Illustrated Parts Manual

Model

R2632

PVC
1910
2004

P/N
31215092

March 15, 2020 - Rev B

ANSI

AS/NZS

An Oshkosh Corporation Company

MidWestTech | JLG R2632 Scissor Lift Parts Manual | Publication 31215092

Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

SECTION 1 - FRAME 11

FIGURE 1-1. STEER INSTALLATION 12
FIGURE 1-2. DRIVE/BRAKE INSTALLATION 14
FIGURE 1-3. DRIVE MOTOR ASSEMBLY 16
FIGURE 1-4. POTHOLE PROTECTION SYSTEM INSTALLATION 18
FIGURE 1-5. TILT SENSOR INSTALLATION 20
FIGURE 1-6. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT) (LOCALLY SUPPLIED PLUG) 22
FIGURE 1-7. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT) (LOCALLY SUPPLIED PLUG) 24
FIGURE 1-8. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT) (110V PLUG) 26
FIGURE 1-9. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT) (110V PLUG) 28
FIGURE 1-10. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT) (AUSTRALIAN PLUG) 30
FIGURE 1-11. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT) (AUSTRALIAN PLUG) 32
FIGURE 1-12. BATTERY CHARGER INSTALLATION - DELTA-Q (WITHOUT COMMUNICATION PORT) (KOREAN PLUG) 34
FIGURE 1-13. BATTERY CHARGER INSTALLATION - DELTA-Q (WITH COMMUNICATION PORT) (KOREAN PLUG) 36
FIGURE 1-14. BATTERY CHARGER INSTALLATION - EAGLE PERFORMANCE (110V PLUG) 38
FIGURE 1-15. BATTERY CHARGER INSTALLATION - GREEN POWER (LOCALLY SUPPLIED PLUG) 40
FIGURE 1-16. BATTERY CHARGER INSTALLATION - GREEN POWER (CHINA PLUG) 42
FIGURE 1-17. STROBE LIGHT INSTALLATION - SINGLE (AMBER) (WITH GUARD) 44
FIGURE 1-18. STROBE LIGHT INSTALLATION - DUAL (AMBER) (WITH GUARD) 46
FIGURE 1-19. ALARM INSTALLATION (AMBIENT/WHITE NOISE) 48
FIGURE 1-20. LADDER INSTALLATION 50
FIGURE 1-21. FRAME COVERS INSTALLATION 52

SECTION 2 - GROUND CONTROLS 55

FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION 56
FIGURE 2-2. MAIN VALVE ASSEMBLY 58
FIGURE 2-3. ELECTRICAL COMPONENTS INSTALLATION (CHINA & MEXICO BUILT MACHINES) 60
FIGURE 2-4. ELECTRICAL COMPONENTS INSTALLATION - #1 (EUROPEAN BUILT MACHINES) 62
FIGURE 2-5. ELECTRICAL COMPONENTS INSTALLATION - #2 (EUROPEAN BUILT MACHINES) 64
FIGURE 2-6. ACCESS CONTROL KEYPAD INSTALLATION 66
FIGURE 2-7. MOBILE CONTROL INSTALLATION 68
FIGURE 2-8. MDI INSTALLATION 70
FIGURE 2-9. BATTERIES INSTALLATION - STANDARD 6V-250AH 72
FIGURE 2-10. BATTERIES INSTALLATION - STANDARD 6V-220AH 74
FIGURE 2-11. BATTERIES INSTALLATION - AGM 6V-220AH 76
FIGURE 2-12. BATTERIES INSTALLATION - AGM EVCG 6V-220AH 78
FIGURE 2-13. BATTERIES INSTALLATION - 6V-220AH (TROJAN) 80
FIGURE 2-14. INVERTER INSTALLATION (OPTIONAL) 82
FIGURE 2-15. DOORS INSTALLATION 84

SECTION 3 - SCISSORS ARMS 87

FIGURE 3-1. SCISSORS ARMS INSTALLATION 88
FIGURE 3-2. ARM GUARDS INSTALLATION 92

SECTION 4 - PLATFORM 95

FIGURE 4-1. PLATFORM INSTALLATION 96
FIGURE 4-2. PLATFORM EXTENSION INSTALLATION 98
FIGURE 4-3. RAILS INSTALLATION (SIDE BY SIDE) 100
FIGURE 4-4. RAILS INSTALLATION (TUBE IN TUBE) 102
FIGURE 4-5. EXTENSION HANDLES INSTALLATION (OPTIONAL) 104
FIGURE 4-6. GATE LATCH INSTALLATION - OPTIONAL 106
FIGURE 4-7. PLATFORM CONSOLE INSTALLATION (ALL SPECS EXCEPT AUSTRALIAN SPECS) (PVC1910) 108
FIGURE 4-8. PLATFORM CONSOLE INSTALLATION (ALL SPECS EXCEPT AUSTRALIAN SPECS) (PVC2004) 110
FIGURE 4-9. PLATFORM CONSOLE INSTALLATION (AUSTRALIAN SPECS) 112
FIGURE 4-10. DRIVE/STEER CONTROLLER ASSEMBLY 114
FIGURE 4-11. PIPE RACKS INSTALLATION (OPTIONAL) 116
FIGURE 4-12. OVERHEAD PROTECTION INSTALLATION (KOREAN SPECS) 118

SECTION 5 - CYLINDER 121

MidWestTech | JLG R2632 Scissor Lift Parts Manual | Publication 31215092 Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

FIGURE 5-1. LIFT CYLINDER ASSEMBLY 122
FIGURE 5-2. STEER CYLINDER ASSEMBLY 124

SECTION 6 - HYDRAULIC 127

FIGURE 6-1. HYDRAULIC COMPONENTS INSTALLATION 128

SECTION 7 - ELECTRICAL 131

FIGURE 7-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ALL SPECS EXCEPT AUSTRALIAN & CE SPECS) 132
FIGURE 7-2. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPECS) 134
FIGURE 7-3. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPECS) 136
FIGURE 7-4. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE SPECS) 138
FIGURE 7-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE SPECS) 140
FIGURE 7-6. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 (CE SPECS) 142
FIGURE 7-7. AC BOX AT PLATFORM INSTALLATION - 220V LOCALLY SUPPLIED 144
FIGURE 7-8. AC BOX AT PLATFORM INSTALLATION - 220V (AUSTRALIAN SPECS) 146
FIGURE 7-9. AC BOX AT PLATFORM INSTALLATION - 220V CHINA PLUG (CHINA SPECS) 148
FIGURE 7-10. BREAKER BOX KIT (AUSTRALIAN SPEC) 150
FIGURE 7-11. BREAKER BOX KIT WITH 1 DOUBLE BREAKER (CE SPECS) 152
FIGURE 7-12. BREAKER BOX KIT WITH 3 BREAKERS (CE SPECS) 154
FIGURE 7-13. CAN SPLICE HARNESS (CHARGER WITH COMMUNICATION PORT) 156
FIGURE 7-14. CHARGER HARNESS (CHARGER WITH COMMUNICATION PORT) (PVC1910) 158
FIGURE 7-15. CHARGER HARNESS (CHARGER WITH COMMUNICATION PORT) (PVC2004) 160
FIGURE 7-16. CHASSIS HARNESS 162
FIGURE 7-17. GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE (CHINA BUILT MACHINES) 166
FIGURE 7-18. GROUND TO PLATFORM CABLE INSTALLATION - WITHOUT PLATFORM COIL CABLE & WITH FOOTSWITCH (CHINA BUILT MACHINES) 168
FIGURE 7-19. GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE (CHINA BUILT MACHINES) 170
FIGURE 7-20. GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE & FOOTSWITCH (CHINA BUILT MACHINES) 172
FIGURE 7-21. GROUND TO PLATFORM CABLE INSTALLATION - PLATFORM STRAIGHT CABLE ONLY (USA AND EUROPE BUILT MACHINES) 174
FIGURE 7-22. GROUND TO PLATFORM CABLE INSTALLATION - PLATFORM COIL CABLE ONLY (USA AND EUROPE BUILT MACHINES) 176
FIGURE 7-23. GROUND TO PLATFORM CABLE INSTALLATION - SCISSORS ARMS CABLE ONLY (USA AND EUROPE BUILT MACHINES) 178
FIGURE 7-24. LIFT DOWN HARNESS 180
FIGURE 7-25. PLATFORM CONTROL BOX HARNESS 182
FIGURE 7-26. RECEPTACLE BOX KIT - 110V GFI 184
FIGURE 7-27. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC) 186
FIGURE 7-28. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC) 188
FIGURE 7-29. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC) 190
FIGURE 7-30. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC) 192

SECTION 8 - DECALS 195

FIGURE 8-1. DECAL INSTALLATION (ANSI SPECS) 196
FIGURE 8-2. DECAL INSTALLATION (AUSTRALIAN SPECS) 198
FIGURE 8-3. DECAL INSTALLATION (BRAZIL SPECS) 200
FIGURE 8-4. DECAL INSTALLATION (CE SPECS) 202
FIGURE 8-5. DECAL INSTALLATION (CHINA SPECS) 204
FIGURE 8-6. DECAL INSTALLATION (CSA SPECS) 206
FIGURE 8-7. DECAL INSTALLATION (KOREAN SPECS) 208
FIGURE 8-8. DECAL INSTALLATION (LATIN AMERICAN SPECS) 210
FIGURE 8-9. DECAL INSTALLATIONS - OPTIONS 212

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK 215

FIGURE 9-1. RECOMMENDED SERVICE PARTS STOCK 216

SECTION 10 - SPECIAL OPTIONS 217

FIGURE 10-1. SPECIAL OPTIONS 218

MidWestTech | JLG R2632 Scissor Lift Parts Manual | Publication 31215092 Order the manual at mid-west-tech.com >

PART NUMBER INDEX 221

MidWestTech | JLG R2632 Scissor Lift Parts Manual | Publication 31215092 Order the manual at mid-west-tech.com >

FIGURE 7-19. GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE (CHINA BUILT MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239676	Ref	GROUND TO PLATFORM CABLE INSTALLATION - WITH PLATFORM COIL CABLE	B
1	4240017	AR	Tie-Strap (Not Shown)	
2	1001202184	1	Platform Harness	
2	4460899	1	Receptacle, Female - 6 Position (To Item 3)	
2	4460464	4	Pin, Male	
2	4460943	2	Pin, Male	
2	4460754	1	Connector - 14 Position (To Console Box)	
2	4460465	8	Socket, Female	
2	4460466	6	Plug, Terminal	
3	1001237132	1	Cable Assembly - Ground to Platform	
3	4460894	1	Plug, Male - 6 Position (To Platform Harness Item 2)	
3	4460465	4	Socket, Female	
3	4460944	2	Socket, Female	
3	4460899	1	Receptacle, Female - 6 Position (To Chassis Harness)	
3	4460464	4	Pin, Male	
3	4460943	2	Pin, Male	

MidWestTech | JLG R2632 Scissor Lift Parts Manual | Publication 31215092 Order the manual at mid-west-tech.com >

FIGURE 8-3. DECAL INSTALLATION (BRAZIL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238017	Ref	DECAL INSTALLATION (SPANISH/PORTUGUESE LANGUAGE)	C
	1001237749	Ref	DECAL REFERENCE CHART	E
1	2080040	3	Fastener	
2	2080057	4	Fastener	
3	8990147	1	Holder, Manual	
100	1001239270	1	Master Decal Kit	D
101	1701504	1	Decal - Hydraulic Oil	
102	1701640	1	Decal - Manual	
103	1703819	4	Decal - Direction Arrow	
104	1001248126	1	Decal – Manual Descent Instructions	
105	1704016	2	Decal - Fork Lift	
106	1704277	4	Decal - Lanyard Attach	
107	1704412	1	Decal - Hydraulic Oil	
108	1001132359	1	Decal - Control Box Locate	
109	1001162864	2	Decal - Lift Point/Tie Down	
110	1001212290	1	Decal - Tie Down	
111	1001212291	2	Decal - Lifting Lug	
112	1001237899	1	Decal - Arms Prop	
201	1702155	1	Decal - Battery Disconnect	
202	1704699	1	Decal - Danger/Warning	
203	1001146794	1	Decal - Battery/Charger Service	
204	1001216650	4	Decal - Crushing Hazard	
205	1001215748	4	Decal - Electrocution	
206	1001212292	1	Decal - No Lifting	
207	1001212293	1	Decal - No Forklift	
208	1001237538	1	Decal - Battery Spacer	
209	1704341	2	Decal - Warning Battery Ventilation	
212	1001224052	1	Decal - Yearly Inspection	
213	1001216648	4	Decal - Danger Electrocution	

MidWestTech | JLG R2632 Scissor Lift Parts Manual | Publication 31215092 Order the manual at mid-west-tech.com >

FIGURE 8-9. DECAL INSTALLATIONS - OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	DECAL INSTALLATION - OPTIONS:	
25	1001209906	Ref	Corner Stripes Installation	
25	4420051	30 in/ 75 cm	Tape, Safety	
30		Ref	Decal - Capacity Options	
30	1001239684	1	Decal - Capacity (507 LB/ 230 KG)	
30	1001244506	Ref	Decal - Capacity (with Dual Languages)	
30	1001239684	1	Decal - Capacity (507 LB/ 230 KG)	
30	1001216865	1	Plate, Decal Mounting (Not Shown)	
30	1001248681	1	Decal - Capacity (507 LB/ 230 KG) (Indoor Only (Australian Specs)	
43	1001257174	2	Decal - Model Designation - R2632	
44	1706310	4	Decal - Maximum Tire Load	
71	See Note	NSS	Decal - Manufacturing Serial Number (Note: Not Available for Purchase)	
110	1001255102	Ref	JLG Decal Installation	A
110A	1001255104	1	Decal - Door (RH)	
110B	1001255105	1	Decal - Door (LH)	
110C	1001256675	1	Decal - JLG	
110D	1001256676	1	Decal - JLG	
156	1001173703	1	Decal - EAC (Russian/CIS Specs)	

MidWestTech | JLG R2632 Scissor Lift Parts Manual | Publication 31215092 Order the manual at mid-west-tech.com >