A TEREX BRAND

Parts Manual

Serial Number Range

Z-40/23N from SN Z40N16N-4000 to Z40N16N-4499

Z-40/23N RJ from Z40NN-4500 to 4915

Part No. 1263372GT

Rev C4

November 2018

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

Table of Contents

This manual is updated frequently. If you have a printed manual, you can keep it up to date by downloading new figures from the Genie website at www.genielift.com. For the most up-to-date parts information, visit the Parts Lookup System on the Genie website at www.genielift.com.

How to Read Your Serial Number....3
Parts Stocking List....7
How to Order Parts....8
Service Parts Fax Order Form....9

Electronic Version

Click on any page number to view the figure.

001 Parts Stocking List
001.1 Parts Stocking List....10

100 Decals
101.1 Decals with Words....12
102.1 Decals with Symbols....14

200 Chassis Components
201.1 Front Axle Assembly....16
202.1 Rear Axle Assembly....18
203.1 Drive Chassis Components - View 1....20
204.1 Drive Chassis Components - View 2....22
205.1 Drive Chassis Components - View 3....24
206.1 Fuse Box Assembly....26
207.1 Power Cables....28
208.1 Battery Charger....30

300 Turntable Components
301.1 Turntable Rotator....32
302.1 Turntable Components - View 1....34
303.1 Turntable Components - View 2....36
304.1 Ground Control Box - View 1....38
305.1 Ground Control Box - View 2....40
306.1 Turntable Cover - View 1....42
307.1 Turntable Cover - View 2....44
308.1 Wire Harness Diagram....46

400 Boom Components
401.1 Boom Pins and Bearings....48
402.1 Secondary Linkage....50
403.1 Upper Pivot....52
404.1 Primary Boom Wear Pads....54
405.1 Primary and Extension Booms....56
406.1 Cable Track....58
407.1 Jib Boom and Platform Rotator....60
408.1 Rotating Jib Boom Assembly....62

500 Pumps and Manifolds
501.1 Hydraulic Power Unit....64
502.1 Function Manifold....66
503.1 Jib Rotate Manifold....68
504.1 Jib Manifold....70

600 Platform Components
601.1 Platform Components....72
602.1 Platform Control Box - View 1....74
603.1 Platform Control Box - View 2....76
604.1 Joystick Controller....78

700 Hydraulic Hoses and Fittings
701.1 Drive Chassis....80
702.1 Turntable Components....82
703.1 Boom Components....84

800 Accessories
801.1 Flashing Beacon....86
802.1 Air Line to Platform....88
803.1 Platform Accessories - View 1....90
804.1 Platform Accessories - View 2....92
805.1 Auxiliary Rail Assembly....94
806.1 Platform Overload....96
807.1 Hostile Environmental Package - Primary Boom Wipers....98
808.1 Hostile Environmental Package - Cylinder Bellows..100
809.1 Inverter....102
810.1 Lift Guard Contact Alarm (from January 2017)....104

Indices
Part Number Index....106
Part Description Index....109

Cross References
Fittings Cross Reference....114

MidWestTech | Terex Genie Z-40/23N, Z-40/23N RJ Articulated Boom Lift Parts Manual | P... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
A		— **GENERAL SERVICE PARTS** —	
--	1257733GT	PAINT,WET,TRAFFIC BLACK (1 GL)** *1-gallon*	
--	1258567GT	PAINT, AEROSOL, TRAFFIC BLACK *12-ounce spray paint*	
--	1268GT	PAINT,AEROSOL,GENIE GRAY*** *12-ounce spray paint*	
--	1283776GT	SEAL MARKER,CROSS CHECK,BLUE,TUBE	
--	1484GT	PAINT,AEROSOL,BRIGHT BLUE*** *12-ounce spray paint*	
--	28750GT	O-RING KIT,FIELD SVC,ALL PROD* *O-ring kit, SAE*	
--	32150GT	PAINT,WET,GENIE BLUE (1 GL)** *1-gallon*	
--	32151GT	PAINT,WET,GENIE GRAY (1 GL)** *1-gallon*	
--	33994GT	PLUG AND CAP KIT-SERVICE,37 ** *Plug and cap kit, SAE*	
--	36555GT	CHOCK,CYLINDER (SERVICE TOOL)	
--	49612GT	O-RING KIT (ORFS FITTINGS) *O-ring kit, ORFS*	
--	49613GT	PLUG AND CAP KIT-SERVICE,ORFS* *Plug and cap kit, ORFS*	
--	66399GT	GREASE,DIELECTRIC 4 OZ**	
--	93500GT	PARKER DIGITAL PRESSURE GAUGE	
--			
1		— **MANUALS** —	
--	27581GT	MANUAL,AEM SAFETY	
--	31779GT	MANUAL,RESPON,A92.5 BOOM	
2		— **HYD FILTERS** —	
--	44788GT	FILTER ELEMENT,10MICRON,PAPER*	
--	78622GT	FILTER ASSY,SAE8,10 MIC,PAPR**	
3		— **FUSES** —	
--	18576GT	FUSE,200 AMP	
--	43179GT	FUSE,500 AMP,VERY FAST ACTING	

MidWestTech | Terex Genie Z-40/23N, Z-40/23N RJ Articulated Boom Lift Parts Manual | P... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
A	110338GT	MANIFOLD,FUNCTION	
1	107788GT	VALVE,PROPORTIONAL 3 POS 4 WY *BU, Primary boom extend/retract*	
--	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
--	44229GT	SEAL KIT, VALVE	
2	47092GT	ORIFICE DISC,.046",GREEN *BM, Secondary boom down*	
3	94614GT	VALVE,PROP,3 POS,4-WAY*** *BS, Primary boom up/down*	
--	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
--	44229GT	SEAL KIT, VALVE	
4	119828GT	VALVE,PROPORTIONAL 3 POS 4 WY* *BC, Steer left/right*	
--	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
--	44229GT	SEAL KIT, VALVE	
5	94614GT	VALVE,PROP,3 POS,4-WAY*** *BN, Secondary boom up/down*	
--	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
--	44229GT	SEAL KIT, VALVE	
6	119829GT	VALVE,RELIEF 2100 PSI *BP, Secondary down*	
--	44227GT	SEAL KIT, VALVE	
7	110180GT	VALVE, COMPENSATOR, 80 PSI *BL, Turntable rotate curcuit*	
8	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY* *BK, Turntable rotate left/right*	
--	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
--	44229GT	SEAL KIT, VALVE	
9	826779GT	VALVE,SHUTTLE *BJ Turntable rotate curcuit*	
10	54063GT	VALVE,CB,CBBC-LHN@1000*** *BT, Primary down*	
--	43018GT	SEAL KIT (39345)	
11	119830GT	VALVE,PROPORTIONAL RELIEF *BW, System relief*	
--	119825GT	COIL, 24V, DEUTSCH NO DIODE	
--	44227GT	SEAL KIT, VALVE	
12	101055GT	VALVE,NEEDLE,FINE ADJUSTMENT** *BH, Platform level up/down*	
13	52368GT	VALVE,CHECK,GS68 (SIZE8 8) *"BA, Prevents oil from draining out of jib/rotate manifold back to tank"*	
--	44227GT	SEAL KIT, VALVE	
14	107740GT	VALVE, CHECK 25 PSI *BX, System relief valve circuit*	
15	52368GT	VALVE,CHECK,GS68 (SIZE8 8) *"BY, Prevents oil from draining out of jib/rotate manifold back to tank"*	
--	44227GT	SEAL KIT, VALVE	
16	44216GT	VALVE,SHUTTLE *BF, Platform level*	
--	44235GT	SEAL KIT-FOR PN 44216 & 826779	
17	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI *BE, Platform level*	
18	107740GT	VALVE, CHECK 25 PSI *"BB, Prevents oil from draining out of manifold"*	
19	101114GT	VALVE RELIEF,2500PSI(88513)** *BD, Platform level Relief*	
20	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** *BG, Platform level up/down*	
--	119827GT	COIL, 20V, ZENER DIODE DEUTSCH	
--	44229GT	SEAL KIT, VALVE	

MidWestTech | Terex Genie Z-40/23N, Z-40/23N RJ Articulated Boom Lift Parts Manual | P... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
1	48907GT	ELBOW,45D,520320-4	2
2	49119-9878GT	HOSE ASSY,1/4,STR FEM,STR FEM	2
3	48905GT	CONN,520120-4***	2

MidWestTech | Terex Genie Z-40/23N, Z-40/23N RJ Articulated Boom Lift Parts Manual | P...
Order the manual at mid-west-tech.com >