TEREX®

TL310

Wheel Loader

Radlader
Chargeuse
Wheel Loader



Illustrated Parts Catalog
Ersatzteilkatalog
Catalogue pièces
Catálogo de repuestos

Serial No.:	**TL0310 0100 - xxxx**
Issue date:	28-August-2013
Language:	en, de, fr, es
Revision No.:	2.00
Reference No.:	5780290034

WORKS FOR YOU.™

MidWestTech | Terex TL310 Wheel Loader Parts Manual | Publication 5780290034

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

Table of content - English

Chapter	Heading	Page
0.000	**Inspection Parts**	**22**
0.100	Inspection Parts	22
1.000	**Front Chassis**	**24**
1.001	Front Chassis	24
1.002	Articulation	26
1.010	Tools	30
2.000	**Rear Chassis With Equipment**	**32**
2.001	Rear Chassis, Fender	32
2.002	Access Stairs, Base Frame Bearing	36
2.003	Oscillating Axle Bearing, Central Lubrication TI03100100-0101	40
2.003.1	Oscillating Axle Bearing, Central Lubrication TI03100102>	42
2.005	Oil Tank Old Version	44
2.005.1	Oil Tank New Version	48
2.006	Fuel Tank	52
2.007	Engine Hood	56
2.010	Cover >TI03100101	60
2.010.1	Cover TI03100102>	64
2.014	Steering Unit	68
2.015	Stickers - Terex	70
2.020	Operator´S Cab	74
2.021	Operator´S Cab - Glazing	76
2.022	Operator´S Cab - Equipment Version 1	78
2.023	Operator´S Cab - Equipment Version 2	82
2.024	Operator´S Cab - Floor Frame	86
2.025	Operator´S Cab - Right Door	90
2.026	Operator´S Cab - Left Door	94
2.030	Operator's Seat Msg85	98
2.031	Operator´S Seat – Suspension Msg85	100
2.045	Air Conditioning System	104
2.046	Heating-Air Conditioner Unit	108
3.000	**Axles, Brakes**	**110**
3.001	Axle, Tires >TI03100114	110
3.001.1	Axle, Tires TI03100115-0119 -0118	114
3.001.2	Axle, Tires TI03100120> +0118	118
3.002	Front Axle - Differential Housing - 5370661965 >TI03100114	122
3.002.1	Front Axle - Differential Housing - 5370662200 TI03100115>	124
3.003	Front Axle - Differential With Self Locking Differential - 5370661965 >TI03100114	126
3.003.1	Front Axle - Differential With Self Locking Differential - 5370662200 TI03100115>	130
3.004	Front Axle - Wheel Hub, Axle Casing- 5370661965 >TI03100114	132
3.004.1	Front Axle - Wheel Hub, Axle Casing- 5370662200 TI03100115>	134
3.005	Front Axle - Disc Brake - 5370661965 >TI03100114	136
3.005.1	Front Axle - Disc Brake - 5370662200 TI03100115>	138
3.010	Rear Axle - Differential Housing - 5370661966 >TI03100114	140
3.010.1	Rear Axle - Differential Housing - 5370662201 TI03100115>	142
3.011	Rear Axle - Differential With Self Locking Differential - 5370661966 >TI03100114	144
3.011.1	Rear Axle - Differential With Self Locking Differential - 5370662201 TI03100115>	148
3.012	Rear Axle - Wheel Hub, Axle Casing- 5370661966 >TI03100114	152
3.012.1	Rear Axle - Wheel Hub, Axle Casing- 5370662201 TI03100115>	154
3.013	Rear Axle - Disc Brake - 5370661966 >TI03100114	156
3.013.1	Rear Axle - Disc Brake - 5370662201 TI03100115>	160
3.014	Rear Axle - Intermediate Gear - 5370661966 >TI03100114	162
3.014.1	Rear Axle - Intermediate Gear - 5370662201 TI03100115>	166
4.000	**Working Equipment**	**170**
4.001	Loading Equipment 1	170
4.002	Loading Equipment 2	174
4.010	Loading Equipment - Lubricating Points	178

MidWestTech | Terex TL310 Wheel Loader Parts Manual | Publication 5780290034

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

Table of content - English

Chapter	Heading	Page
5.000	**Equipment**	**180**
5.001	Hydraulic Quick Attach System	180
5.005	Bucket With Quick Attach	184
5.015	Bucket With Quick Attach	186
5.020	Fork Lift Attachment - With Quick Attach	188
6.000	**Engine With Equipment**	**190**
6.001	Engine Assembly	190
6.002	Pumps Mounting	194
6.003	Exhaust System	196
6.004	Air Filter	198
6.005	Pedal Accelerator	202
6.007	Combined Oil Cooler >TI03100101	204
6.007.1	Combined Oil Cooler TI03100102-0122	208
6.007.2	Combined Oil Cooler TI03100123>	212
6.008	Combined Oil Cooler Items TI03100123>	216
6.009	Fuel Supply	218
6.010	Engine Parts 1	220
6.011	Engine Parts 2	224
6.012	Engine Parts 3	228
7.000	**Hydraulic Installation**	**230**
7.001	Hydraulic Installation - Steering	230
7.002	Hydraulic Installation - Drive Ventilator Motor >TI03100122	236
7.002.1	Hydraulic Installation - Drive Ventilator Motor TI03100123>	242
7.003	Hydraulic Installation - Loading Equipment	248
7.004	Hydraulic Installation - Circulation >TI03100122	252
7.004.1	Hydraulic Installation - Circulation TI03100123>	258
7.005	Hydraulic Installation - Servo Control	266
7.010	Hydraulic Installation – Service Brake	270
7.011	Hydraulic Installation - Parking Breake	274
7.042	Hydraulic Installation - Load Check Valve Lifting Frame	278
7.043	Hydraulic Installation - Over Center Valve Dumping	282
7.045	Hydraulic Installation - Load Ride Control	284
8.000	**Hydraulic Components**	**286**
8.001	Valve Bank 4m6-15 5606660525	286
8.002	Valve Bank - Spool 4m6-15 5606660525	288
8.006	Pilot Control Valve	290
8.009	Pilot Control Block	292
8.010	Hydraulic Cylinder - Steering Z80/40	294
8.012	Hydraulic Cylinder - Lifting Frame >TI3100	298
8.012.1	Hydraulic Cylinder - Lifting Frame TI3100>	302
8.014	Hydraulic Cylinder - Dumping >TI03100106 -0103 Z160/100	306
8.014.1	Hydraulic Cylinder – Dumping TI03100107> +0103 Z160/100	310
8.014.2	Hydraulic Cylinder - Dumping TI03100> Z160/100	314
8.020	Hydraulic Cylinder - With Quick Attach	318
8.040	Variable Motor A6vm160dax/63w	320
8.045	Variable Motor A6vm107da3/63w	322
8.050	Variab.Displ.Pump - Drive 1 5364662523	324
8.051	Variab.Displ.Pump - Drive 2 5364662523	326
8.052	Variab.Displ.Pump - Drive 3 5364662523	328
8.060	Variable Displacement Pump - Working 5689659819	330
8.065	Gear Type Motor 5100620048	332
8.070	Emergency Steering Assembly 5368632580	334
9.000	**Electric Installation**	**336**
9.001	Electric Installation - Instrument Panel	336
9.003	Electric Installation - Console	340
9.004	Electric Installation - Console - Switch	344
9.006	Electric Installation - Fuse Panel And Relay Panel	348
9.008	Electric Installation - Operator's Cab	350
9.010	Electric Installation – Base Frame	354
9.012	Electric Installation - Front Chassis	358
9.014	Electric Installation – Rear Chassis	362
9.015	Electric Installation - Machine	368
9.017	Electric Installation – Engine	372
9.019	Electric Installation - Battery	376
9.020	Electric Installation - Starter Box	380
9.026	Electric Installation - Auxiliary Lighting	384
9.032	Electric Installation - Bucket Return Positioner	388
9.035	Electric Installation - Lifting Height Limitation	390
9.050	Electric Installation - Immobilizer	392

MidWestTech | Terex TL310 Wheel Loader Parts Manual | Publication 5780290034

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

Inhaltsverzeichnis deutsch

Kapitel	Überschrift	Seite
0.000	**Inspektionsteile**	**22**
0.100	Inspektionsteile	22
1.000	**Vorderwagen**	**24**
1.001	Vorderwagen	24
1.002	Knickgelenk	26
1.010	Werkzeug	30
2.000	**Hinterwagen Mit Aufbauten**	**32**
2.001	Hinterwagen, Kotfluegel	32
2.002	Aufstieg, Bodenrahmenlagerung	36
2.003	Pendelachslagerung, Zentralschmierung TI03100100-0101	40
2.003.1	Pendelachslagerung, Zentralschmierung TI03100102>	42
2.005	Oeltank Alte Version	44
2.005.1	Oeltank Neue Version	48
2.006	Kraftstofftank	52
2.007	Motorhaube	56
2.010	Abdeckung TI03100100-0101	60
2.010.1	Abdeckung TI03100102>	64
2.014	Lenkeinheit	68
2.015	Geraetebeschilderung - Terex	70
2.020	Fahrerkabine	74
2.021	Fahrerkabine - Verglasung	76
2.022	Fahrerkabine – Ausstattung 1	78
2.023	Fahrerkabine – Ausstattung 2	82
2.024	Fahrerkabine – Bodenrahmen	86
2.025	Fahrerkabine - Tuere Rechts	90
2.026	Fahrerkabine - Tuere Links	94
2.030	Fahrersitz Msg85	98
2.031	Fahrersitz – Federung Msg85	100
2.045	Klimaanlage	104
2.046	Heiz-Klimageraet	108
3.000	**Achsen, Bremsen**	**110**
3.001	Achse, Bereifung	110
3.001.1	Achse, Bereifung TI03100115>	114
3.001.2	Achse, Bereifung TI03100>	118
3.002	Vorderachse - Differentialgehaeuse - 5370661965 >TI03100114	122
3.002.1	Vorderachse - Differentialgehaeuse - 5370662200 TI03100115>	124
3.003	Vorderachse - Differential Mit Ssd - 5370661965 >TI03100114	126
3.003.1	Vorderachse - Differential Mit Ssd - 5370662200 TI03100115>	130
3.004	Vorderachse - Radnabe, Achskoerper - 5370661965 >TI03100114	132
3.004.1	Vorderachse - Radnabe, Achskoerper - 5370662200 TI03100115>	134
3.005	Vorderachse - Scheibenbremse - 5370661965 >TI03100114	136
3.005.1	Vorderachse - Scheibenbremse - 5370662200 TI03100115>	138
3.010	Hinterachse - Differentialgehaeuse - 5370661966 >TI03100114	140
3.010.1	Hinterachse - Differentialgehaeuse - 5370662201 TI03100115>	142
3.011	Hinterachse - Differential Mit Ssd - 5370661966 >TI03100114	144
3.011.1	Hinterachse - Differential Mit Ssd - 5370662201 TI03100115>	148
3.012	Hinterachse - Radnabe, Achskoerper - 5370661966 >TI03100114	152
3.012.1	Hinterachse - Radnabe, Achskoerper - 5370662201 TI03100115>	154
3.013	Hinterachse - Scheibenbremse - 5370661966 >TI03100114	156
3.013.1	Hinterachse - Scheibenbremse - 5370662201 TI03100115>	160
3.014	Hhinterachse - Zwischengetriebe - 5370661966 >TI03100114	162
3.014.1	Hinterachse - Zwischengetriebe - 5370662201 TI03100115>	166

MidWestTech | Terex TL310 Wheel Loader Parts Manual | Publication 5780290034

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

2.015 Stickers - Terex

Geraetebeschilderung - Terex
Autocollants - Terex
Señalización De Dispositivos - Terex

Item Position Posición	Part number Teilenummer Numéro de pièces Número de la pieza	Anzahl Qty. Quant. El núm.	English	Deutsch	Français	Español	Remarks Bemerkungen Remarque Observación
1	5358660001	2	Danger Sign	Warnschild Quetschgef.I Knickbereich 170x90	Signal De Danger	Danger Sign	
2	5358660002	1	Warning Plate	Hinweisschild Sicherheitsabstand - 100x100	Signal De Danger	Warning Plate	
3	5358660005	2	Label	Warnschild Sicherheits-Abstand 180x180	Signal De Danger	Label	
4	5358660003	1	Warning Plate	Warnschild Verletzungsgefahr - 45x85 - Pvc-Gg-Ss	Signal De Danger	Warning Plate	
5	5358660004	1	Information Sign	Hinweisschild Informat.I.D Betriebsanl. 85x45	Plaque Indicatrice	Information Sign	
6	5358609810	1	Information Sign	Hinweisschild Pvc Gw-Ss	Plaque Indicatrice	Hinweisschild Pvc Gw-Ss	
7	5358609812	1	Tyre Press Table	Reifendrucktabelle TI310 Pvc-Gw-Ss	Plaque Ind Press	Reifendrucktabelle TI310 Pvc-Gw-Ss	
8	5358613017	1	Emblem Lwa 106	Schild Lwa 106 Pvc-Gw-Ss 90x100	Emblème Lwa 106	Emblem Lwa 106	
9	5358609023	3	Decal Information	Hinweisschild G-W Ss Pvc-Folie 40km/H	Plaque Indicatrice	Decal Information	
10	0336120126	1	Marking Plate	Hinweisschild Gw Sr Klebefolie 40x60	Plaque Indicatrice	Marking Plate	
11	0336120127	1	Marking Plate	Hinweisschild Gw Sg Klebefolie 45x45	Plaque Indicatrice	Marking Plate	
12	5358609127	4	Label	Hinweisschild Kranverladung - Pvc-Gw-Ss - 40x45	Plaque Indicatrice	Label	
13	5358609128	4	Label	Hinweisschild Verzurren - 40x45 - Pvc-Gw-Ss	Plaque Indicatrice	Label	
14	5564636300	1	Gs-Sticker	Euro Test Tbg Gross (60x80)	Gs-Plaque	Gs-Sticker	
15	5358609113	1	Diesel Label	Hinweisschild Hupe, Diesel, Hydraulikoel - 24x114 - Pvc-Gw-Ss	Plaque Indicatrice	Diesel Label	
16	0278314031	8	Anti Slip Plate	Rutschfeste Platte Safety Walk Papier166x300	Couche Antiderap.	Anti Slip Plate	

MidWestTech | Terex TL310 Wheel Loader Parts Manual | Publication 5780290034

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

2.031 Operator'S Seat – Suspension Msg85

Fahrersitz – Federung Msg85
Siège Conducteur – Suspension Msg85
Asiento Del Conductor - Suspensión Msg85

Item Position Posición	Part number Teilenummer Numéro de pièces Número de la pieza	Anzahl Qty. Quant. El núm.	English	Deutsch	Français	Español	Remarks Bemerkungen Remarque Observación
5	5305670115	1	Cover	Abdeckung Schwarz	Recouvrement	Cover	
6	5305670196	1	Spring Suspension	Federungsoberteil	Rondelle Grower	Spring Suspension	Item.5,12,13
11	5305670197	1	Bellow	Faltenbalg Kpl.	Soufflet	Bellow	
12	5305670116	2	Blind Rivet	Blindniet	Rivet	Blind Rivet	
13	5305670117	2	Plate	Leiste	Plaque	Plate	
14	5305670118	1	Belt	Gurtband Kpl.	Ceinture	Belt	
15	5305661645	1	Pin	Bolzen	Axe	Pin	
16	5305655444	4	Bushing	Buchse	Bague	Bushing	
17	5305639674	3	Lock Washer	Sicherungsscheibe Din 6799	Rondelle D.Securit	Lock Washer	
18	5305670072	1	Rocker	Schwinge Kpl.	Piece Oscillante	Rocker	Item.15-17,19-24
19	5305670010	1	Pin	Bolzen	Axe	Pin	
20	5305655433	4	Bushing	Buchse	Bague	Bushing	
21	5305670015	1	Plate	Leiste	Plaque	Plate	
22	5305655439	2	Spring	Zugfeder	Ressort	Spring	
23	5305670017	2	Locking Plate	Ausrueckblech	Blocage	Locking Plate	
24	5305670016	1	Pin	Bolzen	Axe	Pin	
25	5305639675	2	Pin	Bolzen	Axe	Pin	
26	5305670004	1	Gas Filled Damper	Stossdaempfer Kpl.	Amortisseur	Gas Filled Damper	Item.17,19
28	5305670088	1	Fork	Gabel	Fourchette	Fork	
29	5305670120	2	Blind Rivet	Blindniet 4,0x10	Rivet	Blind Rivet	
30	5305670121	1	U-Beam	U-Profil	Profile En U	U-Beam	
31	5305670185	1	Rubber Plate	Gummiplatte	Tampon Plaque	Rubber Plate	
32	5305670123	1	Plug Kit	Puffersatz	Kit De Bouchon	Plug Kit	
33	5305670087	1	Washer	Scheibe	Rondelle	Washer	
35	5305655443	2	Spring	Zugfeder El.Schwarz	Ressort	Spring	
36	5305670085	1	Nut	Flanschmutter	Ecrou	Nut	
37	5305670124	1	Spring Bracket	Federbock	Ressort De Bock	Spring Bracket	
38	5305670128	1	Catch	Haltestopfen	Arret	Catch	
39	5305670090	1	Pin Roll	Spannstift	Goupille Elast.	Pin Roll	
40	5305670091	1	Notched Pin	Kerbstift	Goupille Crantee	Notched Pin	
41	5305670084	1	Handle	Griff Kpl.	Poignee	Handle	Item.40

MidWestTech | Terex TL310 Wheel Loader Parts Manual | Publication 5780290034

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

9.019 Electric Installation - Battery

Elektroinstallation - Batterie
Installation Electrique - Batterie
Instalación Eléctrica - Batería

Item Position Posición	Part number Teilenummer Numéro de pièces Número de la pieza	Anzahl Qty. Quant. El núm.	English	Deutsch	Français	Español	Remarks Bemerkungen Remarque Observación
1	5272600004	2	Battery Un2794	Batterie Un2794 L=353xb=175xh= 190mm 100ah 850a	Batterie Un2794	Battery Un2794	
2	0455011002	1	Battery Bracket	Batteriehalter Kpl. Verz.	Support Batterie	Battery Bracket	
3	1007707131	4	Bolt	Sechskantschraube ISO 4014 - M12x75 - 8.8 - A3c	Vis	Bolt	
4	1343707061	4	Washer	Scheibe 7349 St37verz 13x30x6	Rondelle	Washer	
5	0457011009	2	Block 10025-2 Verz. S355j2+N 50x60x165	Klotz 10025-2 Verz. S355j2+N 50x60x165	Bloc S355j2+N 50x60x165	Klotz 10025-2 Verz. S355j2+N 50x60x165	
6	6187505560	4	Clamp Strap	Klemmbuegel Verz. 10029 Qste380tm 4x42x170	Etrier	Clamp Strap	
7	1008707019	4	Screw	Sechskantschraube ISO 4017 - M8x40 - 8.8	Vis	Screw	
8	1343707057	6	Washer Din 7349 - 8,4 - St - A3c	Scheibe Din 7349 - 8,4 - St - A3c	Rondelle	Arandela Din 7349 - 8,4 - St - A3c	
9	0456040185	1	Bracket	U-Halter Verz. Dc01 2,99x56x206	Support	U-Halter Verz. Dc01 2,99x56x206	
10	1330620020	3	Plate	Faecherscheibe 6798 A 10,5	Plaque	Plate	
11	1212251013	3	Nut M10	Sechskantmutter 985 8 M10	Ecrou	Nut M10	
12	5522655650	1	Batterie Shut-Off	Batterietrennschalt er Mit Staubschutzkappe	Interrupt.Batterie	Batterie Shut-Off	
13	1045707213	2	Pan Head Screw	Zylinderschraube Din 912 - M6x20- 8.8 - A2c	Vis A Tete Cylindr	Pan Head Screw	
14	1290707014	4	Washer	Scheibe Din 125 - 6,4 - 140 Hv - A2c	Rondelle	Washer	
15	1212251009	2	Screw	Sechskantmutter Din 985 - M6 - 8	Ecrou	Screw	
16	1343707059	3	Washer	Scheibe Din 7349 - 10,5 - St - A3c	Rondelle	Washer	
17	0457011006	1	Bracket	Halter Kpl. Verz.	Support	Bracket	

MidWestTech | Terex TL310 Wheel Loader Parts Manual | Publication 5780290034

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