# LG956L轮式装载机 零部件图册 LG956L WHEEL LOADER PARTS CATALOG

Full download: http://manualplace.com/download/liugong-956l-wheel-loader-parts-manual/

**Liugong 9561 Wheel Loader Parts Manual** 

山东临工工程机械有限公司 SHANDONG LINGONG CONSTRUCTION MACHINERY CO.,LTD.

#### 配件与服务Spare parts and services

对于山东临工机器的所有者来说,只有山东临工配件和服务才能够使您的 机器更好地保持原有的特性。

For the owner of the machines of SDLG, only the space parts and services of SDLG can mark your machine to better maintain the original features.

只有山东临工才能够为您提供完美匹配且优质纯正的配件和对您的机器 了如指掌的专业维修人员。这样才能保证及其可持续的高产能和更长的使用寿 命。

Only SDLG is able toprovide you with the perfect match of pure quality spare parts for your machine and knowledge of professional maintenance staff. Only in this way it can ensure sustainable high productivity and longer service life.

#### LG956L轮式装载机 零部件图册 LG956L WHEEL LOADER PARTS CATALOG

2009 年 12 月 第 1 版 第 1 次印刷

2009-12 Version 1 Printed 1

山 东 临 工 程 机 械 有 限 公 司 SHANDONG LINGONG CONSTRUCTION MACHINERY CO.,LTD.

地址: 中国·临沂经济开发区临工工业园

Add: Lingong Industry Park, Linyi Economic Deve I opment Zone, Shandong, china

电话: 86-0539-8785668 Tel: 86-0539-8785624/86-0531-66590955 传真: 86-0539-8785698 Fax: 86-0539-8785618/86-0531-66590959

技术服务: 86-0539-8785800 400-6587999 Web: www.sdlg.cn

## 前言

LG956L轮式装载机零部件图册,是为了方便用户使用、维修和保养而绘制的,以供在使用过程中查阅及参考,也可帮助用户了解本机的结构和装配关系。发动机的零部件详见其随机资料,本图册不再绘出。

本图册按系统划分绘制出了各零部件的图形及相 互装配关系。凡装机后不可拆卸的部件(如焊接件、铆 合件),只标出部件代号,不另列其组成零件。本图册 明细表采用中英文对照编排。

本图册主要根据标准型产品(订货号E5613115A39) 编绘,其它非标准配置,可参照执行,详情请咨询山东 临工、或当地经销商、或登录山东临工网站查询。随着 科技的进步,产品将会不断改进,故本图册的内容可能 会有部分与以后的产品不一致,恕不另行通知。敬请用 户在定购配件时,指明所购整车的出厂日期和编号。

编者

2009年12月

## **FOREWORD**

THIS PARTS LIST OF LG956L WHEEL LOADER IS MADE FOR THE CONVENIENCE OF USERS TO USE, REPAIR AND MAINTAIN THE MACHINE, AND IT CAN BE REFERED IN THE PROCESS OF USING. IT CAN ALSO HELP THE USERS TO BE FAMILIAR WITH THE CONSTRUCTION AND ASSEMBLY RELATION OF THE MACHINE. THE PART OF THE ENGINE IS SHOWED IN DETAIL IN ITS STRUCTION HANDBOOK. SO THIS CATALOG DOES NOT CONTAIN THE ENGING PART LIST.

THE CATALOG CONTAINS THE PART DRAWINGS OF DEFERENT ASSEMBLIES, SHOWING THE SHAPE OF THE PARTS AS WELL AS THE ASSEMBLING RELATION. THE COMPONENTS WHICH CAN NOT BE TAKEN APART (SUCH AS THE WELDMENT OR RIVETED ASSEMBLIES) ARE INDICATED ONLY BY THEIR COMPONET NUMBERS WITHOUT THE CONSISTING PART NUMBERS. THE LIST IN THE CATALOG IS ARRANGED BY CHINESE VERSUS ENGLISH.

THIS CATALOG IS MAINLY BASED ON THE STANDARD PRODUCT (ORDER NUMBER E5613115A39) THE OTHERS OF NONSTANDARD PRODUCT CAN REFER THE STANDARD PRODUCT, AND THE DETAILED INFORMATION CAN BE KNOWN FROM SHANDONG LINGONG, THE LOACAL DEALER OR LINGONG WEBSITE ALTERATIONS IN DESIGN ARE NECESSARILY WITH THE THECHNICAL DEVELOPMENT SO SOME CONTENT IN THE CATALOG PROBABLY IS NOT CONSISTANT WITH THE FUTURE PRODUCTS, AND THIS WILL NOT NOTICE USERS. THEREFORE WHEN ORDERING SPARE PARTS, USERS ARE KINDLY REQUSETED TO INFORM US THE MANUFACTURING DATE AND BATCHNUMBER OF THE WHEEL LOADER.

THE COMPILER

2009. 12

## 目录 CONTENTS

## A. 发动机系统

4.	DIESEL ENGINE SYSTEM	
	发动机总成	A1-2901001442
	DIESEL ENGINE ASSEMBLY	A1-2901001442
	燃油箱总成	A2-2902000845
	FUEL TANK ASSEMBLY	A2-2902000845
	散热器总成	A3-2903000966
	RADIATOR ASSEMBLY ·····	A3-2903000966
	油门操纵机构	A4-2901000752
	GOVERNOR CONTROL SYSTEM ·····	A4-2901000752
	发动机	A5-4110000186
	DIESEL ENGINE	A5-4110000186
B.	变矩器系统	
	TORQUE CONVERTER SYSTEM	
	变矩器总成	B1-2904000777
	TORQUE CONVERTER ASSEMBLY	B1-2904000777
	液力变矩器YJSW315-6C(370804) ·······	B2-4110000011
	TORQUE CONVERTER YJSW315-6C(370804) ·····	B2-4110000011
	滤清器QF60M33G-1(410708)	B4-4110000507
	CLEANER QF60M33G-1 (410708)	B4-4110000507





## C. 变速箱系统

C. TRANSMISSION SYSTEM

	变速箱总成	C1-2905001263
	TRANSMISSION ASSEMBLE	C1-2905001263
	A305变速箱总成	C2-2905001219
	A305 TRANSMISSION ASSEMBLE ·····	C2-2905001219
	三轴总成	C3-2030900027
	3RD SHAFT ASS'Y ·····	C3-2030900027
	四轴总成( I )	C4-2030900026
	4TH SHAFT ASS'Y ( I )	C4-2030900026
	四轴总成(II)	C6-2030900019
	4TH SHAFT ASS'Y ( II )	C6-2030900019
	输出轴总成	C7-2905001219
	OUTPUT SHAFT ASS'Y ·····	C7-2905001219
D	. 变速操纵系统	
D	. TRANSMISSION CONTROL SYSTEM	
	变速操纵系统	D1-2906000896
	TRANSMISSION CONTROL SYSTEM ····	D1-2906000896
	变速操纵机构LG956L ······	D2-4110000659
	LG953 TRANSMISSION CONTROL SHAFT	D2-4110000659

	变速操纵阀LG03-BSF(350802) ······	D3-4120000064
	TRANSMISSION CONTROL LG03-BSF VALVE(350802)	D3-4120000064
E	. 驱动桥系统	
E	AXLE SYSTEM	
	前桥总成	E1-2907001203
	FRONT AXLE ASSEMBLY	E1-2907001203
	前主传动总成	E2-2907001108
	FRONT MAIN DRIVE	E2-2907001108
	轮边减速器(前桥)	E3-2907001091
	FINAL DRIVE ASSEMBLY	E3-2907001091
	传动轴总成	E4-2908000795
	传动轴总成 ····································	E4-2908000795
	后桥总成	E5-2909000809
	REAR AXLE ASSEMBLY	E5-2909000809
	后主传动总成	E6-2909000811
	REAR AXLE MAIN DRIVE ASS'Y	E6-2909000811
	轮边减速器(后桥)	E7-2907000108
	FINAL DRIVE ASSEMBLY (REAR AXLE)	E7-2907000108
	制动钳(371328)	E8-4120001739
	制动钳(371328)	E8-4120001739





	轮胎GB2980-23.5-25(520101) ·····	E11-4110000006
	TIRE GB2980-23.5-25 (520101)	E11-4110000006
	轮胎 23.5-25-18PR-L3 (371002)	E12-4110000582
	TIRE 23.5-25-18PR-L3	E12-4110000582
F	. 工作装置液压系统	
F	IMPLEMENT HYDRAULIC SYSTEM	
	液压操纵总成	F1-2912001714
	HYDRAULIC CONTROL ASSEMBLY	F1-2912001714
	工作泵总成	F2-2911000881
	WORKING PUMP ASSEMBLY ·····	F2-2911000881
	举升缸总成	F3-2913001205
	LIFTING CYLINDER ASSEMBLY	F3-2913001205
	转斗缸总成	F4-2914001017
	DUMP CYLINDER ASSEMBLY	F4-2914001017
	液压油箱总成	F5-2910001003
	HYDRAULIC TANK ASSEMBLY	F5-2910001003
	转斗油缸 (371368)	F7-4120002264
	TILT CYLINDER	F7-4120002264
	动臂油缸 (371368)	F9-4120002263
	LIFT ARM CYLINDER ····	F9-4120002263

## H. 工作装置 H. WORKING EQUIPMENT 工作装置 ······ H1-2915001046 铲斗总成 ······· H2-2917003706 I. 转向系统 I. STEERING SYSTEM 转向器总成 ······· I2-2920000831 转向油缸(371368) ······ I5-4120000553 J. 制动系统 J. BRAKE SYSTEM





	储气罐	J2-2922000053
		J2-2922000053
	加力泵(340201)	J3-4120000675
	BRAKE BOOSTER ····	J3-4120000675
	驻车制动总成	J4-2923000001
	PARKING BRAKE SYSTEM ·····	J4-2923000001
	手制动器(371322)	J8-4120000087
	手制动器(371322)	J8-4120000087
K	. 车架	
K	. FRAME	
	前车架及其附件	K1-2924001159
	FRONT FRAME AND ACCESSORIES	K1-2924001159
	铰接	K2-2925000001
	ARTICULATION ·····	K2-2925000001
	灯架及挡泥瓦	K3-2925000850
	LAMP FRAME AND FRONT FENDER	K3-2925000850
		K4-2926001341
	REAR FRAME AND ACCESSORIES	K4-2926001341
	配重铁总成	K5-2928000819
	COUNTER WEIGHT ·····	K5-2928000819

## L. 驾驶室

L.	CAB GROUP	
	驾驶室总成	L1-2929000881
	CAB ASSEMBLY	L1-2929000881
	驾驶室	L2-2929000916
	CAB ·····	L2-2929000916
	驾驶室 ····································	L3-2931001426
	OPERATE BENCH ·····	L3-2931001426
	座椅总成 ······	L4-2930000772
	SEAT ASSEMBLY	L4-2930000772
	操纵箱 ······OPERATE BOX ·······	L5-2932000957
	OPERATE BOX ·····	L5-2932000957
M	. 覆盖件系统	
	. CONVER SYSTEM	
	发动机罩总成	M1-2933001510
	HOOD OF DIESEL ENGINE ASSEMBLY	M1-2933001510
	左台架总成	M2-2934001541
	LEFT BENCH GROUP	M2-2934001541
	右台架总成	M3-2934001556
	RIGHT BENCH GROUP	M3-2934001556





	后转向灯罩	M4-2934001568
	REAR STEERING LAMP HOOD	M4-2934001568
	标志与标识	M5-2936001200
	SIGN AND LOGO ·····	M5-2936001200
	电瓶箱	M6-2934001572
	BATTERY CASE ·····	M6-2934001572
	工具箱	M7-2934001581
	TOOL CASE ····	M7-2934001581
N	. 空调系统	
N	. AIR CONDITIONER SYSTEM	
	暖风机	N1-2935000888
	WARMING MACHINE	N1-2935000888
	空调系统	N2-2935000894
	AIR CONDITIONER SYSTEM ·····	N2-2935000894
	暖风机	N3-4190000917
	WARMING MACHING	N3-4190000917
0	. 电气系统	
0	. ELECTRIC SYSTEM	
	电气系统	O1-2937001520
	ELECTRIC SYSTEM ····	O1-2937001520

仪表盘总成	O2-2937001535
PANEL ASSEMBLY ·····	O2-2937001535
仪表台总成	O3-2937001468
INSTRUMENT DESK ·····	O3-2937001468



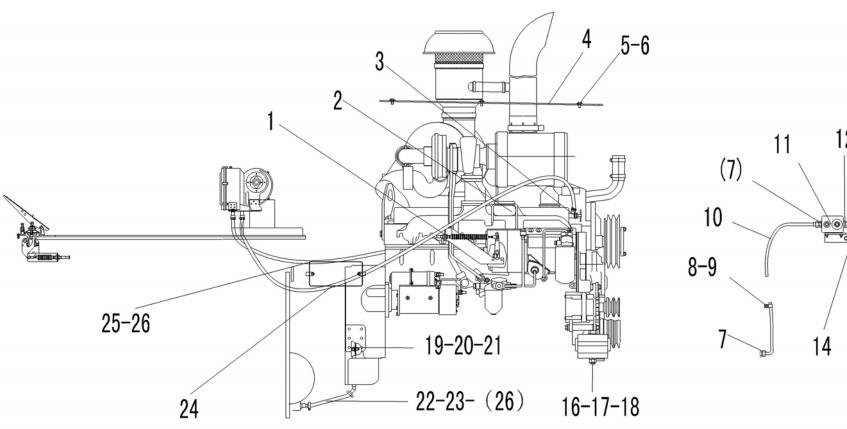


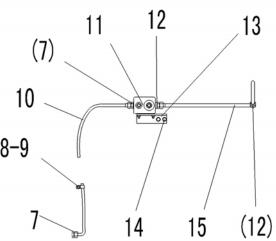
# A 发动机系统 DIESEL ENGINE SYSTEM

山东临工工程机械有限公司 SHANDONG LINGONG CONSTRUCTION MACHINERY CO.,LTD.



### 发动机总成 DIESEL ENGINE ASSEMBLY





序号	零件代号		名称	是否配件	数量	备注
Key	Part No.		Description	Spare parts Y/N	Qty	Remarks
1	29010007521	油门操纵机构	GOVERNOR CONTROL SYSTEM	N	1	
2	4110000186	发动机总成C6121ZG50(C6ZG50f)	ENGINE ASSEMBLY C6121ZG50(C6ZG50f)	Y	1	
3	4120000067	暖风机水阀LG12-NFJSF	VALVE-HEATER	Y	2	
4	29010014441	上盖板	UPPER COVER PLATE	Y	1	
5	4011000081	螺栓GB5783-M10*20EpZn-8.8	BOLT GB5783-M10*20EpZn-8.8	N	7	
6	4015000197	垫圈GB96.1-10EpZn-300HV	WASHER GB96.1-10EpZn-300HV	N	7	
7	29220001191	直接头	CONNECTOR	Y	2	
8	29010000031	管夹	CLAMP	Y	1	
9	4011000461	螺栓GB16674-M8*16EpZn-8.8	BOLT GB16674-M8*16EpZn-8.8	N	2	
10	4041001031	软管LGB145-205263	TUBE LGB145-205263	Y	1	
11	4120000084	油水分离器组合阀ST-50G	AIR DYER ST-50G	Y	1	
12	29010000051	垫圈	WASHER	Y	2	
13	29010009241	支撑板	SUPPORT PLATE	Y	1	
14	4011000488	螺栓GB16674-M10*16EpZn-8.8	BOLT GB16674-M10*16EpZn-8.8	N	2	
15	4120000750	金属软管	METAL TUBE	Y	1	
16	4011000387	螺栓GB5782-M24*130EpZn-8.8	BOLT GB5782-M24*130EpZn-8.8	N	2	
17	4013000021	螺母GB6170-M24EpZn-8	NUT GB6170-M24EpZn-8	N	2	
18	4015000167	垫圈GB97.1-24EpZn-300HV	WASHER GB97.1-24EpZn-300HV	N	2	

#### 发动机系统

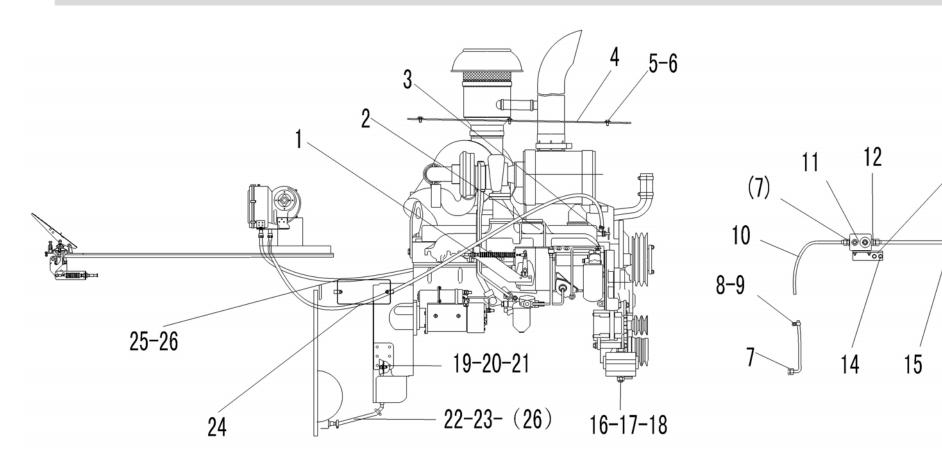




13

(12)

### 发动机总成 DIESEL ENGINE ASSEMBLY



序号	零件代号		名称	是否配件	数量	备注
Key	Part No.		Description	Spare parts Y/N	Qty	Remarks
19	29010000111	双头螺柱	DOUBLE BOLT	Y	12	
20	4013000007	螺母GB6170-M10EpZn-8	NUT GB6170-M10EpZn-8	N	12	
21	4015000025	垫圈GB93-10-65Mn	WASHER GB93-10-65Mn	N	12	
22	4030000581	胶管JB8406-B16*340	HOSE	Y	1	
23	29010008691	回油接头	FITTING OIL RETURN	Y	1	
24	4120000049	胶管JB8406-B16*2600	RUBBER TUBE JB8406-B16X2600	Y	1	
25	4120000136	胶管JB8406-B16*2900	HOSE JB8406-B16*2900	Y	1	
26	4017000024	环箍QC390-D26	CLAMP QC390-D26	N	6	

#### 发动机系统

DIESEL ENGINE SYSTEM



DIESEL ENGINE SYSTEM



### 燃油箱总成 FUEL TANK ASSEMBLY

