A TEREX BRAND

Parts Manual

Serial Number Range

GTH-1048

from serial number
GTH1007A-11443 to
GTH1009A-14000

GTH-1056

from serial number
GTH1007B-7101 to
GTH1007B-7251

Part No. 115200
Rev D2
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 with Words, Cab Side....10
102.1 Decals with Words, Engine Side....12
103.1 Decals with Words, Cab and Attachments....14
104.1 Decals with Symbols, Cab Side....16
105.1 Decals with Symbols, Engine Side....18
106.1 Decals with Symbols, Cab and Attachments....20

200 Drive Chassis Components

201.1 Stabilizer Assembly....22
202.1 Front Axle View....24
203.1 Front Axle, Central Housing....26
204.1 Front Axle, Differential....28
205.1 Front Axle, Hub Reduction....30
206.1 Front Axle, Brakes....32
207.1 Front Axle, Steering....34
208.1 Front Axle, Trunnion....36
209.1 Rear Axle View....38
210.1 Rear Axle, Central Housing....40
211.1 Rear Axle, Differential....42
212.1 Rear Axle, Hub Reduction....44
213.1 Rear Axle, Brakes....46
214.1 Rear Axle, Steering....48
215.1 Rear Axle, Trunion....50
216.1 Drive Shaft and Transmission....52
217.1 Fuel and Hydraulic Tank Assembly....54
218.1 General Assembly....56
219.1 Rear Chassis View....58
220.1 Function Manifold Assembly....60

300 Transmission Components

301.1 Converter Housing Assembly....62
302.1 Transmission Case and Cover Assembly....64
303.1 Turbine Shaft Assembly....66
304.1 Front Cover....68
305.1 Torque Converter Assembly....70
306.1 Gear Assembly....72
307.1 Auxilliary Pump Drive Assembly....74
308.1 Pump Drive Assembly....76
309.1 Forward Shaft Assembly....78
310.1 Reverse and Second Shaft Assembly....80
311.1 Reverse Idler Shaft Assembly....82
312.1 Low Speed Shaft Assembly....84
313.1 Third Shaft Assembly....86
314.1 Output Shaft Assembly....88
315.1 Charging Pump and Filter Assembly....90
316.1 Valve Assembly Mounting....92
317.1 Electronic Control Valve Assembly....94
318.1 Modulator Valve Assembly....96
319.1 Input Flange....98

400 Cab Components

401.1 Standard Cab Components, View 1....100
402.1 Standard Cab Components, View 2....102
403.1 Standard Cab Components, View 3....104
404.1 Standard Cab Components, View 4....106
405.1 Enclosed Cab Assembly Option, View 1....108
406.1 Enclosed Cab Assembly Option, View 2....110
407.1 Enclosed Cab Assembly Option, View 3....112
408.1 Enclosed Cab Assembly Option, View 4....114
409.1 Enclosed Cab Assembly Option, Heater Assembly....116
410.1 Joystick Controller Assembly....118
411.1 Joystick Controller Assembly, Spherical Knob....120

500 Engine Components

501.1 John Deere-4045, T3 Engine, View 1....122
502.1 John Deere-4045, T3 Engine, View 2....124
503.1 John Deere-4045, T3 Engine, Air Cleaner Assembly....126
504.1 Perkins 1104D-E44TA, Tier 3 Engine, View 1....128
505.1 Perkins 1104D-E44TA, Tier 3 Engine, View 2....130
506.1 Perkins 1104D-E44TA, Tier 3 Engine, View 3....132

600 Fork and Frame Components

601.1 Fork Frame, Standard....134
602.1 Fork Frame, Quick Attachment....136
603.1 Fork Frame, Swing Carriage Attachment....138
604.1 Fork Frame, Rotate Attachment....140

MidWestTech | Terex Genie GTH-1048, GTH-1056 Telescopic Forklift Parts Manual | Publi... Order the manual at mid-west-tech.com >

605.1 Rubbish Bucket, Quick Attachment.....142
606.1 Truss Boom, Quick Attachment.....144
607.1 Cat Adapter.....146
608.1 Slip On Truss Boom Attachment.....148

700 Boom Components
701.1 Small Boom Assembly, GTH-1048.....150
702.1 Mid Boom Assembly, GTH-1048.....152
703.1 Large Boom Assembly, GTH-1048.....154
704.1 Small Boom Assembly, GTH-1056.....156
705.1 Small Middle Boom Assembly, GTH-1056.....158
706.1 Large Middle Boom Assembly, GTH-1056.....160
707.1 Large Boom Assembly, GTH-1056.....162
708.1 Cable Track Assembly, GTH-1056 (to serial number GTH1009A-13657).....164
708.2 Cable Track Assembly, GTH-1056 (from serial number GTH1009A-13658).....166

800 Hydraulic Components
801.1 Steering System.....168
802.1 Stabilizer System.....170
803.1 Sway Cylinder and Single Joystick Components.....172
804.1 Dual Joystick Components.....174
805.1 Front and Rear Axle System.....176
806.1 Boom Components, GTH-1056 (to serial number GTH1009A-13657).....178
806.2 Boom Components, GTH-1056 (from serial number GTH1009A-13658).....180
806.3 Boom Components, GTH1048.....182
807.1 Boom Components, GTH-1056 Auxiliary.....184
807.2 Boom Components, GTH-1048 Auxiliary.....186
808.1 Primary Function Manifold with Single Joystick.....188
809.1 Primary Function Manifold with Dual Joystick.....190
810.1 Secondary Function Manifold.....192
811.1 Stabilizer Manifold.....194
812.1 Auxiliary Manifold.....196
813.1 Brake Manifold.....198
814.1 Hydraulic Pump.....200

900 Accessories
901.1 Road and Work Light Accessory.....202
902.1 Road Light Wire Harnesses.....204
903.1 Work Light Wire Harnesses.....206

Indices
Part Number Index.....208
Part Description Index.....214

Cross References
Fittings Cross Reference.....222

MidWestTech | Terex Genie GTH-1048, GTH-1056 Telescopic Forklift Parts Manual | Publi... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
1	7-126-254GT	FLANGE,6C	1
2	130440GT	O-RING	1
3	130363GT	WASHER,TRANSMISSION,GTH10XX	1
4	130362GT	NUT,TRANSMISSION,GTH10XX	1

MidWestTech | Terex Genie GTH-1048, GTH-1056 Telescopic Forklift Parts Manual | Publi... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
--	214436GT	MANIFOLD,SJ MAIN FUNCTION	
1	97183GT	VALVE-SOLENOID, 2POS 4WAY *(Function select -boom extend)*	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL *(and sway left)*	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
2	219891GT	VALVE, PROP. DIRECTIONAL *(Boom extend/retract)*	
--	115202GT	SEAL KIT	
3	115201GT	DIRECTIONAL VALVE *(Boom up/down)*	
--	115202GT	SEAL KIT	
4	97183GT	VALVE-SOLENOID, 2POS 4WAY *(Function select - boom down and fork tilt down)*	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
5	115203GT	DIRECTIONAL VALVE *(Fork tilt up/down)*	
--	115204GT	SEAL KIT	
6	97172GT	VALVE-RELIEF,3500PSI *(Fork tilt up relief)*	
7	84155GT	VALVE-CHECK,100PSI,SIZE 10 *(Fork tilt down circuit)*	
--	115205GT	PILOT PISTON	
--	44224GT	SEAL KIT, VALVE	
8	84155GT	VALVE-CHECK,100PSI,SIZE 10 *(Fork tilt up circuit)*	
--	115205GT	PILOT PISTON	
--	44224GT	SEAL KIT, VALVE	
9	97172GT	VALVE-RELIEF,3500PSI *(Fork tilt down relief)*	
--	44227GT	SEAL KIT, VALVE	
10	115206GT	RELIEF VALVE *(System relief)*	
--	44224GT	SEAL KIT, VALVE	
11	48997GT	NIPPLE,DIAGNOSTIC,#4 *(Test port 'LS')*	
--	48880GT	CAP,DIAGNOSTIC NIPPLE	
12	62324GT	VALVE,FLOW CONTROL, 0.1GPM* *(Load sense drain)*	
--	44228GT	SEAL KIT, VALVE	
13	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *(Sway right circuit)*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
14	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* *(Sway left/right circuit)*	

Item	Part No.	Description	Qty.
--	44228GT	SEAL KIT, VALVE	
15	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *(Sway left circuit)*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
16	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *(Boom extend circuit)*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
17	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *(Boom down circuit)*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
18	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *(Fork tilt up circuit)*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
19	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *(Steer left/right circuit)*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
20	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *(Fork tilt down circuit)*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
21	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *(Boom up circuit)*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
22	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* *(Boom retract circuit)*	
--	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
23	115207GT	DIRECTIONAL VALVE *(Sway left/right)*	
--	115208GT	SEAL KIT	
24	115209GT	FLOW REGULATOR VALVE *(Fork tilt up/down circuit)*	
25	97183GT	VALVE-SOLENOID, 2POS 4WAY *(Function select-boom up and fork tilt up)*	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
26	97183GT	VALVE-SOLENOID, 2POS 4WAY *(Function select -boom extend and sway right)*	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
27	115210GT	SOLENOID VALVE *(Function select -sway left/right)*	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44227GT	SEAL KIT, VALVE	

MidWestTech | Terex Genie GTH-1048, GTH-1056 Telescopic Forklift Parts Manual | Publi... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
1	824527GT	PUMP,SAUER 60CC LS PHASE 2	1
--	7-112-63GT	SEAL KIT / PUMP OVERHAUL	
2	123863GT	SCREW,HHC,1/2-13X1.25,GR8,Y	2
3	13066GT	WASHER,FLAT..5 HARDENED	2

MidWestTech | Terex Genie GTH-1048, GTH-1056 Telescopic Forklift Parts Manual | Publi... Order the manual at mid-west-tech.com >