A TEREX BRAND

Parts Manual

Serial Number Range

Z-34 IC

from SN 781 to 9606

Part No. 65531

Rev M11

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.

100 Decals

101.1 Decals (to SN 3577)....10
102.1 Decals with Words (from SN 3578)....12
103.1 Decals with Symbols (from SN 3578)....16

200 Drive Chassis Components

201.1 Steer Axle Linkage, Wheels and Hubs (2WD)....18
202.1 Steer Axle Linkage, Wheels and Hubs (4WD to SN 3241)....22
202.2 Steer Axle Linkage, Wheels and Hubs (4WD from serial number 3242 to 3733)....26
202.3 Steer Axle Linkage, Wheels and Hubs (4WD from serial number 3734)....28
203.1 Non-Steer Axle (2WD to SN 4226)....32
203.2 Non-Steer Axle (2WD from SN 4227)....36
204.1 Non-Steer Axle (4WD to SN 3733)....40
204.2 Non-Steer Axle (4WD from SN 3734)....44

300 Turntable Components

301.1 Turntable Rotator....46
302.1 Hydraulic and Fuel Tanks (to SN 1947)....50
303.1 Hydraulic and Fuel Tanks (from SN 1948)....52
304.1 Ground Controls, View 1 (to SN 4799)....54
304.2 Ground Controls, View 1 (from SN 4800)....56
305.1 Ground Controls, View 2 (to SN 4799)....58
305.2 Ground Controls, View 2 (from SN 4800)....60
306.1 Ground Controls and Function Manifold Installation (to SN 1947)....62
306.2 Ground Controls and Function Manifold Installation (from SN 1948)....64
307.1 Turntable Covers (to SN 7409)....66
307.2 Turntable Covers (from SN 7410)....68
308.1 Wire Harness Diagram (from SN 4800)....70

400 Engine Components

401.1 Kubota WG-750 Engine, View 1 (to SN 1186)....72
402.1 Kubota WG-750 Engine, View 2 (to SN 1186)....74
403.1 Kubota WG-750 Engine, View 3 (to SN 1186)....76
404.1 Kubota WG-750 Engine, View 4 (to SN 1186)....78
405.1 Kubota WG-750 Engine, View 5 (to SN 1186)....80
406.1 Kubota DF-750 and DF-752 Engine, View 1 (from SN 1187 to 7394)....82
407.1 Kubota DF-750 and DF-752 Engine, View 2 (from SN 1187 to 7394)....84
408.1 Kubota DF-750 and DF-752 Engine, View 3 (from SN 1187 to 7394)....88
409.1 Kubota DF-750, View 4 (from SN 1187 to 3281)....90
410.1 Kubota DF-750, View 5 (from SN 1187 to 3281)....92
411.1 Kubota DF-752, View 4 (from SN 3282 to 7394)....94
412.1 Kubota DF-752, View 5 (from SN 3282 to 7394)....96
413.1 Kubota DF-972 Engine, View 1 (from SN 7395 to SN 8695)....98
414.1 Kubota DF-972 Engine, View 2 (from SN 7395 to SN 8695)....100
415.1 Kubota DF-972 Engine, View 3 (from SN 7395 to SN 8695)....102
416.1 Kubota DF-972 Engine, View 4 (from SN 7395 to SN 8695)....104
417.1 Kubota DF-972 Engine, View 5 (from SN 7395 to SN 8695)....106
418.1 Kubota WG-972 Engine, View 1 (from SN 8696)....108
419.1 Kubota WG-972 Engine, View 2 (from SN 8696)....110
420.1 Kubota WG-972 Engine, View 3 (from SN 8696)....112
421.1 Kubota WG-972 Engine, View 4 (from SN 8696)....114
422.1 Kubota D-905 Engine, View 1 (to SN 3838)....116
423.1 Kubota D-905 Engine, View 1 (from SN 3839 to 7409)....118
424.1 Kubota D-905 Engine, View 2 (all serial numbers)....120
425.1 Kubota D-905 Engine, View 3 (to SN 7409)....122
426.1 Kubota D-905 Engine, View 4 (to SN 2211)....124
427.1 Kubota D-905 Engine, View 4 (from SN 2212 to 7409)....126
428.1 Kubota D-905 Engine, View 5 (to SN 7409)....128
429.1 Kubota D-1105 Engine, View 1 (from SN 7410)....130
430.1 Kubota D-1105 Engine, View 2 (from SN 7410)....132
431.1 Kubota D-1105 Engine, View 3 (from SN 7410)....134
432.1 Kubota D-1105 Engine, View 4 (from SN 7410)....136
433.1 Kubota D-1105 Engine, View 5 (from SN 7410)....138
434.1 Perkins 403C-11 Engine, View 1 (to SN 7395)....140
435.1 Perkins 403D-11 Engine, View 1 (from SN 7396)....142

MidWestTech | Terex Genie Z-34 IC Articulated Boom Lift Parts Manual | Publication 65531 Order the manual at mid-west-tech.com >

436.1 Perkins 403C-11 and 403D-11 Engine, View 2 (all serial numbers).....144

500 Boom Components

501.1 Secondary Boom - View 1.....146
502.1 Secondary Boom - View 2.....148
503.1 Upper Pivot.....150
504.1 Primary and Extension Booms.....152
505.1 Cable Track.....154
506.1 Jib Boom and Platform Rotator.....156

600 Platform Components

601.1 Platform Installation (from SN 781 to 1981).....160
602.1 Platform Installation (from SN 1892 to 3577).....162
602.2 Platform Installation (from SN 3578).....164
603.1 Platform Controls, View 1 (to SN 4799).....168
603.2 Platform Controls, View 1 (from SN 4800).....170
604.1 Platform Controls, View 2 (to SN 1996).....172
604.2 Platform Controls, View 2 (from SN 1997 to 4799).....174
604.3 Platform Controls, View 2 (from SN 4800).....176
605.1 Joystick Controller, Drive/Steer Functions (to SN 1546).....178
606.1 Joystick Controller, Drive/Steer Functions (from SN 1547).....180
607.1 Rotational Controller, Boom Function Speed.....182

700 Manifolds and Pumps

701.1 Traction and Brake/2-speed Manifolds, 2WD.....184
702.1 Traction and Brake/2-speed Manifolds, 4WD (from SN 781 to 3241).....186
703.1 Traction Manifold, 4WD (from SN 3242).....188
704.1 Function Manifold (to SN 6483).....190
704.2 Function Manifold (from SN 6484).....192
705.1 Jib Boom and Platform Rotate Manifolds.....194

800 Hydraulic Hoses and Fittings

801.1 Drive Chassis Components, 2WD (to SN 1546).....196
801.2 Drive Chassis Components, 2WD (from SN 1547 to 4226).....198
801.3 Drive Chassis Components, 2WD (from SN 4227 to 7669).....200
801.4 Drive Chassis and Turntable, 2WD, View 1 (from SN 7670).....202
801.5 Drive Chassis and Turntable, 2WD, View 2 (from SN 7670).....204
802.1 Drive Chassis Components, 4WD (from SN 781 to 1546).....206
802.2 Drive Chassis Components, 4WD (from SN 1547 to 3241).....208
802.3 Drive Chassis Components, 4WD (from SN 3242 to 7100).....210
802.4 Drive Chassis Components, 4WD (from SN 7101 to 7669).....212
802.5 Drive Chassis and Turntable, 4WD, View 1 (from SN 7670).....214
802.6 Drive Chassis and Turntable, 4WD, View 2 (from SN 7670).....216
803.1 Turntable Components (from SN 781 to 1546).....218
803.2 Turntable Components (from SN 1547 to 7669).....220
804.1 Fuel Hoses (from SN 7670).....222
805.1 Boom Components.....224

900 Accessories

901.1 Alarm and Beacon Package, Hostile Enviornment.....226
902.1 Air Line to Platform.....228
903.1 Pipe Cradle Kit.....230
904.1 Platform Options (to SN 1891).....232
904.2 Platform Options (from SN 1892).....234
905.1 2000 Watt Generator.....236
906.1 2000W Generator, Hoses and Fittings (from SN 782 to 1547).....238
906.2 2000W Generator, Hoses and Fittings (from SN 1548).....240
907.1 Cold start.....242
908.1 Platform Overload.....244
909.1 Hostile Environment Package (to SN 7773).....246
910.1 Aircraft Protection (to SN 7677).....248
910.2 Aircraft Protection (from SN 7678).....250
911.1 Drive Light Option.....252
912.1 Hostile Environment, Primary Boom Wipers (from SN 7774).....254
913.1 Hostile Environment, Cylinder Bellows (from SN 7774).....256
914.1 Auxiliary Rail Assembly.....258
915.1 Operators Protection Alarm.....260

Indices

Part Number Index.....262
Part Description Index.....270

Cross References

Fittings Cross Reference.....284

MidWestTech | Terex Genie Z-34 IC Articulated Boom Lift Parts Manual | Publication 65531 Order the manual at mid-west-tech.com >

203.1 Non-Steer Axle (2WD to SN 4226) (continued)

Item	Part No.	Description	Qty.
–	37097GT	O-RING, TORQUE HUB *from SN 1547 to SN 2271*	
–	58448GT	KIT,TORQUE HUB COVER (45553)** *from SN 1547 to SN 2271*	
24C		WHEEL DRIVE,EW1,48:1"B"MOUNT *from SN 2272 to SN 4014 (order 106148; see item 24D below)*	2
–	106122GT	CAP,DISENGAGE,4HP/4HB*** *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	21146GT	COVER CAP,TORQUE HUB*** *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	37097GT	O-RING, TORQUE HUB *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	58237GT	PLUG,TORQUE HUB,DRAIN*** *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	58246GT	SPACER,THRUST*** *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	58428GT	DISCONNECT ROD (74097) *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	72307GT	SEAL KIT, TORQUE HUB(74097)* *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	74375GT	WASHER,THRUST,TORQUE HUB,74097 *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	74714GT	BEARING KIT-74097 TORQUE HUB** *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	83092GT	SNAP RING (74097) *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
–	83110GT	COVER END,TORQUE HUB (74097) *from SN 2272 to SN 4014 (for 74097 Torque Hub)*	
24D	106148GT	WHEEL DRIVE,4HB,48:1*** *from SN 4015 to SN 4226*	2
–	106121GT	ROD,DISCONNECT 4HP/4HB*** *for 106148*	
–	106122GT	CAP,DISENGAGE,4HP/4HB*** *for 106148*	
–	106123GT	O-RING,END COVER,4HP/4HB*** *for 106148*	
–	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) *for 106148 (inventory limited to stock on hand as component is no longer available)*	

Item	Part No.	Description	Qty.
–	1286601GT	BEARING KIT,WHEEL DRIVE (106148/106445/107712) *for 106148*	
–	128839GT	PIPE PLUG,.563 MAG*** *for 106148*	
–	21149GT	LUG,WHEEL STUD,5/8-18,W1/4HB** *for 106148*	
–	232486GT	SNAP RING,WHEEL DRIVE *for 106148*	
–	74714GT	BEARING KIT-74097 TORQUE HUB** *for 106148 (inventory limited to stock on hand as component is no longer available)*	
–	9990074GT	COUPLING *for 106148 (brake coupler)*	
–	1286600GT	SEAL KIT,WHEEL DRIVE (106148/106445/107712) *for 106148*	
26	54627GT	NUT,LUG,5/8-18 X 90 DEGREE,Z45	18
27A	45094GT	WHEEL ASSY, INDUSTRIAL, AF *Industrial, Air-filled (9 hole x 9.5 inch bolt center)*	2
–	54139GT	WHEEL,14.5 X 7	
–	54140GT	TUBELESS PNEUMATIC TIRE,9-14LT	
27B	40136GT	WHEEL ASSY, INDUSTRIAL, AF NM *Industrial, Air-filled, Non-marking (9 hole x 9.5 inch bolt center)*	
–	54139GT	WHEEL,14.5 X 7	
–	54234GT	TUBELESS TIRE,9-14.5,NON-M 47#	
27C	139467GT	ASSY,TIRE&WHEEL,LR,2/4WD *RT, Air-filled (9 hole x 9.5 inch bolt center)*	
–	139411GT	TIRE,SGL,51S3D1-16.5,8 PLY	
–	42145GT	WHEEL,16.5 X 8.25,9 HOLE/9.5BC	
27D	139468GT	ASSY,TIRE&WHEEL,RR,2/4WD *RT, Air-filled (9 hole x 9.5 inch bolt center)*	
–	139411GT	TIRE,SGL,51S3D1-16.5,8 PLY	
–	42145GT	WHEEL,16.5 X 8.25,9 HOLE/9.5BC	
27E	45461GT	WHEEL ASSY, INDUSTRIAL, FF *RT, Foam-filled (9 hole x 9.5 inch bolt center) (components not sold separately)*	
27F	1267845GT	WHEEL ASSY, INDUSTRIAL, FF NM *RT, Foam-filled (9 hole x 9.5 inch bolt center) (components not sold separately)*	
27G	139469GT	ASSY,TIRE&WHEEL,DRIVE,FF RH RT *RT, Foam-filled (9 hole x 9.5 inch bolt center)*	
27H	139470GT	ASSY,TIRE&WHEEL,DRIVE,FF LH RT *RT, Foam-filled (9 hole x 9.5 inch bolt center)*	
27J	139476GT	ASSY,TIRE&WHL,SEALANT,LR *components not sold separately*	
27K	139478GT	ASSY,TIRE&WHL,SEALANT,RR *components not sold separately*	

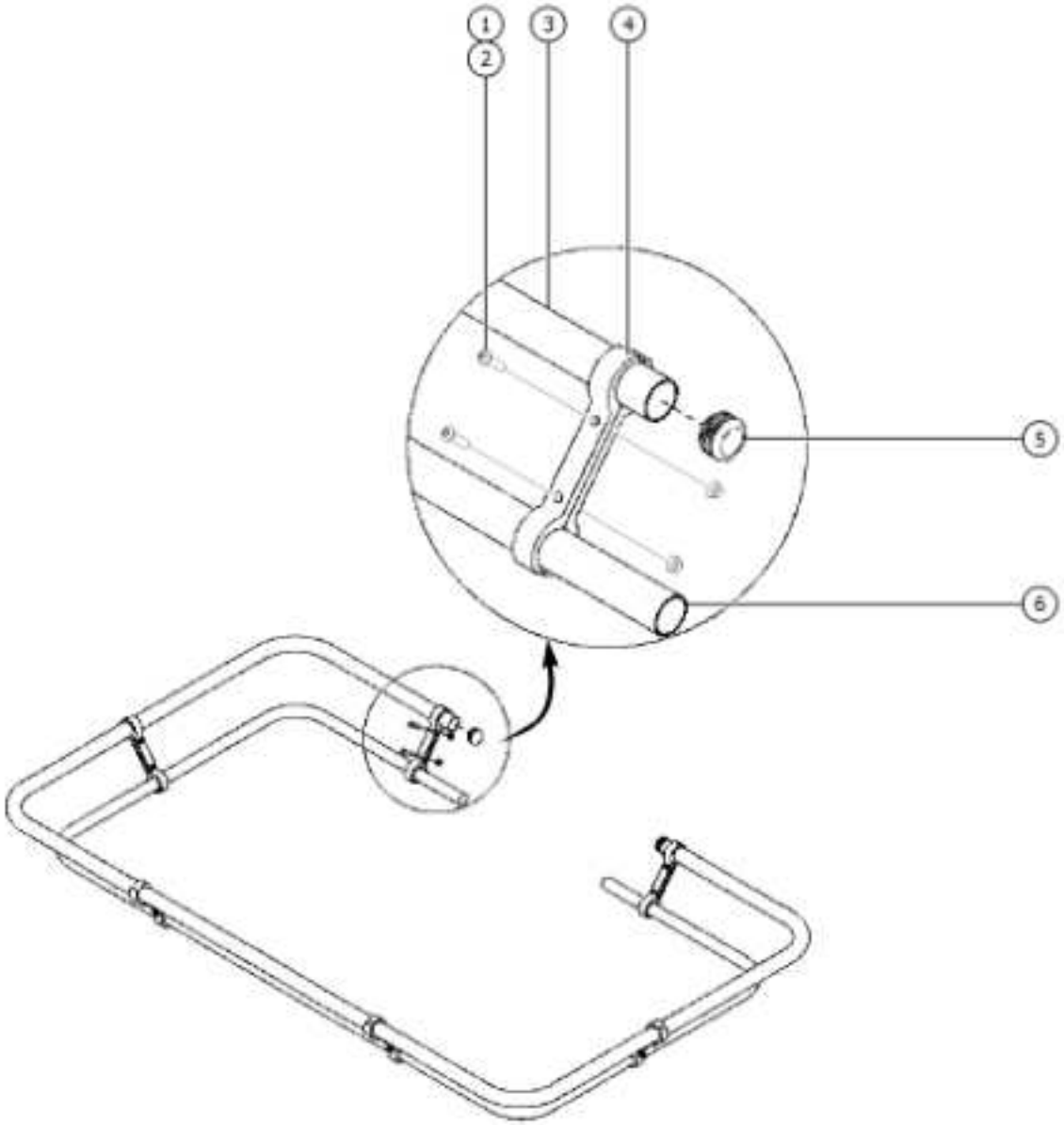
MidWestTech | Terex Genie Z-34 IC Articulated Boom Lift Parts Manual | Publication 65531 Order the manual at mid-west-tech.com >

506.1 Jib Boom and Platform Rotator (continued)

Item	Part No.	Description	Qty.
33	94217GT	CYLINDER,SLAVE,DONGYANG	1
–		Rel. Counterbalance Valve, 3000 psi / 206.8 bar (consult factory)	
–	147146GT	SEAL KIT,147141 *cylinder 94217 (Dongyang) or 147141 (Shin Hung) may be installed, check stamp on cylinder before ordering*	
–	25683GT	BEARING,POLYGON.20DU12	
–	35088GT	BEARING,FL,1.25IDX1.41ODX.89L *rod end, 94217 and 147141*	
–	47377GT	BEARING,1.25 ID X 1.5 OD X .75 *barrel end, 94217 and 147141*	
–	52620GT	SEAL KIT-EXT CYL & SLAVE CYL.* *for cylinder 74968, 74589, 74454 and 42404; check stamp on cylider prior to ordering*	
–	74614GT	BUSHING, FLANGED	
–	94260GT	SEAL KIT, 94217 *for cylinder 94217; check stamp on cylinder prior to ordering*	
34	42939-5400GT	WIRE LOOM,1.88 DIA	54-inches
35	10665GT	PIN,ROLL,.25 X 1.5***	1
36A	36190GT	PIN,SLAVE CYL,1.25 X 6.06*** *to SN 3345*	1
36B	94153GT	PIN,1.25DIAX5.70LG,2RING *from SN 3346 to SN 7773*	
36C	50546GT	PIN,1.25DIAX6.36LG,2RING *from SN 7774*	
37	30217GT	SNAP RING,EXTERNAL,1.25 DIA.** *from SN 7635*	

MidWestTech | Terex Genie Z-34 IC Articulated Boom Lift Parts Manual | Publication 65531 Order the manual at mid-west-tech.com >

914.1 Auxiliary Rail Assembly



MidWestTech | Terex Genie Z-34 IC Articulated Boom Lift Parts Manual | Publication 65531 Order the manual at mid-west-tech.com >