A TEREX BRAND

Parts Manual

Serial Number Range

SX-105 XC
from SX105D-174

SX-125 XC
from SN SX125D-101

Part No. 1277710GT
Rev: B3
February 2020

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

Description	Page
001 Parts Stocking List	**12**
001.1 Parts Stocking List	12
100 Decals	**14**
101.1 Decals with Words, Hydraulic Tank Side (ANSI & Australia)	14
102.1 Decals with Words, SX-105 XC, Hydraulic Tank Side (chassis) (ANSI & Australia)	18
103.1 Decals with Words, SX-125 XC, Hydraulic Tank Side (chassis) (ANSI & Australia)	20
104.1 Decals with Words, Engine Side (chassis) (ANSI & Australia)	22
105.1 Decals with Words, SX-105 XC, Engine Side (chassis) (ANSI & Australia)	24
106.1 Decals with Words, SX-125 XC, Engine Side (chassis) (ANSI & Australia)	26
107.1 Decals with Words, SX-105 XC, Platform (ANSI & Australia)(to SN SX125D-775)	28
107.2 Decals with Words, SX-105 XC, Platform (ANSI & Australia)(from SN SX125D-776)	30
108.1 Decals with Words, SX-125 XC, Platform (ANSI & Australia) (to SN SX125D-775)	32
108.2 Decals with Words, SX-125 XC, Platform (ANSI & Australia) (from SN SX125D-776)	34
109.1 Decals with Words, SX-105 XC, Boom (ANSI & Australia)	36
110.1 Decals with Words, SX-125 XC, Boom (ANSI & Australia)	38
111.1 Decals with symbols, Hydraulic Tank Side (ANSI & CE)	40
112.1 Decals with symbols, SX-105 XC, Hydraulic Tank Side (chassis) (ANSI & CE)	42
113.1 Decals with symbols, SX-125 XC, Hydraulic Tank Side (chassis) (ANSI & CE)	44
114.1 Decals with Symbols, Engine Side (ANSI & CE)	46
115.1 Decals with Symbols, SX-105 XC, Engine Side (chassis) (ANSI & CE)	48
116.1 Decals with Symbols, SX-125 XC, Engine Side (chassis) (ANSI & CE)	50
117.1 Decals with Symbols, SX-105 XC, Platform (ANSI & CE) (to SN SX125D-775)	52
117.2 Decals with Symbols, SX-105 XC, Platform (ANSI & CE) (from SN SX125D-776)	54
118.1 Decals with Symbols, SX-125 XC, Platform (ANSI & CE) (to SN SX125D-775)	56
118.2 Decals with Symbols, SX-125 XC, Platform (ANSI & CE) (from SN SX125D-776)	58
119.1 Decals with Symbols, SX-105 XC, Boom (ANSI & CE)	60
120.1 Decals with Symbols, SX-125 XC, Boom (ANSI & CE)	62
200 Chassis Components	**64**
201.1 Chassis Components, Top View	64
202.1 Chassis Components, Bottom View	66
203.1 Chassis Components, Tank Side	70
204.1 Chassis Components, Engine Side	74
205.1 Steer Yoke, Wheel Drive and Motor	78
300 Turntable Components	**82**
301.1 Turntable Center Components - View 1	82
302.1 Turntable Center Components - View 2	86
303.1 Turntable Covers - Engine Side	90
304.1 Engine Side Components, Fuel Tank	94

MidWestTech | Terex Genie SX-105 XC, SX-125 XC Telescopic Boom Lift Parts Manual | P... Order the manual at mid-west-tech.com >

Description	Page
305.1 Engine Side, Battery Bulkhead Assembly	98
306.1 Turntable Covers - Tank Side	102
307.1 Tank Side, Swing Drive, Hose Clamps and Guides	108
308.1 Tank Side, Welder GEN. Bulkhead Assembly	112
309.1 Welder Generator Enclosure (7.5 kW, 240V 50Hz)	116
309.2 Welder Generator Enclosure (12 kW, 208/120V 60Hz) (to xxx)	118
309.3 Welder Generator Enclosure (12 kW, 208/120V 60Hz) (from xxx)	120
309.4 Welder Generator Enclosure (3.0 kW)	122
309.5 Welder Generator Enclosure (7.5 KW,230VAC,1PH,50HZ,AU)	124
310.1 Hydraulic Tank Components	126
311.1 Ground Control Box (Deutz TD2011-L04i & Perkins 1104D-44T Engine)	132
312.1 Ground Control Box (Deutz TD 2.9L4 & Perkins 854F-E34T Engine)	136
313.1 Wire Harness Diagram - View 1	140
313.2 Wire Harness Diagram - View 2	144
400 Engine Components	**146**
401.1 Deutz TD2011-L04i Engine - View 1	146
402.1 Deutz TD2011-L04i Engine - View 2	150
403.1 Deutz TD2011-L04i Engine - View 3	152
404.1 Deutz TD 2.9L4 Engine - View 1	156
405.1 Deutz TD 2.9L4 Engine - View 2	160
406.1 Deutz TD2.9L4 Engine - View 3	164
407.1 Deutz TD 2.9L4 Engine - View 4	168
408.1 Perkins 1104D-44T Engine - View 1	170
409.1 Perkins 1104D-44T Engine - View 2	174
410.1 Perkins 1104D-44T Engine - View 3	178
411.1 Perkins 854F-E34T Engine - View 1	182
412.1 Perkins 854F-E34T Engine - View 2	186
413.1 Perkins 854F-E34T Engine - View 3	190
414.1 Perkins 854F-E34T Engine - View 4	194
415.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 1	196
416.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 2	200
417.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 3	204
418.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 4	208
419.1 TCD 2.2 Engine - View 1	210
420.1 TCD 2.2 Engine - View 2	212
421.1 TCD 2.2 Engine - View 3	216
422.1 TCD 2.2 Engine - View 4	220
423.1 TCD 2.2 Engine - View 5	224
500 Boom Components	**228**
501.1 Boom Lift Cylinder, SX-105 XC	228

MidWestTech | Terex Genie SX-105 XC, SX-125 XC Telescopic Boom Lift Parts Manual | P... Order the manual at mid-west-tech.com >

Description	Page
502.1 Boom Lift Cylinder, SX-125 XC	230
503.1 Secondary Extend Cylinder, SX-125 XC	232
504.1 Boom Tube One, Cable Track, SX-105 XC	236
505.1 Boom Tube Zero, Cable Track, SX-125 XC	240
506.1 Boom Tube One and Boom Tube Two, SX-105 XC	244
507.1 Boom Tube Zero and Boom Tube One, SX-125 XC	248
508.1 Primary Extend Cylinder	252
509.1 Boom Tube Two and Boom Tube Three	258
510.1 Boom Tube Two, Limit Switches	262
511.1 Jib Boom and Platform Rotator	266
512.1 Jib Detail	270
600 Platform Components	**272**
601.1 Platform Installation - View 1 (to SN SX125D-642)	272
601.2 Platform Installation - View 1 (from SN SX125D-643)	274
602.1 Platform Installation - View 2 (to SN SX125D-655)	276
602.2 Platform Installation - View 2 (from SN SX125D-656)	280
603.1 Platform Controls	284
604.1 Platform J Box Assembly	290
605.1 Joysticks	292
700 Hydraulic Components	**294**
701.1 Traction Manifold	294
702.1 Steer and Axle Manifold	298
703.1 Function Manifold, SX-105 XC	304
704.1 Function Manifold, SX-125 XC	308
705.1 Platform Rotator Manifold	314
706.1 Generator Manifold and Function Enable Valve	316
707.1 Platform Manifold	318
708.1 Hydraulic Components	320
709.1 Hydraulic Hoses and Fittings - Drive System	322
710.1 Hydraulic Hoses and Fittings - Turntable	330
711.1 Hydraulic Hoses and Fittings - Boom Components, SX-105 XC	336
712.1 Hydraulic Hoses and Fittings - Boom Components, SX-125 XC	340
713.1 Hydraulic Hoses and Fittings - Generator	344
800 Accessories	**348**
801.1 Half-Mesh and Pipe Cradle Options	348
802.1 Operator Protection Structure	350
803.1 Platform Control Box Cover	352
804.1 Drive and Work Light Package	354
805.1 Engine Air Precleaner	356

MidWestTech | Terex Genie SX-105 XC, SX-125 XC Telescopic Boom Lift Parts Manual | P... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
26	1253476GT	TUBE,FUEL RETURN,3/8X3/8 NPT X 20.5	1

MidWestTech | Terex Genie SX-105 XC, SX-125 XC Telescopic Boom Lift Parts Manual | P... Order the manual at mid-west-tech.com >

Item	Part No.	Description	Qty.
29	60335-SGT	FORMING,CYLINDER RETAINER	2

MidWestTech | Terex Genie SX-105 XC, SX-125 XC Telescopic Boom Lift Parts Manual | P... Order the manual at mid-west-tech.com >

602.2 Platform Installation - View 2 (from SN SX125D-656)

Item	Part No.	Description	Qty.
23	104804GT	HINGE, SPRING, LONG LEG	2
24		REF. PLATFORM CONTROL BOX ASSEMBLY (Refer to 603.1)	
25	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG	

MidWestTech | Terex Genie SX-105 XC, SX-125 XC Telescopic Boom Lift Parts Manual | P... Order the manual at mid-west-tech.com >