A TEREX BRAND

Parts Manual

Serial Number Range

S-3800

S-3200

from SN 101

Part No. 226056

Rev A27

October 2017

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, S-3800....10
102.1 Decals, S-3200....12

200 Chassis Components
201.1 Extendable Steer Axle Installation - View 1....14
202.1 Extendable Steer Axle Installation - View 2....16
203.1 Axle Wheel and Drive Hub (2WD)....18
204.1 Axle Wheel and Drive Hub (4WD)....20
205.1 Chassis Components....22

300 Turntable Components
301.1 Turntable Covers - Tank Side....24
302.1 Turntable Covers - Engine Side....26
303.1 Turntable Components - View 1....28
304.1 Turntable Components - View 2....30
305.1 Turntable Rotator and Hydraulic Rotary Coupler....32
306.1 Turntable Rotation Drive Hub....34
307.1 Batteries and Hydraulic Filters Installation....36
308.1 Fuel Tank Installation....38
309.1 Ground Controls....40
310.1 Wire Harness Diagram, S-3800....42
311.1 Wire Harness Diagram, S-3200....44

400 Engine Components
401.1 Deutz TD2011-L04i Engine - View 1....46
402.1 Deutz TD2011-L04i Engine - View 2....48
403.1 Deutz TD2011-L04i Engine - View 3....50
404.1 Cummins B3.3T Engine - View 1....52
405.1 Cummins B3.3T Engine - View 2....54
406.1 Engine Attached Components - View 1....56
407.1 Engine Attached Components - View 2....58

500 Boom Components
501.1 Boom Components, S-3800....60
502.1 Boom Components, S-3200....62
503.1 Boom Tube Zero, S-3800 - View 1....64
504.1 Boom Tube Zero, S-3800 - View 2....66
505.1 Boom Tube One, S-3800....68
506.1 Boom Tube One, S-3200 - View 1....70
507.1 Boom Tube One, S-3200 - View 2....72
508.1 Boom Tube One - Limit Switches....74
509.1 Boom Tube Two....76
510.1 Boom Tube Three....78
511.1 Boom Wipers Installation....80
512.1 Primary Extension Cylinder and Cables Installation....82
513.1 Platform Rotator....84

600 Platform Components
601.1 Platform Installation - View 1....86
602.1 Platform Installation - View 2....88
603.1 Platform Control Box....90
604.1 Joysticks....92

700 Hydraulic Components
701.1 Traction Manifold, 2WD....94
702.1 Traction Manifold, 4WD....96
703.1 Steer and Axle Extend/Retract Manifold, 2WS....98
704.1 Steer and Axle Extend/Retract Manifold, 4WS - View 1....100
705.1 Steer and Axle Extend/Retract Manifold, 4WS - View 2....102
706.1 Function Manifold, S-3800....104
707.1 Function Manifold, S-3200....108
708.1 Platform Manifold....112
709.1 Platform Rotate Manifold....114
710.1 Pumps....116
711.1 Drive and Steer System, 2WD....118
712.1 Hydraulic Hoses and Fittings - Drive System, 4WD....120
713.1 Hydraulic Hoses and Fittings - Steer System, 4WD....122
714.1 Engine and Hydraulic Tank....124
715.1 Platform Leveling and Rotation....128
716.1 Boom Components, S-3800....130
717.1 Boom Components, S-3200....132

Indices
Part Number Index....134
Part Description Index....139

Cross References
Fittings Cross Reference....146

MidWestTech | Terex Genie S-3800, S-3200 Telescopic Boom Lift Parts Manual | Publicati... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
1		Ref. BOOM TUBE ASSY #0 /W SYM DECAL *(refer to 503.1, 504.1, and 511.1)*	
2		Ref. WELDMENT, EXTENSION BOOM #1 *(refer to 504.1, 505.1, 508.1, 511.1, and 512.1)*	
3		Ref. WELDMENT, BOOM SECTION #2 *(refer to 509.1, 511.1, and 512.1)*	
4		Ref. BOOM TUBE ASSY #3 /W SYM DECAL *(refer to 509.1, 510.1, and 512.1)*	
5		Ref. ROTATOR,PLAT,NON-JIB*** *(refer to 513.1, and 602.1)*	

MidWestTech | Terex Genie S-3800, S-3200 Telescopic Boom Lift Parts Manual | Publicati... Order the manual at mid-west-tech.com >

704.1 Steer and Axle Extend/Retract Manifold, 4WS - View 1

Item	Part No.	Description	Qty.
--	102701GT	MANIFOLD,4 WHEEL STEER	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** *EA, Steering cylinder control, square end, right side*	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
--	44236GT	SPACER-DUAL COIL,#8***	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** *EB, Steering cylinder control, square end, left side*	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
--	44236GT	SPACER-DUAL COIL,#8***	
3	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** *EC, Steering cylinder control, round end, right side*	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
--	44236GT	SPACER-DUAL COIL,#8***	
4	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** *ED, Steering cylinder control, round end left side*	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
--	44236GT	SPACER-DUAL COIL,#8***	
5	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* *ET, Steering cylinder speed, round end, right side, retract*	
--	44227GT	SEAL KIT, VALVE	
6	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* *EU, Steering cylinder speed, round end, left side, extend*	
--	44227GT	SEAL KIT, VALVE	
7	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* *EV, Steering cylinder speed, square end, right side, extend*	
--	44227GT	SEAL KIT, VALVE	
8	62324GT	VALVE,FLOW CONTROL, 0.1GPM* *EO, Bleeds off differential valve to tank*	
--	44227GT	SEAL KIT, VALVE	
9	62323GT	VALVE,DIFFERENTIAL SENSE110PSI *EP, Meters flow to functions sensing*	
--	62337GT	SEAL KIT, VALVE	
10	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* *EW, Steering cylinder speed, square end, left side, retract*	
--	44227GT	SEAL KIT, VALVE	
11	62330GT	VALVE,SOLENOID,3POS 4WAY*** *ES, Axle extend control*	
--	104760GT	COIL,12VDC #10DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44175GT	SPACER-DUAL COIL,#10, SCISSORS	
--	44230GT	SEAL KIT-P.N.44169,44172,44171	

MidWestTech | Terex Genie S-3800, S-3200 Telescopic Boom Lift Parts Manual | Publicati... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
--	122440GT	MANIFOLD,FUNCTION,S100/105 *(complete)*	
--	146193GT	HARNESS, TCON J4 MANIFOLD 2009	
1	102394GT	VLV,SOL,DO3,REXROTH,3POS 4 WAY	
--	102395GT	SEAL KIT,REXROTH DO3 VALVE	
2	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	
3	97388GT	VALVE ASSY,D03,REX,3POS 4WAY	
--	102398GT	COIL,DIN,REXROTH DO3 VALVE	
4	102395GT	SEAL KIT,REXROTH DO3 VALVE	
5	102396GT	NUT-COIL,REXROTH DO3 VALVE	
6	62330GT	VALVE,SOLENOID,3POS 4WAY*** *FC, Turntable rotate control, left/right*	
--	44174GT	NUT-COIL SHORT	
--	44175GT	SPACER-DUAL COIL,#10, SCISSORS	
--	44230GT	SEAL KIT-P.N.44169,44172,44171	
--	62334GT	COIL,62328/62330,SIZE 10,DIN*	
7	62326GT	VALVE,PROPORTIONAL SOLENOID* *FG, Turntable rotate, proportional speed control*	
--	44227GT	SEAL KIT, VALVE	
--	62332GT	COIL,PROPORTNL.62326,SIZE8,DIN	
--	62349GT	NUT,COIL,PROPORTNL.VALVE	
8	75458GT	VALVE,SOLENOID,2POS3WAY,SUPRB *AA, Auxiliary drive/steer selector*	
--	44174GT	NUT-COIL SHORT	
--	62334GT	COIL,62328/62330,SIZE 10,DIN*	
--	62337GT	SEAL KIT, VALVE	
9	52374GT	VALVE,RELIEF,3000PSI,GS68PUMP1 *AC, Platform manifold pressure limit*	
--	44224GT	SEAL KIT, VALVE	
10	75457GT	VALVE-FLOW REGULATOR 3.0 GPM *AD, Priority flow to platform*	
--	44225GT	SEAL KIT, VALVE	
11	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *AE, Blocks flow from pump 2 to auxiliary*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
12	62327GT	VALVE,SOLENOID,PROPORT. N.C.* *FF, Primary lift, proportional valve speed control*	
--	52373GT	SEAL KIT,52372,SOLENOID VALVE	
--	52466GT	NUT,PROPORTNL. COIL,52372,GS68	
--	62335GT	COIL,PROPORTIONAL,62327,DIN	
13	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI *AB, Blocks flow from pump 1 and 2 to auxiliary pump*	
--	44227GT	SEAL KIT, VALVE	
14	75456GT	VALVE-CHECK SIZE 12(SUPRBOOM)* *AG, Blocks flow from auxiliary pump, port 2A to pump 1*	
--	62338GT	SEAL KIT,62328,SIZE 12,2 PORT	
15	44178GT	VALVE,CHECK,5 PSI** *AF, Blocks flow from auxiliary pump, ports 2A and 3A to pump 2*	
--	44224GT	SEAL KIT, VALVE	
16	62325GT	VALVE,RELIEF,2600 PSI,SIZE 10 *FI, Turntable, primary lift and boom retract pressure limit*	
--	44224GT	SEAL KIT, VALVE	
17	65907GT	PLUG,CAVITY,T-11A,1-2 OPEN	
18	62336GT	ORIFICE PLUG, 0.040 *FK, Differential sensing damping*	
19	48880GT	CAP,DIAGNOSTIC NIPPLE	
20	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
--	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV	
--	75098GT	HARNESS,PRESSURE TRANSDUCER	
21	62327GT	VALVE,SOLENOID,PROPORT. N.C.* *FF, Boom extend/retract solenoid valve proportional speed control*	
--	52373GT	SEAL KIT,52372,SOLENOID VALVE	
--	52466GT	NUT,PROPORTNL. COIL,52372,GS68	
--	62335GT	COIL,PROPORTIONAL,62327,DIN	
22	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *FM, Extension cylinder load sense check*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
23	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *FJ, Primary lift load sense check*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
24	62323GT	VALVE,DIFFERENTIAL SENSE110PSI *FP, Directs flow to functions*	
--	62337GT	SEAL KIT, VALVE	
25	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *FL, Extension cylinder load sense check*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
26	62324GT	VALVE,FLOW CONTROL, 0.1GPM* *FE, Bleeds off differential sensing valve to tank*	
--	44227GT	SEAL KIT, VALVE	
27	62329GT	VALVE,SOLENOID, 2POS 3WAY* *FQ, Boom retract control*	
--	62333GT	COIL,62329,SIZE12,W/FRAME,DIN*	
--	62339GT	SEAL KIT,62329,SIZE 12, 3 WAY	
--	62344GT	NUT,COIL,DOMED,SIZE 12, 62329	
28	62329GT	VALVE,SOLENOID, 2POS 3WAY* *FR, Boom extend control*	

MidWestTech | Terex Genie S-3800, S-3200 Telescopic Boom Lift Parts Manual | Publicati... Order the manual at mid-west-tech.com >