Illustrated Parts Manual

Model
1044C-54
Series II

SN 0160009654 to Present
including 0160008714

31200069

Revised

October 26, 2016

MidWestTech | Lull 1044C-54 Series II Telehandler Parts Manual | Publication 31200069 Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

SECTION 1 - FRAME AND ATTACHING PARTS 9

FIGURE 1-1. MAIN FRAME ASSEMBLY 10
FIGURE 1-2. OUTRIGGER ASSEMBLY 14

SECTION 2 - BOOM 17

FIGURE 2-1. FIRST BOOM SECTION (Prior to SN 0160037900, Excluding 0160037855) 18
FIGURE 2-2. FIRST BOOM SECTION (SN 0160037900 to Present, Including 0160037855) 22
FIGURE 2-3. BEARING PADS, SPACERS AND SHIMS, (FIRST BOOM SECTION) (Prior to SN 0160037900, Excluding 0160037855) 26
FIGURE 2-4. BEARING PADS, SPACERS AND SHIMS, (FIRST BOOM SECTION) (SN 0160037900 to Present, Including 0160037855) 28
FIGURE 2-5. SECOND BOOM SECTION (Prior to SN 0160037900, Excluding 0160037855) 30
FIGURE 2-6. SECOND BOOM SECTION (SN 0160037900 to Present, Including 0160037855) 32
FIGURE 2-7. BEARING PADS, SPACERS AND SHIMS, (SECOND BOOM SECTION) (Prior to SN 0160037900, Excluding 0160037855) 36
FIGURE 2-8. BEARING PADS, SPACERS AND SHIMS, (SECOND BOOM SECTION) (SN 0160037900 to Present, Including 0160037855) 38
FIGURE 2-9. THIRD BOOM SECTION (Prior to SN 0160037900, Excluding 0160037855) 40
FIGURE 2-10. THIRD BOOM SECTION (SN 0160037900 to Present, Including 0160037855) 44
FIGURE 2-11. FOURTH BOOM SECTION (Prior to SN 0160037900, Excluding 0160037855) 48
FIGURE 2-12. FOURTH BOOM SECTION (SN 0160037900 to Present, Including 0160037855) 50
FIGURE 2-13. TRANSFER CARRIAGE/BOOM CRADLE ASSEMBLY 52
FIGURE 2-14. QUICK ATTACH GROUP INSTALLATION (Prior to SN 0160037900, Excluding 0160037855) 54
FIGURE 2-15. QUICK ATTACH GROUP INSTALLATION (SN 0160037900 to Present, Including 0160037855) 56

SECTION 3 - ATTACHMENTS 59

FIGURE 3-1. CARRIAGE ASSEMBLY (Prior to SN 0160037900, Excluding 0160037855) 60
FIGURE 3-2. CARRIAGE ASSEMBLY (SN 0160037900 through 0160051920, Including 0160037855) 62
FIGURE 3-3. CARRIAGE ASSEMBLY (SN 0160051921 to Present) 64
FIGURE 3-4. TILT CARRIAGE ASSEMBLY (Prior to SN 0160037900, Excluding 0160037855) 66
FIGURE 3-5. TILT CARRIAGE ASSEMBLY (SN 0160037900 to Present, Including 0160037855) 68
FIGURE 3-6. SWING CARRIAGE ASSEMBLY (Prior to SN 0160037900, Excluding 0160037855) 70
FIGURE 3-7. SWING CARRIAGE ASSEMBLY (SN 0160037900 to Present, Including 0160037855) 72
FIGURE 3-8. UTILITY BUCKET (Prior to SN 0160037900, Excluding 0160037855) 74
FIGURE 3-9. 50IN SINGLE FORK POSITIONING CARRIAGE ASSEMBLY (Prior to SN 0160037900, Excluding 0160037855) 76
FIGURE 3-10. 50IN DUAL FORK POSITIONING CARRIAGE ASSEMBLY (Prior to SN 0160037900, Excluding 0160037855) 78
FIGURE 3-11. 50IN DUAL FORK POSITIONING CARRIAGE ASSEMBLY (SN 0160037900 to Present, Including 0160037855) 80
FIGURE 3-12. TRUSS BOOM ASSEMBLY (Prior to SN 0160037900, Excluding 0160037855) 82
FIGURE 3-13. TRUSS BOOM ASSEMBLY (SN 0160037900 to Present, Including 0160037855) 84
FIGURE 3-14. 12FT TRUSS BOOM WITH WINCH (Prior to SN 0160037900, Excluding 0160037855) 86
FIGURE 3-15. 12FT TRUSS BOOM WITH WINCH (SN 0160037900 to Present, Including 0160037855) 88
FIGURE 3-16. CARRIAGE ASSEMBLY WITH 8FT VERTICAL MAST (NON-TILT) (Prior to SN 0160037900, Excluding 0160037855) 90
FIGURE 3-17. CARRIAGE ASSEMBLY WITH 8FT VERTICAL MAST (TILT) (Prior to SN 0160037900, Excluding 0160037855) 92
FIGURE 3-18. 8FT VERTICAL MAST ASSEMBLY (Prior to SN 0160037900, Excluding 0160037855) 96
FIGURE 3-19. FORKS 98
FIGURE 3-20. FORK MOUNTED PLATFORM 100
FIGURE 3-21. SWEEPER ASSEMBLY (SN 0160037900 to Present, Including 0160037855) 104
FIGURE 3-22. GRAPPLE BUCKET (SN 0160037900 to Present, Including 0160037855) 106
FIGURE 3-23. FORK MOUNTED LIFTING HOOK (SN 0160037900 to Present, Including 0160037855) 108
FIGURE 3-24. 8FT MAST ASSEMBLY (SN 0160037900 to Present, Including 0160037855) 110
FIGURE 3-25. BUCKETS (SN 0160037900 to Present, Including 0160037855) 112
FIGURE 3-26. FORK PIN LOCK INSTALLATION (SN 0160037900 to Present, Including 0160037855) 114
FIGURE 3-27. SHEET MATERIAL HANDLER 116
FIGURE 3-28. 50IN SIDE SHIFT CARRIAGE (SN 0160037900 to Present, Including 0160037855) 118

SECTION 4 - ENGINE AND ATTACHING PARTS 121

FIGURE 4-1. ENGINE INSTALLATION (SN 0160009654 through 0160018506, Including 0160008714) 122
FIGURE 4-2. ENGINE INSTALLATION (SN 0160018507 through 0160040407, Excluding 0160037824 and 0160038521) 126
FIGURE 4-3. ENGINE INSTALLATION (SN 0160040413 to Present, Including 0160037824 and 0160038521) 130
FIGURE 4-4. ENGINE (SN 0160009654 through 0160018506, Including 0160008714) 136
FIGURE 4-5. ENGINE (SN 0160018507 through 0160040407, Excluding 0160037824 and 0160038521) 138

MidWestTech | Lull 1044C-54 Series II Telehandler Parts Manual | Publication 31200069 Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

FIGURE 4-6. ENGINE (SN 0160040413 to Present, Including 0160037824 and 0160038521) 142
FIGURE 4-7. RADIATOR ASSEMBLY (SN 0160018507 through 0160040407, Excluding 0160037824 and 0160038521) 144
FIGURE 4-8. RADIATOR ASSEMBLY (SN 0160040413 to Present, Including 0160037824 and 0160038521) 148
FIGURE 4-9. AIR CLEANER INSTALLATION (SN 0160018507 through 0160040407, Excluding 0160037824 and 0160038521) 152
FIGURE 4-10. AIR CLEANER INSTALLATION (SN 0160040413 to Present, Including 0160037824 and 0160038521) 154
FIGURE 4-11. EXHAUST INSTALLATION (SN 0160009654 through 0160040407, Excluding 0160037824 and 0160038521) 156
FIGURE 4-12. EXHAUST INSTALLATION (SN 0160040413 to Present, Including 0160037824 and 0160038521) 158

SECTION 5 - DRIVE TRAIN 161

FIGURE 5-1. DRIVE TRAIN COMPONENTS 162
FIGURE 5-2. FRONT AXLE ASSEMBLY 164
FIGURE 5-3. FRONT AXLE - INPUT 166
FIGURE 5-4. FRONT AXLE - LIMITED SLIP DIFFERENTIAL 170
FIGURE 5-5. FRONT AXLE - AXLE CASING 172
FIGURE 5-6. FRONT AXLE - M-DISC BRAKE 174
FIGURE 5-7. FRONT AXLE - BRAKE 178
FIGURE 5-8. FRONT AXLE - JOINT HOUSING 180
FIGURE 5-9. FRONT AXLE - PLANETARY DRIVE 182
FIGURE 5-10. REAR AXLE ASSEMBLY 184
FIGURE 5-11. REAR AXLE - INPUT 186
FIGURE 5-12. REAR AXLE - DIFFERENTIAL 190
FIGURE 5-13. REAR AXLE - AXLE CASING 192
FIGURE 5-14. REAR AXLE - M-DISC BRAKE 194
FIGURE 5-15. REAR AXLE - BRAKE 198
FIGURE 5-16. REAR AXLE - JOINT HOUSING 200
FIGURE 5-17. REAR AXLE - PLANETARY DRIVE 204
FIGURE 5-18. ZF TRANSMISSION - CONVERTER AND INPUT 206
FIGURE 5-19. ZF TRANSMISSION - GEARBOX HOUSING 208
FIGURE 5-20. ZF TRANSMISSION - REVERSING GEAR KV 210
FIGURE 5-21. ZF TRANSMISSION - REVERSING GEAR KR 212
FIGURE 5-22. ZF TRANSMISSION - COUPLING GROUP K1 214
FIGURE 5-23. ZF TRANSMISSION - COUPLING GROUP K2 216
FIGURE 5-24. ZF TRANSMISSION - COUPLING GROUP K3 218
FIGURE 5-25. ZF TRANSMISSION - COUPLING GROUP K4 220
FIGURE 5-26. ZF TRANSMISSION - OUTPUT 222
FIGURE 5-27. ZF TRANSMISSION - CONTROL UNIT 224
FIGURE 5-28. ZF TRANSMISSION - GEARSHIFT SYSTEM 226
FIGURE 5-29. ZF TRANSMISSION - GEARSHIFT SYSTEM 228
FIGURE 5-30. ZF TRANSMISSION - OIL PUMP, FILTER AND DIPSTICK 230
FIGURE 5-31. DRIVE SHAFT 232
FIGURE 5-32. TIRES AND RIMS 234

SECTION 6 - CAB 237

FIGURE 6-1. OPERATORS COMPARTMENT ASSEMBLY 238
FIGURE 6-2. CAB ENCLOSURE KIT 242
FIGURE 6-3. WINDSHIELD WIPER ASSEMBLY 244
FIGURE 6-4. WINDSHIELD ASSEMBLY 246
FIGURE 6-5. WINDOW ASSEMBLY 248
FIGURE 6-6. DOOR ASSEMBLY 250
FIGURE 6-7. INSULATION INSTALLATION 252
FIGURE 6-8. INSTRUMENT PANEL ASSEMBLY 254
FIGURE 6-9. OPERATOR'S SEAT (SN 0160009654 through 0160013146, Including 0160008714) 256
FIGURE 6-10. OPERATOR'S SEAT (SN 0160013147 to Present) 258
FIGURE 6-11. HEATER AND AIR CONDITIONING SYSTEM (Prior to SN 0160040413, Excluding 0160037824 and 0160038521) 260
FIGURE 6-12. HEATER AND AIR CONDITIONING SYSTEM (SN 0160040413 to Present, Including 0160037824 and 0160038521) 264

SECTION 7 - CONTROLS 267

FIGURE 7-1. JOYSTICK (Prior to SN 0160048698) 268
FIGURE 7-2. JOYSTICK (SN 0160048698 to Present) 270
FIGURE 7-3. FRAME LEVEL AND OUTRIGGER JOYSTICK ASSEMBLY (Prior to SN 0160048698) 272
FIGURE 7-4. FRAME LEVEL AND OUTRIGGER JOYSTICK ASSEMBLY (SN 0160048698 to Present) 274

MidWestTech | Lull 1044C-54 Series II Telehandler Parts Manual | Publication 31200069 Order the manual at mid-west-tech.com >

FIGURE 7-5. STEER COLUMN ASSEMBLY (Prior to SN 0160049803) 276
FIGURE 7-6. STEER COLUMN ASSEMBLY (SN 0160049803 to Present) 278
FIGURE 7-7. BRAKE VALVE ASSEMBLY 280
FIGURE 7-8. ACCELERATOR PEDAL 282

SECTION 8 - HYDRAULIC CIRCUITS 285

FIGURE 8-1. PUMP, SUCTION - RETURN 286
FIGURE 8-2. BOOM HYDRAULIC CYLINDER 288
FIGURE 8-3. HOIST AND REAR CARRIAGE TILT 292
FIGURE 8-4. SECOND AUXILIARY CIRCUIT 294
FIGURE 8-5. TRANSFER CYLINDER 298
FIGURE 8-6. OUTRIGGER CYLINDER AND JOYSTICK 300
FIGURE 8-7. FRAME LEVEL AND REAR AXLE STABILIZER 302
FIGURE 8-8. STEERING CYLINDER 306
FIGURE 8-9. JOYSTICK CONTROL CIRCUIT 308
FIGURE 8-10. SERVICE BRAKE CIRCUIT 312
FIGURE 8-11. PARK BRAKE CIRCUIT 314
FIGURE 8-12. TEST PORT HYDRAULIC ASSEMBLY 316

SECTION 9 - HYDRAULIC COMPONENTS 319

FIGURE 9-1. FRONT CARRIAGE TILT CYLINDER (Prior to SN 0160037900, Excluding 0160037855) 320
FIGURE 9-2. FRONT CARRIAGE TILT CYLINDER (SN 0160037900 to Present, Including 0160037855) 322
FIGURE 9-3. REAR CARRIAGE TILT CYLINDER 324
FIGURE 9-4. FRAME TILT CYLINDER 326
FIGURE 9-5. HOIST CYLINDER 328
FIGURE 9-6. BOOM EXTENSION CYLINDER 330
FIGURE 9-7. TRANSFER CYLINDER 332
FIGURE 9-8. OUTRIGGER CYLINDER (Prior to SN 0160058596) 334
FIGURE 9-9. OUTRIGGER CYLINDER (SN 0160058596 to Present) 336
FIGURE 9-10. REAR STABILIZER CYLINDER (Including 1001140447) 338
FIGURE 9-11. STEERING CYLINDER 340
FIGURE 9-12. HYDRAULIC CONTROL VALVE ASSEMBLY 342
FIGURE 9-13. TANDEM PUMP 346
FIGURE 9-14. ACCUMULATOR CHARGE VALVE 348
FIGURE 9-15. 6-PORT CIRCUIT SELECTOR VALVE ASSEMBLY 350
FIGURE 9-16. HYDRAULIC RETURN LINE FILTER ASSEMBLY 352
FIGURE 9-17. PRESSURE FILTER ASSEMBLY 354
FIGURE 9-18. INLINE FILTER ASSEMBLY 356
FIGURE 9-19. ACCUMULATOR ASSEMBLY 358
FIGURE 9-20. REAR AXLE STABILIZER CONTROL VALVE, (UNDER CAB) 360
FIGURE 9-21. REAR AXLE STABILIZER VALVE, (ON REAR AXLE) 362
FIGURE 9-22. FUEL/HYDRAULIC TANK ASSY 364
FIGURE 9-23. BOOM EXTEND LOCKOUT VALVE ASSEMBLY 366
FIGURE 9-24. PARK BRAKE VALVE ASSEMBLY 368
FIGURE 9-25. VALVE PLATE COMPONENTS ASSEMBLY 370
FIGURE 9-26. SIDE TILT CARRIAGE CYLINDER 372
FIGURE 9-27. 72IN 90, SWING CARRIAGE CYLINDER 374
FIGURE 9-28. GRAPPLE BUCKET CYLINDER 376
FIGURE 9-29. 50IN SIDE SHIFT CARRIAGE CYLINDER (SN 0160037900 to Present, Including 0160037855) 378
FIGURE 9-30. SHUTTLE VALVE (SN 0160048698 to Present) 380

SECTION 10 - ELECTRICAL 383

FIGURE 10-1. FRAME HARNESS INSTALLATION (SN 0160009654 through 0160017144, Including 0160008714) 384
FIGURE 10-2. FRAME HARNESS INSTALLATION (SN 0160017145 to Present) 386
FIGURE 10-3. OUTRIGGER/BOOM EXTEND LOCKOUT HARNESS INSTALLATION 388
FIGURE 10-4. ENGINE ELECTRICAL GROUP (Prior to SN 0160040407, Excluding 0160037824 and 0160038521) 390
FIGURE 10-5. ENGINE ELECTRICAL GROUP (SN 0160040413 to Present, Including 0160037824 and 0160038521) 392
FIGURE 10-6. TRANSMISSION HARNESS INSTALLATION 396
FIGURE 10-7. OPERATOR'S COMPARTMENT ELECTRICAL GROUP INSTALLATION 398
FIGURE 10-8. FUSES, RELAYS AND BUZZER MOUNTING PANEL 400
FIGURE 10-9. ENGINE ECU HARNESS (SN 0160040413 to Present, Including 0160037824 and 0160038521) 402
FIGURE 10-10. ECM POWER HARNESS (SN 0160040413 to Present, Including 0160037824 and 0160038521) 404
FIGURE 10-11. ELECTRICAL OPTIONS HARNESS (SN 0160032761 to Present) 406

MidWestTech | Lull 1044C-54 Series II Telehandler Parts Manual | Publication 31200069 Order the manual at mid-west-tech.com >

FIGURE 8-1. PUMP, SUCTION - RETURN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1		Ref	TANDEM PUMP, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
2	10701312	8	LOCKWASHER, 1/2	
3		Ref	ACCUMULATOR CHARGE VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
4		Ref	HYDRAULIC CONTROL VALVE ASSY, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
5		Ref	FUEL/HYDRAULIC TANK ASSY, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
6	10712971	2	O-RING	
7	2754331	1	SUCTION HOSE	
8	10265485	1	RETURN MANIFOLD	
9	10720485	2	CUSHION CLAMP	
10		Ref	BRAKE VALVE ASSY, (See CONTROLS SECTION for Breakdown)	
11	10730177	1	HOSE ASSY	
12	10837605	1	HOSE ASSY	
13		Ref	OIL COOLER HOSE, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
14	10837606	1	HOSE ASSY	
15	8546407	4	FLANGE HALF	
16	10700404	8	HEX HD CAPSCREW, 1/2-13X1-1/2	
17	2220578	1	ELBOW, 90, (includes o-ring)	
18	2220451	1	REDUCER	
19	2220999	1	TEE	
20	1012358	1	RETURN HOSE	
21	2220493	1	ELBOW, 90	
22	8405102	2	HOSE CLAMP	
23	10139537	1	ADAPTER TUBE, (includes o-ring)	
24	2220408	1	STRAIGHT ADAPTER	
25	2220371	1	CONNECTOR, (includes o-ring)	
26	10265275	1	MODIFIED ADAPTER	

MidWestTech | Lull 1044C-54 Series II Telehandler Parts Manual | Publication 31200069 Order the manual at mid-west-tech.com >

FIGURE 8-11. PARK BRAKE CIRCUIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	8770189	2	BULKHEAD ELBOW, 45	
2	10727185	1	HOSE ASSEMBLY	
3	10719891	1	HOSE ASSEMBLY	
4	10719414	1	CHECK VALVE	
5	10720857	1	HOSE ASSEMBLY	
6	10165649	1	CHECK VALVE	
7	10700102	2	HEX HD CAPSCREW, 5/16-18X3/4	
8	10701309	2	LOCKWASHER, 5/16	
9		Ref	PARKING BRAKE VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
10	10166940	1	ELBOW, 90, (includes o-ring)	
11	10166941	1	PRESSURE SWITCH	
12		Ref	REAR AXLE STABILIZER CONTROL VALVE, (under cab), (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
13	10837508	1	HOSE ASSEMBLY	
14	2754334	1	HOSE ASSEMBLY	
15		Ref	PRESSURE FILTER/ACCUMULATOR, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
16	2220415	1	ADAPTOR, (includes o-ring)	
17	2220221	1	ADAPTOR, (includes o-ring)	
18	2220606	1	SWIVEL TEE	
19	10729167	1	HOSE ASSEMBLY	
20	2221034	1	TEE, (includes o-ring)	
21		Ref	ACCUMULATOR CHARGE VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
22		Ref	TANDEM PUMP, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
23	10718942	1	BULKHEAD UNION TEE	
24		Ref	STEERING HYDRAULIC CIRCUIT, (See STEERING CYLINDER for Breakdown)	
25	2754335	1	HOSE ASSEMBLY	
26	2754333	1	HOSE ASSEMBLY	
27	2220654	1	ELBOW, 90, (swivel nut)	
28		Ref	BRACKET AND MOUNTING HARDWARE, (See STEERING CYLINDER for Breakdown)	
29	10701404	1	FLAT WASHER, 3/8	
30	10726099	1	BRANCH TEE	
31	2752908	2	HOSE ASSEMBLY, (not shown)	
32		Ref	FRONT AXLE ASSEMBLY, (See DRIVE TRAIN SECTION for Breakdown)	
33	10724679	1	HOSE ASSEMBLY, (not shown)	
34	2220473	1	ELBOW, 90, (includes o-ring), (not shown)	
35	2220466	1	ELBOW, 90, (includes o-ring), (not shown)	

MidWestTech | Lull 1044C-54 Series II Telehandler Parts Manual | Publication 31200069 Order the manual at mid-west-tech.com >

FIGURE 9-25. VALVE PLATE COMPONENTS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1		Ref	8 SECTION HYDRAULIC CONTROL VALVE ASSY, (Single Aux), (See HYDRAULIC CONTROL VALVE ASSEMBLY for Breakdown)	
1		Ref	9 SECTION HYDRAULIC CONTROL VALVE ASSY, (Dual Aux), (See HYDRAULIC CONTROL VALVE ASSEMBLY for Breakdown)	
2	10438545	1	VALVE PLATE	
3	10700403	5	HEX HD CAPSCREW, 1/2-13X1-1/4, GR5, (torque to 52-58 lb-ft)	
4	10238557	1	FRONT HOSE TRAY SUPPORT BRACKET	
5		Ref	REAR AXLE STABILIZER CONTROL VALVE, (under cab), (See REAR AXLE STABILIZER CONTROL VALVE, (UNDER CAB) for Breakdown)	
6	10701279	1	FLAT WASHER, 1/2	
7	10700411	1	HEX HD CAPSCREW, 1/2-13X3-1/4, GR5	
8	10700001	4	HEX HD CAPSCREW, 1/4-20X1/2, GR5	
9	10701308	9	LOCKWASHER, 1/4	
10	10700006	1	HEX HD CAPSCREW, 1/4-20X1-1/4, GR5	
11		Ref	ACCUMULATOR, (See ACCUMULATOR ASSEMBLY for Breakdown)	
12	10701506	2	HEX NUT, 1/4-20	
13	10720902	AR	LOOM, 3/8x1	
14	10139360	1	HOSE GUIDE, (includes 1 each items 15 & 16)	
15	10701508	4	HEX NUT, 3/8-16	
16	10701404	2	FLAT WASHER, 3/8	
17	10238549	1	ACCUMULATOR AND PRESSURE FILTER MOUNTING BRACKET	
18	10700204	4	HEX HD CAPSCREW, 3/8-16X1, GR5	
19		Ref	PRESSURE FILTER, (See PRESSURE FILTER ASSEMBLY for Breakdown)	
20	10701312	9	LOCKWASHER, 1/2	
21	10700452	3	HEX HD CAPSCREW, 1/2-20X1, GR5	
22	10701310	4	LOCKWASHER, 3/8	
23	10700015	2	HEX HD CAPSCREW, 1/4-20X3-1/2, GR5, (Single Aux)	
23	10700023	2	HEX HD CAPSCREW, 1/4-20X7, GR5, (Dual Aux)	
24		Ref	CIRCUIT SELECTOR VALVE, (See 6-PORT CIRCUIT SELECTOR VALVE ASSEMBLY for Breakdown)	
25	10701510	3	HEX NUT, 1/2-13	
26	10701309	2	LOCKWASHER, 5/16	
27	10700103	2	HEX HD CAPSCREW, 5/16-18X7/8, GR5	
28	10700009	3	HEX HD CAPSCREW, 1/4-20X2, GR5	
29		Ref	BOOM EXTEND LOCKOUT VALVE, (See BOOM EXTEND LOCKOUT VALVE ASSEMBLY for Breakdown)	
30	10705000	1	HEX LOCKNUT, 1/4-20	
31	10701406	3	FLAT WASHER, 1/2	
32	10717593	2	HOSE CLAMP	

MidWestTech | Lull 1044C-54 Series II Telehandler Parts Manual | Publication 31200069 Order the manual at mid-west-tech.com >