Illustrated Parts Manual

Models
600SC
660SJC

SN 0300128000
THROUGH
0300174703

3121251

September 30, 2018 - Rev O

ANSI

CE

An Oshkosh Corporation Company

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TABLE OF CONTENTS

SECTION 1 - FRAME 9

FIGURE 1-1. GRADALL FRAME ASSEMBLY 10
FIGURE 1-2. GRADALL FRAME DRIVE ASSEMBLY 12
FIGURE 1-3. GRADALL DRIVE TRACK ROLLER ASSEMBLY (BOTTOM) 16
FIGURE 1-4. GRADALL FRAME TRACK ROLLER ASSEMBLY (CARRIER) 18
FIGURE 1-5. GRADALL FRAME TRACK CHAIN ASSEMBLY 20
FIGURE 1-6. GRADALL FRAME IDLER ASSEMBLY 22
FIGURE 1-7. GRADALL FRAME SPRING AND SHOCK ASSEMBLIES 24
FIGURE 1-8. GRADALL FRAME ROTARY COUPLING ASSEMBLY 26
FIGURE 1-9. CATERPILLAR FRAME ASSEMBLY 28
FIGURE 1-10. CATERPILLAR FRAME IDLER ASSEMBLY 30
FIGURE 1-11. CATERPILLAR FRAME TRACK ROLLER INSTALLATION 32
FIGURE 1-12. CATERPILLAR FRAME TRACK SHOE INSTALLATION 34
FIGURE 1-13. CATERPILLAR FRAME DRIVE MOTOR ASSEMBLY 36
FIGURE 1-14. CATERPILLAR FRAME DRIVE VALVE ASSEMBLY 38
FIGURE 1-15. CATERPILLAR FRAME DRIVE HUB ASSEMBLY 40
FIGURE 1-16. CATERPILLAR FRAME ROTARY COUPLING ASSEMBLY 42

SECTION 2 - TURNTABLE 45

FIGURE 2-1. CONTROL VALVES INSTALLATIONS 46
FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY 50
FIGURE 2-3. ARTICULATING JIB VALVE ASSEMBLY (660SJC ONLY) 54
FIGURE 2-4. SWING DRIVE, TURNTABLE BEARING AND LOCK INSTALLATIONS 56
FIGURE 2-5. SWING HUB ASSEMBLY (SN 0300128000 through 0300137440) 60
FIGURE 2-6. SWING MOTOR ASSEMBLY (WHITE ROLLER STATOR) (ORIGINAL EQUIPMENT) (SN 0300128000 through 0300137440) 62
FIGURE 2-7. SWING MOTOR ASSEMBLY (PARKER) (SERVICE REPLACEMENT) (SN 0300128000 through 0300137440) 64
FIGURE 2-8. SWING MOTOR/BRAKE/HUB ASSEMBLY (PARKER/FAIRFIELD) (SN 0300137441 through 0300174703) 66
FIGURE 2-9. CATERPILLAR ENGINE INSTALLATION (SN 0300128000 through 0300149851) 70
FIGURE 2-10. CATERPILLAR ENGINE INSTALLATION (SN 0300149852 through 0300174703) 78
FIGURE 2-11. DEUTZ ENGINE INSTALLATION (WITHOUT UGM) 86
FIGURE 2-12. DEUTZ ENGINE INSTALLATION (WITH UGM) 96
FIGURE 2-13. PISTON PUMP ASSEMBLY 104
FIGURE 2-14. GEAR PUMP ASSEMBLY 110
FIGURE 2-15. TANK INSTALLATIONS 112
FIGURE 2-16. GROUND CONTROL ASSEMBLY (WITHOUT UGM) 114
FIGURE 2-17. GROUND CONTROL ASSEMBLY (WITH UGM) 118
FIGURE 2-18. ELECTRICAL OPTIONS INSTALLATION (TURNTABLE MOUNTED) 122
FIGURE 2-19. HOODS (ABS) AND LIFTING PLATE INSTALLATIONS 126
FIGURE 2-20. HOODS (STEEL) AND LIFTING PLATE INSTALLATIONS 132
FIGURE 2-21. ENGINE TRAY JACK INSTALLATION 138
FIGURE 2-22. 2500W GENERATOR INSTALLATION - CATERPILLAR MACHINES (OPTIONAL) 140
FIGURE 2-23. 2500W GENERATOR INSTALLATION - DEUTZ MACHINES (OPTIONAL) 144
FIGURE 2-24. 7500W SKYPOWER GENERATOR INSTALLATION 148
FIGURE 2-25. SKYAIR AIR COMPRESSOR INSTALLATION 154
FIGURE 2-26. AIR COMPRESSOR ASSEMBLY 156

SECTION 3 - BOOM 159

FIGURE 3-1. BOOM INSTALLATION - 600SC 160
FIGURE 3-2. BOOM INSTALLATION - 660SJC 164
FIGURE 3-3. MAIN BOOM ASSEMBLIES - ANSI AND ANSI EXPORT SPECS 168
FIGURE 3-4. MAIN BOOM ASSEMBLIES - AUSTRALIAN AND CE SPECS 172
FIGURE 3-5. ROTATOR ASSEMBLIES 176
FIGURE 3-6. PLATFORM SUPPORT INSTALLATION 178
FIGURE 3-7. POWER TRACK INSTALLATION 180

SECTION 4 - PLATFORM 183

FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION 184
FIGURE 4-2. PLATFORM CONSOLE ASSEMBLY 188
FIGURE 4-3. CONTROLLER ASSEMBLY (LIFT AND SWING) (ORIGINAL EQUIPMENT) 192
FIGURE 4-4. CONTROLLER ASSEMBLY (LIFT AND SWING) (SERVICE REPLACEMENT) 194
FIGURE 4-5. CONTROLLER ASSEMBLY (LIFT AND SWING) (SERVICE REPLACEMENT) 196

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TABLE OF CONTENTS

FIGURE 4-6. CONTROLLER ASSEMBLY (DRIVE AND STEER) 200
FIGURE 4-7. SKYGLAZIER INSTALLATION 202
FIGURE 4-8. SKYCUTTER INSTALLATION - 60HZ POWER SUPPLY 204
FIGURE 4-9. SKYWELDER/SKYCUTTER COMBO INSTALLATION (60HZ) 206
FIGURE 4-10. SKYWELDER INSTALLATION (60HZ) 210
FIGURE 4-11. SKYWELDER INSTALLATION (50HZ) 212
FIGURE 4-12. WELDER ASSEMBLY 214
FIGURE 4-13. PLASMA CUTTER ASSEMBLY - 60HZ POWER SUPPLY 216
FIGURE 4-14. PLASMA CUTTER ASSEMBLY 218

SECTION 5 - CYLINDER 221

FIGURE 5-1. JIB CYLINDER ASSEMBLY (ORIGINAL EQUIPMENT) 222
FIGURE 5-2. JIB CYLINDER ASSEMBLY (SERVICE REPLACEMENT) 224
FIGURE 5-3. JIB CYLINDER ASSEMBLY (SERVICE REPLACEMENT) 226
FIGURE 5-4. LEVEL CYLINDER ASSEMBLY - 600SC (ORIGINAL EQUIPMENT) 228
FIGURE 5-5. LEVEL CYLINDER ASSEMBLY - 600SC (SERVICE REPLACEMENT) 230
FIGURE 5-6. LEVEL CYLINDER ASSEMBLY - 600SC (SERVICE REPLACEMENT) 232
FIGURE 5-7. LEVEL CYLINDER ASSEMBLY - 660SJC (ORIGINAL EQUIPMENT) 234
FIGURE 5-8. LEVEL CYLINDER ASSEMBLIES - 660SJC (SERVICE REPLACEMENT) 236
FIGURE 5-9. LEVEL CYLINDER ASSEMBLY - 660SJC (SERVICE REPLACEMENT) 238
FIGURE 5-10. LIFT CYLINDER ASSEMBLY 240
FIGURE 5-11. MASTER CYLINDER ASSEMBLY 242
FIGURE 5-12. MASTER CYLINDER ASSEMBLY - 660SJC (SERVICE REPACEMENT) 246
FIGURE 5-13. TELESCOPE CYLINDER ASSEMBLY 248

SECTION 6 - HYDRAULIC 251

FIGURE 6-1. FRAME HYDRAULIC DIAGRAM (CATERPILLAR CHASSIS) 252
FIGURE 6-2. FRAME HYDRAULIC DIAGRAM (GRADALL CHASSIS) 254
FIGURE 6-3. STANDARD HYDRAULIC DIAGRAM - CATERPILLAR ENGINE (SN 0300128000 through 0300149851) 256
FIGURE 6-4. STANDARD HYDRAULIC DIAGRAM - CATERPILLAR ENGINE (SN 0300149852 through 0300174703) 260
FIGURE 6-5. STANDARD HYDRAULIC DIAGRAM - DEUTZ ENGINE (SN 0300128000 through 0300169157) 264
FIGURE 6-6. STANDARD HYDRAULIC DIAGRAM - DEUTZ ENGINE (SN 0300169158 through 0300174703) 268
FIGURE 6-7. HYDRAULIC DIAGRAM LIST 272

SECTION 7 - ELECTRICAL 273

FIGURE 7-1. ELECTRICAL DIAGRAM LIST 274
FIGURE 7-2. ELECTRICAL SCHEMATIC (WITHOUT UGM) 276
FIGURE 7-3. ELECTRICAL SCHEMATIC (WITH UGM) 280
FIGURE 7-4. HARNESS COMPONENTS INSTALLATION (WITHOUT UGM) 288
FIGURE 7-5. HARNESS COMPONENTS INSTALLATION (WITH UGM) 304

SECTION 8 - DECALS 319

FIGURE 8-1. DECAL INSTALLATION (ANSI SPECS) 320
FIGURE 8-2. DECAL INSTALLATION (ANSI EXPORT SPECS) 324
FIGURE 8-3. DECAL INSTALLATION (AUSTRALIAN AND CE SPECS) 328

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK 331

FIGURE 9-1. MODELS 600SC/660SJC STANDARD PARTS 332
FIGURE 9-2. MODELS 600SC/660SJC VARIABLE PARTS 334

SECTION 10 - SPECIAL OPTIONS 335

FIGURE 10-1. SPECIAL OPTIONS LIST 336

PART NUMBER INDEX 341

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FIGURE 3-5. ROTATOR ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**ROTATOR ASSEMBLIES**	
	0060067	Ref	**Rotator Assembly 600SC**	A
	0060066	Ref	**Rotator Assembly 660SJC**	C
1	See Note	NSS	Housing/Ring Gear Assembly (Note: Not Available - Purchase Complete Rotator Assembly.)	
2	7017162	1	Shaft	
2	7017195	2	Bushing, Shaft	
3	7017163	1	Piston/Sleeve Assembly	
4	7017164	1	Cap, End	
5	See Note	NSS	O-Ring (Note: Use Item 100A or 100B)	
6	See Note	NSS	Bearing, Shaft (Note: Use Item 101)	
7	See Note	NSS	Thrustwasher (Note: Use Item 101)	
8	See Note	NSS	Packing, Bearing (Note: Use Item 100A or 100B)	
9	See Note	NSS	Seal, Cap (Note: Use Item 100A or 100B)	
10	See Note	NSS	Ring, Back-up Cap (Note: Use Item 100A or 100B)	
11	See Note	NSS	Seal, Rod (Note: Use Item 100A or 100B)	
12	See Note	NSS	Seal, Piston (Note: Use Item 100A or 100B)	
13	See Note	NSS	Bearing, Cap (Note: Use Item 101)	
14	70001697	4	Screw, Countersunk 1/4in-20NC x 3/8in (Grade 8)	
15	See Note	3	Capscrew 1/4 x 1-1/2 (Grade 8) (Note: Not Available for Purchase.)	
16	7017183	3	Valve Assembly	
16	7017193	1	Cartridge, Valve	
16	See Note	NSS	Seal Kit - 7017193 Valve (Note: Use p/n 7017193)	
16	See Note	NSS	Cartridge, Valve (Not Shown - Located on Side of Block) (Note: Use p/n 7017183)	
16	See Note	NSS	Seal Kit - Valve Located on Side of Block (Note: Use p/n 7017183)	
		Ref	**Kit Options**	
100		Ref	Seal Kit Options (Includes Items 5, 8-12 & 102):	
100A	7017158	1	Seal Kit - Standard	
100B	70000342	1	Seal Kit - Low Temperature	
101	7017159		Bearing Kit (Includes Items 6, 7 & 13)	
102	See Note	NSS	Hardware Kit (Note: Part of Item 100 - Use Item 100A or 100B)	

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FIGURE 6-7. HYDRAULIC DIAGRAM LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Note: Information on Diagrams Not Shown is Available From JLG Service/Parts Department.**	
		Ref	**Frame Hydraulic Diagram Options:**	
	1001102504	Ref	Frame Hydraulic Diagram 600SC with Caterpillar Chassis (ANSI, ANSI Export, CSA and Japanese Specs)	
	1001109075	Ref	Frame Hydraulic Diagram 600SC with Caterpillar Chassis (Australian and CE Specs)	
	8021-5014	Ref	Frame Hydraulic Diagram 600SC with Gradall Chassis **(SN 0300128000 through 0300169157)**	
	2360574	Ref	Frame Hydraulic Diagram 600SC with Gradall Chassis **(SN 0300169158 through 0300174703)**	
	1001103563	Ref	Frame Hydraulic Diagram 660SJC with Caterpillar Chassis	
	8021-5016	Ref	Frame Hydraulic Diagram 660SJC with Gradall Chassis **(SN 0300128000 through 0300169157)**	
	2360576	Ref	Frame Hydraulic Diagram 660SJC with Gradall Chassis **(SN 0300169158 through 0300174703)**	
		Ref	**Standard Hydraulic Diagrams:**	
		Ref	Caterpillar Engine	
	2792655	Ref	Standard Hydraulic Diagrams 600SC **(SN 0300128000 through 0300149851)**	
	1283388	Ref	Standard Hydraulic Diagrams 600SC **(SN 0300128000 through 0300149851)**	
	1001105480	Ref	Standard Hydraulic Diagrams 600SC **(SN 0300149852 through 0300174703)**	
	1001104338	Ref	Standard Hydraulic Diagrams 600SC **(SN 0300149852 through 0300174703)**	
	2792656	Ref	Standard Hydraulic Diagrams 660SJC **(SN 0300128000 through 0300149851)**	
	1283388	Ref	Standard Hydraulic Diagrams 660SJC **(SN 0300128000 through 0300149851)**	
	1001104340	Ref	Standard Hydraulic Diagrams 660SJC **(SN 0300149852 through 0300174703)**	
	1001104338	Ref	Standard Hydraulic Diagrams 660SJC **(SN 0300149852 through 0300174703)**	
		Ref	Deutz Engine	
	2792596	Ref	Deutz 600SC Deutz Engine **(SN 0300128000 through 0300168157)**	
	1283348	Ref	Deutz 600SC Deutz Engine **(SN 0300128000 through 0300168157)**	
	1001150763	Ref	Deutz 600SC Deutz Engine **(SN 0300168158 through 0300174703)**	
	1001150760	Ref	Deutz 600SC Deutz Engine **(SN 0300168158 through 0300174703)**	
		Ref	**Standard Hydraulic Schematic Options**	
	2792593	Ref	Standard Hydraulic Schematic **(SN 0300128000 through 0300149851)**	
	1001107109	Ref	Standard Hydraulic Schematic **(SN 0300149852 through 0300169158)**	
	1001151059	Ref	Standard Hydraulic Schematic **(SN 0300169158 through 0300174703)**	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0274593	Ref	**With SkyPower**	1
		Ref	**Boom Cables Installation 660SJC:**	
		Ref	**ANSI and ANSI Export Specs**	
	0272043	Ref	**Without SkyPower and without Arctic Package**	2
	0274594	Ref	**With SkyPower and without Arctic Package**	1
	1001104428	Ref	**Without SkyPower and with Arctic Package**	1
	1001104430	Ref	**With SkyPower and with Arctic Package**	1
		Ref	**CE and Australian Specs**	
	0272046	Ref	**Without SkyPower**	2
	0274595	Ref	**With SkyPower**	1
201		Ref	Harness, Boom (12/4 -18/8) Options:	
201	4922468	1	Harness, Boom (12/4 -18/8) 600SC without Arctic Package	2-B
201	4923657	1	Harness, Boom (12/4 -18/8) 600SC with Arctic Package	1
201	4922467	1	Harness, Boom (12/4 -18/8) 660SJC without Arctic Package	2-B
201	4923657	1	Harness, Boom (12/4 -18/8) 660SJC with Arctic Package	1
201		Ref	Cable, Electrical - 12/4 & 18/8	
201	1060896	67 ft /20.4m	4922468 Harness (600SC without Arctic Package)	
201	4923462	67 ft /20.4m	4923657 Harness (600SC with Arctic Package)	
201	4923462	75 ft /22.9m	4922467 Harness (600SC with Arctic Package)	
201	2820118	8 in/18cm	Heat Shrink	
201A	4460465	11	Socket, Female 18 Gauge	
201A	4460865	1	Connector - 19 Position	
201A	4460509	4	Socket, Female 12 Gauge	
201A	4460466	4	Seal, Plug	
201B	4460473	1	Clamp, Cable	
201C	4460465	11	Socket, Female 18 Gauge	
201C	4460509	4	Socket, Female 12 Gauge	
202		Ref	Cable, Electrical (To Receptacle Box) Options:	
202	4922889	1	Cable, Electrical (To Receptacle Box) 600SC ANSI and ANSI Export Specs without SkyPower and without Arctic Package (12/3 Cable 70ft/21.2m Length)	
202	4923660	1	Cable, Electrical (To Receptacle Box) 600SC ANSI and ANSI Export Specs without SkyPower and with Arctic Package (12/3 Cable 70ft/21.2m Length)	
202	4922884	1	Cable, Electrical (To Receptacle Box) 600SC CE and Australian Specs without SkyPower (12/3 Cable 70ft/21.2m Length)	
202	4922792	1	Cable, Electrical (To Receptacle Box) 600SC All Specs with SkyPower (8/5 Cable 83ft/25.3m)	
202	4922888	1	Cable, Electrical (To Receptacle Box) 660SJC ANSI and ANSI Export Specs without SkyPower and without Arctic Package (12/3 Cable 77ft/23.5m Length)	
202	4923510	1	Cable, Electrical (To Receptacle Box) 660SJC ANSI and ANSI Export Specs without SkyPower and with Arctic Package (12/3 Cable 70ft/21.2m Length)	
202	4922886	1	Cable, Electrical (To Receptacle Box) 660SJC CE and Australian Specs without SkyPower (12/3 Cable 77ft/23.5m Length)	
202	4922791	1	Cable, Electrical (To Receptacle Box) 660SJC All Specs with SkyPower (8/5 Cable 90.5ft/27.6m)	
203	1061045	1	Cable, Electrical - 18/2 (To Drive Disable/Angle Switch)	

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