



A TEREX BRAND

Parts Manual

Serial Number Range

GS-2646 AV

from GS-4612A-110000 to
GS4616P-141799

GS-2646 AV35

from GS46P-141800

Part No. 214728

Rev B20

November 2018

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101.1 Word Decals, Battery Side, ANSI

Item	Part No.	Description	Qty.
A	217684GT	DECAL KIT,2646AV,PLAT (models with 2 speed controller) to SN GS3214A-134999	
B	217865GT	DECAL KIT,2646AV,COMP (models with 2 speed controller) to SN GS3214A-134999	
C	823223GT	DECAL KIT,2646AV35,PLAT (models with 2 speed controller) to SN GS3214A-134999	
D	823222GT	DECAL KIT,2646AV35,COMP (models with 2 speed controller) to SN GS3214A-134999	
1	31060GT	DECAL,DANGER DO NOT ALTER SWTC.....	1
2	31788GT	DECAL,DANGER,BATTERY SAFETY***.....	1
3	38149GT	DECAL,LABEL,PATENTS.....	1
4	44255GT	DECAL,DANGER,CRUSHING HAZARD.....	2
5	44737GT	DECAL DANGER TIP OVER TRAYS.....	1
6	46287GT	DECAL,LABEL-TIRE SPECS.....	2
7	52475GT	DECAL,LABEL,TRANSPORT TIEDOWN*.....	4
8	72086GT	DECAL,LABEL,LIFTING EYE.....	3
9	82561GT	DECAL,DANGER-USE SAFETY ARM....	1
10	82657GT	DECAL,INSTRUCT,BATTERY CONNECT.....	1
11	114360GT	DECAL,DANGER-TIP-OVER,BATT.....	1
12	114361GT	DECAL,LABEL-TRANSPORT DIGRAM.....	2
13	114385GT	DECAL,DANGER,ELEC HAZARD,GS....	1
14A	214718GT	DECAL,FORKLIFT MIN CAP,5400LB.... GS-2646 AV	1
14B	162518GT	DECAL,FORKLIFT MIN CAP,6400LB.... GS-2646 AV35	1
15	214719GT	DECAL,FORK LIFT POINT.....	2
16A	215879GT	DECAL,WHEELLOAD,2646AV,28MPH.... GS-2646 AV	2
16B	214724GT	DECAL,WHEELLOAD,2646AV,35MPH.... GS-2646 AV35	2
17	216822GT	DECAL,ONBOARD AND REMOTE,CHRG.....	1
18	T107029GT	DECAL,DANGER,BRAKE REL SAFETY.....	1
19	1272242GT	DECAL,MACHINE REGISTRATION/OWNER TRANSFER....	1

203.1 Level Sensor Installation

Item	Part No.	Description	Qty.
1		REF. Electrical Plugs and Cords <i>(refer to 406.1)</i>	
2	128118GT	BUSHING, STRAIN RELIEF, .875/.40.....1	
3	144226GT	FORMING, REC. PLG BRKT.....1	
4	228406GT	ASSY, LVL SNSR W/ CONNECTOR.....1	
5	6637GT	SCREW, HHC, 1/4-20 X 1.75	
6	39469GT	SPRING, COMPRESSION. 485 X 1.75**...3	
7	56912GT	SPRING CLIP, 1/4-20, .025-.15 X .54, ZAG.....3	
8	39540GT	ALARM, STEADY TONE***.....1 <i>Does not include 72326 nut</i>	
--	72326GT	NUT - PLASTIC, RING FOR ALARMS	
9	6878GT	BOLT, CARRIAGE, 1/4-20 X .75, G2	
10	6091GT	NUT, NYLOCK, 1/4-20	
11	16487GT	SCREW, RHM, 10-32 X 1.5	
12	6178GT	NUT, NYLOCK, 10-32	
13	T112507GT	ASSEMBLY, DOWN LIMIT, GS.....1 <i>(Includes plug)</i>	
--	19491GT	CONTACTOR, LIMIT SWITCH	
--	96948GT	SWITCH, LIMIT, W/ROLLER ARM***	
--	97128GT	ROLLER ARM, LIMIT SWITCH***	
14	96870GT	FORMING, ALARM BRACKET.....1	
15	47232GT	GROMMET, RUBBER 2 X 2.75.....2	
16	47238GT	GROMMET, RUBBER 1.5 ID.....1	
17	39232GT	CABLE, EMERGENCY DOWN.....1	

208.1 Power Unit and Tank Tray (to SN GS4616P-139987)

Item	Part No.	Description	Qty.
1	231114GT	HYDR TRAY ASSY W/WORDS.....1 <i>(decals not included, refer to section one)</i>	
2	824080GT	SCREW,HHF,1/4-20X1.25,8,ZAG	
3	824027GT	NUT,TL FLG,1/4-20,G,ZAG	
4	105308GT	FORMING, FILTER-CNTRLR MOUNT....1	
5		Ref. FORMING, CONTROL PANEL <i>(refer to 208.1)</i>	
6	T108326GT	PLATE,HARNESS MOUNT.....1	
7	824124GT	BOLT,CARRIAGE,1/4-20X.75,5,ZAG	
8		Ref. GCON, GR/GRC/GS <i>(refer to figure 208.1)</i>	
9	55675GT	LATCH, LRG PADDLE HANDLE GS90...1	
10	66204GT	FILTER CAP (PLUG 1-1/2" NPT HEX....1	
11	96355GT	TUBE, ASSY, RETURN.....1	
12	78546GT	BREATHER CAP,HYD. TANK,1/4 NPT.....1	
13	96354GT	TUBE, ASSY, DRAW.....1	
14	226163GT	HYD. TANK KIT, GS30,32,46.....1 <i>(includes items 15 and 16)</i>	
--	T109012GT	TANK,HYD, SLAB SCISSORS	
15	96855GT	CLAMP,HOSE,1 EAR,1-1/16***.....2	
16	96709GT	GROMMET,SLAB HYD TANK***.....2	
17	96699GT	SLEEVE,TANK SUPPORT	
18	824113GT	WASHER,FLAT,USS,1/4,ZAG	
19	1256463GT	BOLT,CARRIAGE,1/4-20X1.25,5,ZAG	
20	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	
21		REF. FILTER ASSY <i>(refer to figure 501.1)</i>	
22		REF. ELECTRIC MOTOR/PUMP <i>(refer to figure 505.1)</i>	
23A	1257205GT	KIT,GS46 MOTOR CONTROLLER.....1 <i>(from SN 60,000 to SN 135367)</i>	
23B	1257840GT	MOTOR CONTROLLER, DC,24V,360A <i>(from SN P-135368 to 138770)</i>	
23C	1257840GT	MOTOR CONTROLLER, DC,24V,360A <i>(from SN P-138771)</i>	
24	6091GT	NUT,NYLOCK,1/4-20.....3	

212.1 Power Cables

Item	Part No.	Description	Qty.
1	233370GT	CABLE ASSY,BATT,83"RED.....	1
2	28131GT	WIRE LOOM,1.25 DIA.....	18inches
3	96947GT	CABLE ASSY,BATT,90".AND.BLK.....	1
4	96304GT	CABLE ASSY,BATT,5.50"RED.....	3
5	96302GT	CABLE ASSY,BATT, 7.50" RED.....	1
6	96306GT	CABLE ASSY,BATT,9.50"RED.....	1
7	96303GT	CABLE ASSY,BATT, 7.50" BLACK.....	1
8	96110GT	BOOT,CABLE TERMINAL COVER.....	11
9		REF. FUSE BLOCK (refer to 205.1 or 206.1)	
10	232578GT	CABLE ASSY,BATT, 20" BLK.....	1
11	232576GT	CABLE ASSY,BATT, 12" RED.....	1
12	233371GT	CABLE ASSY,BATT,23"RED.....	1
13	66397GT	QUICK DISCONNECT CASING,BATT**	2
14	233430GT	HRNS,CONTACTOR SIGNAL,GS46.....	1
15A	214442GT	HARNESS,GS,LINKSTACK,AV,PED..... (powered extension deck)	1
15B	214697GT	HARNESS,GS,LINKSTACK,AV,MED..... (manual extension deck)	1
16		REF. LIFT CYLINDER DOWN CABLE (refer to 2010.1 or 211.1)	
17	232582GT	GROUND WIRE ASSY,GS.....	1
18		REF. PLATFORM CONTROL CABLE (refer to 210.1 or 211.1)	

302.1 Scissor Link Assembly

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	105189GT	BAR,CABLE BRIDGE ARM,UPPER.....1	1	28	96905GT	BOLT,CARRIAGE,1/4-20 X 2.5,G2	
2	105187GT	WELDMENT,CABLE BRIDGE, TOP,32XX.....2	2	29	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
3	137284GT	WLDMT,LINK,OUTER #4,26XX,RIGHT...1 (ground controls side)	1	30	96862GT	PIN, LINKSET MOUNT, 1".....1	1
4	96130GT	PIN, MINI, CENTER.....2	2	31		Ref. Chassis Mount Assembly (refer to 301.1)	
5	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**		32		Ref. Lift Cylinder (refer to 505.1)	
6	96390GT	WASHER,FLAT, 1.27 X 2.13 X .13		33	96836GT	LINK BUMPER, SHORT TUBE.....8	8
7	4828GT	NUT,NYLOCK,3/8-16		34	96812GT	PIN,LOWER CYL,ROD END.....1	1
8	14033GT	SCREW,HHC,3/8-16 X 2.75		35	105188GT	WLDMT,CABLE BRIDGE,BOTTOM,3246.....2	2
9		Ref. Platform Slider.....4 (refer to 301.1)	4	36	96900GT	PIN, SHORT, GS46.....6	6
10	226086GT	UPPER ARM ASSY,AV 2646.....1 (includes bearing)	1	37	105092GT	BOLT,CARRIAGE,3/8-16X1.25,GR5.....4	4
--	137283GT	WLDMT,LINK,INNER #4,26XX.....1	1	38		Ref. Platform Mount Assembly.....1 (refer to 301.1)	1
--	66055GT	BEARING,1.50IDX1.77ODX1.25L.....2	2	39	6097GT	WASHER,FLAT,USS,3/8",Y	
--	96487GT	BEARING,1.26IDX1.53ODX1.25L.....4	4	40	36369GT	BEARING,0.75IDX1.00ODX0.75L	
11	137285GT	WLDMT,LNK,OUTER #4,26XX,LEFT.....1 (battery pack side)	1	41	96932GT	PIN, LINKSET MOUNT, 3/4".....1	1
12	1256848GT	SCREW,HHC,3/8-16X2.75,8,ZAG.....12	12	42	8915GT	SCREW,HHC,1/4-20 X 1.25	
13	96899GT	PIN, LONG, GS46.....6	6	43	45748GT	ROD END,.250 X 2.75 LG.....2	2
14	1260941GT	WASHER,SHIM,1.54X2.00X.125,ZAG		44	6091GT	NUT,NYLOCK,1/4-20	
15	18383GT	SNAP RING,EXTERNAL,1.5 DIA***12	12	45	105186GT	WLDMNT,CABLE BRIDGE,LOWER.....1	1
16	97244GT	INNER ARM ASSY #3, 2632/2646.....1 (includes bearing)	1				
--	66055GT	BEARING,1.50IDX1.77ODX1.25L.....8	8				
--	96607GT	WLDMT,LNK,INNER #3, 26XX					
17	105193GT	CLIP,CABLEBRIDGE, GS32/46					
18	58000GT	SAFETY CHOCK,SCISSOR.....1	1				
19	97234GT	INNER ARM ASSY, #2, GS32&46.....1 (includes bearing)	1				
--	66055GT	BEARING,1.50IDX1.77ODX1.25L.....8	8				
--	96604GT	WLDMT,LNK,INNER #2					
20	96605GT	WLDMT,LNK,OUTER #2,#3,#4.....4	4				
21	237565GT	INNER ARM ASSEMBLY #1,GS32/46 (includes bearing) (decals not included, refer to section one)					
--	66055GT	BEARING,1.50IDX1.77ODX1.25L.....6	6				
--	96601GT	WLDMT,LNK,INNER #1					
22	96662GT	PIN, LOWER CYLINDER MOUNT.....1	1				
23	825019GT	ROD END,.375X3.69,ZAG.....3	3				
24	8516GT	SCREW, HCC, 3/8-16 X 1.50					
25	96603GT	WLDMT,LNK,OUTER #1,XX46.....1	1				
26	58592GT	PLATE,HOSE ROUTG,BULKHEAD(PTD).....2	2				
27	78736GT	CLAMP,2 HOSE,PLASTIC,5/8.....4	4				

405.1 Manual Extension Deck Lock

Item	Part No.	Description	Qty.
1	12981GT	SCREW,HHC,3/8-16 X 4.5.....	2
2	238188GT	PLATE,AV LATCH GUIDE.....	2
3	238189GT	GUIDE,AV LATCH OUTER.....	2
4	87651GT	LATCH GUIDE,INNER GS68.....	1
5	7713GT	NUT, LP NYLOCK, 3/8-16.....	2
6	238184GT	WLDMNT,AV DECK ACTUATOR.....	1
7	106365GT	PIN,CLEVIS,2.00 NITRIDED.....	1
8	47228GT	WASHER,NYLON,.406 X.750 X.032.....	2
9	106383GT	PIN,COTTER,.156 X .75.....	1
10	6326GT	SCREW,HHC,3/8-16 X 3	
11	47222GT	WASHER,SHOULDER,NYLON	
12	4828GT	NUT,NYLOCK,3/8-16	
13	6097GT	WASHER,FLAT,USS,3/8",Y	
14	6175GT	SCREW,HHC,3/8-16 X 1	
15	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
16	219467GT	WLDMNT,AV LATCH MOUNT	1
17	238181GT	WLDMNT,AV DECK HANDLE.....	1
18	51415GT	GRIP,HANDLE EXT PLATFORM LOCK.....	1
19	71545GT	CATCH CLIP, EXT. DECK ARM,GS90.....	1
20	8914GT	SCREW,HHC,1/4-20 X .625	
21	6889GT	NUT,LP NYLOCK,1/4-20	
22	87645GT	BOLT,CARRIAGE,1/4-20 X .63,G2	
23	237758GT	PLATE,EXT DECK LOCK TOOTH	
24	9116GT	BOLT,CARRIAGE,1/4-20x1.25,G2	
25	6091GT	NUT,NYLOCK,1/4-20	
26	238190GT	WLDMNT,AV LATCH LOCK.....	1
27	238193GT	FORMING,LOCK BRKT SPCR.....	1
28	87545-SGT	PLATE,EXT LATCH TEETH GS68.....	2

501.1 Hydraulic Component Layout

Item	Part No.	Description	Qty.
1		REF: Lift Cylinder Assembly (refer to 505.1)	
2		REF: Brake Release Hand Pump Manifold (refer to 503.1)	
3		REF: Hydraulic Brake (refer to 202.1)	
4		REF: Filter Assembly.....1 (refer to 208.1)	
5		REF: Check Valve (refer to 501.1)	
6		REF: Function Manifold (refer to 501.1)	
7		REF: Powered Extension Manifold (refer to 508.1)	
8		REF: Hydraulic Motor (refer to 201.1)	
9		REF: Steer Cylinder.....1 (refer to 201.1)	
10		REF: Accumulator.....1 (refer to 214.1)	
11		REF: Extension Deck Cylinder (refer to 404.1)	

506.1 Hydraulic Hoses and Fittings, Manual Extension Deck Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--		<i>The hose lengths below reflect the length of the hose only. Refer to the 'Fittings Cross Reference' to match Genie part numbers to Parker part numbers.</i>		25	96355GT	TUBE, ASSY, RETURN.....	1
1	39878GT	CONNECTOR,070120-6-6.....	6	26	105246GT	HOSE ASSY, MAN/ACCUM, GS32/46... (Components: 78855, 78855, and 78852 @ 17 inches)	1
2	39877GT	CONNECTOR,070120-4-4.....	6	27	39877GT	CONNECTOR,070120-4-4.....	2
--	39882GT	PLUG,HEX SOCKET,090109B-4.....	1	28	39878GT	CONNECTOR,070120-6-6.....	1
3	96397GT	CONNECTOR, 070120-8-8.....	2				
4	96398GT	CONNECTOR, 070120-12-8.....	1				
5		Ref. Diagnostic Nipple 502.1					
6	22664GT	ELBOW,070220-12-10.....	1				
7	39876GT	ELBOW,070220-6-8.....	1				
8	53500GT	O-RING-4.....	1				
9	13921GT	ELBOW,070220-4-4..... GS-2032, GS-2632, GS-2046, GS-2646	2				
10	39873GT	ELBOW,070220-6-6.....	4				
11	96744GT	HOSE, ASSY, PRESSURE..... (Components: 39890, 39890, and 56776 @ 50 inches)	1				
12	96348GT	HOSE, ASSY, MAN TO FILTER..... (Components: 96406, 96406, and 75631 @ 25 inches)	1				
13	105801GT	HOSE ASSY,DRIVE MOTORS,GS46.... (Components: 39890, 39890, and 56776 @ 60 inches)	2				
14	105580GT	HOSE ASSY,DRIVE MOTORS,GS46.... (Components: 39890, 39890, and 56776 @ 64 inches)	4				
15	105578GT	HOSE,ASSY STEER,GS32/46..... (Components: 78855, 78855, and 78852 @ 36 inches)	2				
16	105577GT	HOSE,ASSY,BRAKE,GS46..... (Components: 78855, 78855, and 78852 @ 65 inches)	1				
17	105803GT	HOSE,ASSY, BRAKE MAN,GS46..... (Components: 39890, 39890, and 78852 @ 22 inches)	2				
18	96749GT	HOSE, ASSY, BRAKE MAN, GS46..... (Components: 78855, 78855, and 78852 @ 20 inches)	2				
19	96750GT	HOSE, ASSY, LIFT..... (Components: 39890, 39890, and 56776 @ 42 inches)	1				
20	96881GT	HOSE,ASSY,VENT..... (Components: 96406, 96407, and 75631 @ 42 inches)	1				
21	96885GT	CONN,SWIVEL,STR,THR,465OX-S.....	1				
22	39881GT	CONNECTOR,070120-4-6.....	1				
23		Ref.Pressure Switch 702.1.....	1				
24	96354GT	TUBE, ASSY, DRAW.....	1				



603.1 Voltage Inverter

Item	Part No.	Description	Qty.
1	96950GT	INVERTER,24VDC,110/230 VAC***.....1	
2	105129GT	PLATE, INVERTER MOUNT.....1	
3	6090GT	SCREW,HHC,1/4-20 X .75	
4	6638GT	WASHER,FLAT,USS,1/4"Y	
5	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	

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