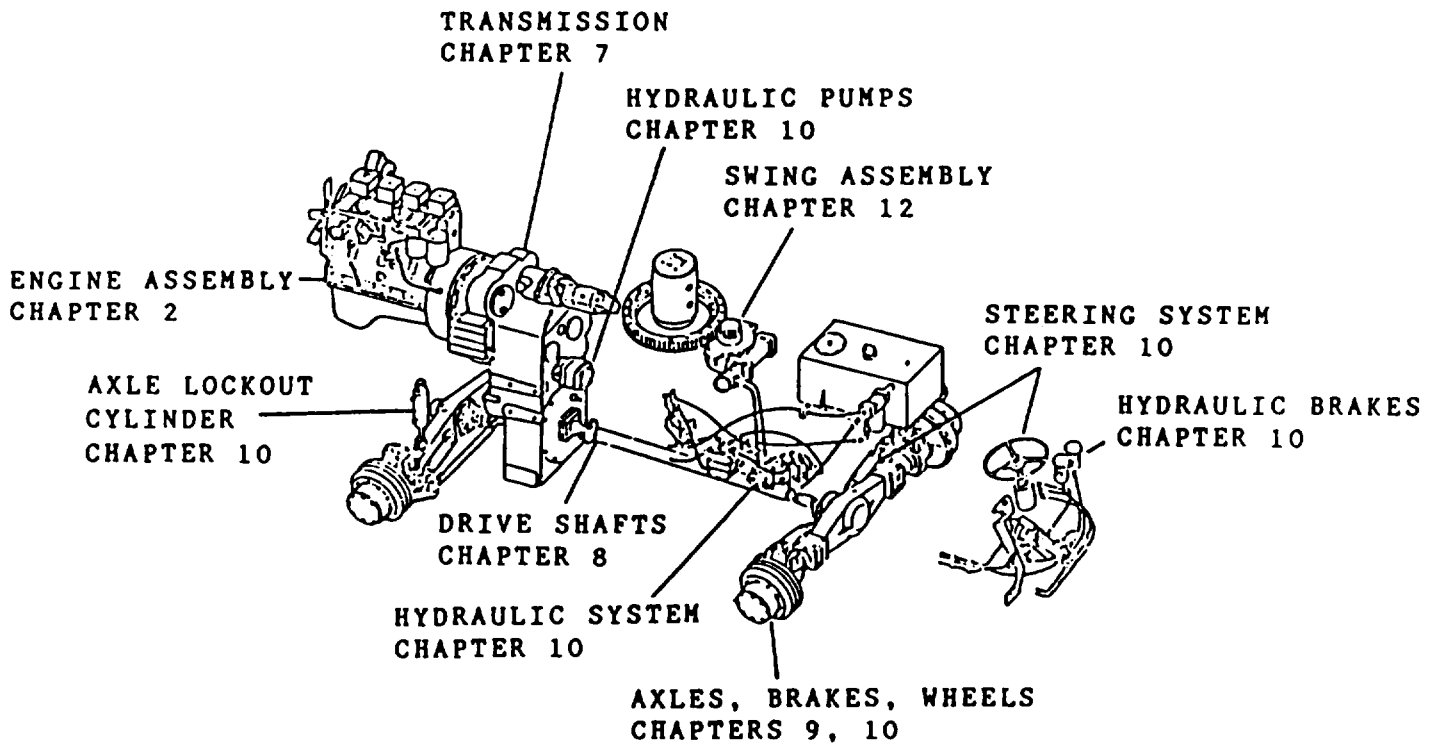


Figure 1-2. Part Locations

The following is a manual listing all the service parts for the Koehring LRT 110 Crane.

Parts in the manual are illustrated by exploded views. Individual parts in each illustration are shown where they belong in relation to one another and are identified out by reference numbers. These numbers correspond with numbers in the FIG IND NO column in the accompanying list of parts.

The reference number is followed by the Koehring PART NUMBER corresponding VENDOR PART NUMBER and the FSCM, (Federal Supply Code for Manufacturers) columns.

In the DESCRIPTION column, parts are listed in order, according to the reference numbers shown in the illustration, and by a full description, based upon the "noun first" method - i.e., the noun name of the part is listed first, then the modifying descriptive information which serves to specifically identify the item.

All directional references in this manual (right or left; front or rear, etc.) correspond to the position of the operator when facing forward in the operator's cab.

Wherever possible, the component parts of assemblies are indicated in the illustration by the use of brackets. When this cannot be done, the component parts of an assembly will be called out in the list.

The quantity, QTY of each individual part follows the description. In most cases, the quantity indicates the total required per machine. The only exception to this rule is when an assembly is shown at the beginning of the list which consists of all the individual parts in the list following it. In these cases, quantities shown with individual parts are the total required per assembly.

Chapter 15, Type II Supplement, lists parts used for both Type I and Type II vehicles. Differences in configuration as well as part number indicate differences between Type I and Type II. Note that differences as minor as one part are indicated in Chapter 15.