
DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL

CRANE, WHEEL MOUNTED: 20 TON AT 10 FOOT RADIUS, 2 ENGINES,
DIESEL ENGINE DRIVEN, 4 X 4 AIR TRANSPORTABLE, PHASE III;
W/BLADE, BULLDOZER, EARTHMOVING; W/BLOCK, TACKLE, 20-TON;
W/BOOM, CRANE, 30-FOOT (AMERICAN HOIST AND DERRICK MODEL 2380)
FSN 3810-763-7728 (AMERICAN HOIST AND DERRICK MODEL 2385)
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HEADQUARTERS

DEPARTMENT OF THE ARMY
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**OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL
CRANE, WHEEL MOUNTED: 20-TON AT 10 FOOT RADIUS,
2 ENGINES, DIESEL ENGINE DRIVEN 4 X 4 AIR
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		Paragraph	Page
CHAPTER 1	INTRODUCTION		
Section I.	General	1-1	1-1
	II. Description and data	1-6	1-1
CHAPTER 2	OPERATING INSTRUCTIONS		
Section I.	Service upon receipt of materiel	2-1	2-1
	II. Movement to a new worksite	2-3	2-9
	III. Controls and instruments	2-5	2-15
	IV. Operation under usual conditions	2-9	2-30
	V. Operation under unusual conditions	2-19	2-44
	VI. Operation of auxiliary material used in conjunction with the crane and carrier.....	2-24	2-44
CHAPTER 3	OPERATORS MAINTENANCE INSTRUCTIONS		
Section I.	Basic issue items	3-1	3-1
	II. Lubrication instructions	3-3	3-1
	III. Preventive maintenance checks and services	3-5	3-3
	IV. Troubleshooting	3-7	3-7
	V. Maintenance of engine fuel filters and crankcase breather	3-9	3-8
	VI. Maintenance of fuel tanks and starting aids.....	3-12	3-10
	VII. Maintenance of engine V-belts	3-15	3-11
	VIII. Maintenance of tires and batteries.....	3-18	3-14
	IX. Maintenance of coolant systems	3-20	3-15

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		Paragraph	Page
CHAPTER 4	ORGANIZATIONAL MAINTENANCE INSTRUCTIONS		
Section I.	Service upon receipt of equipment.....	4-1	4-1
II.	Movement to a new worksite	4-3	4-1
III.	Repair parts, special tools and equipment	4-4	4-1
IV.	Lubrication instructions	4-7	4-2
V.	Preventive maintenance checks and services	4-9	4-2
VI.	Troubleshooting	4-11	4-6
VII.	Radio interference suppression	4-13	4-8
VIII.	Maintenance of exhaust system	4-15	4-8
IX.	Maintenance of rocker arm covers	4-19	4-13
X.	Maintenance of carrier engine fuel system	4-22	4-16
XI.	Maintenance of crane engine fuel system	4-32	4-32
XII.	Maintenance of carrier engine lubrication system.....	4-40	4-42
XIII.	Maintenance of crane engine lubrication system.....	4-44	4-45
XIV.	Maintenance of carrier engine cooling system.....	4-47	4-47
XV.	Maintenance of crane engine cooling system.....	4-54	4-5
XVI.	Maintenance of carrier engine electrical system, controls and instruments.....	4-60	4-59
XVII.	Maintenance of crane engine electrical system, controls and instruments.....	4-81	4-80
XVIII.	Crane hydraulic system	4-94	4-89
XIX.	Crane clutch and brake assemblies, controls and linkage	4-96	4-90
XX.	Drive chains and gear guards.....	4-105	4-98
XXI.	Crane boom and attachments	4-11	4-104
XII.	Crane cab and walkway.....	4-116	4-107
XXIII.	Carrier transmission and torque converter oil filter	4-120	4-110
XXIV.	Carrier steering controls	4-122	4-112
XXV.	Carrier hydraulic system	4-124	4-116
XXVI.	Air system	4-130	4-122
XXVII.	Carrier frame.....	4-144	4-131
XXVIII.	Carrier cab and components	4-147	4-134
XXIX.	Utility blade assembly.....	4-153	4-139
XXX.	Crane and carrier accessories.....	4-155	4-141
APPENDIX A	REFERENCES		A-1
B	BASIC ISSUE ITEMS LIST		B-1
C	MAINTENANCE ALLOCATION CHART		C-1
ALPHABETICAL INDEX		I-1	

LIST OF ILLUSTRATIONS

Figure Number	Title	Page
1-1	Crane, left rear, three-quarter view (Model 2380)	1-2
1-2	Crane, left rear, three-quarter view (Model 2385)	1-3
1-3	Crane, right front, three-quarter view, with shipping dimensions (model 2380)	1-4
1-4	Crane, right front, three-quarter view, with shipping dimensions (Model 2385)	1-5
1-5	Wiring diagram (Model 2380 Carrier) sheet 1 of 2	1-10
1-5	Wiring diagram (Model 2380 Crane) sheet 2 of 2	1-11
1-6	Wiring diagram (Model 2385)	1-12
1-7	Hydraulic diagram (Model 2380)	1-14
1-8	Hydraulic diagram (Model 2385)	1-15
2-1	Crane boom cribbing	2-1
2-2	Crane boom foot pins, installation	2-2
2-3	Crane boom installation	2-3
2-4	Crane boom reeving diagram	2-5
2-5	Crane boom reeving, clamshell, pile driver, and dragline	2-6
2-6	Crane trouble light and reel assembly	2-7
2-7	Carrier trouble light and reel assembly (Model 2380)	2-8
2-8	Carrier trouble light and reel assembly (Model 2385)	2-9
2-9	Utility blade secured with blade latch	2-10
2-10	Utility blade secured with blade brace	2-11
2-11	Boom secured to utility blade	2-12
2-12	Manual rear steering lock, installation	2-13
2-13	Antirotation rods in secured position (Model 2380)	2-14
2-14	Carrier controls and instruments (Model 2380)	2-16
	sheet 1 of 2.	
2-14	Carrier controls and instruments (Model 2380).	
	sheet 2 of 2	2-17
2-15	Defroster fan and windshield wiper (Model 2380)	2-20
2-16	Carrier controls and instruments (Model 2385)	2-21
	sheet 1 of 2.	
2-16	Carrier controls and instruments (Model 2385)	2-22
	sheet 2 of 2.	
2-17	Park-abort control (Model 2385)	2-6
2-18	Defroster fan, windshield wiper and low air pressure warning indicator (Model 2385).	2-26
2-19	Crane controls sheet 1 of 2	2-27
2-19	Crane controls sheet 2 of 2	2-28
2-20	Crane instrument panel	2-29
2-21	Propeller shafts, removal	2-33
2-22	Tow-bar and air hoses connected	2-34
2-23	Stowed outrigger floats, removal and installation	2-36
	(Model 2380) sheet 1 of 2.	
2-23	Stowed outrigger floats, removal and installation	2-37
	(Model 2380) sheet 2 of 2	
2-24	Outrigger floats in operating position, or stabilizer wedges, installation	2-38
2-25	Brake chamber emergency release link (Model 2385)	2-40
2-26	Stowed outrigger floats, removal and installation	2-41
	(Model 2385) sheet 1 of 2.	
2-26	Stowed outriggers floats, removal and installation	2-41
	(Model 2385) sheet 2 of 2.	
2-27	Crane operating instruction sheet 1 of 2	2-43
2-27	Crane operating instructions sheet 2 of 2	2-44
3-1	Carrier engine oil filter service	3-1
3-2	Carrier transmission and torque converter oil filter service	3-2
3-3	Carrier engine air cleaner service (Model 2380)	3-2
3-4	Crane engine oil filter service	3-2
3-5	Crane engine air cleaner service	3-2
3-6	Engine fuel filter service	3-8
3-7	Carrier air cleaner service (Model 2385)	3-9
3-8	Crankcase breather service	3-10
3-9	Fuel transfer tank, exploded view	3-10
3-10	Fuel tank strainer service	3-10
3-11	Carrier engine V-belt adjustments (Model 2380)	3-11
3-12	Carrier engine V-belt. adjustments (Model 235)	3-12
3-13	Crane engine V-belt adjustments, sheet 1 of 3	3-13

Figure Number	Title	Page
3-13	Crane engine V-belt adjustments, sheet 1 of 3	3-1
3-13	Crane engine V-belt adjustments, sheet 2 of 3	3-14
3-13	Crane engine V-belt adjustments, sheet 8 of 3	3-14
3-14	Bleeding carrier coolant system	3-16
4-1	Carrier hydraulic oil filter replacement.....	4-2
4-2	Interference suppression components, location and removal,	4-8
	sheet 1 of 2.	
4-2	Interference suppression components, location and removal	4-8
	sheet 2 of 2.	
4-3	Carrier engine exhaust assembly, removal and installation	4-9
	(Model 2380).	
4-4	Carrier engine exhaust assembly, removal and installation	4-10
	(Model 2385).	
4-5	Crane engine exhaust, assembly intake and exhaust manifolds	4-11
	removal and installation sheet 1 of 4.	
4-5	Crane engine exhaust assembly, intake and exhaust manifolds,	4-11
	removal and installation sheet 2 of 4.....	4-12
4-5	Crane engine exhaust assembly, intake and exhaust manifolds,	4-12
	removal and installation sheet 3 of 4.	
4-5	Crane engine exhaust assembly, intake and exhaust manifolds,	4-13
	removal and installation sheet 4 of 4.	
4-6	Carrier engine rocker arm covers, removal and installation	4-14
4-7	Crane engine rocker arm cover, removal and installation	4-15
4-8	Carrier engine fuel filters, removal and installation	4-16
4-9	Fuel filters, disassembly and reassembly.....	4-17
4-10	Carrier fuel tank, removal and installation (Model 2380).....	4-18
4-11	Carrier fuel tank, lines and fittings, disassembly and	4-19
	reassembly (Model 2380).	
4-12	Carrier fuel tank, removal and installation (Model 2385).....	4-20
4-13	Carrier fuel tanks, lines and fittings, disassembly and	4-21
	reassembly (Model 2385).	
4-14	Carrier engine fuel injector adjustment	4-22
4-15	Carrier engine valve crosshead adjustment.....	4-23
4-16	Carrier engine valve adjustment.....	4-24
4-17	Carrier engine air cleaner, removal and installation	4-25
	(Model 2380).	
4-18	Carrier engine air cleaner, disassembly and reassembly.....	4-26
	(Model 2380)	
4-19	Carrier engine air cleaner, removal and installation	4-27
	(Model 2385)	
4-20	Carrier engine air cleaner, disassembly and reassembly.....	4-28
	(Model 2385)	
4-21	Carrier engine throttle controls, removal and installation	4-29
4-22	Fuel pump filter, removal and installation.....	4-30
4-23	Carrier engine governor adjustment.....	4-31
4-24	Crane engine fuel filters, removal and installation.....	4-32
4-25	Crane engine fuel tank, removal and installation	4-33
4-26	Crane fuel tank, lines and fittings, disassembly and	4-34
	reassembly.	
4-27	Fuel inlet connector screen, removal and installation	4-36
4-28	Fuel inlet and drain connectors, removal and installation	4-37
4-29	Valve crosshead adjusting screw	4-37
4-30	Valve adjustment.....	4-38
4-31	Crane engine air cleaner, removal and installation	4-39
4-32	Crane engine air cleaner disassembly and reassembly.....	4-40
4-33	Crane engine throttle control assembly, removal and	4-41
	installation sheet 1 of 2.	
4-33	Crane engine throttle control assembly, removal and	4-41
	installation sheet 2 of 2.	
4-34.....	Crane engine governor adjustment.....	4-42
4-35	Carrier engine oil filters, removal and installation.....	4-43
4-36	Carrier engine oil filters, disassembly and reassembly	4-44
4-37	Crankcase breather. removal and installation	4-44
4-38	Carrier engine oil lines and fitting removal and	4-44
	installation.	

Figure Number	Title	Page
4-39	Crane engine oil filter and external lines, removal and installation.	445
4-40	Crane engine oil filters, disassembly and reassembly	4-46
4-41	Fan belts, and water pump and generator drive belt..... removal and installation (Model 2380).	4-47
4-42	Fan belts and water pump and alternator drive belts removal and installation (Model 2385).	4-48
4-43	Carrier engine coolant lines and fittings, removal and installation (Model 2380).	4-49
4-44	Carrier engine coolant lines and fittings, removal and installation (Model 2385).	4-50
4-45	Carrier engine thermostat, thermostat housing and related parts,..... removal and installation.	4-51
4-46	Carrier engine cooling system water filter removal and installation.	4-52
4-47	Carrier engine cooling system water filter, disassembly and reassembly.	4-53
4-48	Crane engine coolant hoses, lines and fittings, removal and installation.	4-54
4-49	Crane engine thermostat housing, removal and installation	4-55
4-50	Crane engine radiator fan guards, removal and installation.....	4-56
4-51	Crane engine fan belts and fan, removal and installation	4-57
4-52	Crane engine radiator, removal and installation.....	4-58
4-53	Carrier battery box, removal and installation (Model 2380).....	4-60
4-54	Carrier battery box, batteries and cables, removal and..... installation (Model 2385).	4-61
4-55	Carrier engine starter and solenoid relay, removal and installation.	4-62
4-56	Carrier starter brush replacement	4-62
4-57	Carrier magnetic switch, removal and installation.....	4-63
4-58	Carrier generator, removal and installation (Model 2380).....	4-64
4-59	Generator brushes, removal and installation (Model 2380)	4-65
4-60	Carrier engine alternator, removal and installation..... (Model 2385).	4-66
4-61	Carrier instrument panels, removal and installation.....	4-67
4-62	Carrier instrument panels, disassembly and reassembly..... (Model 2380)	4-68
4-63	Carrier instrument panels, disassembly and reassembly..... (Model 2385).	4-69
4-64	Carrier engine temperature thermostat and warning light..... sending units, removal and installation.	4-70
4-65	Carrier horn, removal and installation	4-71
4-66	Carrier horn button unit removal and installation.....	4-71
4-67	Service and stop blackout, taillights removal and installation (Model 2380).	4-72
4-68	Service and stop blackout, taillights, removal and installation (Model 2385).	4-73
4-69	Marker, blackout and headlights, removal and installation (Model 2380).	4-74
4-70	Marker blackout and headlights, removal and installation (Model 2385).	4-75
4-71	Headlight adjusting diagram.....	4-76
4-72	Dome light, removal and installation	4-76
4-73	Carrier slave receptacle, removal and installation..... (Model 2380).	4-77
4-74	Carrier slave receptacle, removal and installation..... (Model 2385).	4-78
4-75	Stoplight switch, removal and installation.....	4-79
4-76	Turn signal switch, removal and installation.....	4-79
4-77	Crane batteries, cables and box removal and installation.....	4-80
4-78	Crane engine starter and solenoid, removal and installation sheet 1 of 3.	4-81
4-78	Crane engine starter and solenoid, removal ad installation sheet 2 of 3.	4-82

Figure Number	Title	Page
4-78	Crane engine starter and solenoid, removal and installation sheet 3 of 3.	4-82
4-79	Crane engine generator belt, removal and installation	4-83
4-80	Crane instrument panel, removal and installation	4-84
4-81	Crane instrument panel, disassembly and reassembly	4-85
4-82	Crane engine oil pressure sending unit and pressure switch, removal and installation.	4-86
4-83	Crane engine water temperature sending units removal and installation.	4-87
4-84	Crane slave receptacle removal and installation	4-87
4-85	Crane horn, removal and installation	4-88
4-86	Floodlight, removal and installation	4-89
4-87	Master clutch control assembly, adjustment	4-91
4-88	Crane engine clutch adjustment sheet 1 of 2	4-92
4-88	Crane engine clutch adjustment sheet 2 of 2	4-92
4-89	Clutch band adjustment	4-93
4-90	Auxiliary clutch adjustment	4-94
4-91	Hoist clutch adjustment	4-95
4-92	Boom hoist brake band adjustment	4-96
4-93	Hoist brake band adjustment	4-97
4-94	Primary drive chain case cover, removal and installation	4-99
4-95	Primary drive chain, removal, installation and adjustment	4-100
4-96	Power load lowering drive chain, removal and installation	4-101
4-97	Boom hoist drive chain guard and chain removal and installation.	4-102
4-98	Gear guards, removal and installation	4-103
4-99	Crane boom, disassembly and reassembly	4-104
4-100	Bridle assembly, disassembly and reassembly	4-105
4-101	Boom angle indicator, removal and installation	4-106
4-102	Crane walkway assembly, removal and installation	4-107
4-103	Tool inserted under rubber channel seal strip	4-108
4-104	Crane cab door removal and installation	4-108
4-105	Crane operator's seat removal and installation	4-109
4-106	Transmission and torque converter oil filter, removal and installation.	4-110
4-107	Transmission and torque converter oil filter, disassembly and reassembly.	4-111
4-108	Carrier steering hydraulic system schematic (Model 2380)	4-113
4-109	Carrier steering hydraulic system schematic (Model 2385)	4-114
4-110	Steering wheel, removal and installation	4-115
4-111	Hydraulic oil filter, removal and installation (Model 2380)	4-116
4-112	Hydraulic oil filter, removal and installation (Model 2385).	4-117
4-113	Hydraulic oil filter, disassembly and reassembly (Model 2385).	4-117
4-114	Manifold control valves and related parts, removal and installation (Model 2380).	4-118
4-115	Manifold control valves, and related parts, removal and installation (Model 2385).	4-119
4-116	Control valves, disassembly and reassembly	4-120
4-117	Control valve stop adjustment	4-121
4-118	Accumulator, removal and installation	4-123
4-119	Carrier air brake system, piping diagram (Model 2380)	4-124
4-120	Carrier air brake system, piping diagram (Model 2385)	4-125
4-121	Brake valve, removal and installation	4-126
4-122	Relay valve, removal and installation sheet 1 of 2	4-126
4-122	Relay valve, removal and installation sheet 2 of 2	4-126
4-123	Pressure regulating valve, removal and installation	4-127
4-124	Trailer brake control valve, removal and installation	4-127
4-125	Air compressor governor and alcohol evaporator removal and installation.	4-128
4-126	Air compressor governor adjustment	4-128
4-127	(Omitted-not applicable)	4-128
4-128	Air chamber, removal and installation	4-129

Figure Number	Title	Page
4-129	Brake adjustment	4-130
4-130	Pintle hook, removal and installation.....	4-131
4-131	Carrier fender, removal and installation	4-132
4-132	Fender mounting bracket installed	4-133
4-133	Carrier cab side window glass, removal and installation.....	4-135
4-134	Carrier cab seat, removal and installation	4-136
4-135	Carrier cab door, removal and installation.....	4-137
4-136	Windshield wiper motor, removal and installation	4-137
4-137	Windshield wiper motor, disassembly and reassembly.....	4-138
4-138	Cutting edge and end bits, removal and installation.....	4-140
4-139	Crane heater, removal and installation.....	4-141
4-140	Crane heater, disassembly and reassembly	4-142
4-141	Carrier cab heater, removal and installation.....	4-143
4-142	Carrier cab heater, disassembly and reassembly	4-144
4-143	Defroster fan, removal and installation.....	4-145

CHAPTER 1 INTRODUCTION

Section I. GENERAL

1-1. Scope

a. These instructions are published for the use of the personnel maintaining the Rough Terrain Crane (American Hoist and Derrick Models 2380 and 2385) as allocated by the Maintenance Allocation Chart. It provides information on operational and organizational maintenance of the equipment, its accessories, and auxiliaries. The organizational maintenance repair parts and special tools list are in TM 5-3810-232-20P.

b. Numbers in parentheses on illustrations indicate the quantity. Numbers preceding nomenclature call-outs on illustrations indicate the preferred maintenance sequence.

1-2. Forms and Records

a. DA Forms and records used for equipment maintenance will be only those prescribed in TM 8-750.

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

1-3. Equipment Serviceability Criteria

Refer to TM 5-3810-232-ESC for equipment serviceability criteria.

1-4. Administrative Storage

Refer to TM 740-90-1 for administrative storage.

1-5. Demolition to Prevent Enemy Use

Refer to TM 750-244-3 for demolition to prevent enemy use.

Section II. DESCRIPTION AND DATA

1-6. Description

a. General

(1) *Crane and carrier.* The crane (fig. 11, 12, 13, and 14) is a diesel engine driven, 20-ton lift

capacity crane equipped with a 30-foot boom; and a utility blade; and 20-ton block and tackle. It is wheel mounted and is designed for operation in rough terrain. This crane is air transportable by segmentation of components.

