

Parts Catalog for YTO-X1204 Tractor

YTO Group Corporation

**EN
004**

Foreword

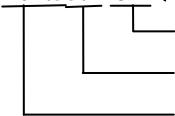
The *Parts Catalog for YTO-X1204Tractor* is compiled based on existing product drawings and process routes for customers to understand the construction of the YTO-X1204 wheel tractor and to use when choosing parts. The product you purchased may not exactly conform to this catalog as our products are being continually improved. Please note that this catalog will be modified and supplemented with product improvements at reprint.

The parts catalog consists of 3 sections for basic equipment, optional equipment and diesel engine respectively. When using the parts catalog, you should search in its sections for basic equipment and optional equipment according to the specific configuration of your model; for a diesel engine part, you need to search it in the corresponding diesel engine parts catalog section according to the model of your diesel engine. When the spare part to be ordered is listed in the section for optional equipment, the whole group listed in the corresponding section for basic equipment needs to be completely discarded and you need to select it according to the part drawing number in the section for optional equipment. In the parts catalog, parts within assemblies are illustrated as were knocked down as far as possible except several safety-related assemblies which are not allowed to be removed by customers for repairs and need to be replaced as a whole after a breakdown.

When you look up a part, please find the page number of its corresponding group number on the *Parts Catalog*, and then search out its name, part number and quantity.

The following classes of part drawing numbers are included in the part drawing number list:

Class I:1204.55.116 (Bushing, slave cylinder)



Part number

Group number

Model number

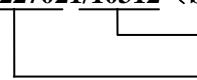
Class II: 5118742/1.21.573 (hitch pin assembly)



Group number

Part number

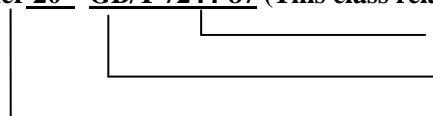
Class III:11227021/10312 (bolt M14×1.5×65)



Standard number

Part number

Class IV: Washer 20 GB/T 7244-87 (This class relates to GB/T,GB,JB/T&JB)



Standard number

Recommended standard in China

Part specification

Note: When selecting a Class III/IV standard part, you need to write up its standard number, part number, recommended standard in China, and part specification! (The parts in this class include bolts, nuts, washers, O-rings, oil seals, bearings, pins, etc.)

When choosing a part, please put down the model, vehicle SN and manufacturing date of your tractor clearly so that we can serve you more accurately and quickly.

When you order the parts, make sure to write down the part drawing numbers completely. In case of any other special requirements, please let us know, and we will do our best to your satisfaction.

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Version number: 201302-201302

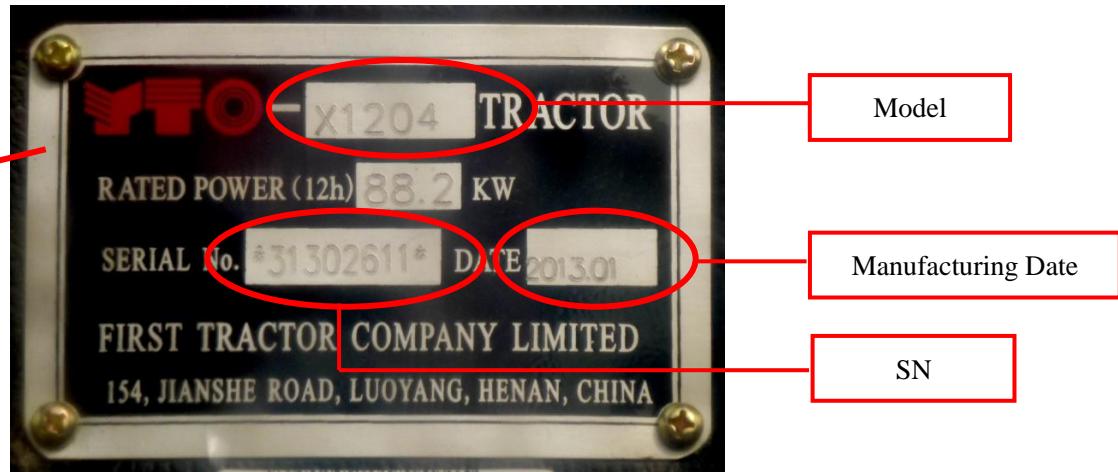
Precautions for ordering spare parts

1. Introduction

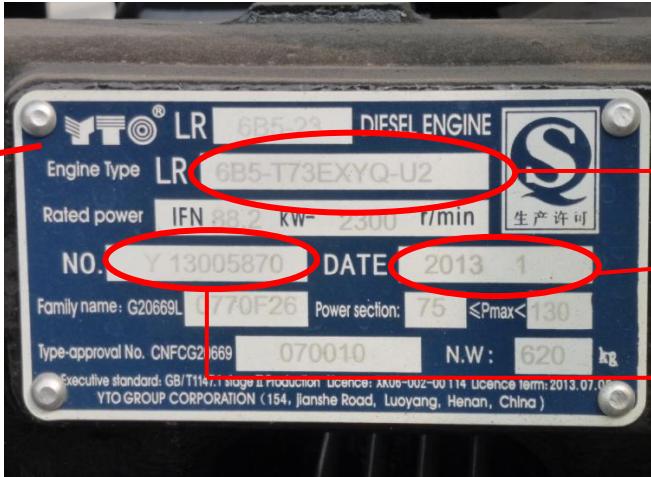
To increase accuracy rate as well as efficiency of spare parts validation while maximizing timeliness of spare parts supply and reducing economic loss, you need to provide correct product information as required when ordering any spare parts for ensuring correctness of the parts you order.

2. Product information you need to provide when ordering spare parts

1) Illustration of photo of tractor nameplate (If no photo is available, please provide model, manufacturing date and SN of your tractor.)



2) Illustration of photo of diesel engine nameplate (If no photo is available, please provide model, manufacturing date and SN of your diesel engine.)



Model

Manufacturing Date

SN

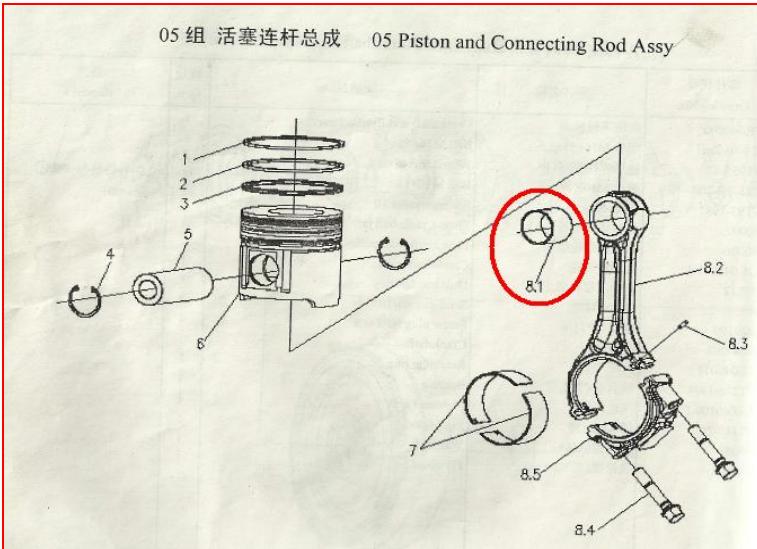
3) When ordering assemblies such as fuel pump, gear pump, generator, starting motor, multi-way valve, distributor, steering pump and steering gear, please provide photos of their nameplates as much as possible. Example: below is the nameplate picture of gear pump



Assembly Nameplate

4) In the case of a fault part, you need to provide a photo of its installation position, a photo of itself, and a local photo of the damaged area on it, and give us a photo of its identification as far as possible so as to facilitate improvement.

5) If it is difficult for you to provide a photo of the damaged part, please indicate its location as well as the corresponding part drawing number in the parts catalog (as illustrated below).



05 组 活塞连杆总成 05 Piston and Connecting Rod Assy

序号 No.	零件代号 Drawing No.	零件名称 Part Name	数量 Qty.	备注 Remarks
1	RB.050002-1	第一道气环	1st compression	4 4RBT 用
2	RB.050003-1	第二道气环	2nd compression	4 4RBT 用
3	RBZL.050200	内撑油环	Inner sustain oil ring	4 4RBT 用
	RAZL.050002-1	第一道气环	1st compression	4 4RZT 用
	RAZL.050003-1	第二道气环	2nd compression	4 4RZT 用
	RA.050200	内撑油环	Inner sustain oil ring	4 4RZT 用
4	Q43036	挡圈	Retaining ring	8 4RBT 用
	Q43038	挡圈	Retaining ring	8 4RZT 用
5	R050004	活塞销	Piston pin	4 4RBT 用
	RAZL.050004	活塞销	Piston pin	4 4RZT 用
6	RB.050001B	活塞（缩口）	Piston	4 4RBT 用
	RHZL.050001	活塞（缩口）	Piston	4 4RZT 用
7	RZ050005	连杆轴瓦	Shell,connecting rod	8
8	RA050100	连杆机械部件	Connecting rod mechanical assy	4 4RBT 用
	4RAZ.050100	连杆机械部件	Connecting rod mechanical ass	4 4RZT 用
8.1	R050103A	连杆衬套	Bush,connecting rod	4 4RET 用
	RAZL.050103	连杆衬套	Bush,connecting rod	4 4RZT 用
8.2	RA.050101	连杆体	Body,connecting rod	4 4RBT 用
	4RAZ.050101	连杆体	Body,connecting rod	4 4RZT 用
8.3	LR050105	定位销	Dowel	8
8.4	RA.050104	连杆螺栓	Bolt,connecting rod	4
8.5	RA.050102	连杆盖	Cap,connecting rod	4 4RET 用

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II PARTS CATALOGUE FOR YTO-X1204 TRACTOR (Optional model)

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Parts Catalog for YTO-X1204 Tractor

(Basic Model)

YTO Group Corporation

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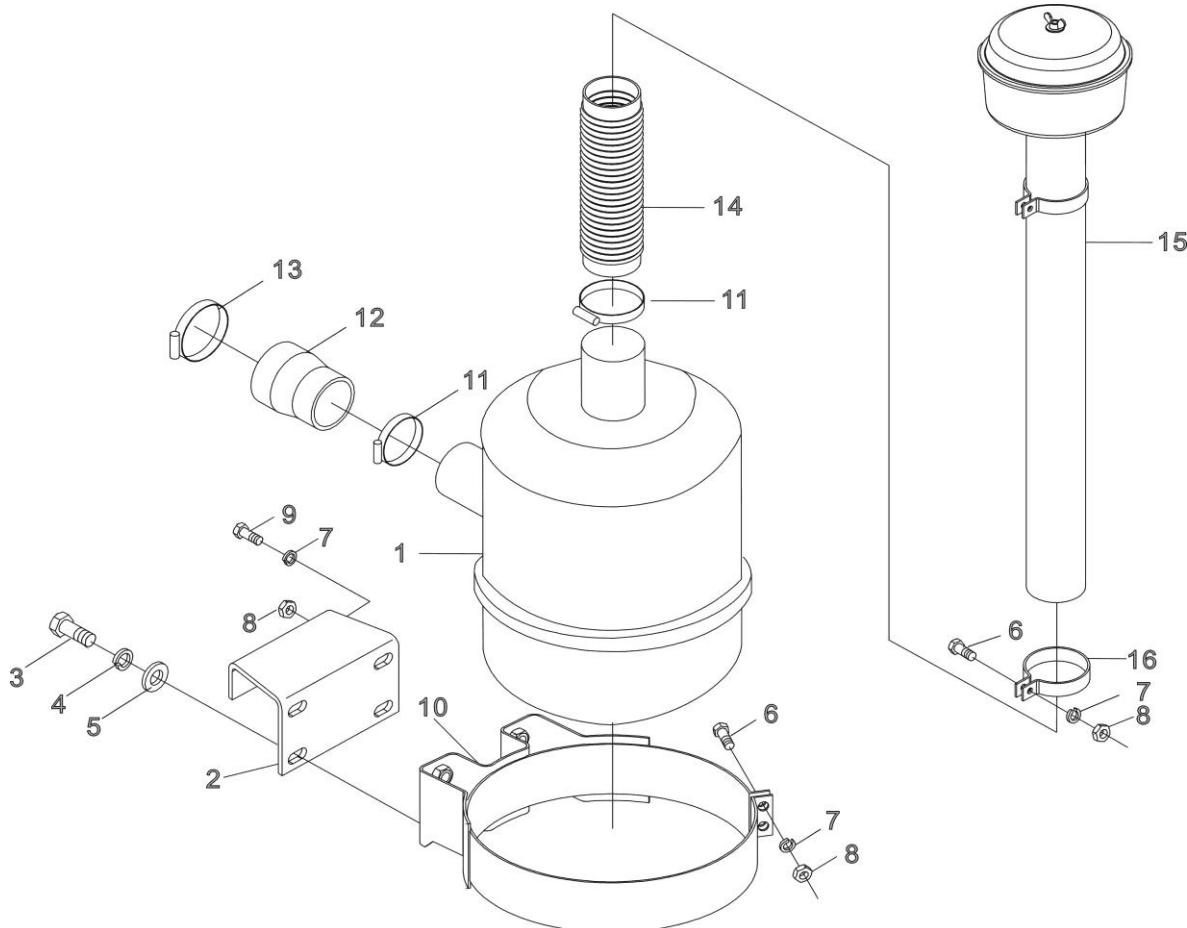
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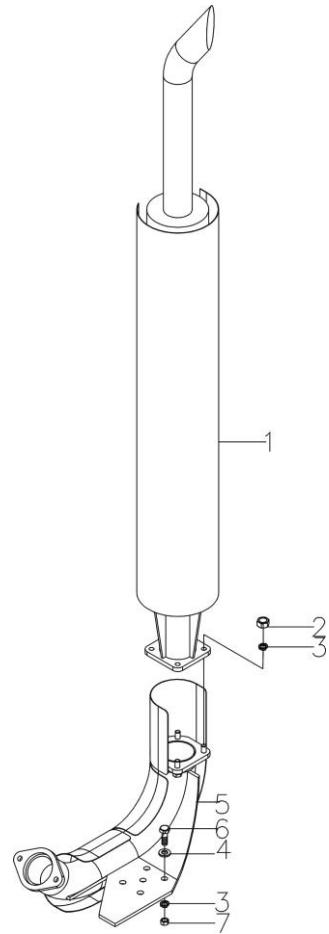
18 Air cleaner assembly



18 Air cleaner assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Air Filter Assembly	F5/6L 912A2-0000	1	14	Connection tube, air inlet	SZ904.18.111	1
2	Transition support weldment, air cleaner	4RCT4.220100-SZ	1	15	Primary filter assembly	6RT12.210100SZ	1
3	Bolt M10×20-Zn.D	GB/T5783-2000	4	16	Clamp	6RT12.210202SZ	1
4	Washer 10-Zn.D	GB/T93-1987	4				
5	Washer 10-Zn.D	GB/T97.1-2002	4				
6	Bolt M8×30-Zn.D	GB/T70.1-2000	4				
7	Washer 8-Zn.D	GB/T7244-1987	6				
8	Nut M8-Zn.D	GB/T6170-2000	4				
9	Bolt M8×30-Zn.D	GB/T5783-2000	2				
10	Bracket unit, air cleaner	6RTF.210350	1				
11	Clamp (76-92)	QC/T619-1999	2				
12	Intake connecting hose	6RTF.200002	1				
13	Clamp (80-100)	QC/T619-1999	1				

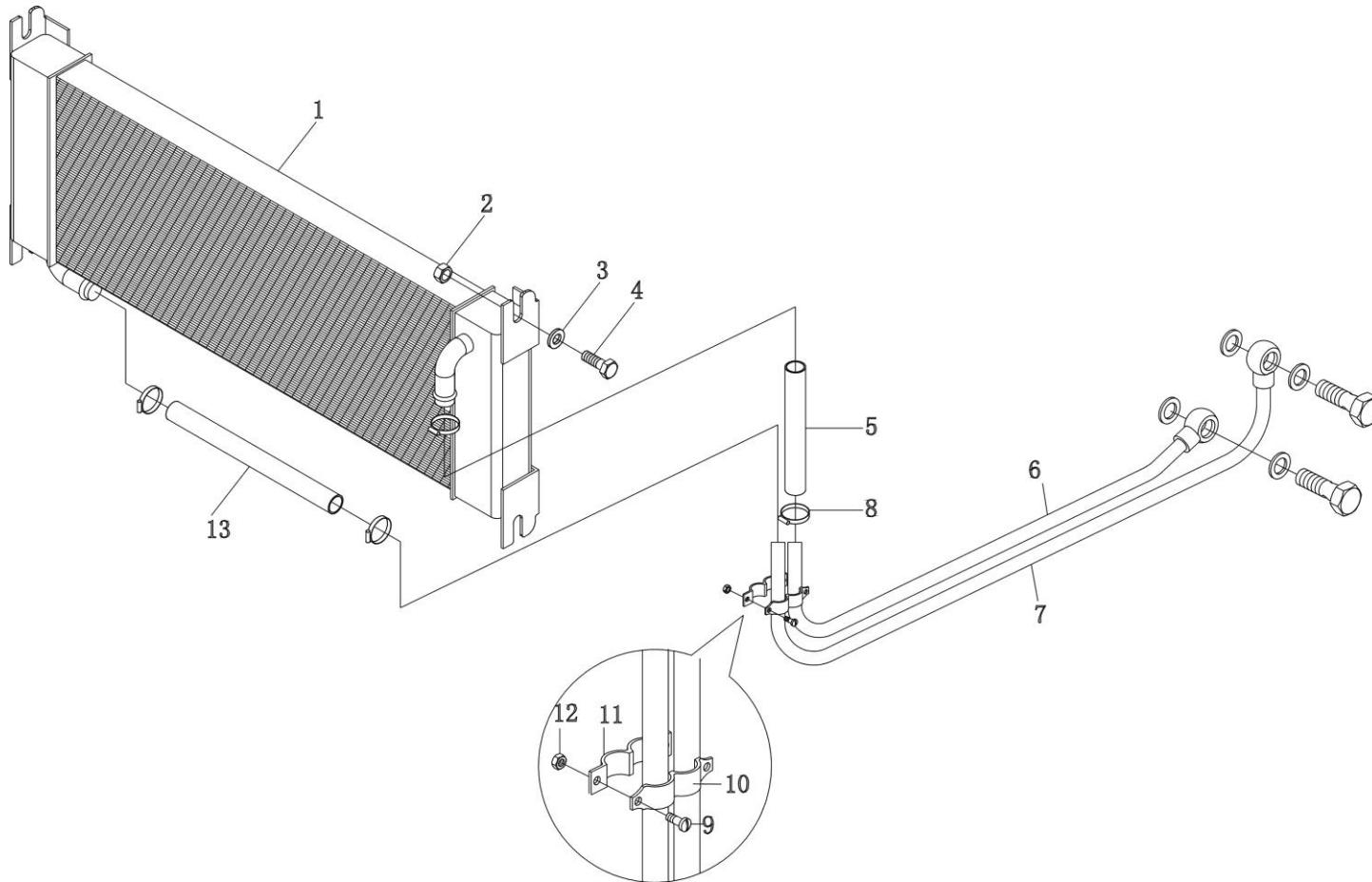
24 Muffler assembly



24 Muffler assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Muffler	SZ6105T.240100-2	1				
2	Nut M10-Zn.D	GB/T6170-2000	4				
3	Washer 10-Zn.D	GB/T93-1987	9				
4	Washer 10-Zn.D	GB/T96.1-2002	5				
5	Transition adapter, muffler	SZ6105T.240200-2	1				
6	Bolt M10×40-Zn.D	GB/T5783-2000	5				
7	Nut M10-Zn.D	GB/T6170-2000	5				

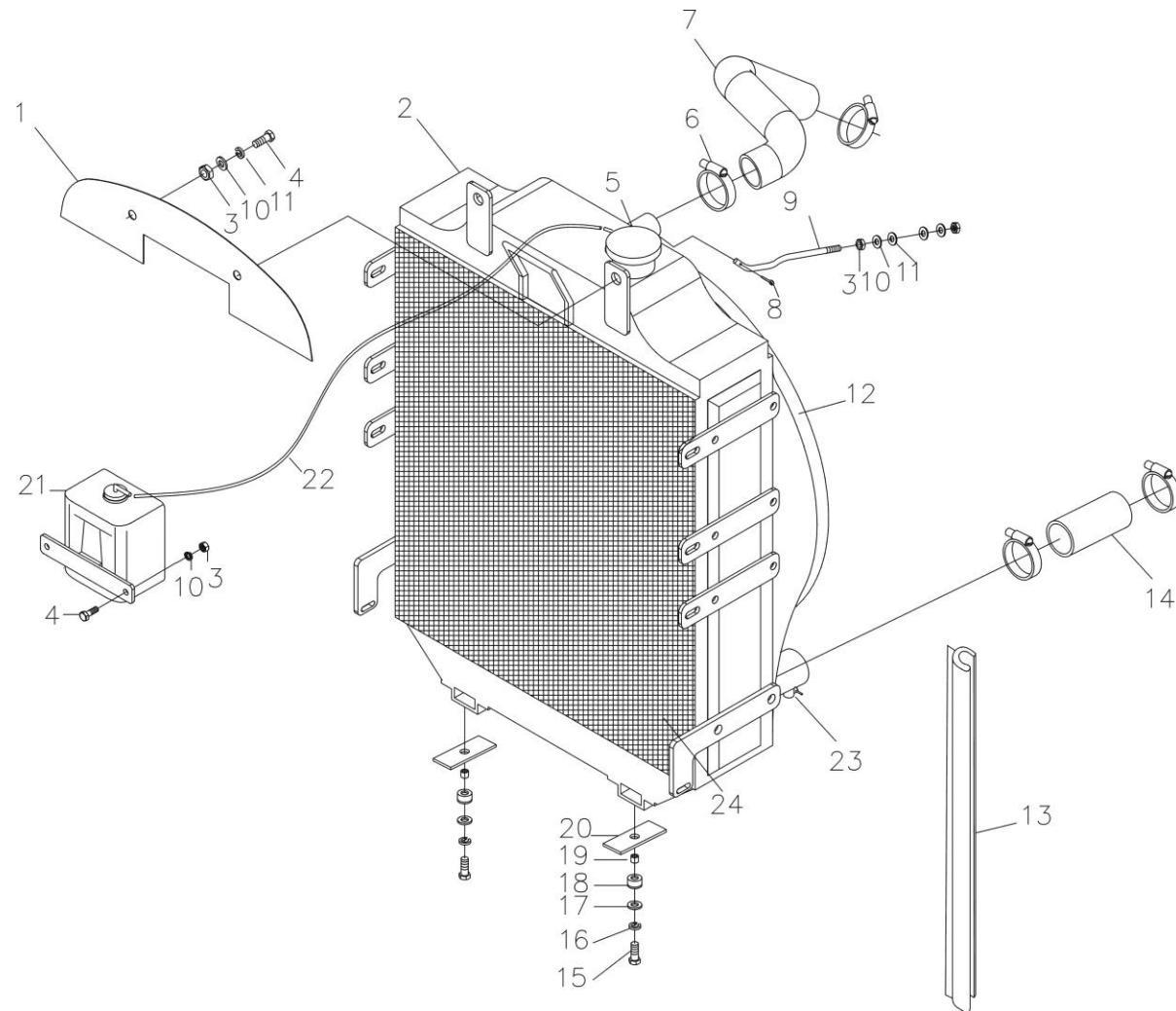
23 Oil cooler and line assembly



23 Oil cooler and line assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Oil cooler assembly	SZ4105T.460100LV	1				
2	Nut M8-Zn.D	GB/T6170-2000	4				
3	Washer 8-Zn.D	GB/T7244-1987	4				
4	Bolt M8×25-Zn.D	GB/T5783-2000	4				
5	Oil inlet hose, radiator	SZ4108T.460502A	2				
6	Oil outlet pipe subassembly, radiator	SZ6108T.460200	2				
7	Oil inlet pipe subassembly, radiator	SZ6108T.460300	4				
8	Clamp 19-29	QC/T619-1999	4				
9	Bolt M5×20-Zn.D	GB/T5783-2000	1				
10	Nut M5-Zn.D	GB/T39-2000	1				
11	Composite clip (UPR)	4RTF.460401-2	1				
12	Composite clip (LWR)	4RTF.460402-2	1				
13	Oil outlet hose, radiator	SZ6108T.460501A	4				

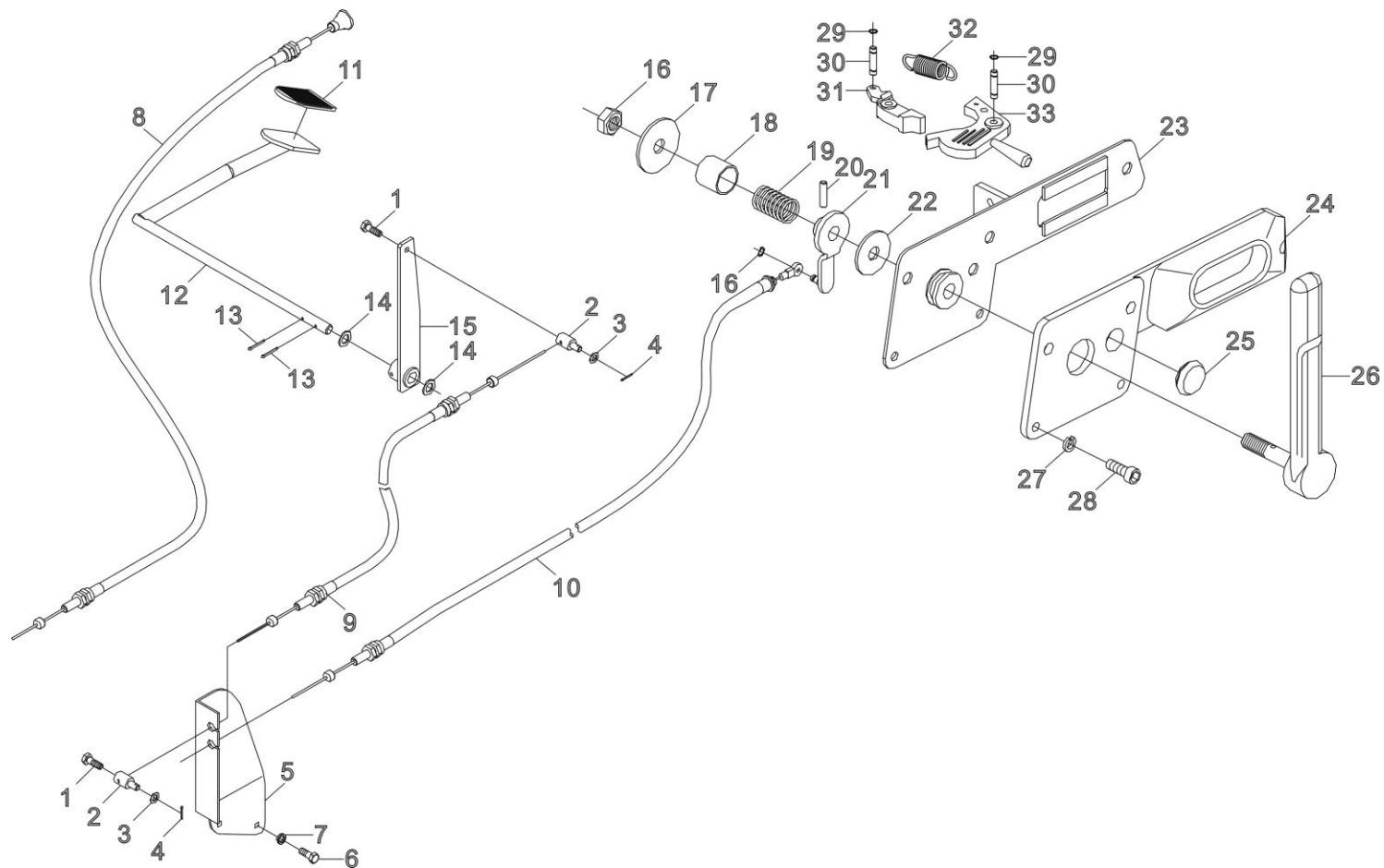
19 Installed radiator assembly



19 Installed radiator assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Seal plate unit (UPR)	SZ804.19.016	1	17	Washer 10 -Zn.D	GB/T5287-2000	4
2	Radiator assembly	SZ6108T.540000-3LV	4	18	Damping block (LWR), radiator	SZ4108T.540016	4
3	Nut M8-Zn.D	GB/T6170-2000	6	19	Spacer, buffer, fuel tank	494998708/1.04.076	4
4	Bolt M8×25-Zn.D	GB/T5783-2000	4	20	Damping block (UPR), radiator	SZ4108T.540015	4
5	Rap, radiator	SXG-I-0.7	1	21	Overflow tank	SZ804.19.030	1
6	Clamp d54 (stainless steel)	JB/T 8870-99	4	22	Water overflow pipe	SZ904.19.125	1
7	Water inlet hose, radiator	LR6110T.540001-1	1	23	Drain cock assembly	T/HS-203-0	1
8	Pin 3×16	GB 91-76	1	24	Grass windshield	SZ6108T.54000LV-00-03	1
9	Pull rod	SZ6110T.540011	1				
10	Washer 8-Zn.D	GB/T7244-1987	6				
11	Washer 8-Zn.D	GB/T97.1-2002	4				
12	Fan cowl	SZ6108T.540000-3LV-000	1				
		SZ1204.47.166					
13	Gasket	SZ4105ZT.54.102	2				
14	Water outlet hose, radiator	GB/T5783-2000	1				
15	Bolt M10×40-Zn.D	GB/T93-1987	4				
16	Washer 10-Zn.D		4				

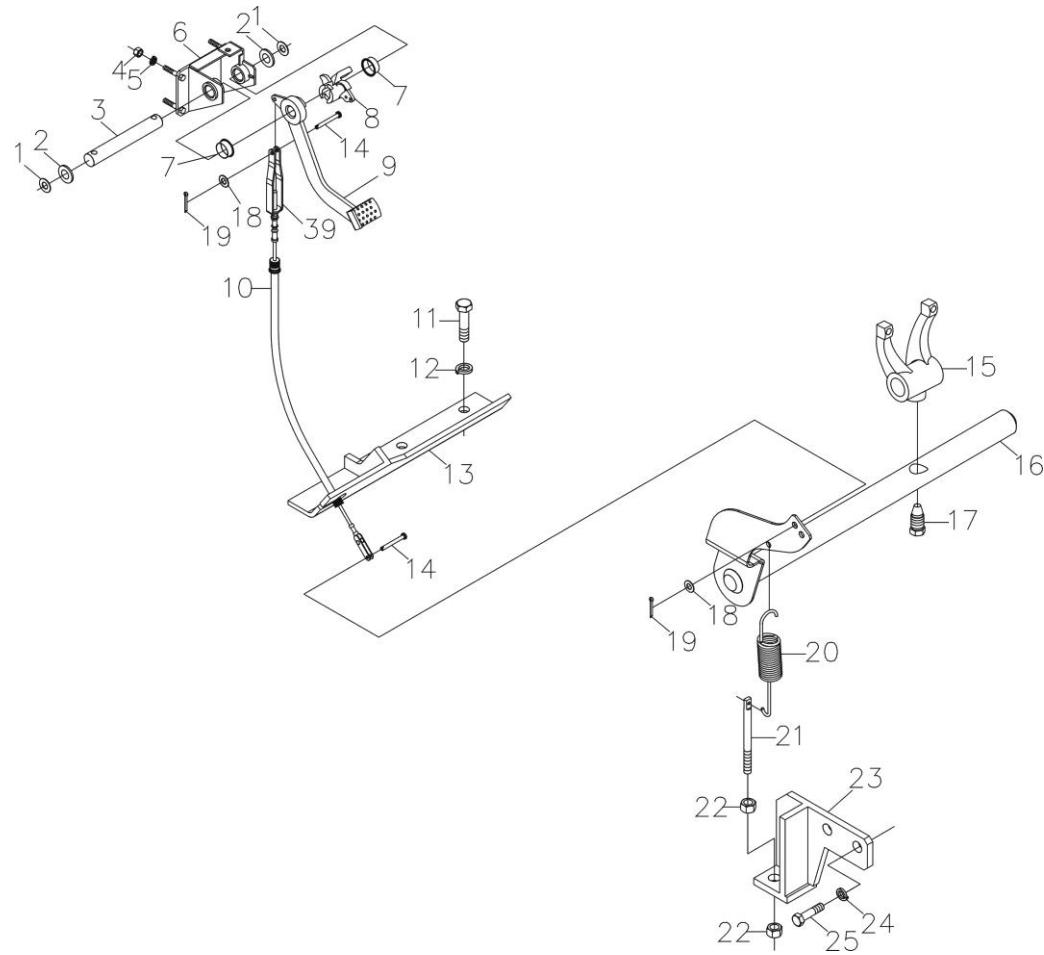
20 Throttle control mechanism-choke



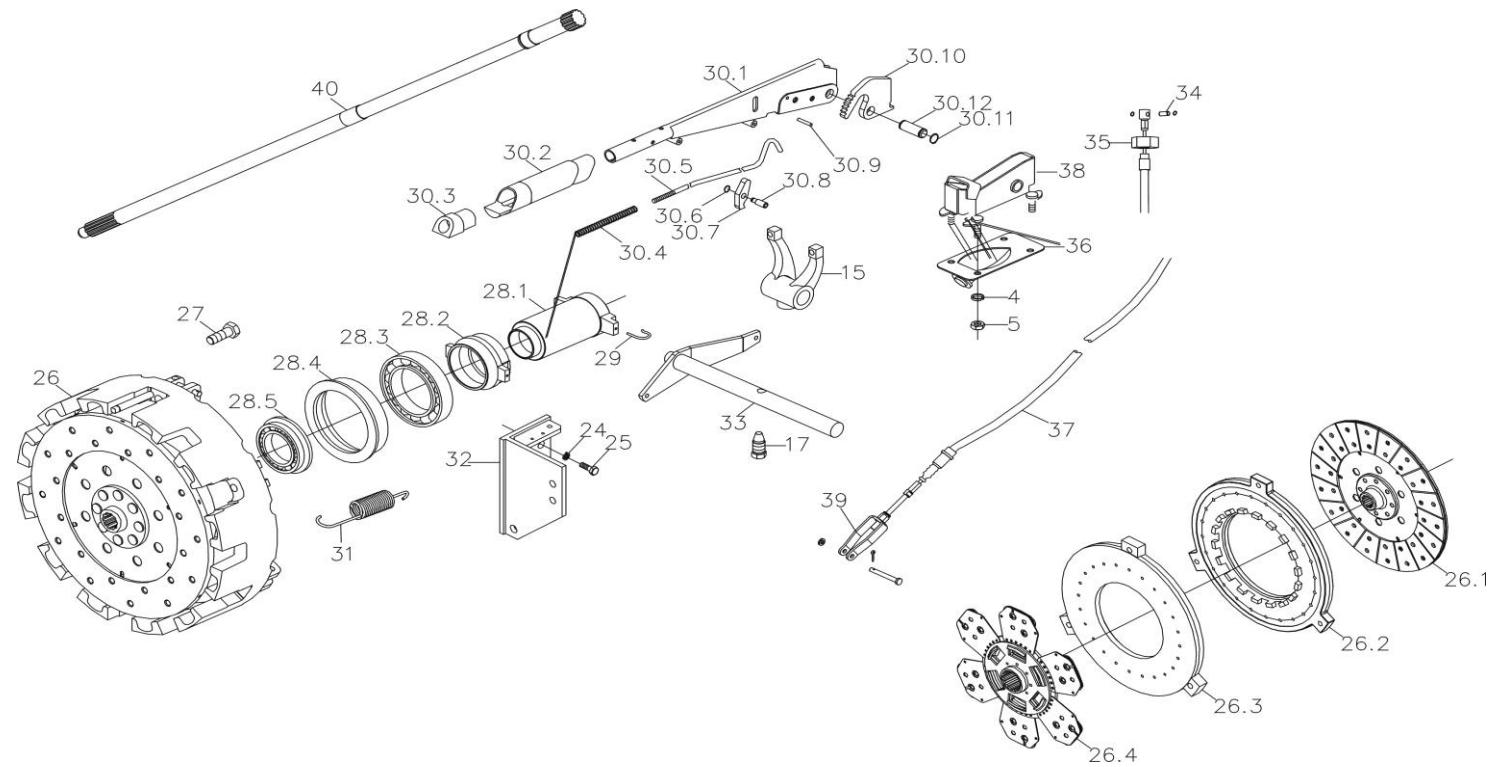
20 Throttle control mechanism-choke

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Screw M5×10	GB/T65-1985	2	18	Bushing, spring, hand throttle control	5133911/1.10.055B	1
2	Fixed clip	1604.20.102-1	2	19	Spring, hand throttle control	5105248/1.10.056	1
3	Washer 6-Zn.D	GB/T97.1-2002	2	20	Cylindrical pin B5×20	GB91-86	1
4	Cotter pin 2×12	GB/T91-2000	2	21	Control lever linkage, hand throttle	5129632/1.10.053	1
5	Bracket, cable	SZ1304.20.101	1	22	Clutch plate, hand throttle control	5153009/1.10.055	1
6	Washer 8-Zn.D	GB/T93-1987	2	23	Support assembly, control lever, hand throttle	1604.20.017	1
7	Bolt M8×20-Zn.D	GB/T5783-2000	2	24	Cover plate, support, hand throttle control	5140157/1.10.032B	1
8	Cable assembly, hand fuel cut-off	1.10.352/881001003	1	25	Hole blockage, seat, hand throttle	5140164/1.10.040	1
9	Cable assembly, foot throttle	SZ1304.20.011	1	26	Component, handle, hand throttle control	5140158/1.10.052	1
10	Cable assembly, hand throttle	SZ1304.20.012	1	27	Washer 5-Zn.D	GB/T93-1987	5
11	Rubber sleeve	880801052/1.10	1	28	Screw M5×20	GB/T65-1985	5
12	Throttle pedal unit	LG1304.20.014	1	29	Circlip 6	GB/T894.1-1986	4
13	Spiral spring pin 4×24	12216/13938070	2	30	Pin, control lever, hydraulic fast rise-fall	5128637/1.10.066	2
14	Washer 14-Zn.D	GB/T848-1985	2	31	Button, control push rod, hydraulic fast rise-fall	5128641/1.10.064	1
15	Throttle rocker unit	LG1304.20.013	1				
16	Nut M14×1.5-Zn.D	GB/T 889-2000	1	32	Spring, control lever, hydraulic quick lift	5128638/1.10.067	1
17	Washer, hand throttle control	5133910/1.10.055A	1	33	Hydraulic quick lift control lever unit	1604.20.015-1	1

21 Clutch assembly



21 Clutch assembly



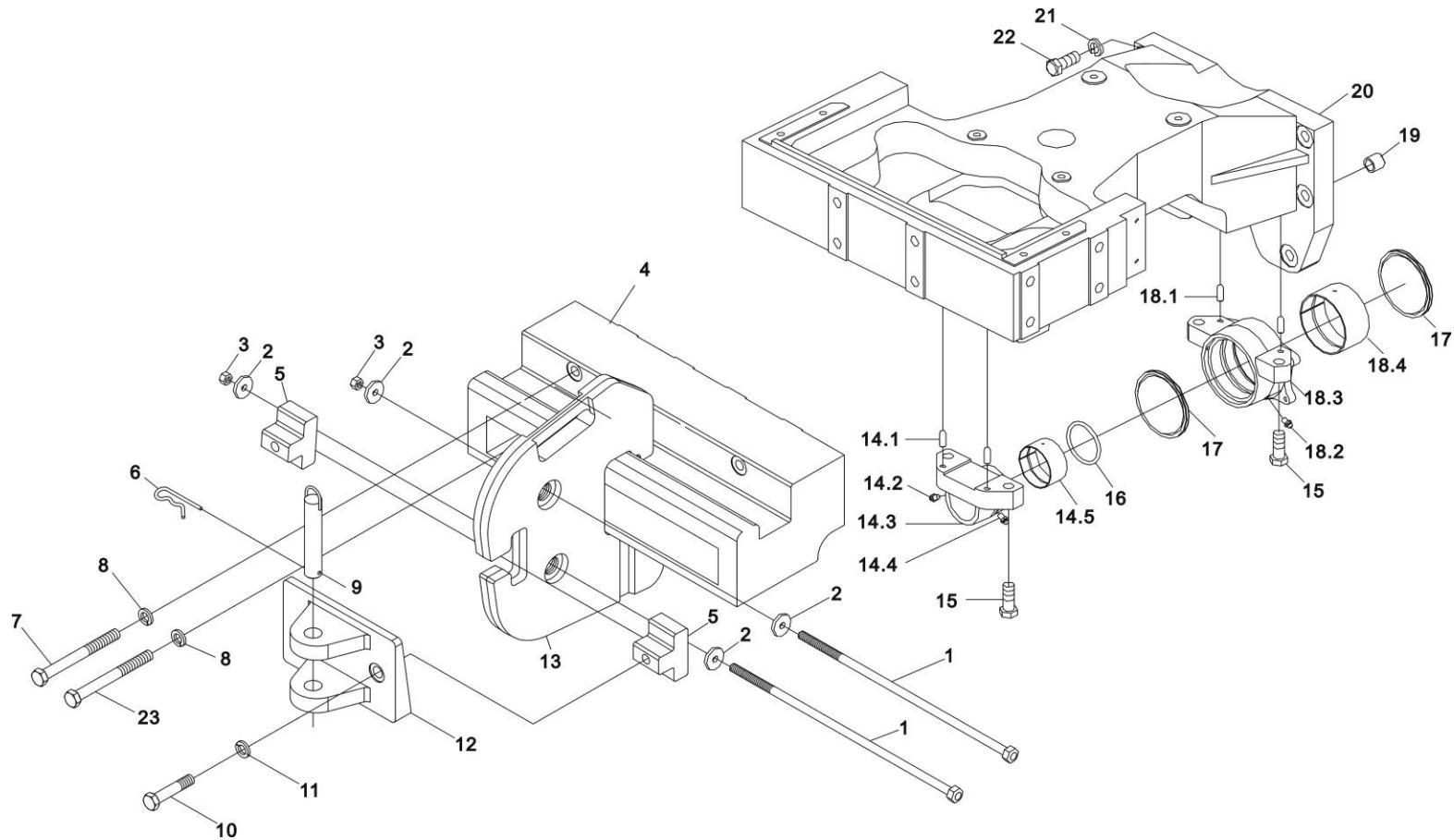
21 Clutch assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Circlip 22	GB/T894.1-1986	2	21	Adjusting screw	SZ1004.21A.105	1
2	Washer, pin, pedal	4997848/1.26.033	2	22	Nut M12-Zn.D	GB/T 6170-2000	2
3	Shaft, pedal, clutch	LG1504.21A.112	1	23	Welded connecting plate unit	1204-1.21.010	1
4	Nut M8-Zn.D	GB/T 6170-2000	8	24	Washer 12	GB/T93-1987	6
5	Washer 8	GB/T 93-1987	8	25	Bolt M12×1.25×25	GB/T5786-2000	6
6	Support unit, pedal	1204-1.21.012	1	26	12" LUK clutch (imported)	SZ1204.21.030	1
7	Bushing, pedal	5110554/1.26.035A	2	26.1	Driven disc , auxiliary clutch	L-03031-0G03-00	1
8	Drive link unit, pedal	1604.21.017	1	26.2	Compressing disc, auxiliary clutch	L-02103-0732-12	1
9	Welded pedal unit, clutch	1204-1.21.016	1	26.3	Compressing disc, master clutch	L-02103-0733-00	1
10	Control cable assembly, main clutch	1204-1.21.111-1A	1	26.4	Driven disc , main clutch	L-03031-0G05-00	1
11	Bolt M10×1.25×25	GB/T5786-2000	1	27	Bolt M10×1.25×50	GB/T5785-2000	6
12	Washer 10	GB/T93-1987	2	28.1	Release sleeve, clutch	1004.21A.101	1
13	Welded fixing bracket, cable	1204-1.21.015	1	28.2	Seat, thrust bearing, PTO	1004.21A.102	1
14	Shaft, Pin B6×20	GB/T 882-1986	3	28.3	Bearing 80115	GB278-89	1
15	Release fork, main clutch	4986166/1.26.213	2	28.4	Thrust collar, clutch, PTO	5106564/1.26.530	1
16	Shaft unit, release fork, main clutch	SZ1204.21A.041	1	28.5	Release thrust bearing, clutch	5136682/1.26.215	1
17	Screw, release fork, main clutch	4968813/1.26.225	2	29	Spring, release fork	44011615/1.26.224	4
18	Washer 6-140HV	GB/T97.1-2002	3				
19	Cotter pin 2×12	GB/T91-2000	3				
20	Return spring, cable, main clutch	1204.21A.409-1	1				

21 Clutch assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
30.1	Control lever unit, auxiliary clutch	8A5128449/1.26.502	1	31	Spring	1204.21A.405	1
30.2	Handle	885128431/1.67.220	1	32	Welded bracket unit, auxiliary clutch cable	1204-1.21.011	1
30.3	Button assembly, handle, auxiliary clutch	5131448/1.26.521	1				
30.4	Spring, button, handle	5105729/1.67.253	1	33	Release fork shaft unit, clutch, PTO shaft	SZ1204.21A.042	1
30.5	Control lever, limit detent	5128713/1.26.508	1				
30.6	Circlip6	GB894.1-86	1	34	Pin, cable, auxiliary clutch	4998004/1.26.504	1
30.7	Limit detent, parking	5110155/1.67.223	1	35	Cable ring nut	5126325/1.26.518	1
30.8	Pin, limit detent	5131437/1.67.260	1	36	Bracket unit (RR), cable	MG600.21.011	1
30.9	Rivet, limit detent	4985127/1.67.227	1	37	Control cable assembly, auxiliary clutch	1204-1.21.112A	1
30.1	Locating sector plate, auxiliary clutch lever	SZ1204.21.161	1	38	Support assembly, control lever, auxiliary clutch	MG600.21.023	1
	Sector plate						
30.11	Circlip 14	GB894.1-86	2	39	Clevis, release cable adjustment	SZ804.21.507	1
30.12	Pin, parking brake lever	4988275/1.67.208	1	40	Shaft, clutch, PTO	1204.21A.301	1

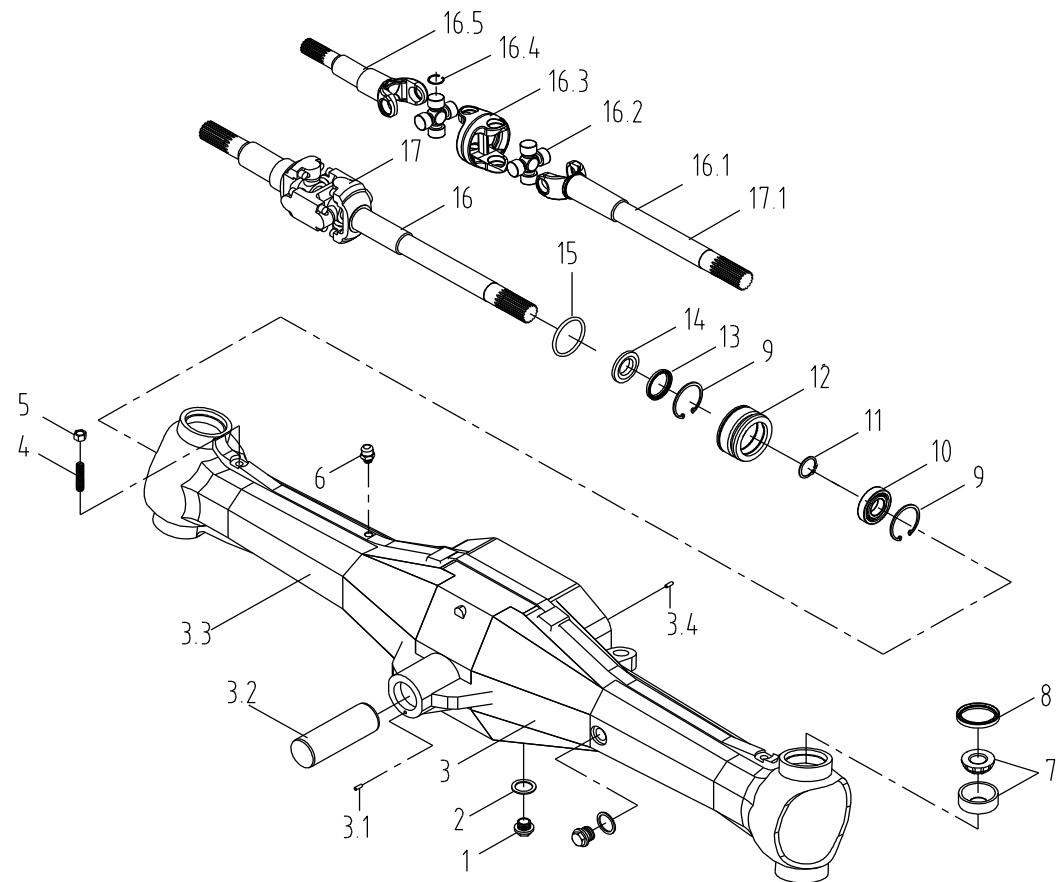
30 Carrier (FR)-ballast bracket assembly (FR)



30 Carrier (FR)-ballast bracket assembly (FR)

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Counterweight bolt units	SZ1304.74.021	2	14.3	Support (FR), rocking pin, front axle	5140451/1.21.138	1
2	Washer	SZ804.74.103	8	14.4	Grease relief valve	13411117/14649	1
3	Nut M16×1.5	10790524/10112	2	14.5	Bushing (FR), rocking pin, front axle	101112/1.21.194	1
4	Counterweight bracket (FR)	SZ1304.74.105	2	15	Self-locking Bolt M16×1.5×65	14272031/10357/03	4
5	Traction distance piece	SZ1304.74.103	2	16	O-ring 53×5.3	GB 3452.1-82	1
6	Locking pin	1604.35.101	4	17	Oil seal (D=99×155×7.5)	5140455/1.21.142	2
7	Bolt M18×100-Zn.D	GB/T5782-2000	4	18	Support unit (RR), rocking pin, front axle	5140454/1.21.142	1
8	Washer 18-Zn.D	GB/T7244-1987	6	18.1	Dowel pin φ10	10837710/12506	2
9	Welded traction pin unit (RR)	1604.35.016	2	18.2	Oil cup Z1/8"	YTQ016-87	1
10	Bolt M20×100-Zn.D	GB/T5783-2000	2	18.3	Support (RR), rocking pin, front axle	5140453/1.21.139	1
11	Washer 20-Zn.D	GB/T7244-1987	2	18.4	Bushing (RR), rocking pin, front axle	5129385/1.21.195	1
12	Drawbar frame (FR)	SZ1304.74.102	1	19	Hollow dowel pin	5130081/1.21.193	2
13	Counterweight (FR)	SZ1304.74.101	10	20	Bracket (FR)	1204-1.30.101-1	1
14.1	Dowel pin φ10	10837710/12506	2	21	Washer 18-Zn.D	GB 7244-87	6
14.2	Oil cup Z1/8"	YTQ016-87	1	22	Bolt M18×1.5×80	1594831/10312	6
				23	Bolt M18×125-Zn.D	GB/T5782-2000	2

31 Front axle assembly

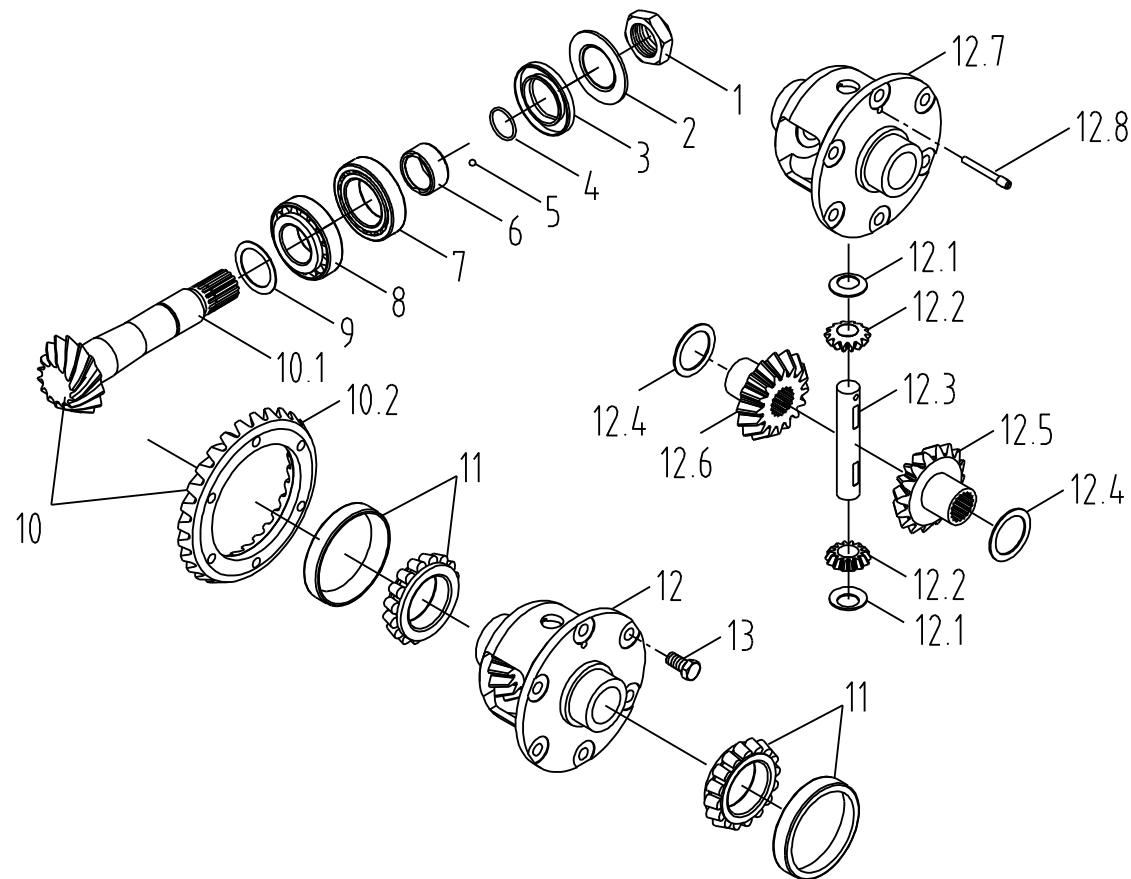


31 Front axle assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
	Front axle assembly	SZ1004.31E.001	1	12	Bearing seat, half axle	4996755/1.40.038	2
1	Screw plug M22×1.5	10305114/14530	2	13	Oil seal FB 40×62×10	5136002/1.41.538	2
2	Composite seal washer 22	JB 982-77	2	14	Thrust Collar, oil seal, half axle	4996762/1.41.537	2
3	Axle housing unit	20101010044	1	15	O-sealing ring 80×2.62	4966231/1.40.023	2
3.1	Dowel pin 5×15	4966244/1.41.016	1	16	Cardan shaft assembly (RH)	8A5142040/20	1
3.2	Rocking pin, front axle	11/5140017	1	17	Cardan shaft assembly (LH)	8A5142043/20	1
3.3	Axle housing	30101030013	1				
3.4	Dowel pin 10×20	4988170/1.40.021	2	16.1	Long fork shaft (RH)	8A5142040-1/20	1
4	Limit screw M12×1.25×55	5100194/1.40.045	2	17.1	Long fork shaft (LH)	8A5142043-1/20	1
5		14048814/10128	2	16.2	Spider	8A5142040-4/20	1
6	Nut M12×1.25	13413290/24628	1	16.3	Double fork	8A5142040-2/20	1
7	Breather plug assembly	5119699/1.40.240	4	16.4	Circlip	8A5142040-6/20	8
8	Ball pivot pair, kingpin	5121471/1.40.232	4	16.5	Short fork shaft	8A5142040-3/20	1
9	Sealing ring	11068376/12245	2				
10	Circlip 35	GB/T 276-1994	2				
11	Bearing 6007 (35×62×14) Circlip 62	11061076/12246	4				

Note: Parts except left and right long fork shafts belong to left and right universal drive shaft assemblies respectively and their quantities equal to those of individual assemblies.

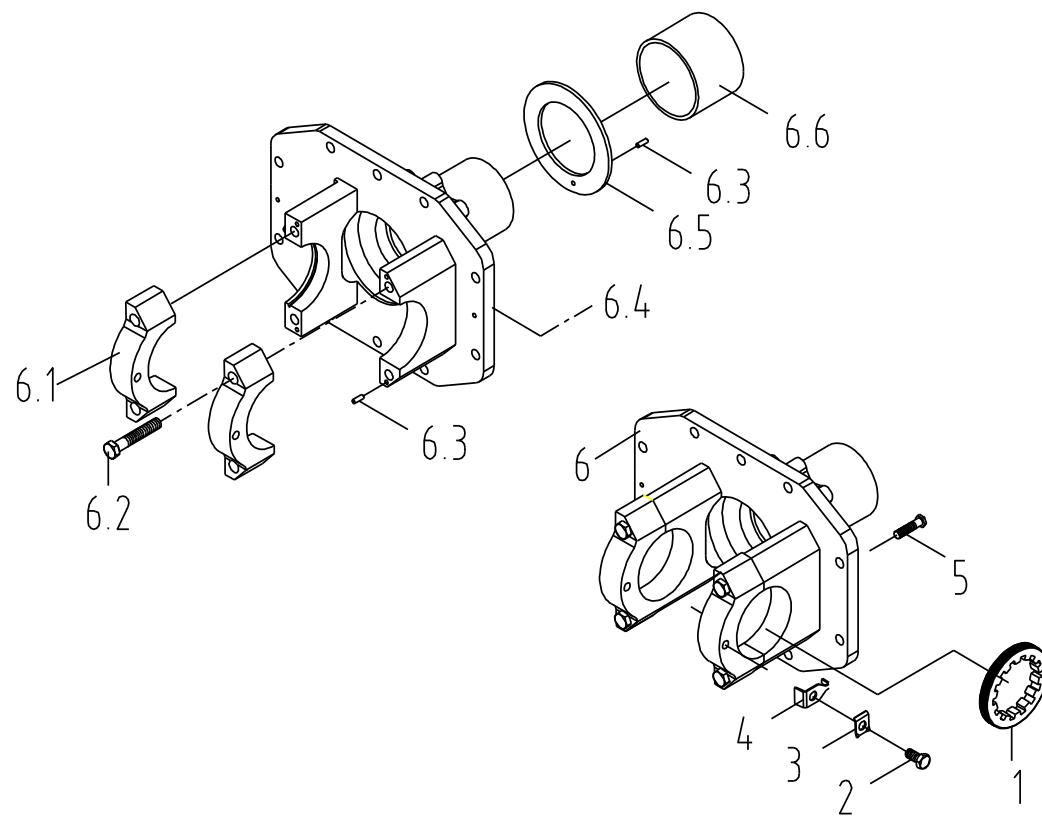
31 Front axle assembly



31 Front axle assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Locking nut	5143242/16	1	12	Differential assembly	5117219/1.41	1
2	Collar, oil seal	4997451/1.41.143	1	12.1	Thrust washer, planetary gear	4987975/1.32.425	2
3	Oil seal 45×75×10	5135294/16	1	12.2	Planetary gear	885103870/1.32.415B	2
4	O-sealing ring 31.5×1.8	GB/T 3452.1-1992	1	12.3	Shaft, pinion, differential	5148935/1.32.416	1
5	Steel ball 6.35	GB/T 308-1994	1	12.4	Thrust washer, side gear 1.6 mm	5148936/1.32.424	2
6	Oil seal ring, shaft, bevel pinion	5142026/16	1		Thrust washer, side gear 1.8 mm	5148937/1.32.424	
7	Rear bearing	5133776/16	1		Thrust washer, side gear 1.7 mm	5148938/1.32.424	
8	Bearing (FR)	5143109/16	1	12.5	Side gear (LH)	885103868/1.32.413	1
9	Adjusting washer 3.0mm	5142032/16	1	12.6	Side gear (RH)	885110716/1.41.502	1
10	Bevel gear pair 13/43	20105010060	1	12.7	Carrier, differential	4996747/1.41.402	1
10.1	Shaft, bevel pinion	5142248/16	1	12.8	Dowel	4987976/1.32.428	1
10.2	Bevel gear wheel	5140753/16	1	13	Bolt M12×1.25×25	14274434/10357/04	8
11	Bearing 32012 (60×95×23)	GB/T 297-1994	2				

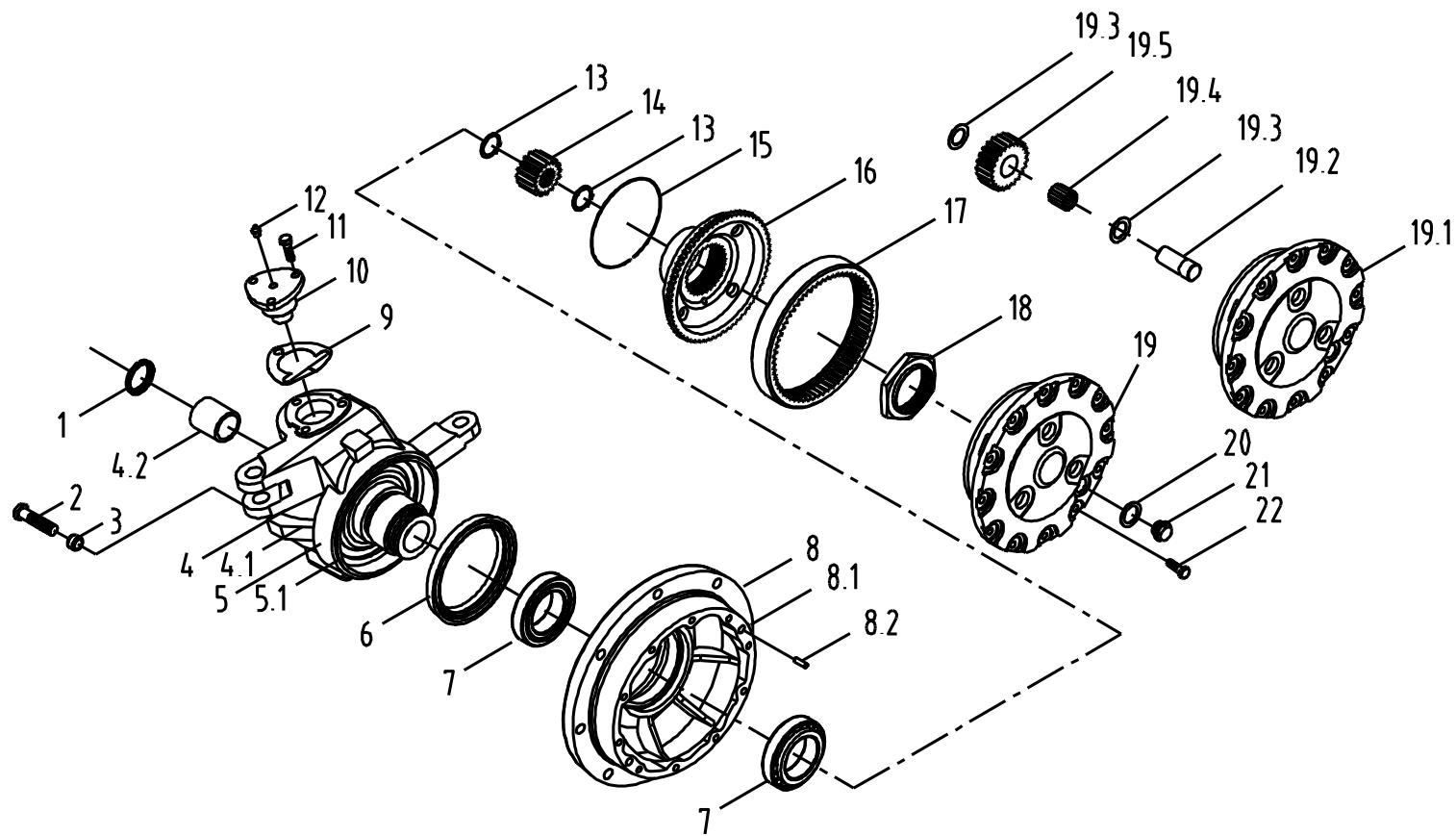
31 Front axle assembly



31 Front axle assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Adjusting nut M100×2×13	4996750/1.41.008	2				
2	Bolt M10×1.25×20	GB/T 5786-2000	2				
3	Locking plate, adjusting Nut	562659/1.41.032	2				
4	Stop plate, adjusting nut	4996751/1.41.015	2				
5	Locking bolt M12×1.25×35	14274634/10357/04	10				
6	Support unit, bevel drive	5144526/15	1				
6.1	Locking bolt M12×1.25×70	14275334/10357/04	4				
6.2	Bearing cap, support, bevel drive	4996748/1.41.005	2				
6.3	Dowel pin 5×15	4966244/1.41.016	5				
6.4	Support, bevel drive	5144525/15	1				
6.5	Anti-friction ring (RR)	5136119/15	1				
6.6	Axle seat, support, bevel drive	5136120/15	1				

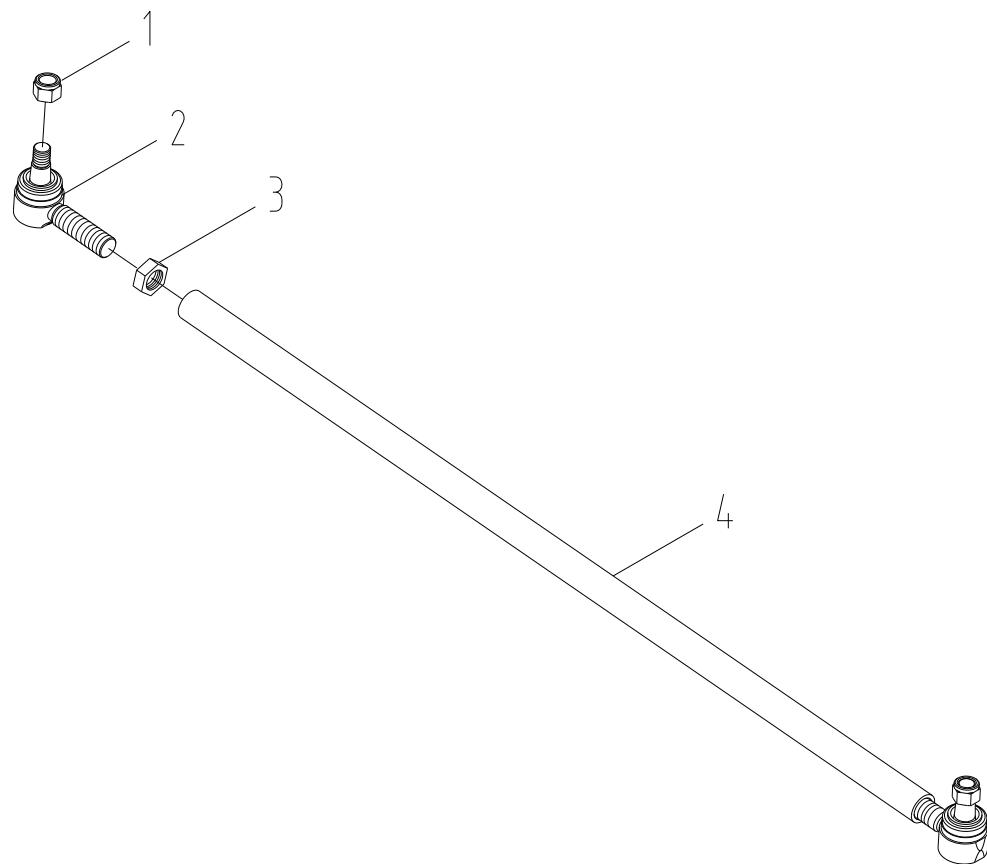
31 Front axle assembly



31 Front axle assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
	Hub reductor assembly (LH)	1004.31.013	1	12	Oil cup M10×1	GB/T 1152-89	2
	Hub reductor assembly (RH)	1004.31.012	1	13	Circlip for shaft 30	5140018/20	2
1	Oil seal, drive fork shaft 42×62×17	8A5133799/1.41.539	1	14	Sun gear	5137107/20	1
2	Limit bolt M12×1.25×42	5126628-FT/1.40.211	1	15	Baffle ring, ring gear	4997571/1.41.549	1
3	Spacer	5148495-FT/12	1	16	Support, ring gear	5142047/20	1
4	Steering knuckle unit (LH)	1004.31.028	1	17	Ring gear	5108749/1.41.543	1
4.1	Steering knuckle (LH)	5142002-FT/12	1	18	Nut, support, ring gear	5142020/12	1
4.2	Bushing, steering knuckle	5104199/1.40.228	1	19	Planet carrier unit	5137724/20	1
5	Steering knuckle unit (RH)	1004.31.026	1	19.1	Planet carrier	5137689/20	1
5.1	Steering knuckle (RH)	5142001-FT/12	1	19.2	Shaft, planetary gear	4997509/1.41.547	3
4.2	Bushing, steering knuckle	5104199/1.40.228	1	19.3	Bearing retainer, planet gear	4997510/1.41.552	6
6	Bolt, wheel hub 165×190×17	8A5137109/12	1	19.4	Needle bearing	5101693/1.41.546	3
7	Bearing, wheel hub (FR)	5136951/12	1	19.5	Planetary gear	5108747/1.41.545	3
8	Hub unit with dowel pin	5142014/13	1	20	Composite seal washer22	JB 982-77	1
8.1	Hub, traction wheel (FR)	8A5142013/13	1	21	Screw plug M22×1.5	10305114/14530	1
8.2	Dowel pin 12×20	4985063/1.21.067	2	22	Bolt M10×1.25×30	14233634/10357/04	12
9	Adjusting shim 0.15mm	5137457/12	As required				
	Adjusting shim 0.20mm	5137458/12	As required				
	Adjusting shim 0.30mm	5137460/12	As required				
10	Kingpin, steering knuckle	5137239/12	2				
11	Bolt M12×1.25×30	14274534/10357/04	6				

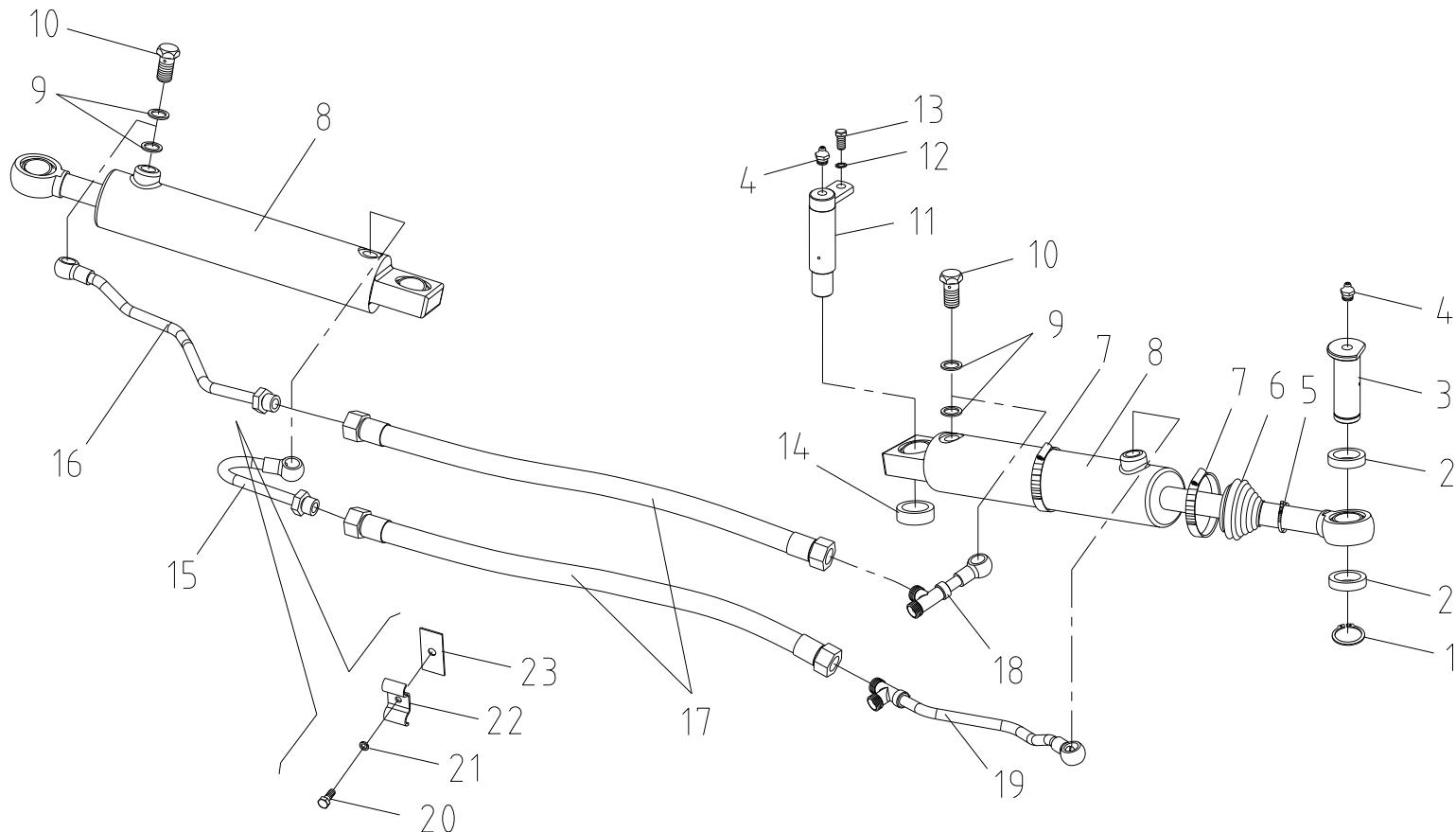
31 Front axle assembly



31 Front axle assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Tie rod assembly	02011601A007	1				
1.1	Locking nut M18×1.5	12576014/10125	2				
1.2	Ball joint assembly	02012501A007	1				
1.3	Thin lock nut M24×1.5	10726914/10114	1				
1.4	Tie rod unit	02011601A011	1				

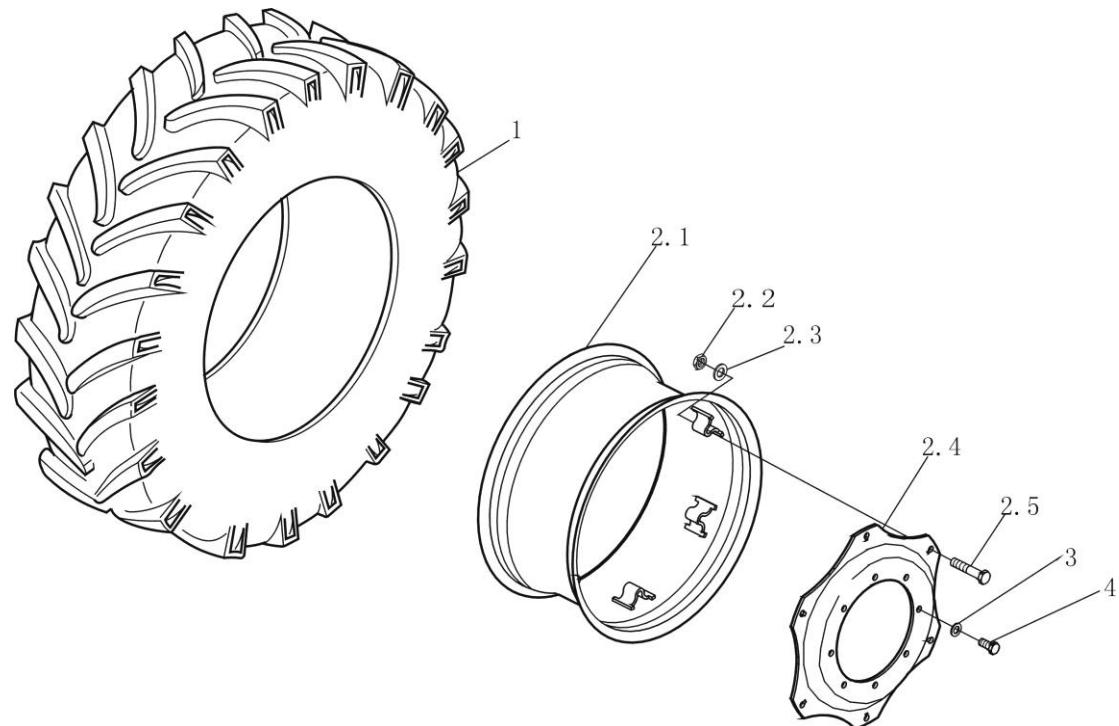
31 Front axle assembly



31 Front axle assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
	Steering cylinder assembly	20117030033	1	13	Bolt M8×16	GB 5783-86	2
1	Circlip 20	11066870/12245	4	14	Spacer, pin, cylinder	5142223/22	2
2	Washer, pin, cylinder	5100730/1.63.589	2	15	Steering oil pipe assembly (RH), cylinder (LH)	20121020046	1
3	Pin, cylinder	5111572/1.63.584	2	16	Steering oil pipe assembly (LH), cylinder (LH)	20121020047	1
4	Oil cup M10×1	GB 1152-79	2	17	Hose (D=8×470), cylinder	5145419A/22	2
5	Plastic cable tie	31114010088	2	18	Steering oil pipe assembly (LH), cylinder (RH)	5139048A/22	1
6	1004 cylinder jacket	31701000040	2	19	Steering oil pipe assembly (RH), cylinder (RH)	20121020045	1
7	Hoop (Φ51~Φ70)	JK-3X	4	20	Bolt M6×16	GB/T 5783-1986	2
8	Steering cylinder	5142046/22	2	21	Spring washer 6	GB/T 7244-1987	2
9	Composite seal washer 14	JB 982-77	8	22	Oil pipe clamp	1.63.583/4999554	2
10	Hollow bolt M14	10184314/14256	4	23	Support plate	1.63.22/5138294	2
11	Pin assembly, cylinder	5142048/22	2				
12	Washer 8	GB 7244-87	2				

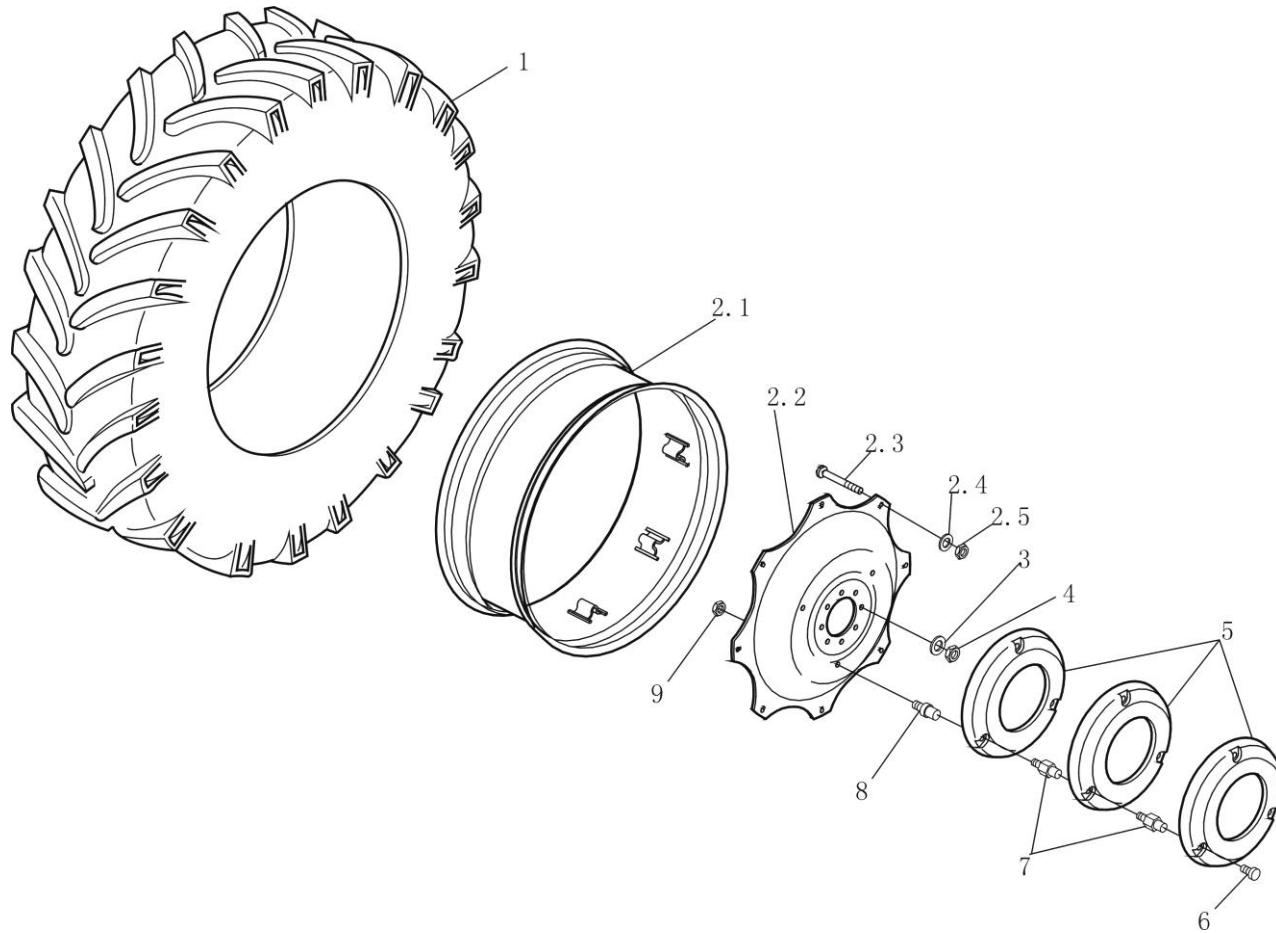
32 Front drive assembly



32 Front drive assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Inner tube & outer cover, 14.9-26	GB 2979-91	2				
2	Hub unit, traction wheel	1204.32.010	2				
2.1	Welded hub unit, traction wheel (W13-26)	1204.32.102	2				
2.2	Nut M16×1.5-Zn.D	GB 6171-86	12				
2.3	Washer, spoke	4986961/1.49.440	12				
2.4	Spoke, traction wheel (FR)	1204.32.101	2				
2.5	Bolt, rim & spoke	5112385/1.49.541	12				
3	Washer, spoke	4986961/1.49.440	16				
4	Bolt M16×1.5×45	14258304/10357/04	16				

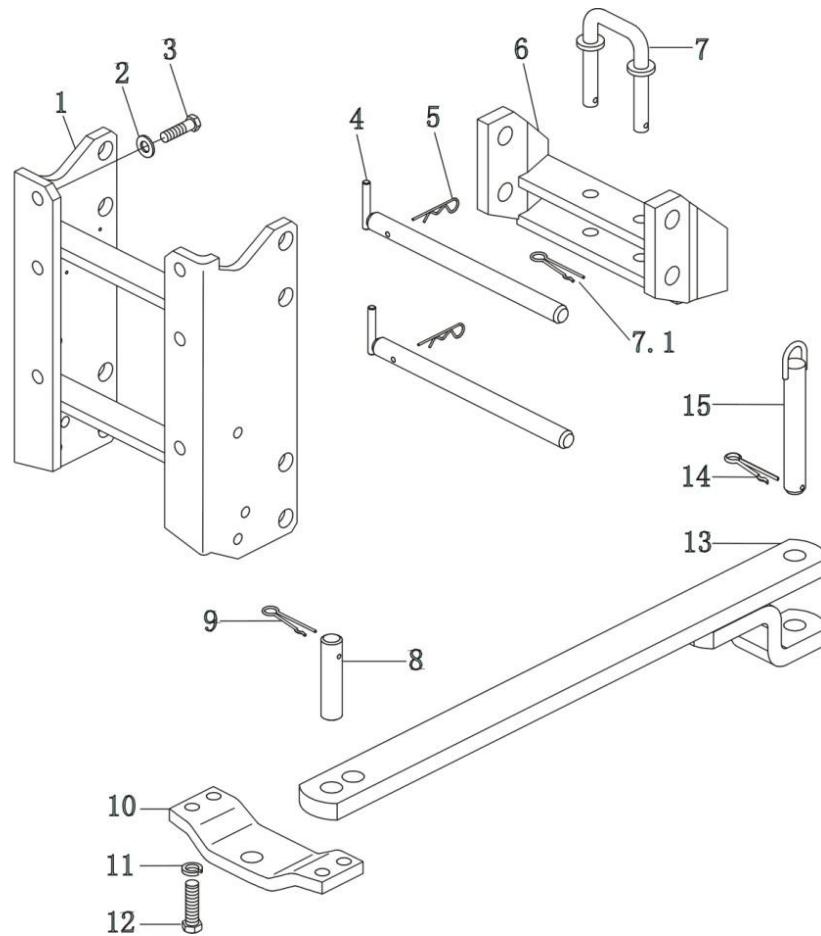
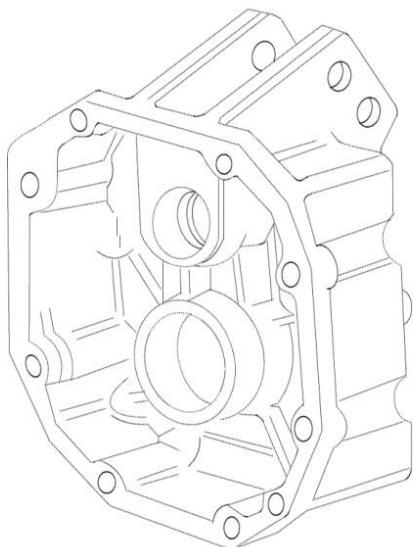
34 Rear drive assembly



34 Rear drive assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	18.4-38 Inner tube & outer cover	GB 2979-91	2				
2	Hub unit, traction wheel	885132490/1.49.502	2				
	W15L×38						
2.1	Welded rim unit	885132488/1.49.505	2				
	W15L×38						
2.2	Spoke, traction wheel	885125703/1.49.507	2				
2.3	Bolt, rim & spoke	5131725/1.49.514A	2				
2.4	Washer, spoke	4986961/1.49.440	16				
2.5	Nut M16×1.5-Zn.D	GB 6171-86	16				
3	Washer	44011091/1.49.540	16				
4	Nut M18×1.5-Zn.D	GB 6171-86	16				
5	Counterweight disc, traction wheel	SZ804.74A.502	6				
6	Bolt	GB 5785-86	6				
	M16×1.5×35-Zn.D						
7	Socket bolt, counterweight disc	44018047/1.49.726	12				
8	Socket bolt, counterweight disc	44018046/1.49.723	6				
9	Nut M16×1.5-Zn.D	GB 6171-86	6				

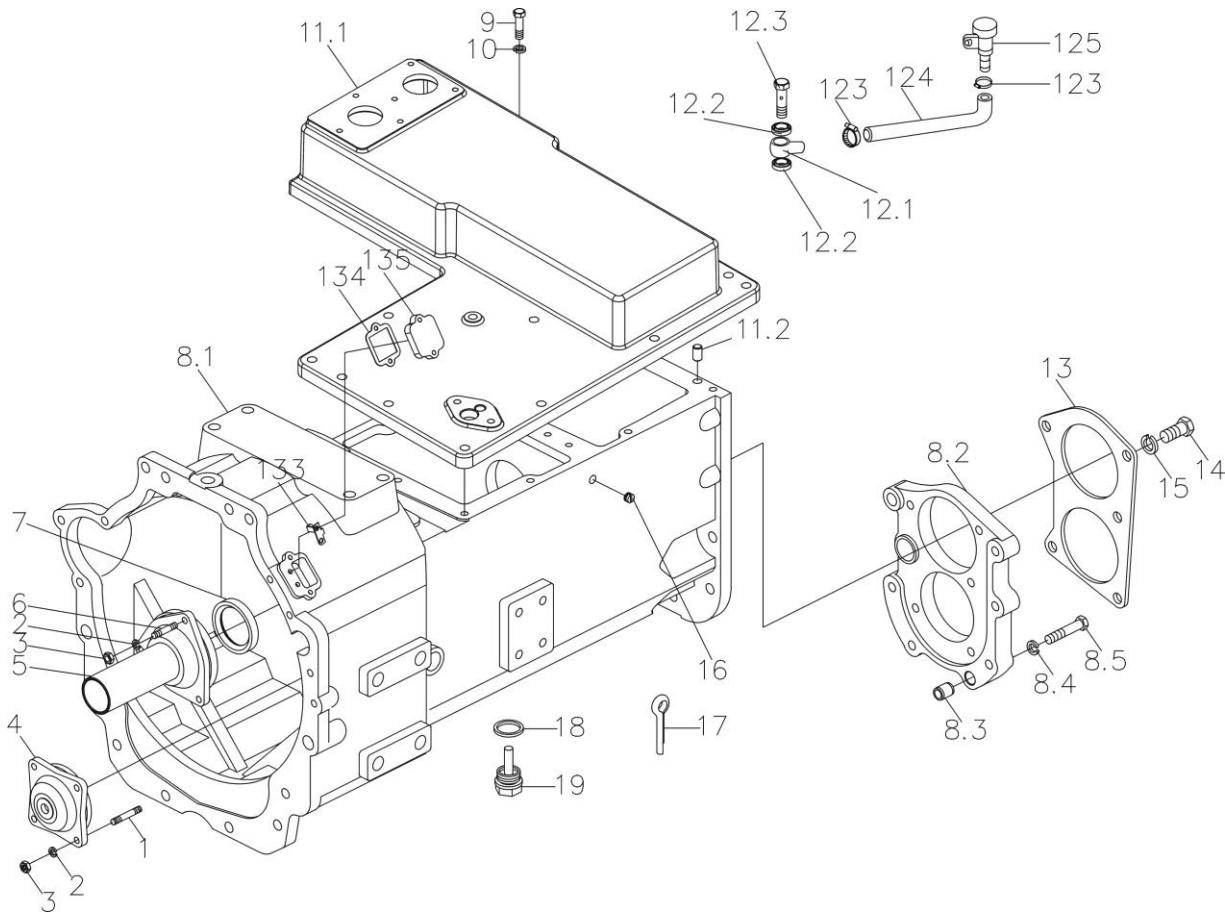
35 Tilting drawbar



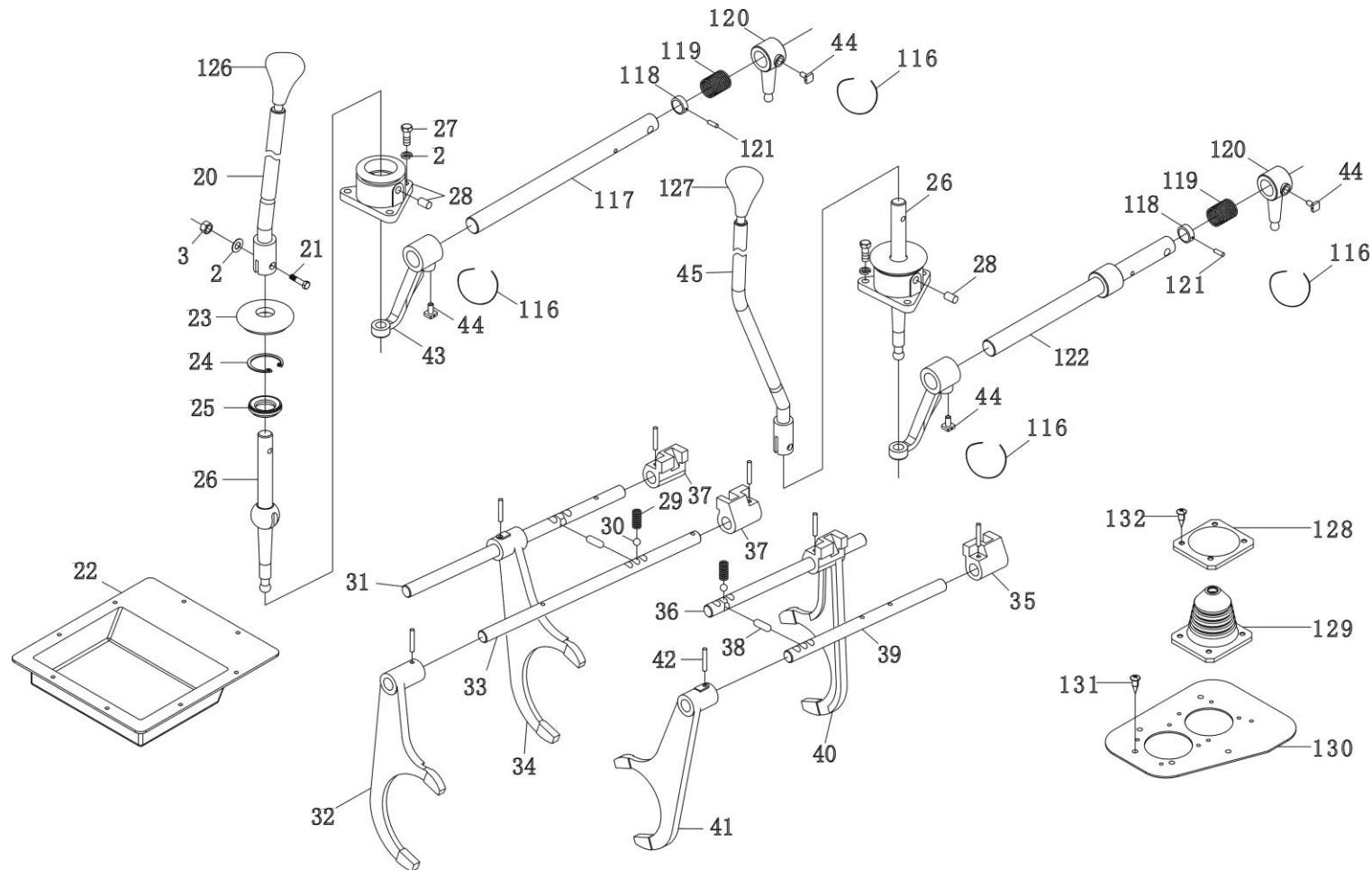
35 Tilting drawbar

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Suspension and drawbar bracket	5131798/1.89.008	1	8	Connecting pin (FR), drawbar	4996898/1.89.023	1
2	Lock washer 18-Zn.D	GB7244	6	9	Locking pin, link (LWR)	88578668/1.89.961	1
3	Bolt M18×1.5×55	GB5786	6	10	Connecting support (FR), drawbar	5132036/1.89.022	1
4	Pin assembly, drawbar cross beam	4996915/1.89.026	2	11	Washer 18-Zn.D	GB93	4
5	Locking pin	44007661/1.82.445	2	12	Bolt M18×1.5×130	GB 5785-86	4
6	Drawbar cross beam assembly	4996905/1.89.006	1	13	Drawbar	5132052/1.89.002	1
7	Stop pin, drawbar	4996918/1.89.031	1	14	Cotter pin	5112606/1.89.961	1
7.1	Locking pin	4996920/1.89.051	1	15	Welded traction pin unit	SZ804.35.012	1

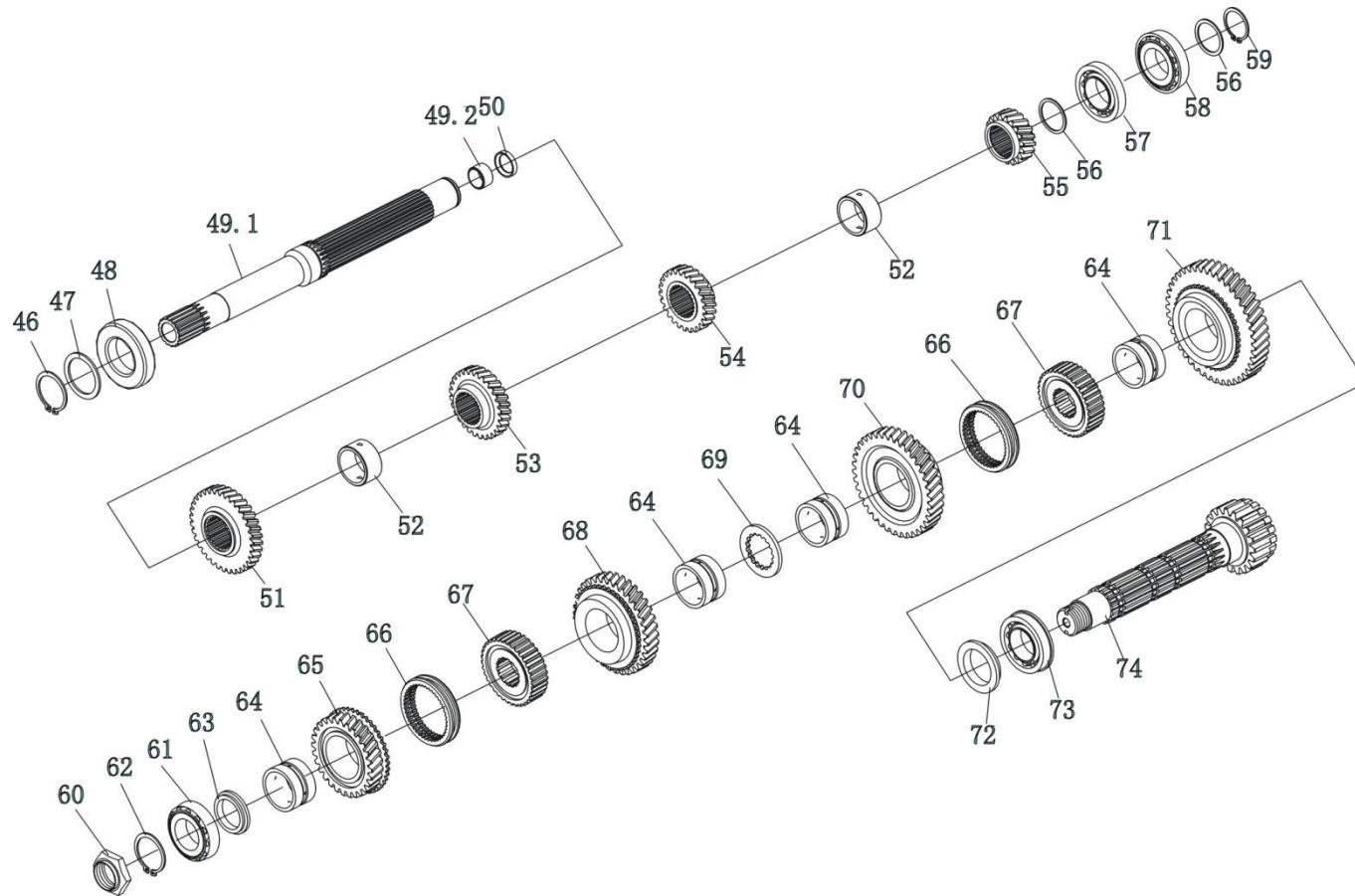
37 Transmission case assembly



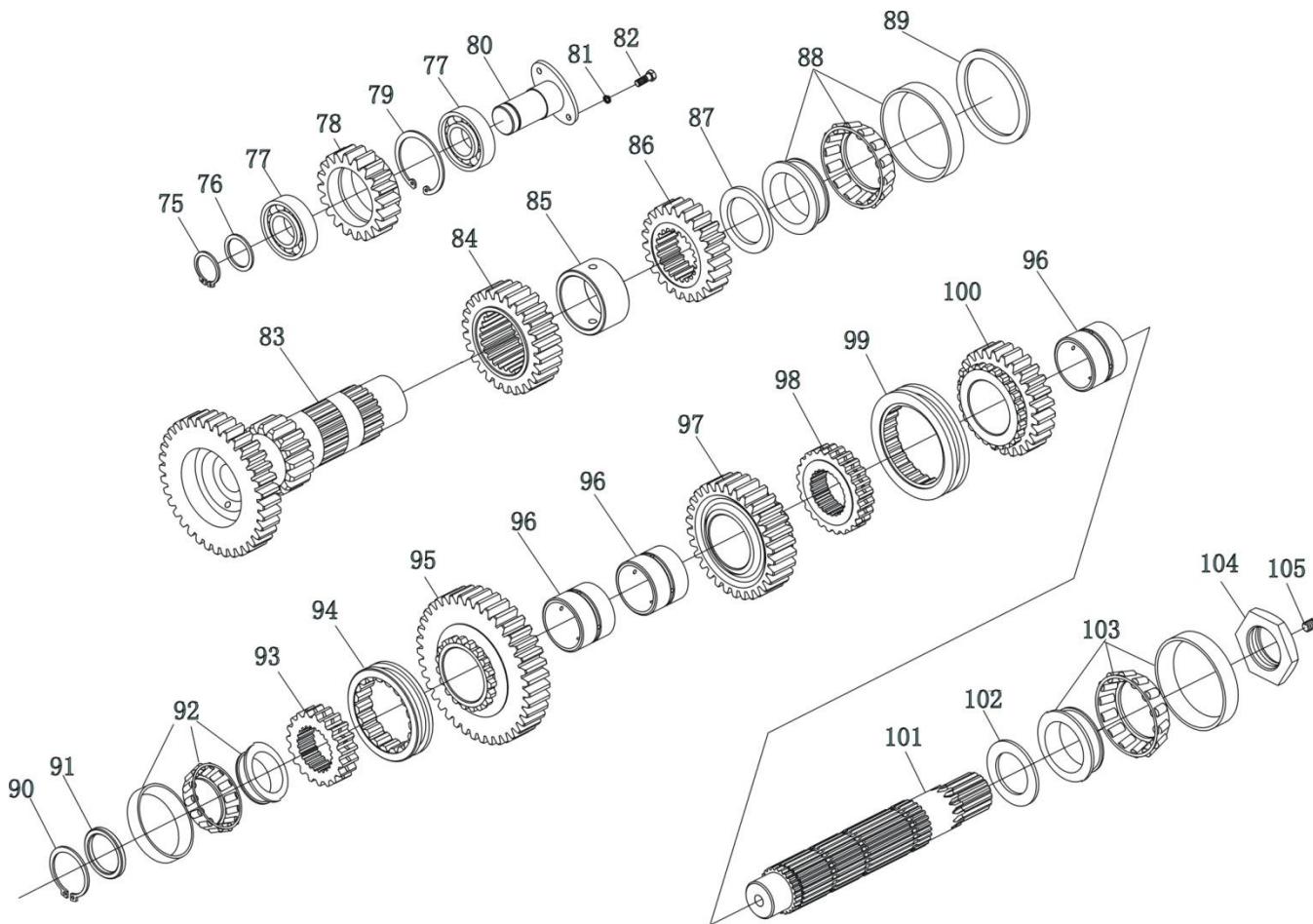
37 Transmission case assembly



37 Transmission case assembly (FR) (shift collar structure)



37 Transmission case assembly



37 Transmission case assembly (FR) (shift collar structure)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Stud	GB 898-88	4	12	Elbow connection, plug, drum breather	1604-1.37.112-1	1
	AGM8-M8×30-8.8-Zn.D				Hinged bolt	1604-1.37.117	1
2	Washer 8	GB/T 93-1987	15		Washer 20	JB/T982-1977	2
3	Nut M8-Zn.D	GB 6175-2000	7	13	Retainer, bearing, auxiliary transmission	1204.37.140-2	1
4	Bearing cap, driven shaft	1204.37.106	1	14	Bolt M12×1.25×35	GB 5786-86	5
5	Bearing cap, driving shaft	1204.37.105	1	15	Washer 12	GB 7244-87	5
6	Stud	GB 898-88	3	16	Slotted plug M12×1.25	10152314/14548	2
	AGM8-M8×35-8.8-Zn.D			17	Pin 6.3×26	GB 91-86	1
7	Oil seal FB55×75×12-F	GB9877.1-1988	1	18	Seal washer 22	JB982-77	1
8	Housing unit, transmission case (FR)	1204-1.37.011	1	19	Magnetic drain plug unit	885118991/1.21.030A	1
8.1	Housing, transmission case (FR)	1204-1.37.101	1	20	Welded auxiliary shift lever unit	1204-1.37.014	1
8.2	Bearing seat	1204.37.102-1	1	21	Bolt M8×45	GB/T 5782-2000	2
8.3	Locating sleeve	1204.37.103	2	22	Shield (LWR), cover (UPR), transmission	1204-1.37.113A	1
8.4	Washer 12	GB 7244-87	7	23	Sleeve, main shift lever	5129575/1.29.119A	2
8.5	Bolt M12×1.25×60	GB 5786-86	7	24	Circlip 40	GB 893.1-86	2
9	Bolt M10×1.25×35	GB 5785-86	11	25	Oil seal, master lever	4984223/1.29.195	2
10	Washer 10	GB 7244-87	11	26	Control lever (LWR), shift lever	1204-1.37.110	2
11	Cover unit (UPR), transmission			27	Bolt M8×25	GB 5782-2000	6
11.1	Cover (UPR), transmission	1204-1.37.102	1	28	Support unit, main shift lever	5127961/1.29.014	2
11.2	Dowel pin	4985063/1.21.067	2	29	Spring	884994342/1.29.031	4
				30	Steel ball 8.5	GB 308-89	4

37 Transmission case assembly (FR) (shift collar structure)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.
31	Slider, I-II	1204-1.37.104	1	49.1	Driving shaft	1204.37.104
32	Fork, III - IV	1204.37.166	1	49.2	Bush, driving shaft	4985057/1.28.137
33	Slider, III - IV	1204-1.37.105	1	50	Oil seal (RR), driving shaft 28×38×7	5106073/1.28.192
34	Fork, I-II	1204-1.37.114	1	51	Driving gear, IV	SZ1304.37.207
35	Shift head	8A5129522/1.29.004	1	52	Spacer	5131905/1.28.143
36	Slider, N-R	1204-1.37.107	1	53	Driving gear, III	SZ1304.37.205
37	Reverse shift rod (MID)	1204.37.185	2			
38	Interlock pin	5110264/1.29.041	2			
39	Slider, Hi-Lo	1204-1.37.106	1			
40	Reverse shift fork (MID)	1204-1.37.103	1			
41	Fork, Hi-Lo	1204.37.167	1			
42	Spiral spring pin 5×30	13907670/12215	7			
43	Shifting block, transfer, external control	1604-1.37.110	2			
44	Set screw, shifting block	LG1304.37.166	4			
45	Welded main shift lever unit	1204-1.37.013A	1			
46	Circlip 55	GB 894.1-86	1			
47	Adjusting shim, driving shaft	1204.37.145-154	As required			
		1204.37.189-192				
48	Bearing NUP211E(92211E)	GB/T283-1994	1			
49	Driving shaft unit	1204.37.012	1			

37 Transmission case assembly (FR) (shift collar structure)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
54	Driving gear, II	SZ1304.37.203	1	65	Driven gear weldment, IV	SZ1304.37.020	1
55	Driving gear, I	SZ1304.37.201	1	66	Shift collar, I,II,III&IV	1204.37A.106	2
56	Circlip, driving shaft	1204.37.115	2				
57	Cone bearing (RR), driving shaft	1204.37.116	1	67	Gear holder	1204.37A.105SZ	2
58	Cone Bearing 32209E(7509E)	GB 297	1	68	Driven gear, III	SZ1304.37.206	1
59	Circlip 45	11069076/12245	1	69	Retainer ring	5127573/1.28.131	1
60	Nut, driven shaft,	5123114/1.28.149	1	70	Driven gear, II	SZ1304.37.204	1
61	Bearing (FR), driven shaft	GB/T283	1	71	Driven gear, I	SZ1304.37.202	1
	NUP2208E(92508E)			72	Circlip, driven shaft	1204.37.120	1
62	Washer, locking plate	4998562/1.80.141A	1	73	Cone bearing (RR), driven shaft	1204.37.118	1
63	Retainer ring, driven gear, 1000 r/min	4998561/1.80.115	1	74	Driven shaft	1204.37.121-2SZ	1
64	Synchronizer sleeve	1204.37.119	4				

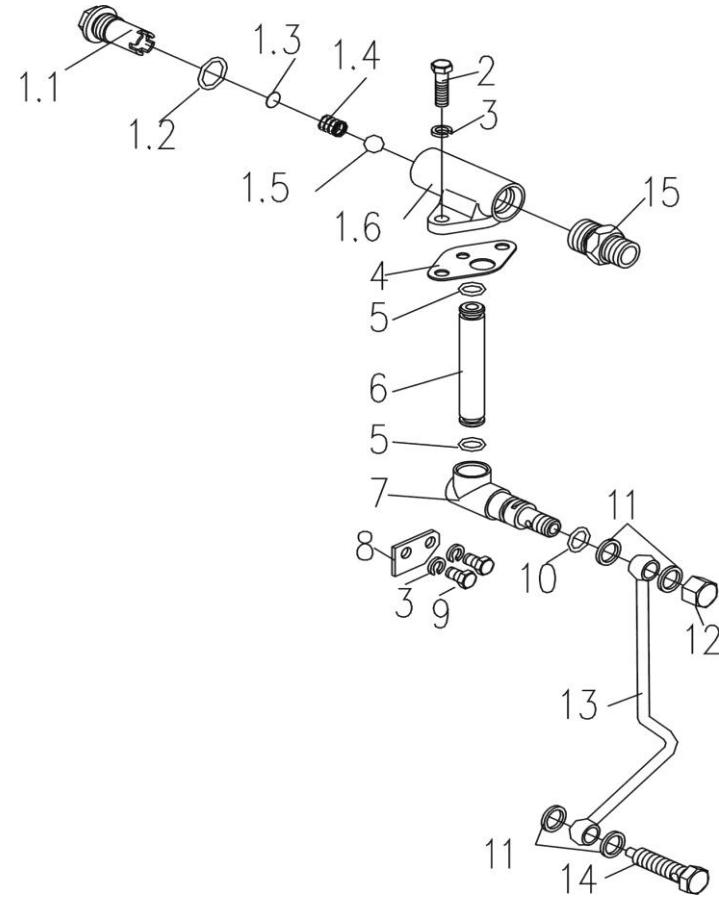
37 Transmission case assembly (FR) (shift collar structure)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
75	Retainer ring, shaft, reverse gear	1204.37.142	1	93	Gear retainer, Hi-Lo	1204.37.133-1SZ	1
76	Washer, reverse gear	1204.37.143	1	94	Shift collar, Hi-Lo	1204.37.124SZ	1
77	Bearing 6206E(206)	GB/T276-1994	2	95	Driven gear, low range	1204.37.129SZ	1
78	Reverse idle gear	1204.37.132SZ	1	96	Spacer, driven gear, auxiliary transmission	1204.37.128	3
79	Circlip 62	GB 893.1-86	1	97	Driven gear, medium range	SZ1304.37.211	1
80	Reverse shaft unit	1204.37.018	1	98	Gear retainer, N-R	1204.37.134SZ	1
81	Spring washer 8	GB 7244-87	2	99	Shift collar, N-R	1204.37.125SZ	1
82	Bolt M8×30	GB 5783-86	2	100	Driven gear, Reverse	1204.37.131SZ	1
83	Driving shaft, auxiliary transmission	1204.37.122-1SZ	1	101	Driven shaft, auxiliary transmission	1204.37.123-3SZ	1
84	Driving gear, medium range	SZ1304.37.210	1	102	Shim, driven shaft, auxiliary transmission	1204.37.138-2	1
85	Spacer, driving gear, auxiliary transmission	1204.37.135-1	1	103	Bearing 30309E(7309)	GB/T297-94	1
86	Reverse driving gear	1204.37.130SZ	1	104	Nut, driven shaft, auxiliary transmission	1204.37.139	1
87	Circlip, driving shaft, auxiliary transmission	1204.37.137	1	105	Screw M10×12	GB 73-85	1
88	Cone Bearing 30310E(7310E)	GB 297	1				
89	Adjusting shim, driving shaft, auxiliary transmission	1204.37.155~164	As required				
90	Circlip 30	12245/11067876	1				
91	Washer, bearing	1204.37.193	1				
92	Bearing 33206E(3007206)	GB/T297-94	1				

37 Transmission case assembly (FR) (shift collar structure)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
115	Plain washer 8	GB 96-87	2				
116	Mild steel wire	GB/T 343-1994	4				
	TA-1.6×180						
117	Inner drive link, auxiliary transmission	1204-1.37.109	1				
118	Spacer ring, spring	5132334/1.32.293	2				
119	Return spring, control lever	5127962/1.29.106	4				
120	Shifting block, control	1604-1.37.111	2				
121	Pin 5×30	BZ/JHX-SZ	2				
122	Inner drive link, main transmission	1204-1.37.108	1				
123	Hose clamp d32	JB/T8870	2				
124	Breather hose	1604-1.37.113	1				
125	Breather plug assembly	1604-1.37.015	1				
126	Auxiliary shift lever	SZ1204.37.201A	1				
127	Main shift lever	SZ804.37.109A	1				
128	Pressure plate, cover, shift lever	LG1304.37.176-1	2				
129	Cover, shift lever	LG1304.37.177-1	2				
130	Bottom plate unit, cover, shift lever	LG1304.37.025-1	1				
131	Tapping screw ST6.3×50	GB/T845-1985	6				
132	Tapping screw ST6.3×22	GB/T845-1985	8				
133	Pointer, flywheel	880002108	1				
134	Pad, inspection cover	880002107	1				
135	Inspection cover	8A0002106	1				

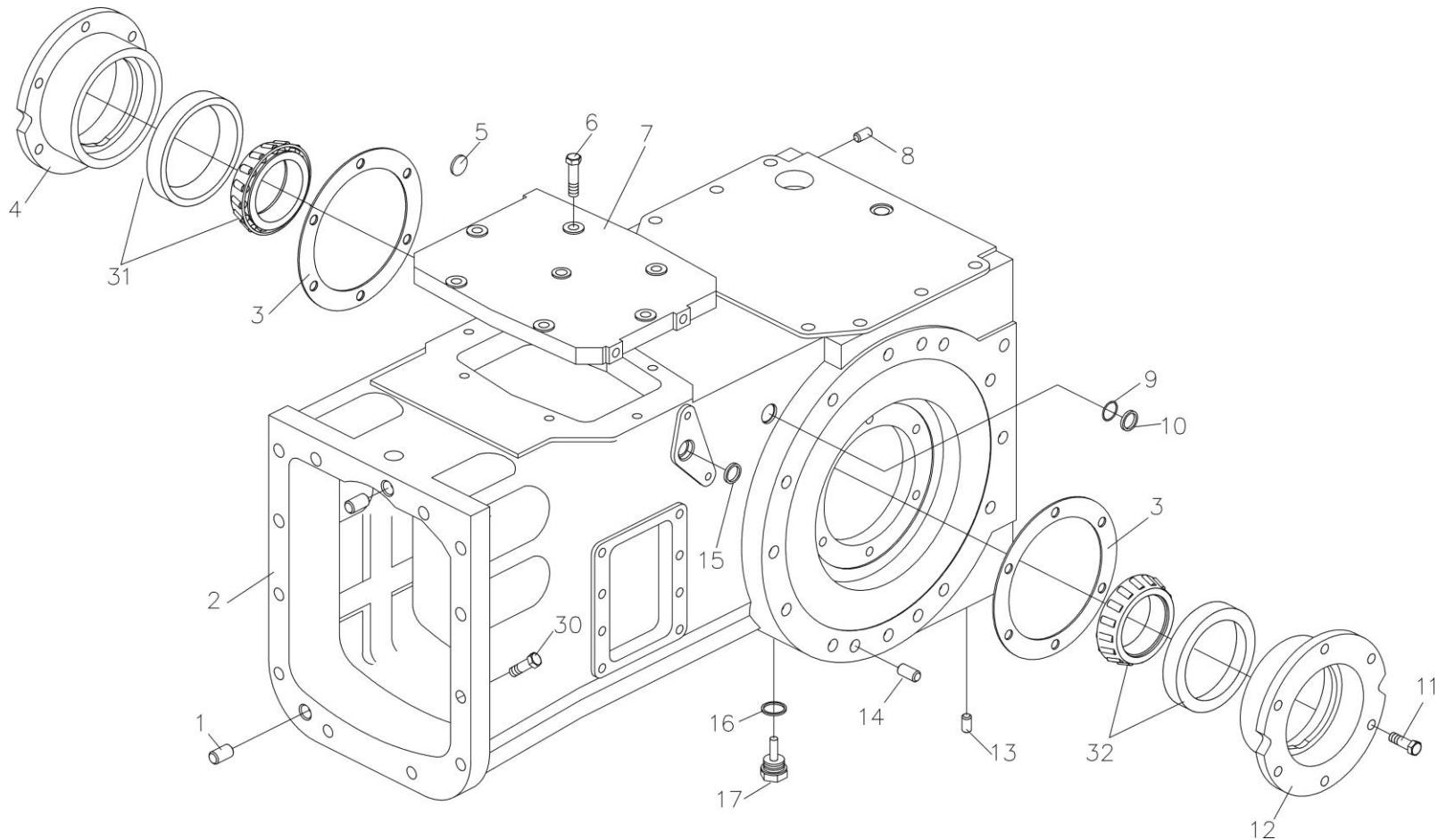
37 Transmission case assembly (FR)-cooling & lubrication systems



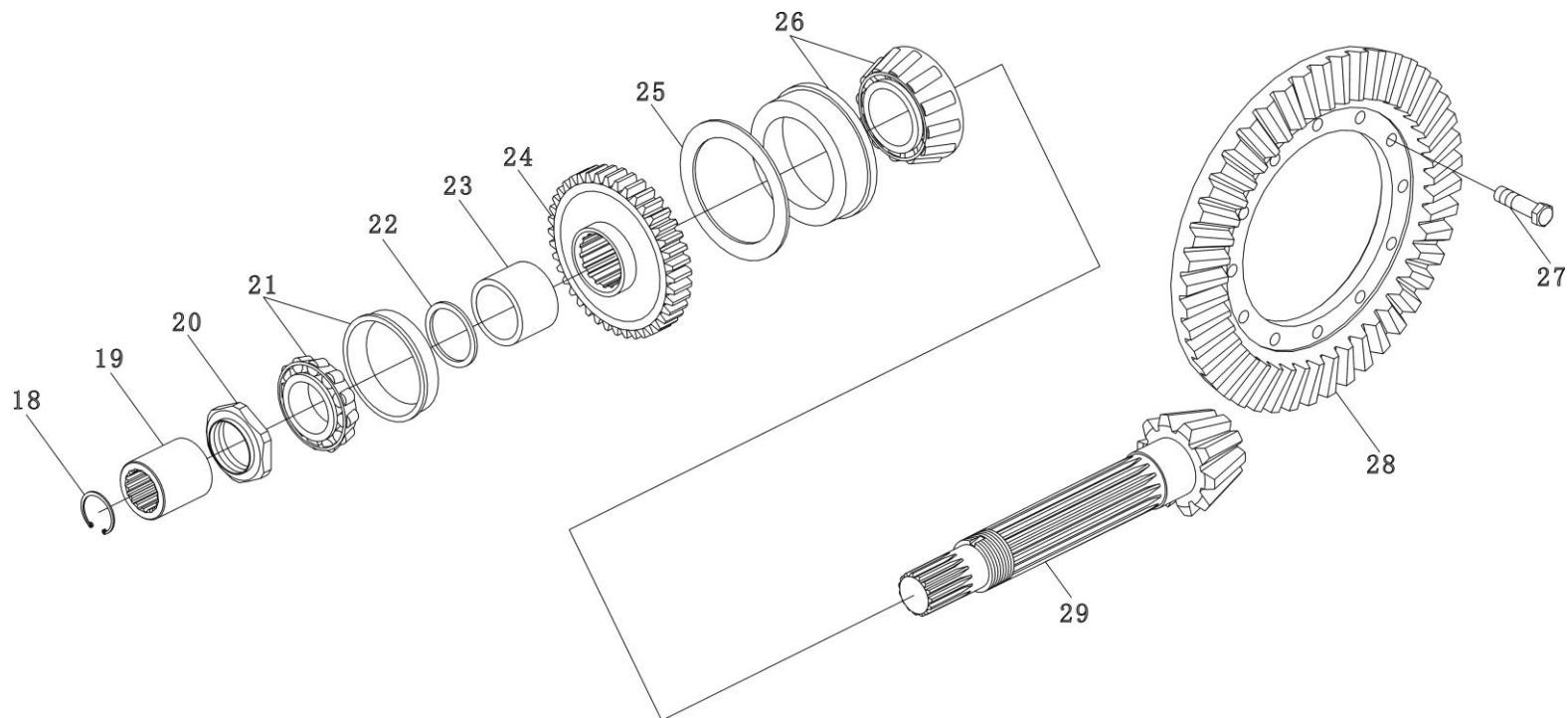
37 Transmission case assembly (FR)-cooling & lubrication systems

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Pressure limiting valve assembly	1204.37.053	1	6	Transition oil pipe	1204.37.506	1
1.1	Seat, spring	1204.37.520	1	7	Oil outlet pipe	1204.37.508A	1
1.2	O-ring 20×2.65	GB 3452.1-82	1	8	Locating plate	1204.37.507	1
1.3	Adjusting shim	1204.37.519Thickness0.3	As required	9	Bolt M8×12-Zn.D	GB 5783-86	6
		1204.37.518Thickness0.1		10	O-ring 15×2.65	GB 3452.1-82	1
1.4	Spring, pressure relief valve	1204.37.517	1	11	Rectangular gasket	10280060/14607	4
1.5	Steel ball 130000G100	GB 308-89	1	12	Screw plug	10182817/14262	1
1.6	Casing, pressure limiting valve	1204.37.516	1	13	Oil pipe unit, oil cup	1204.37.057	1
2	Bolt M8×20-Zn.D	GB 5783-86	2	14	Pipe joint assembly, filler	5103152/1.28.873	1
3	Washer 8	GB 93-87	9	15	Oil inlet connector, pressure limiting valve	1204.37.503	1
4	Paper gasket	1204.37.505	1				
5	O-ring 11.8×2.65	GB 3452.1-92	2				

38 Transmission case assembly (RR)



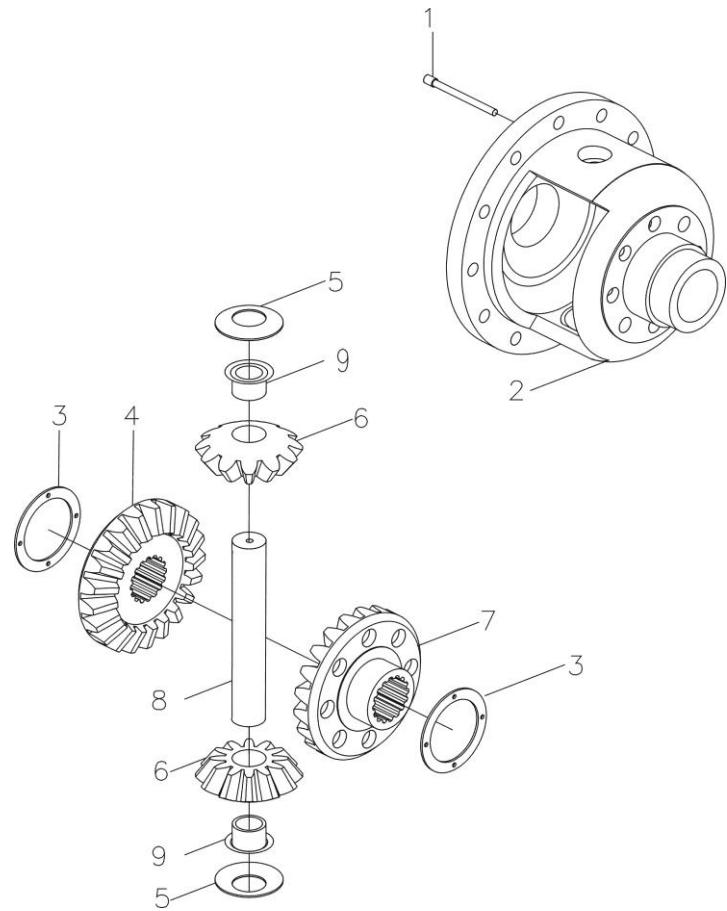
38 Transmission case assembly (RR)



38 Transmission case assembly (RR)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Dowel pin	4985062/1.21.071	2	18	Circlip 37	GB 893.1-86	1
2	Housing, transmission case (RR)	1204.38.101	1	19	Sleeve	1204.38.106	1
3	Adjusting shim, differential	4984020/1.32.022	As required	20	Nut, driven shaft, M50×1.5 (Thickness0.15)	885111377/1.32.148	1
				21	Bearing (FR), bevel gear	4984781/1.32.138B	1
4	Bearing seat (RH), carrier, differential	4993580/1.32.003	1		50.8×101.498×24.608		
5	Core plug 22	10158900/14520	1	22	Adjusting shim, bearing	4984175/1.32.136	As required
6	Bolt M10×1.25×40	GB 5785-86	6	23	Spacer sleeve, bevel pinion	1204.38.108	1
7	Cover (UPR), transmission case (RR)	1204.38.102	1	24	Driving gear, PTO	1204.38.107SZ	1
8	Dowel pin D=10	10839710/12507	4	25	Adjusting shim	5128734/1.32.137	As required
9	O-ring 20.29×2.62	14457580/14618	1	26	Bearing (RR), bevel pinion	5128721/1.32.139	1
10	Bushing, oil seal	594832/1.21.066	1		55×120×45.5		
11	Self-locking bolt M10×1.25×30	14233624/10357/04	12	27	Bolt M12×1.25×45	GB 5785-86	12
12	Bearing seat (LH), carrier, differential	4993579/1.32.004	1	28	Bevel gear wheel	1204.38.104-1SZ	1
13	Dowel pin, Transmission case housing & knee housing	5109869/1.21.073	2	29	Shaft, bevel pinion	1204.38.103-1SZ	1
				30	Connection screw , transmission case (RR) amd transmission case (FR)M14×1.25×45	GB 5785-86	12
14	Dowel pin, Transmission case housing & half axle housing	5110200/1.21.065	4				
				31	Tapered roller bearing (RH)	GB/T 297-2000	1
15	Bushing, oil seal, shaft, PTO	5128095/1.21.066A	1		32015E(2007115E)		
16	Rectangular cross-section seal washer	10263460/14607	1	32	Tapered roller bearing (LH)	GB/T 297-2000	1
	22×28×1.5				32014E(2007114E)		
17	Magnetic drain plug unit	885118991/1.21.030A	1				

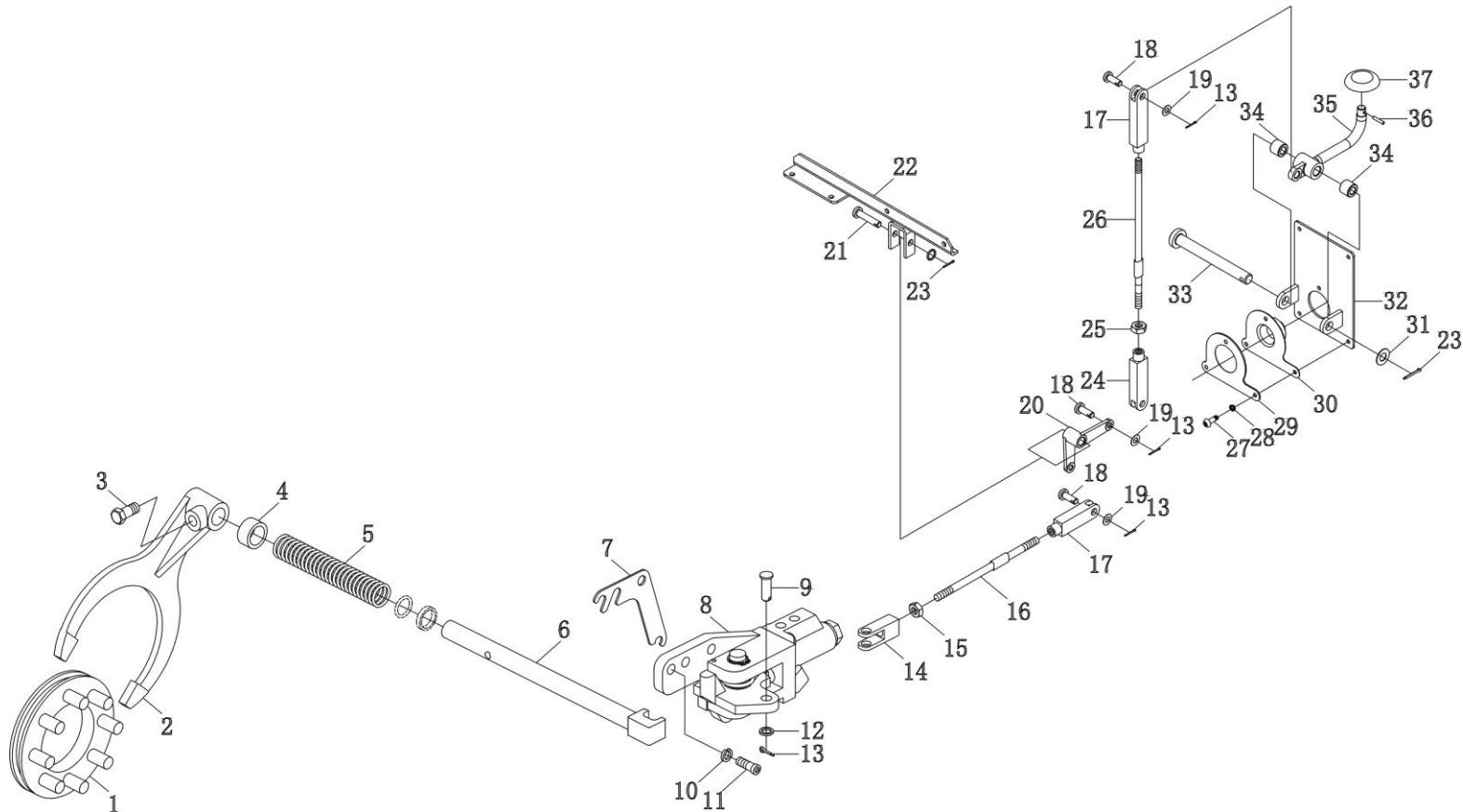
38 Transmission case assembly (RR)-differential assembly



38 Transmission case assembly (RR)-differential assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
	Differential assembly	1.32.430/5117237		4	Side gear (RH), differential	4993577SZ/1.32.413	1
1	Fixing pin, shaft, planetary gear	4993655/1.32.428	1	5	Thrust washer, planetary gear	4993654/1.32.425	2
2	Carrier, differential	884993581/1.32.404	1	6	Pinion, differential	SZ1204.38.415	2
3	Thrust washer, side gear	4993653/1.32.424	2	7	Side gear (LH), differential	4993576SZ/1.32.414	1
		Thickness1.6		8	Shaft, pinion, differential	884993572SZ-2/1.32.416	1
		4993652/1.32.424	2	9	Bushing, planetary gear	COB010(38×34×30×30)	2
		Thickness1.5					
		5138269/1.32.424	2				
		Thickness1.7					

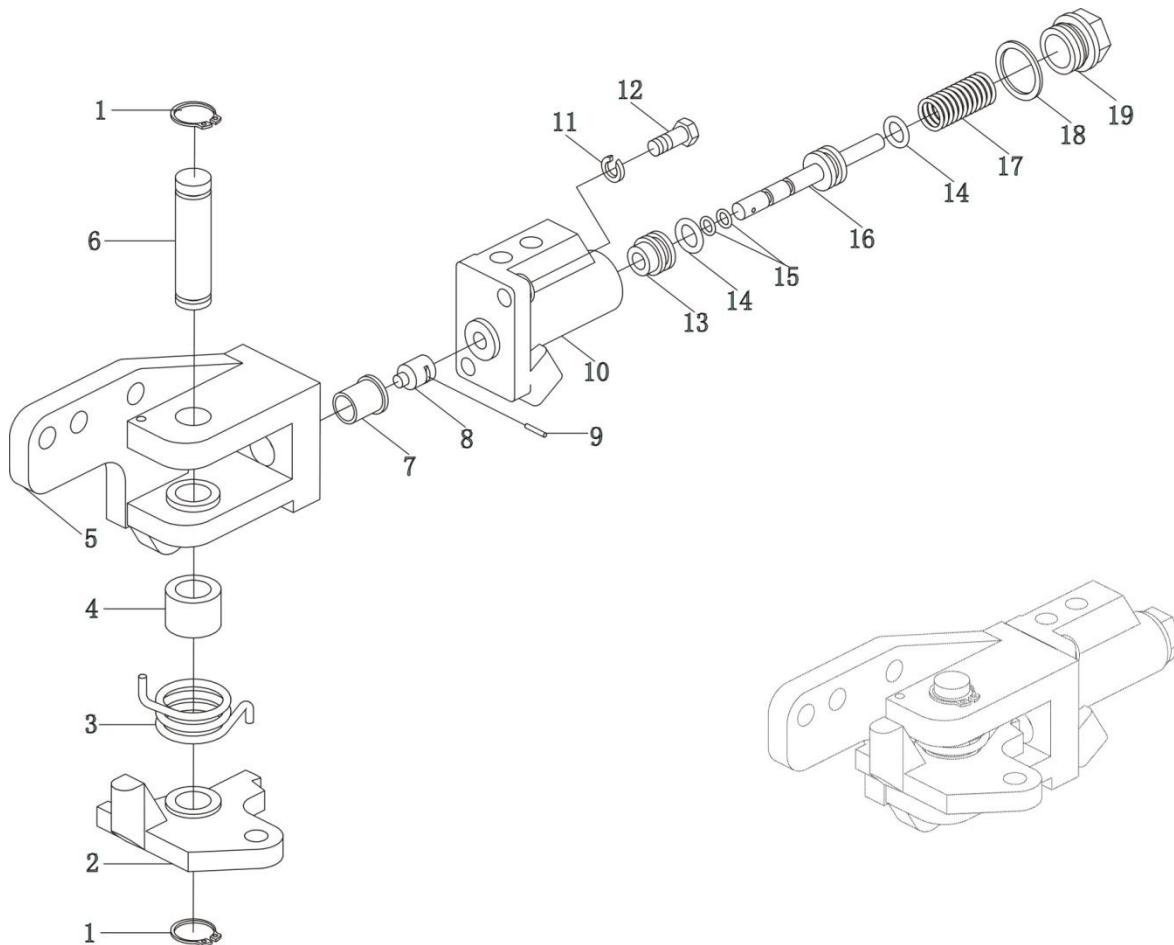
38 Transmission case assembly (RR)-differential lock & control



38 Transmission case assembly (RR)-differential lock & control

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty
1	Differential lock assembly	5117247/1.32.608A	1	20	Rocker unit, differential lock	1204-1.38.013	1
2	Fork, differential lock	4993834/1.32.625	1	21	Shaft, Pin B14×65	GB/T882-1986	1
3	Screw, fork	44013453/1.29.021	1	22	Welded bracket unit, Retaining plate, multi-way valve	1204-1.38.015	1
4	Spacer, spring, differential lock	4993708/1.32.630	1				
5	Spring, fork, differential lock	5103778/1.32.629	1	23	Pin 4×24	GB/T91-2000	2
6	Shaft, fork, differential lock	5128391/1.32.628	1	24	Connector, pull rod (RH)	15.30.114	1
7	Adjuster shim, disengaging mechanism, differential lock	5123691/1.32.739	As required	25	Nut M10	GB/T6172-2000	1
8	Hydraulic disengaging mechanism, differential lock	5123692/1.32.745	1	26	Differential lock rod, II	1204-1.38.102	1
9	Shaft, Pin B10×32	GB/T882-1986	1	27	Bolt M5×16	GB/T818-2000	5
10	Washer 10-Zn.D	GB/T93-1987	3	28	Washer 5	GB/T93-1987	5
11	Screw M10×1.25×30	GB/T70-1985	3	29	Seal hood, differential lock	1204-1.38.111	1
12	Washer 10-140HV	GB/T848-1985	2	30	Seal cover, differential lock	1204-1.38.110	1
13	Pin 3.2×16	GB/T91-2000	2	31	Washer 14-140HV	GB/T848-1985	2
14	Clevis (RR)	5112921/1.82.226	1	32	Differential lock pedal shaft bracket welded unit	1204-1.38.014	1
15	Nut M10×1.25	GB/T6173-2000	1				
16	Rod I, differential lock	1204-1.38.101	1	33	Shaft, Pin B14×105	GB/T882-1986	1
17	Connector, pull rod (LH)	15.30.113	2	34	Arm unit, pedal, differential lock	1204-1.38.109	2
18	Shaft, Pin B8×28	GB/T882-1996	3	35	Arm unit, pedal, differential lock	1204-1.38.012	1
19	Washer 8-140HV	GB/T97.1-2002	3	36	Pin 4×24	BZ/JHX-SZ	1
				37	Pedal, differential lock	SZ804.38.502	1

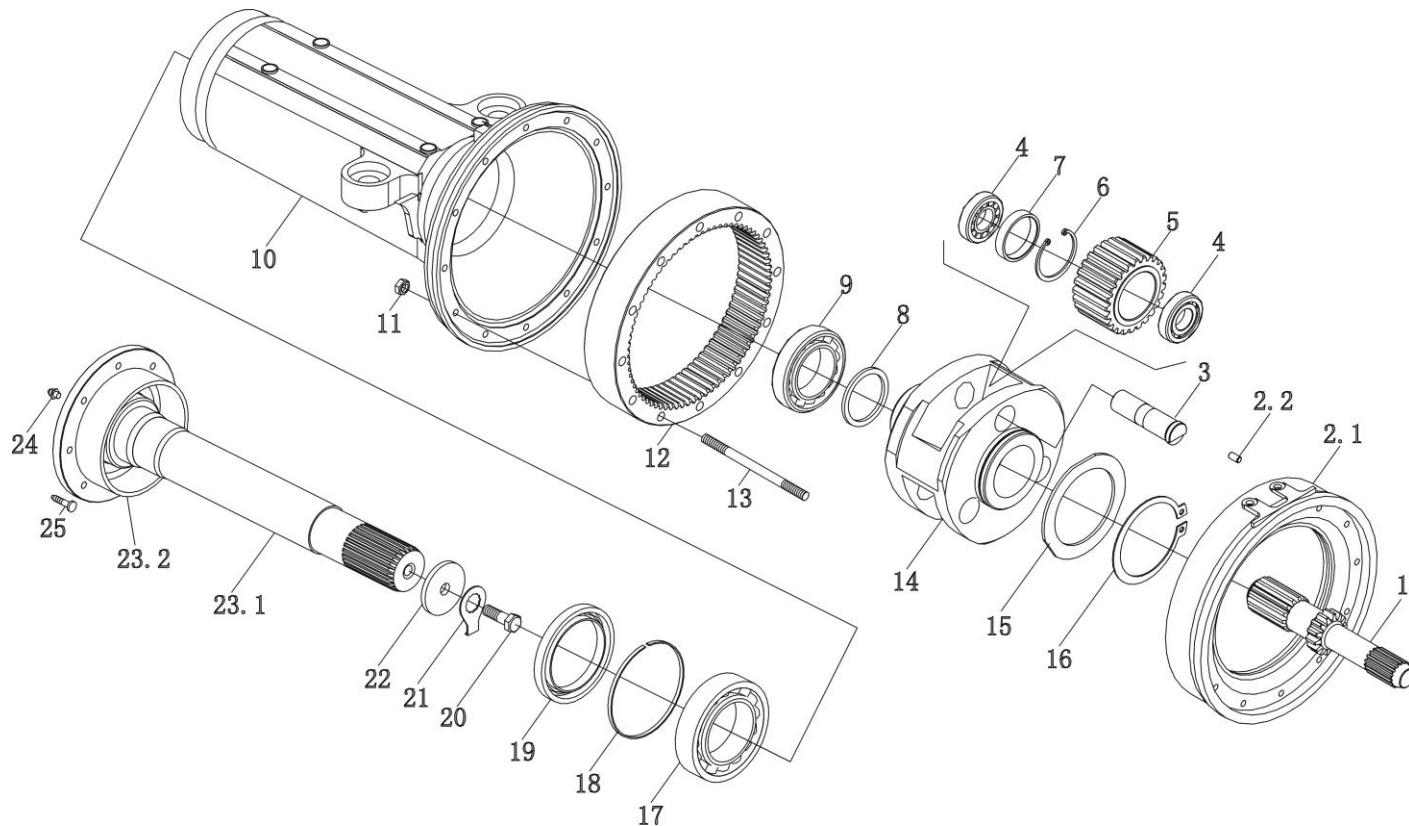
38 Transmission case assembly (RR)-differential lock hydraulic disengaging mechanism



38 Transmission case assembly (RR)-differential lock hydraulic disengaging mechanism

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
	Hydraulic disengaging mechanism, differential lock	5123692/1.32.745		10	Housing, cylinder, disengaging mechanism	5127340/1.32.752	1
1	Circlip 16	GB 894.1-86	2	11	Washer 8-Zn.D	GB 93-87	2
2	Control rocker, differential lock	88512123/1.32.722	1	12	Bolt M8×20-Zn.D	GB 70-85	2
3	Return spring, rocker, differential lock	5125755/1.32.753	1	13	Intermediate piston	5115124/1.32.852	1
4	Bushing, disengaging mechanism	5123694/1.32.747	1	14	O-ring 12.37×2.62	14457081/14618	2
5	Support, hydraulic disengaging mechanism, differential lock	5123689SZ/1.32.735	1	15	O-ring 4.47×1.78	14452581/14618	2
6	Control pin, differential lock	5123690/1.32.737	1	16	Piston, cylinder	5115125/1.32.853	1
7	Bushing, support, disengaging mechanism, differential lock	5123693/1.32.746	1	17	Spring, piston, cylinder	5118126/1.32.854	1
8	Lock pin	5128094/1.32.748	1	18	Rectangular cross-section seal washer	10263460/14607	1
9	Needle roller 2×11.8	GB 309-77	1		22×28×1.5		
				19	Plug, cylinder	885115127/1.32.855	1

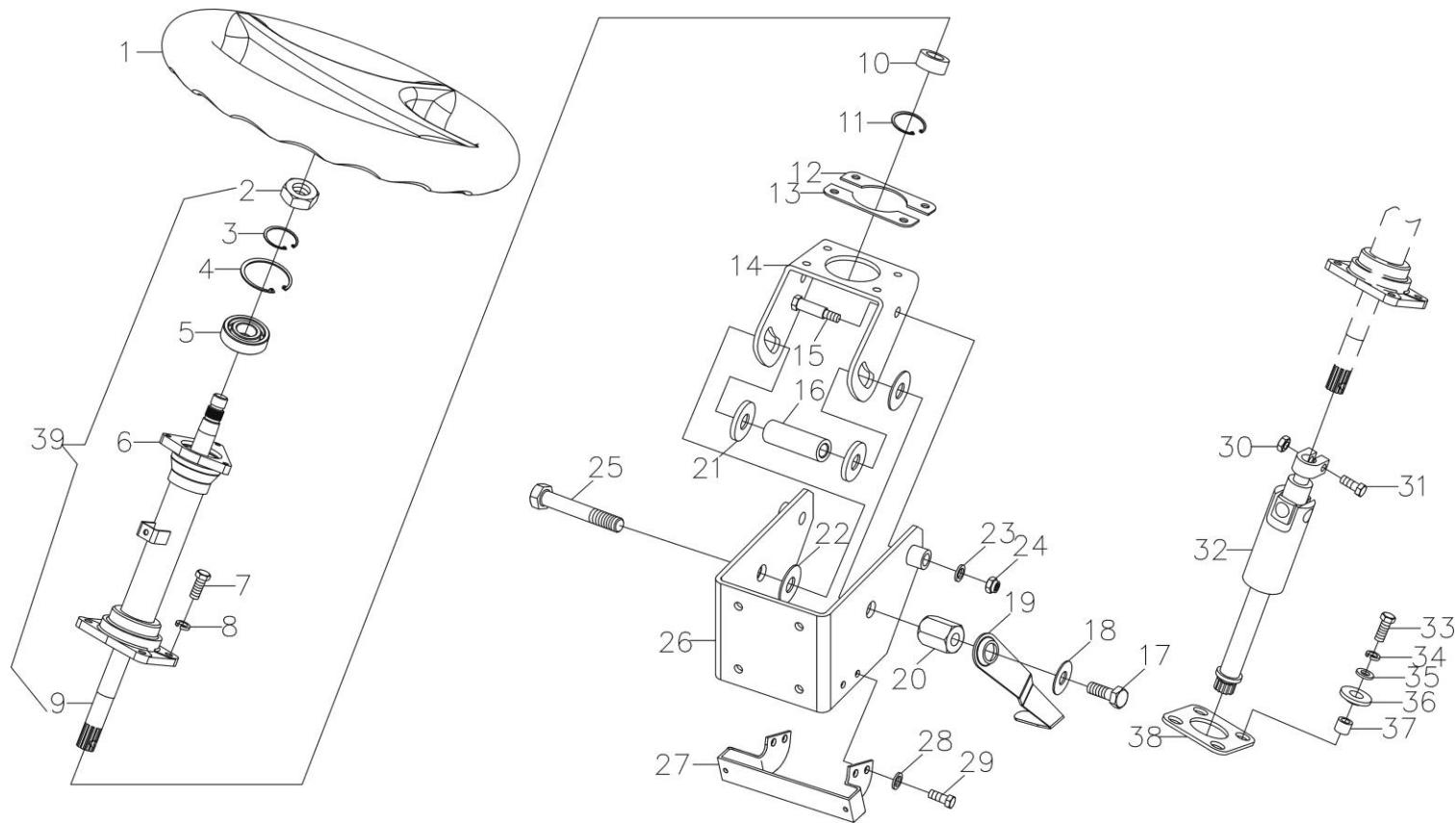
39 Final drive assembly (LH/RH)



39 Final drive assembly (LH/RH)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Shaft, sun gear (LH))	1204.39.103SZ	1	17	Bearing 6217E(217)	GB/T276-1994	2
	Shaft, sun gear (RH))	1204.39.109SZ	1	18	Seal washer, live axle	5123260/1.48.151	2
2	Housing assembly, brake	5153479/1.48.015	2	19	Oil seal , live axle	SZ1204.39.501	2
2.1	Housing brake	5153478/1.48.015	2		110×150×16		
2.2	Dowel pin, housing, brake	5110094/1.48.050	6	20	Self-locking screw	14271630/10357/03	2
	10×19.5				M18×1.5×45		
3	Shaft, planetary gear	1204.39.105-1	6	21	Locking plate, live axle	1204.39.110	2
4	Bearing NJ607E(42607E)	GB/T283-1994	6	22	Washer, axle, driving wheel	4996965/1.48.162	2
5	Planetary gear	1204.39.104-1SZ	6	23	Live axle unit	SZ1204.39.010	2
6	Circlip 80	GB 893.1-86	6	23.1	Live axle	5123254/1.48.110	2
7	Spacer	1204.39.108-1	6	23.2	Seal cover, live axle	5123258/1.48.122	2
8	Shim, live axle	5100653~5100665/	As required	24	Oil cup M10×1	GB 1152-87	2
		1.48.138		25	Bolt, spoke, live axle	44011089/1.49.512	16
9	Bearing 6214E(214)	GB/T276-1994	2				
10	Housing, final drive	5125855SZ/1.48.004	2				
11	Nut M14×1.5-Zn.D	GB 6171-86	21				
12	Ring gear	1204.39.107	2				
13	Stud	1204.39.106	16				
14	Planet carrier	1204.39.101	2				
15	Stop plate	1204.39.102	2				
16	Circlip 130	GB 894.1-86	2				

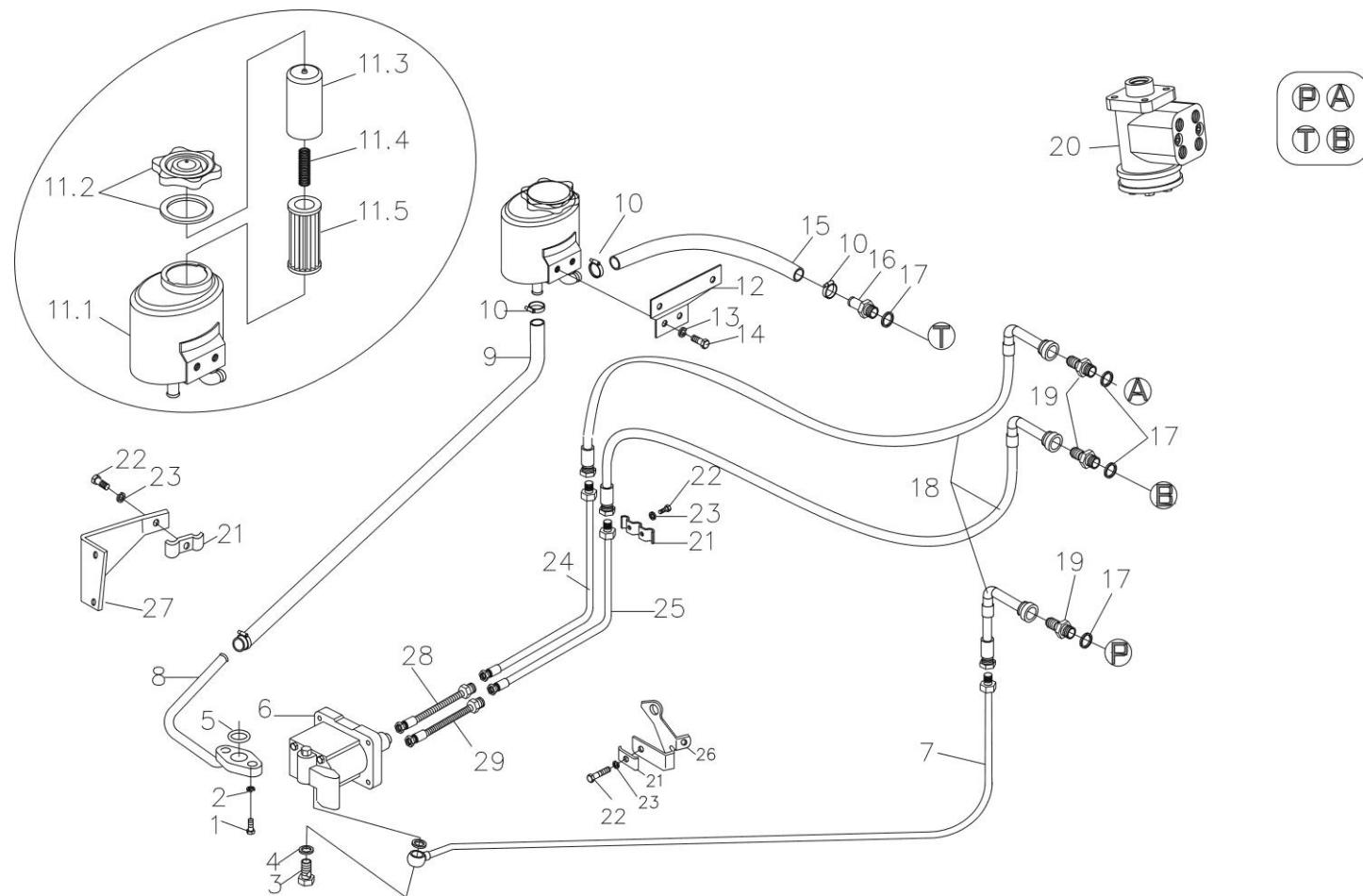
40 Steering box assembly



40 Steering box assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Steering wheel assembly	1204-1.40.017	1	21	Washer	1204-1.40.118	2
2	Nut M16×1.5-Zn.D	GB/T6173-2000	1	22	Washer	1204-1.40.117	2
3	Circlip 25	GB/T894.1-1986	1	23	Washer 8-140HV-Zn	GB/T848-1985	2
4	Retainer ring D=47	11060276/12246	1	24	Nut M8-Zn.D	GB/T889-1986	2
5	Bearing 6005-2RZ	GB/T276-1994	1	25	Bolt	1204-1.40.104	1
6	Sleeve unit	1204-1.40.011-1	1	26	Bracket unit	1204-1.40.012	1
7	Bolt M8×30-Zn.D	GB/T5783-2000	4	27	Bracket, fuse block	1204-1.40.112A	1
8	Washer 8	GB/T7244-1987	4	28	Washer 6	GB/T93-1987	4
9	Splined steering shaft	1204-1.40.107-1	1	29	Bolt M6×16-Zn.D	GB/T5783-2000	4
10	Anti-friction sleeve	1204-1.40.115	1	30	Nut M8×5-Zn.D	GB/T6187-1986	1
11	Circlip 34	GB/T893.1-1986	1	31	Bolt M8×35-Zn.D	GB/T5783-2000	1
12	Gasket	5127283/1.62.0	As required	32	Universal joint	1204-1.40.015	1
13	Gasket	5127284/1.62.0	As required	33	Bolt M10×35-Zn.D	GB/T5783-2000	4
14	Bracket assembly, steering column	5124930/1.62.0	1	34	Washer 10	GB/T93-1987	4
15	Pin, support	5110738/1.62.061	2	35	Washer 10	GB/T97.1-1985	4
16	Sleeve	1204-1.40.102	1	36	Pad unit	5119125/1.87.038	4
17	Bolt M14×25-Zn.D	GB/T5783-2000	1	37	Bushing, hydraulic steering gear	5124936/1.62.0	4
18	Washer 14	GB/T97.1-1985	1	38	Backing plate, hydraulic steering gear	5124937/1.62.0	1
19	Set lever unit	1204-1.40.118	1	39	Steering gear assembly	1204-1.40.010	1
20	Nut	1204-1.40.103	1				

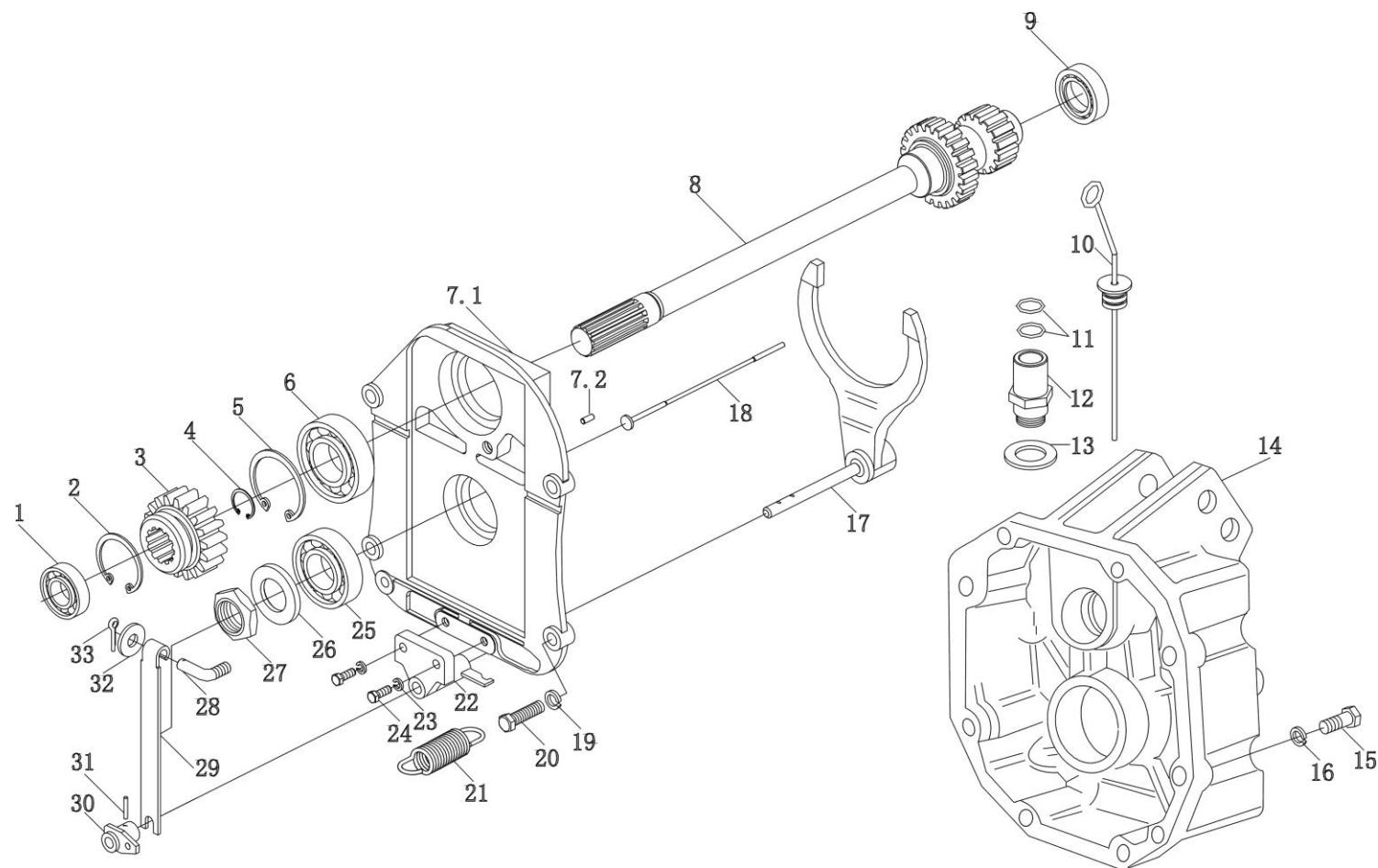
40 Hydraulic steering gear-steering system oil pipes



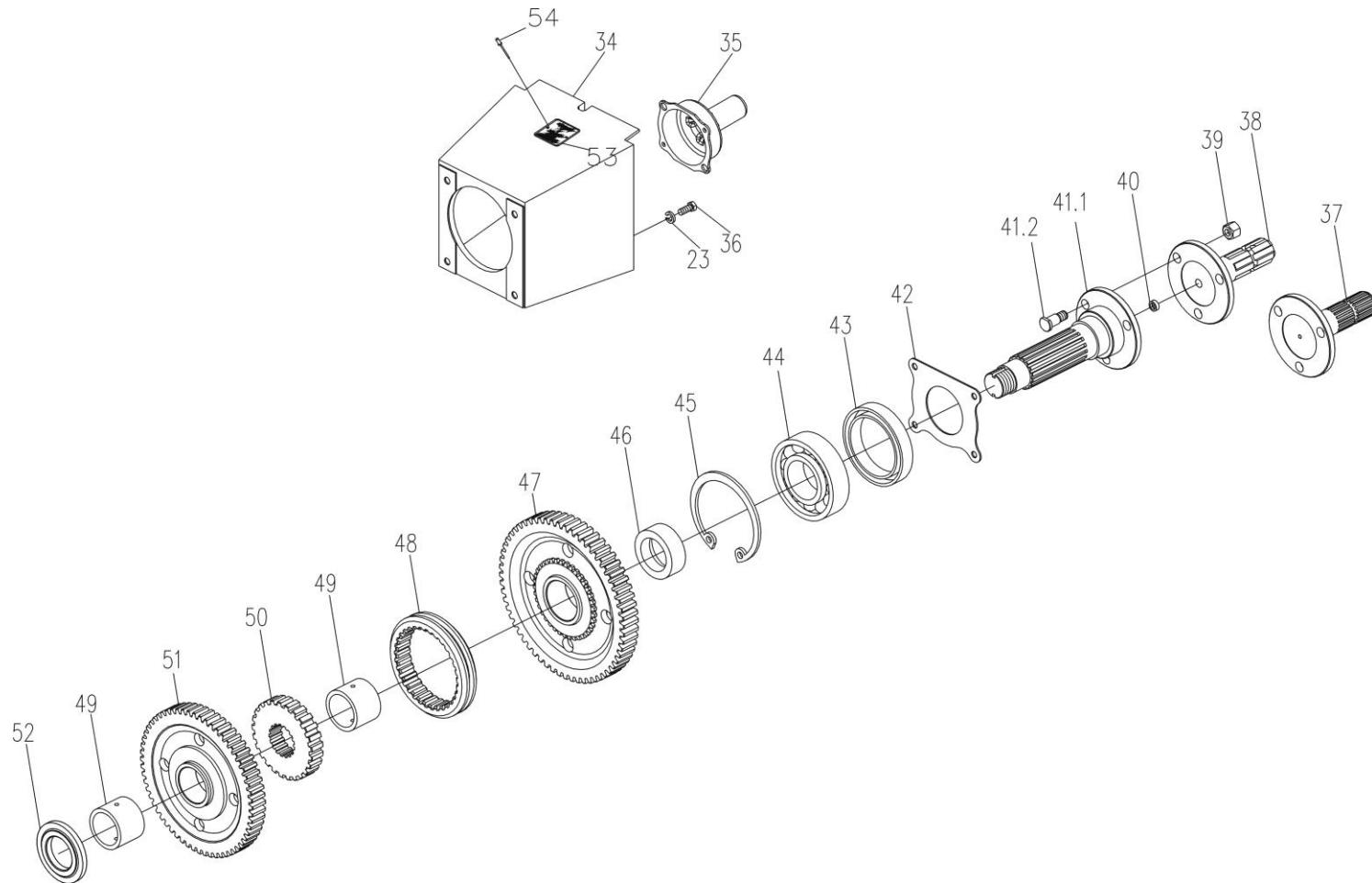
40 Hydraulic steering gear-steering system oil pipes

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Bolt M8×50	GB 5782-86	2	12	Bracket, steering fluid reservoir	885133134/1.63.895	1
2	Washer 8	GB 93-76	5	13	Washer 10	GB 93-76	2
3	Hollow bolt	885105699/1.63.821	1	14	Bolt M10×20	GB 21-76	2
4	Washer 18	JB982-77	2	15	Oil return hose , steering gear	SZ804.40.510	1
5	O-sealing ring 2.62×21.89	14618/14457680	1	16	Joint, oil return pipe, steering gear	885126687/1.63.824	1
6	Steering constant flow pump assembly	SZ1204.40.025	1	17	Seal washer 21.2×26×2	44019496/1.63.898	10
7	Oil outlet pipe assembly, steering pump	SZ1204.40.021	1	18	Hose, hydraulic steering gear	SZ1204.40.024A	3
8	Oil inlet pipe assembly, steering pump	SZ804.40.025-1	1	19	Pipe joint	1204-1.40.113	3
9	Outlet hose, oil pump	SZ804.40.506	1	20	Hydraulic steering gear	885140383/1.63.101	1
10	Hose clamp Φ19-Φ29	JB8870	4	21	Oil pipe clamp	1.63.583/4999554	1
11	Steering fluid reservoir assembly	5126670SZ/1.63.804A	1	22	Bolt M6×22	GB 818-85	4
11.1	Steering fluid reservoir assembly	5126668/1.63.804	1	23	Washer 6	GB 93-76	4
11.2	Oil tank cap with gasket	5111699/1.63.841B	1	24	Steering oil pipe assembly (LH)	SZ1204.40.022-2	1
11.3	Case, filter	4997991/1.63.857	1	25	Steering oil pipe assembly (RH)	SZ1204.40.023-2	1
11.4	Spring	5103058/1.63.807	1	26	Support, oil pipe	5149037/1.63.583	1
11.5	Filter assembly	4997992/1.63.858	1	27	Support, oil pipe	5149036/1.63.096	1
				28	Hose , cylinder	SZ804.40.051A	1
				29	Hose , cylinder	SZ804.40.052A	1

41 540/1,000 r/min PTO assembly



41 540/1,000 r/min PTO assembly



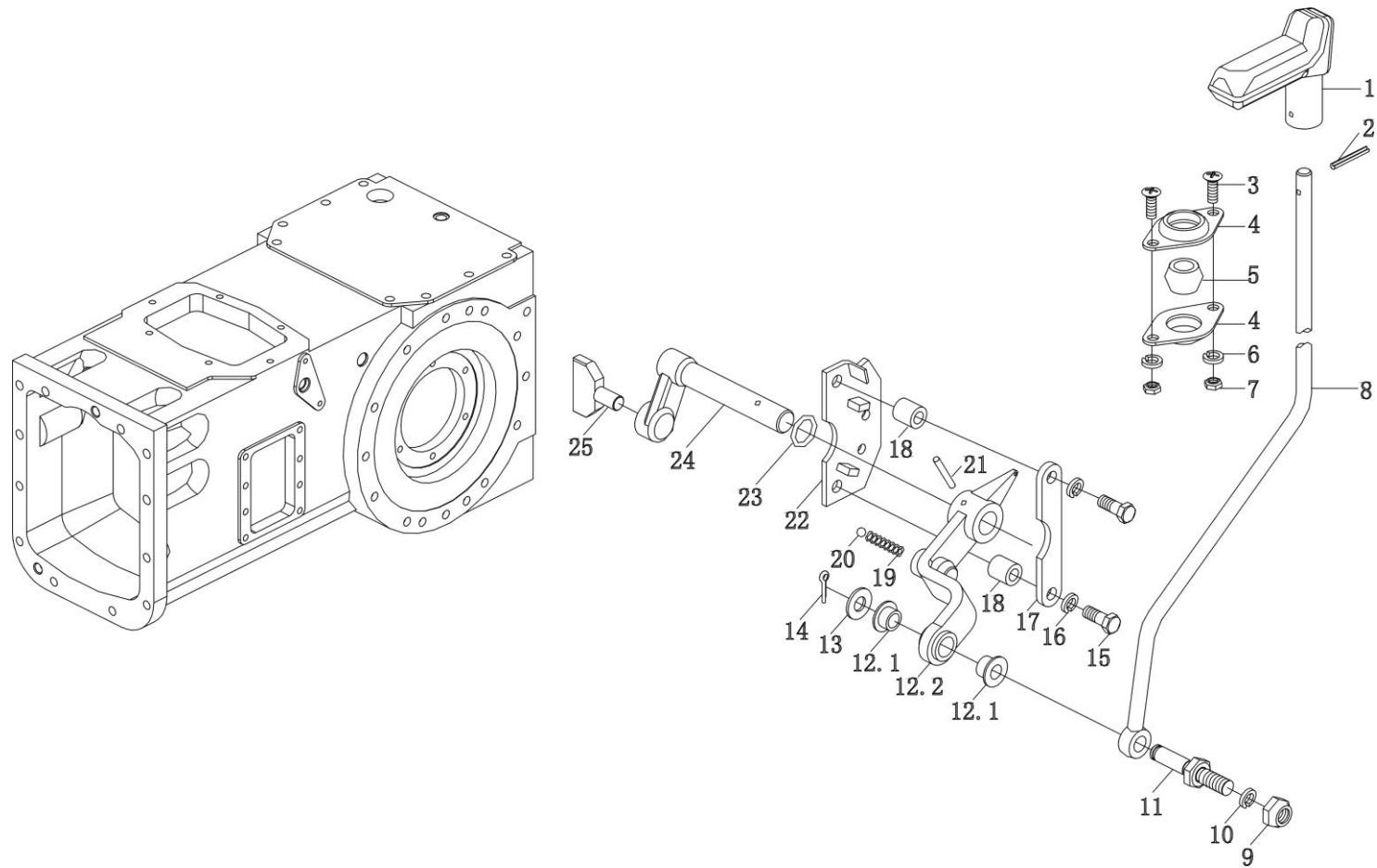
41 540/1,000 r/min PTO assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Bearing NJ207E(42207)	GB/T283-1994	1	16	Washer 14-Zn.D	GB 7244-87	8
2	Circlip 72	GB 893.1-86	1	17	Shift fork assembly	1004.41C.030	1
3	Gear, PTO control	4984103SZ/1.80.110A	1	18	Push rod, spring, shift control	4998563/1.80.197	1
4	Circlip 35	GB 894.1-86	1	19	Washer 12-Zn.D	GB 7244-87	4
5	Circlip 90	12246/11062476-SZ	1	20	Bolt	GB 5785-86	4
6	Bearing 6210E(210)	GB/T276-1994	1		M12×1.25×45-Zn.D		
7	Gear, PTO control	4993603/1.80.128A	1	21	Spring	4983677/1.80.133	1
7.1	Support (FR), bearing, PTO	4993601/1.80.128	1	22	Guide, shaft, shift fork	1004.41C.304	1
7.2	Dowel pin φ10	10839710/12507	1	23	Washer 8	GB 7244-87	6
8	Driving shaft, PTO	4997623/1.80.104A	1	24	Bolt M8×25-Zn.D	GB 5783-86	2
9	Bearing NJ208E(42208)	GB/T283-1994	1	25	Bearing 6208E(208)	GB/T276-1994	1
10	Oil dipstick assembly	5134353/1.80.185A	1	26	Washer, locking plate	4998562/1.80.141A	1
11	O-ring 21.89×2.9	14457680/14618	2	27	Nut, driven shaft,	5123114/1.28.149	1
12	Adapter, oil dipstick	5134350/1.80.186	1	28	Support, spring lever	4995141/1.80.165	1
13	Rectangular cross-section seal washer	10303450/14607	1	29	Spring lever, gearshift	4994660/1.80.195	1
	30×36×1.5			30	Support assembly, gearshift	4994472/1.80.138	1
14	Housing, PTO (540/1,000 r/min)	5134365/1.80.102A	1	31	Elastic cylindrical pin 5×22	BZ/JHX-SZ	2
				32	Washer 12-Zn.D	GB 97.1-85	1
15	Bolt	GB 5785-86	8	33	Pin 3.2×18	GB 91-86	1
	M14×1.5×50-Zn.D						

41 540/1,000 r/min PTO assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
34	Guard unit, shaft, PTO	SZ1204.41.161	1	43	Single-edge oil seal 68×90×10	5105891/1.80.125	1
35	Jacket, shaft, PTO	SZ1204.41.101	1	44	Bearing 6211E(211)	GB/T276-1994	1
36	Bolt M8×20-Zn.D	GB 5783-86	4	45	Circlip 100	12246/11062975-SZ	1
37	Head, PTO shaft, 1,000 r/min	5140119/1.80.107B	1	46	Retainer ring, driven gear	5127289SZ/1.80.114	1
38	Head, PTO shaft, 540 r/min	4983660/1.80.107A	1	47	Driven gear, PTO (540)	4998473SZ/1.80.106A	1
39	Self-locking nut M12×1.25	16105021/10125	3	48	Shift collar, PTO control	4994474SZ/1.80.117	1
40	Single-edge oil seal 10×18×6	5105895/1.80.156	1	49	Bushing, driven gear	5101549/1.28.132	2
41	Driven shaft with pin	5127291/1.80.109A	1	50	Holder, gear, PTO	4998475SZ/1.80.116	1
41.1	Driven shaft, PTO	5127290/1.80.109	1	51	Driven gear, 1,000 r/min	4998474SZ/1.80.113	1
41.2	Bolt, shaft, PTO	44012300/1.80.133	3	52	Retainer ring, driven gear, 1000 r/min	4998561SZ/1.80.115	1
42	Shield, oil seal (RR), PTO	4994659/1.80.151A	1				
				53	540/1000rpm PTO speed sign	SZ804.41.805	1
				54	Rivet 3.2×9, screen	GB12618	2

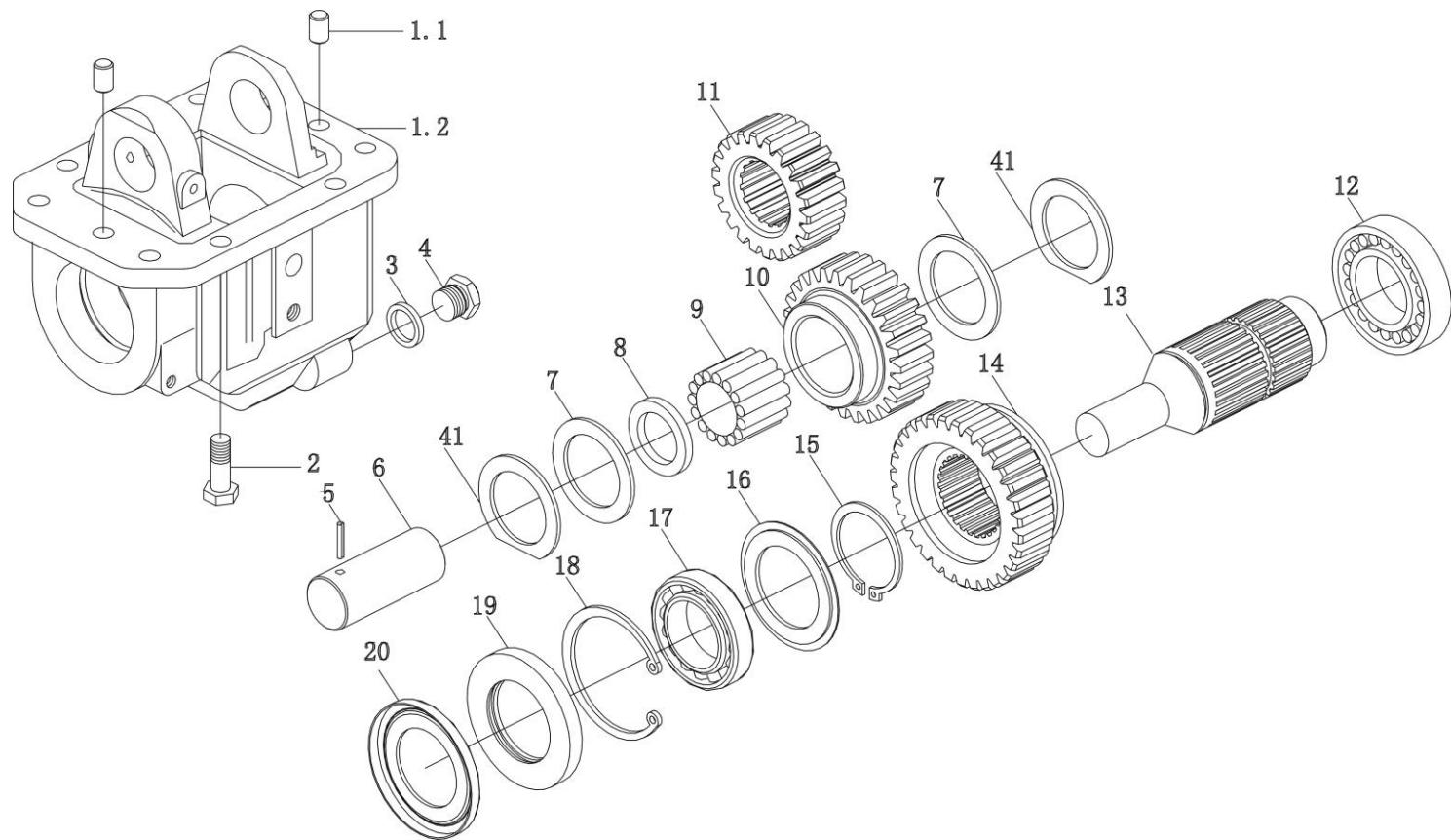
41 PTO shaft control mechanism



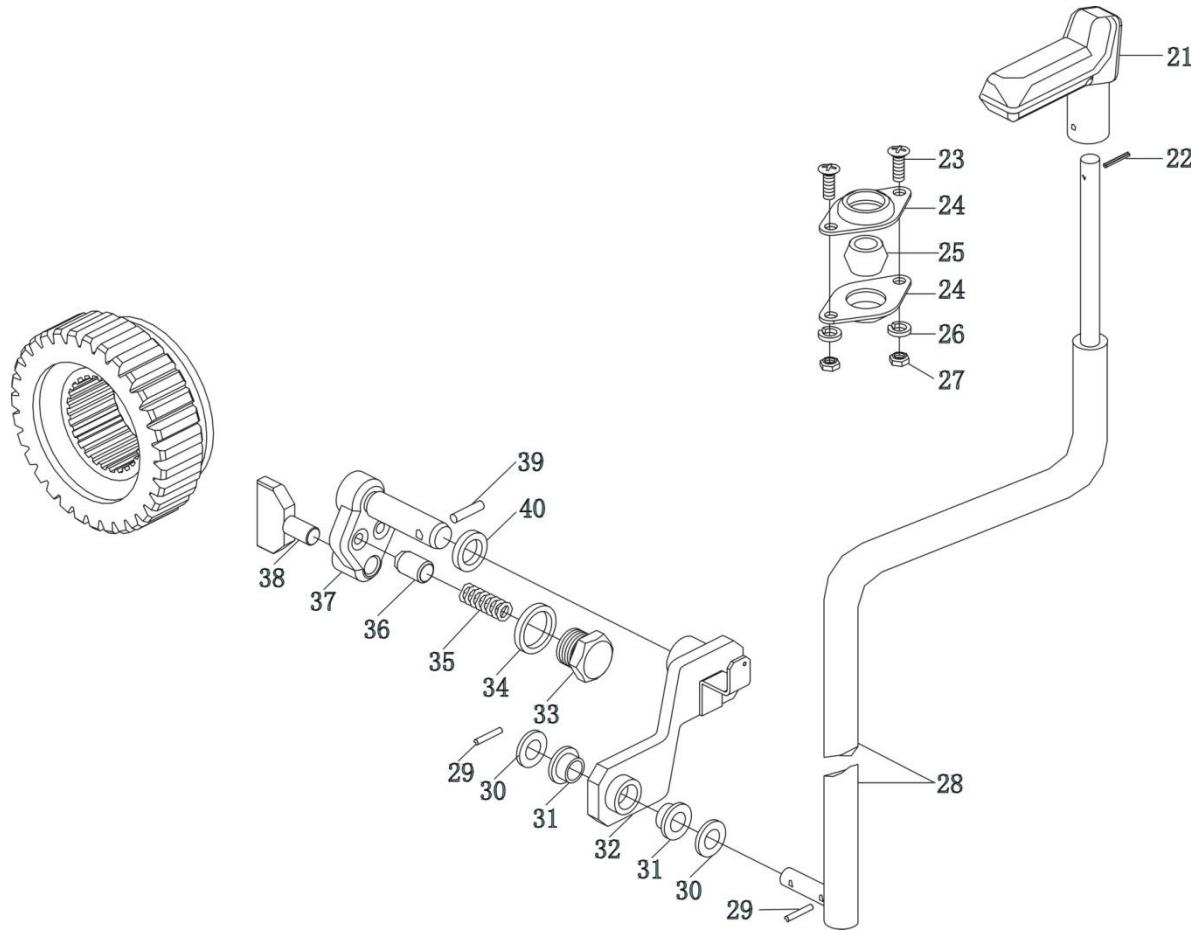
41 PTO shaft control mechanism

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Handle assembly	5136799/1.80.266	1	13	Washer 10-Zn.D	GB 97.1-86	1
2	Tapping screw 4.2×25-F-H	GB 845-86	1	14	Pin 2×20	GB 91-86	1
3	Screw M6×14-Zn.D	GB 818-85	2	15	Bolt M8×40-Zn.D	GB 5782-86	2
4	Ball socket	4998311/1.80.255	2	16	Washer 8-Zn.D	GB 7244-87	2
5	Ball socket	5109058/1.80.254	1	17	Plate, external rod	4997564/1.80.238	1
6	Washer 6-Zn.D	GB 7244-87	2	18	Spacer, sector plate	4984100/1.80.253	2
7	Nut M6-Zn.D	GB 6170-86	2	19	Spring	583620/1.29.023	1
8	Lever, PTO control	1204-1.41.011	1	20	Steel ball 11/32	GB 308-77	1
9	Locking nut	GB 6173-86	1	21	Elastic cylindrical pin 6×28	BZ/JHX-SZ	1
	M10×1.25-5-Zn.D			22	Sector plate, control lever	5105547/1.80.262A	1
10	Washer 10-Zn.D	GB 93-87	1	23	Oil seal, shaft, dowel bar	59983/1.80.232	1
11	Pin, control lever, PTO	885134243/1.80271	1	24	Lever assembly, PTO control	5105543/1.80.236A	1
12	Incidental bushing, locating rod	5131480/1.80.257	1	25	Shift block	884984096/1.80.237	1
12.1	Bushing, outer lever	5129442/1.80.268	2				
12.2	Outer lever, PTO control	5131481/1.80.257	1				

42 Transfer case assembly



42 Transfer case assembly



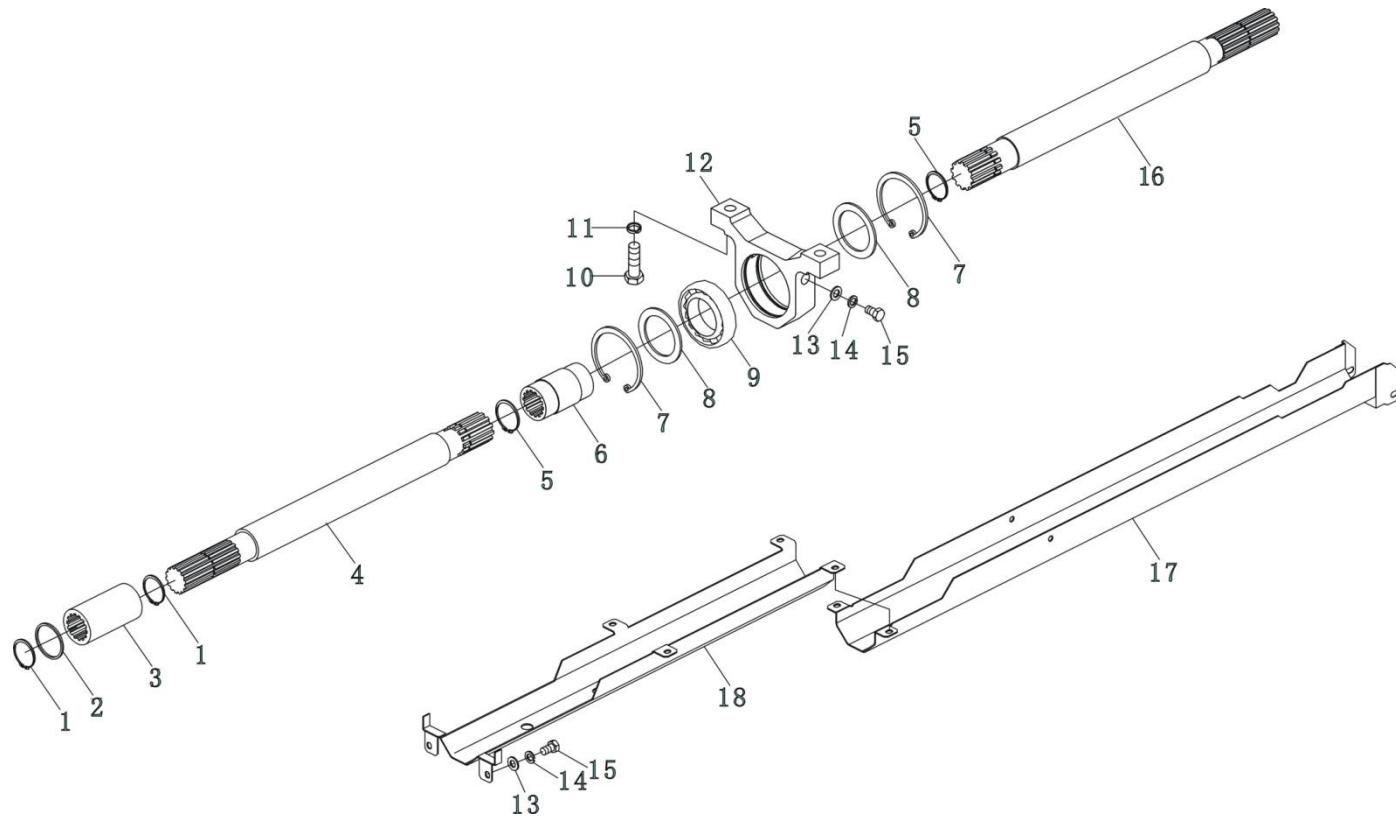
42 Transfer case assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	PTO Housing with dowel pin	4994264/1.33.002A	1	13	Driven shaft, lead out device	1204.42.104	1
1.1	Pin B12×18	GB 119-86	2	14	Driven shaft, lead out device	1204.42.101	1
1.2	Housing, PTO	SZ1204.42.101	1	15	Circlip 55	11069576/12245	1
2	Bolt	GB 5786-86	8	16	Oil baffle disc, bearing, lead out device	4994233/1.33.136	1
	M12×1.25×35-Zn.D			17	Bearing 6011E (111)	GB/T276-1994	1
3	Rectangular cross-section seal washer	10263420/14607	1	18	Circlip90	11062476/12246	1
	22×28×1.5			19	Oil seal 55×90×10, lead out shaft	5129003/1.33.135	1
4	Drain plug M22×1.5	10275001/14534	1	20	Oil seal disc	4994297/1.33.145	1
5	Elastic cylindrical pin 6×70	BZ/JHX-SZ	1	21	Handle assembly	5136799/1.80.266	1
6	Shaft, gear, lead out device	4994227/1.33.112	1	22	Tapping screw	GB 845-85	1
7	Thrust washer, idler, lead out device	1204.42.108	2		ST4.2×25-F-H		
8	Washer, needle bearing, planetary gear	1204.42.109	1	23	Screw M6×14-Zn.D	GB 818-85	2
9	Roller bearing	5104120/1.48.172	1	24	Ball socket	4998311/1.80.255	2
	35.7×49.7×41			25	Ball socket	5109058/1.80.254	1
10	Idler, PTO shaft, lead out device	1204.42.102	1	26	Washer 6	GB 7244-87	2
11	Driving gear, PTO	12043.38.109SZ	1				
12	Cylindrical roller Bearing NJ209E(42209)	GB/T283-1994	1				

42 Transfer case assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
27	Nut M6-6-Zn	GB 6170-86	2	36	Locking detent, inner lever	5112851/1.33.226	1
28	Control lever unit, lead out device	1204-1.42.011	1	37	Inner drive link unit, lead out device control	5101312/1.33.222A	1
29	Pin 2×18	GB 91-86	2				
30	Washer10-140HV-Zn	GB 97.1-85	2	38	Shift block, PTO control	885100858/1.33.237	1
31	Bushing, outer lever	5129442/1.80.268	2	39	Elastic cylindrical pin 5×28	BZ/JHX-SZ	1
32	Outer drive link, lead out device control	5131536/1.33.234	1	40	Oil seal, shaft, dowel bar	559983/1.80.232	1
33	Locking screw, inner lever	4997638/1.33.228	1		2.62×15.88		
34	Rectangular gasket 14×20×1.5	10280060/14607	1	41	Thrust washer, idler, lead out device	1204.42.108-1	2
35	Spring	4966305/1.80.841	1				

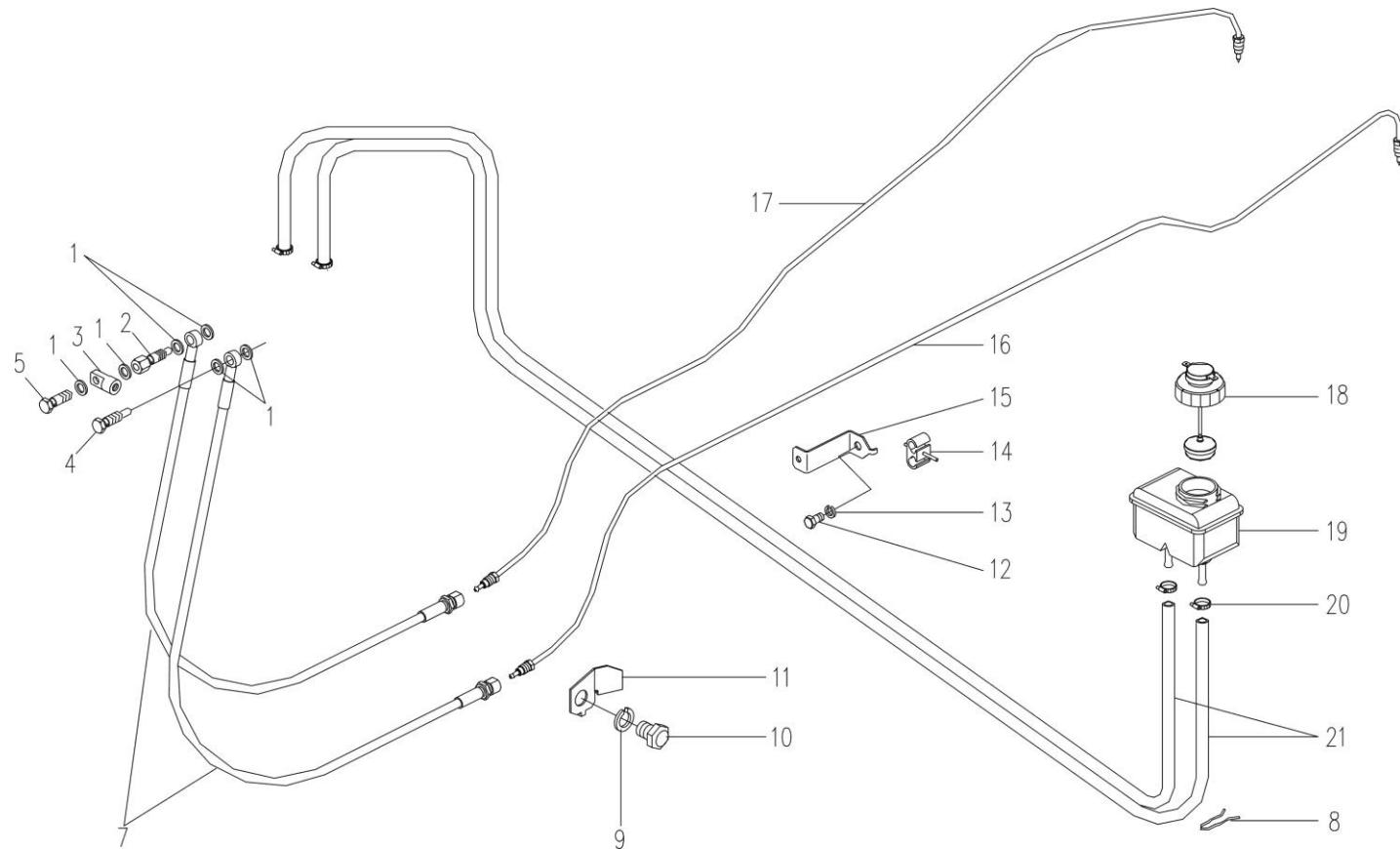
42 Propeller shaft and guard assembly



42 Propeller shaft and guard assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Circlip 30	11067876/12245	2	10	Bolt M12×1.5×40	GB 5785-86	2
2	Shim, sleeve	5143583～5143595 /1.38.524	As required	11	Washer 12	GB 7244-87	2
				12	Support, propeller shaft	4994065/1.38.5381	
3	Sleeve (FR), propeller shaft	5150124/1.38.545	1	13	Washer 8-140HV	GB 848-85	10
4	Propeller shaft (FR)	1204.31.103	1	14	Washer 8	GB 7244-87	10
5	Circlip 35	GB 894.1-86	2	15	Bolt M8×1.25×14	GB 5783-86	10
6	Intermediate sleeve, propeller shaft	4994075/1.38.544	2	16	Propeller shaft (RR)	1204.31.104-1	1
7	Circlip 75	GB 93.1-86	2	17	Guard unit (RR)	1204.31.010	1
8	Retainer, bearing, drive support	4994077/1.38.540	2	18	Guard (FR)	1204.31.101	1
9	Bearing 6009.2RS	GB/T276-1994	1				

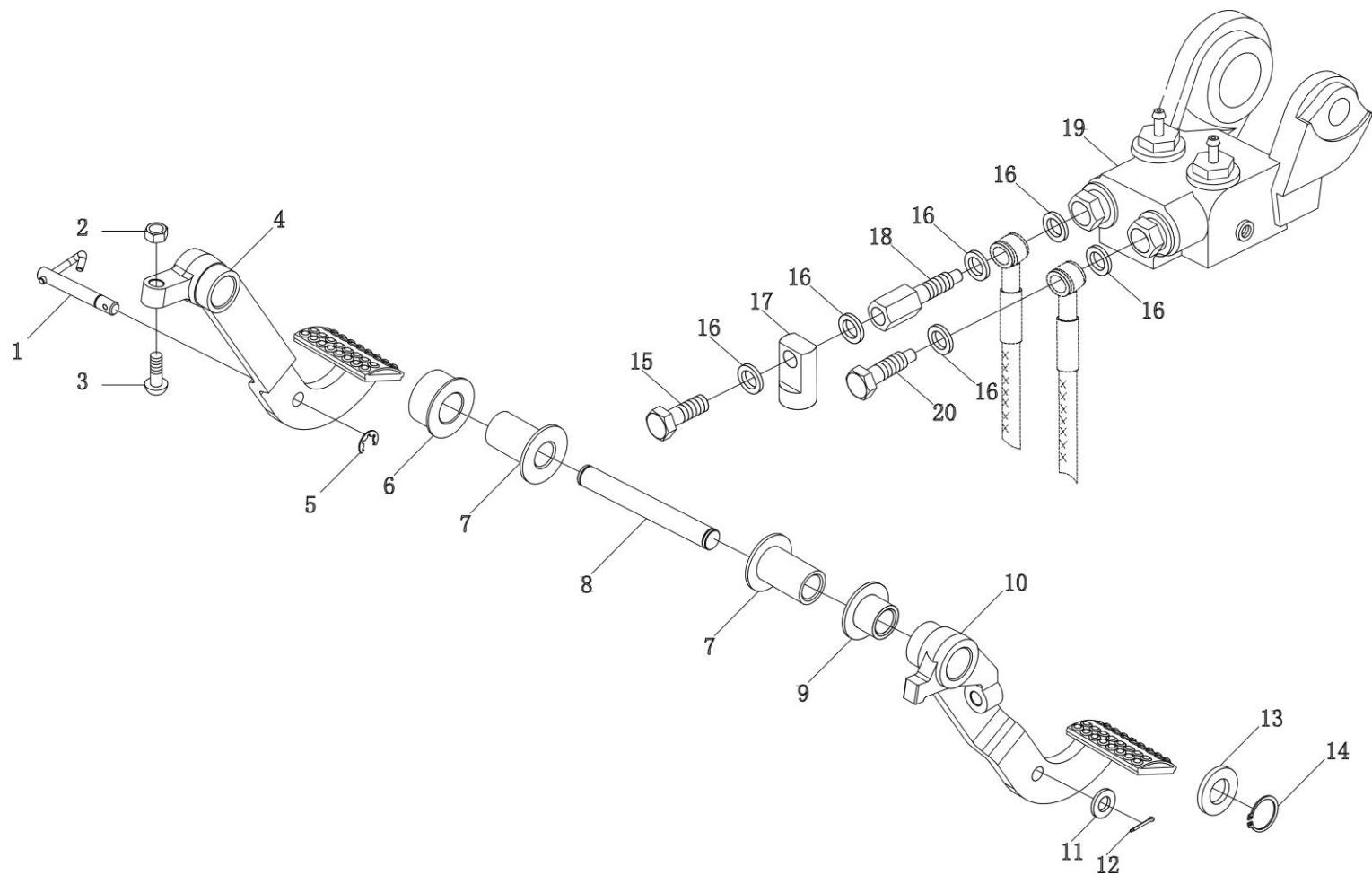
43 Service brake control mechanism oil tank & lines (with air brake)



43 Service brake control mechanism oil tank & lines (with air brake)

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Rectangular cross-section seal washer 10×16×1	10298360/14607	7	9	Washer 16	GB 7244-87	1
2	Connecting bolt, Hose (RH), master cylinder, brake	885111684/1.68.523	1	10	Bolt M16×1.5×20	15983124/10312	1
				11	Support, hose, brake	5135643/1.68.558	1
				12	Bolt M8×14	GB 5783-86	1
3	Connector with parking light signal, master cylinder (RH), brake	5111683/1.68.521	1	13	Washer 8-Zn.D	GB 7244-87	1
				14	Oil pipe clamp (2-4.7D type)	14575380/14562	1
4	Connecting bolt, hose (LH), master cylinder, brake	8A0806801/1.68	1	15	Support, hose, brake	5129308/1.68.527	1
				16	Brake oil pipe assembly (LH)	SZ1004.43.012	1
5	Connecting bolt, hose (LH), master cylinder, brake	5103908/1.68.522	1		Brake oil pipe assembly (RH)	SZ1004.43.011	1
				17	Oil tank, control mechanism, service brake	1.68.201/5105871	1
6	Connecting bolt, hose (LH), master cylinder, brake	8A0806801/1.68	1	18	Cap assembly, oil tank	5105873/1.68.206A	1
				19	Fluid reservoir assembly, brake	5141671/1.68.201	1
7	Hose, brake control	1204-1.43.101	2	20	Hoop 10~16	JK000	4
8	Spring clamp	1.68.227/5141690	2	21	Oil inlet pipe, master cylinder	5101336/1.68.205	2

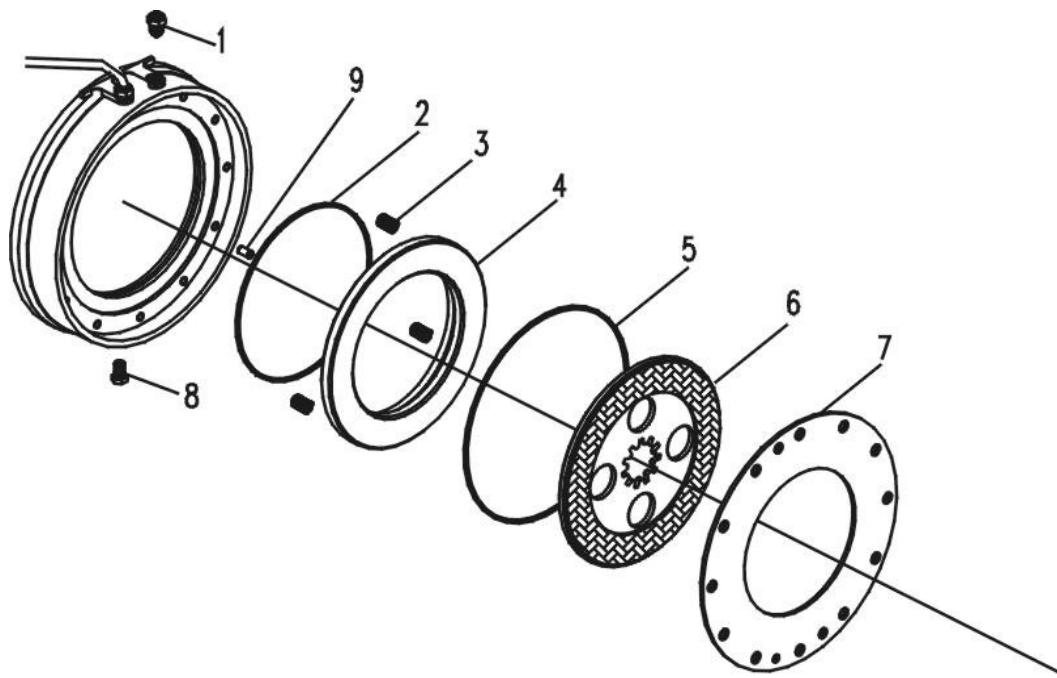
43 Service brake pedal control mechanism



43 Service brake pedal control mechanism

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Welded interlock pin unit, pedal	1604-1.43.019A	1	15	Connecting bolt, hose (LH), master cylinder, brake	5103908/1.68.522	1
2	Nut M10×1.25	GB/T 6173-2000	3				
3	Adjusting screw, pedal	4998727/1.68.031	3	16	Rectangular cross-section seal ring	14607/10298369	6
	M10×1.25×38.5				10×16×1		
4	Welded brake pedal unit (RH)	1604-1.43.017	1	17	Connector, parking signal (LR), master cylinder, brake	5111683/1.68.521	1
5	Circlip8	GB/T 896-1986	1				
6	Large bush	1604-1.43.121A	1	18	Connecting bolt, hose (LH), master cylinder, brake	885111684/1.68.523	1
7	Small bushing	1604-1.43.120A	2				
8	Shaft, pedal, brake	1604-1.43.109	1	19	Brake pump, service brake	8A4998964SZ/1.68.102	1
9	Bushing, shaft, brake pedal (RH)	5110545/1.68.011A	1	20	Connecting bolt, hose (LH), master cylinder, brake	885103908/1.68.522	1
10	Welded brake pedal unit (LH)	1604-1.43.018	1				
11	Washer 10	GB/T 97.1-1985	1				
12	Cotter pin 3.2×14	GB/T 91-86	1				
13	Welded brake pedal unit (LH)	4998760/1.68.035	2				
14	Circlip 17	GB/T894.1-1986	2				

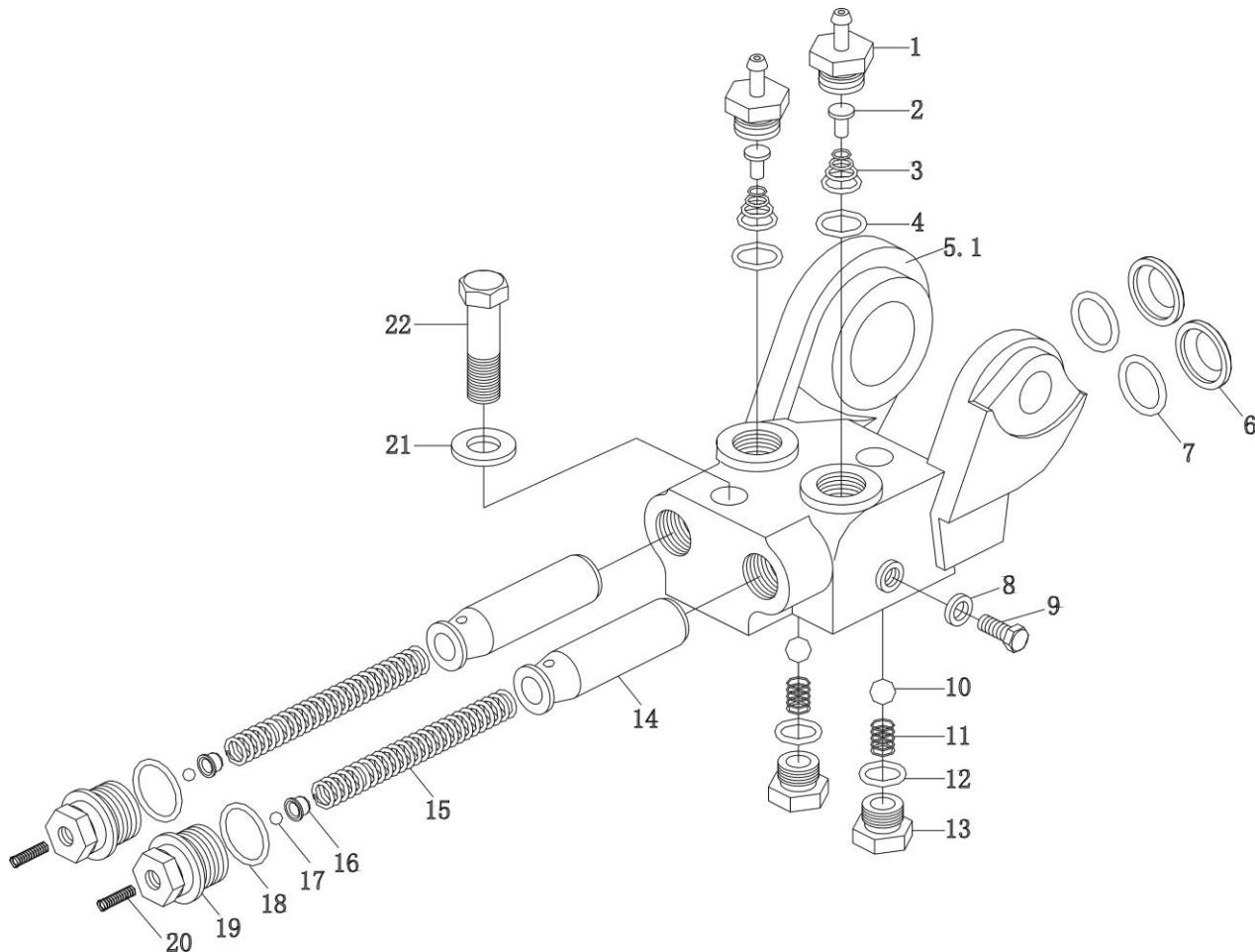
43 Service brake



43 Service brake

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Bleeder screw	5106843/1.65.332	2	5	Outer seal ring, piston, brake	5105540/1.65.331	2
	M12×1.25×24			6	Driven disc assembly, brake	8A4993585/1.65.327A	2
2	Inner seal ring, piston, brake	5105538/1.65.330	2	7	Lining plate, brake	5110139/1.65.370	2
3	Spring	5120761/1.82.431	6	8	Drain plug, piston, brake	5117615/1.65.344	2
4	Piston, brake	5110095/1.65.325	2	9	Dowel pin	5110094/1.48.050	6

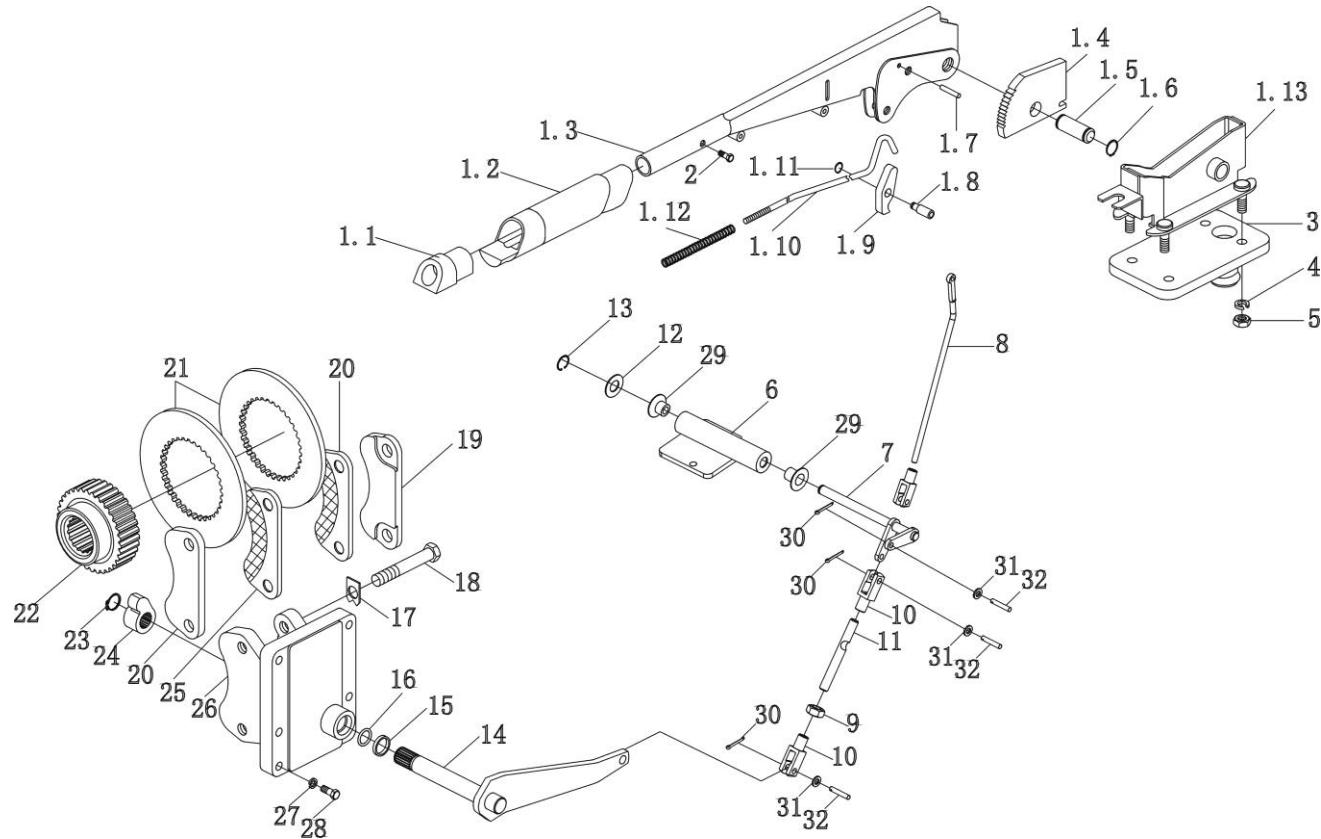
43 Service brake pump



43 Service brake pump

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Plug M22×1.5, check valve	5129893/1.68.123	2	10	Steel ball 12.7000G10b	GB 308-84	2
2	Check valve	884997674/1.68.112	2	11	Spring, compensation valve	4997678/1.68.119	2
3	Spring, check valve	4999488/1.68.113	2	12	O-ring 17.12×2.62	14457380/14618	2
4	O-ring 18.72×2.62	14457480/14618	2	13	Plug M20×1.5, compensation valve	4997680/1.68.122	2
5	Case with bushing, hydraulic pump, brake	4999492/1.68.104A	1	14	Piston, master cylinder, brake pump	4999443/1.68.108	2
				15	Return spring, piston & pedal	5101715/1.68.110	2
5.1	Housing, hydraulic pump, brake	4999491/1.68.104	1	16	Ball seat, throttle valve	4997676/1.68.117	2
6	Seal ring	884997684/1.68.125	2	17	Steel ball 6.3500G10b	GB 308-84	2
7	O-ring 24.99×3.53	14463280/14618	2	18	O-ring 26.64×2.62	14457980/14618	2
8	Rectangular cross-section seal washer	10298360/14607	1	19	Plug throttle valve M30×1.5	885103904/1.68.121	2
	10×16×1			20	Spring, throttle valve	4999311/1.68.118	2
9	Plug, oil passage, brake pump	881006801	1	21	Washer16-300HV-Zn	GB 97.1-85	2
				22	Bolt M16×1.5×90-Zn.D	GB 5785-86	2

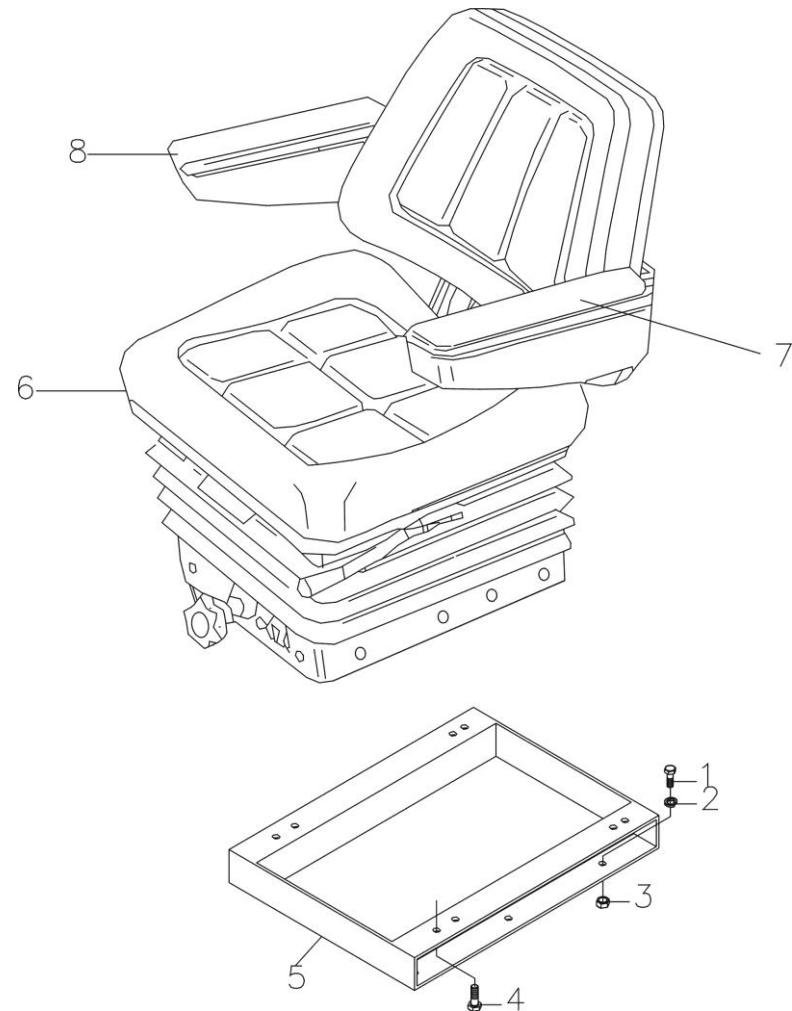
43 Parking brake assembly



43 Parking brake assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Hand brake lever assembly	5128767/1.67.206	1	11	Pull rod	1204-1.43.208A	1
1.1	Button assembly, handle, hand brake	5131438/1.67.221	1	12	Washer 16-140HV-Zn.D	GB 97.1-1985	1
1.2	Handle	885128431/1.67.220	1	13	Circlip 17	GB 94.1-1986	1
1.3	Hand brake lever unit	885128407/1.67.202	1	14	Outer drive link assembly, hand brake	5131555/1.67.209A	1
1.4	Locating sector rack	SZ804.43.402	1	15	Ring, inner pin	5101337/1.67.234	1
1.5	Pin, parking brake control	4988275/1.67.208	1	16	O-ring 18.72×2.62	14457480/14618	1
1.6	Circlip 14	GB 894.1-86	2	17	Locking plate14	14199000/10182	2
1.7	Rivet, limit detent	4985127/1.67.227	1	18	Hex head screw, brake	4995687/1.65.550	2
1.8	Pin, limit detent	SZ804.43.401	1	19	Shoe, parking brake	5114692/1.65.508	1
1.9	Limit detent, parking	5110155/1.67.223	1	20	Side sector plate assembly	5104773/1.65.503A	2
1.1	Control lever, limit detent	5128712SZ/1.67.222	1	21	Disc, parking brake	5112630/1.65.505	2
1.11	Circlip 6	GB 894.1-86	1	22	Hub, disc, parking brake	1204.38.110	1
1.12	Spring, button, hand brake lever	5105729/1.67.253	1	23	Circlip 19	11066775/12245	1
1.13	Bracket assembly, hand brake lever	1604-1.43.023	1	24	Internal rod	5112629/1.67.252	1
2	Screw M4×8	14440027/10355	1	25	Sector plate assembly (MID)	5104774/1.65.504	1
3	Stiffener, hand brake lever	5131546/1.67.215	1	26	Housing, parking brake	5112628/1.65.502	1
4	Washer 8-Zn.D	GB 7244-87	4	27	Washer 10	GB 7244-87	6
5	Nut M8-Zn.D	GB 6170-86	4	28	Bolt M10×1.25×35	GB 5786-86	6
6	Welded support plate unit	1204-1.43.022	1	29	Bushing, shaft, brake pedal (RH)	1.68.011A/5110545	2
7	Welded rocker unit	1204-1.43.023	1	30	Cotter pin 3.2×26	GB91-86	3
8	Drive link, hand brake	1204-1.43.207	1	31	Washer	GB97.1-85	3
9	Nut M10×1.25-Zn.D	GB 6173-86	1	32	Shaft, Pin B10×32-Zn.D	GB882-86	3
10	Coupling yoke	1204.43.105A	1				

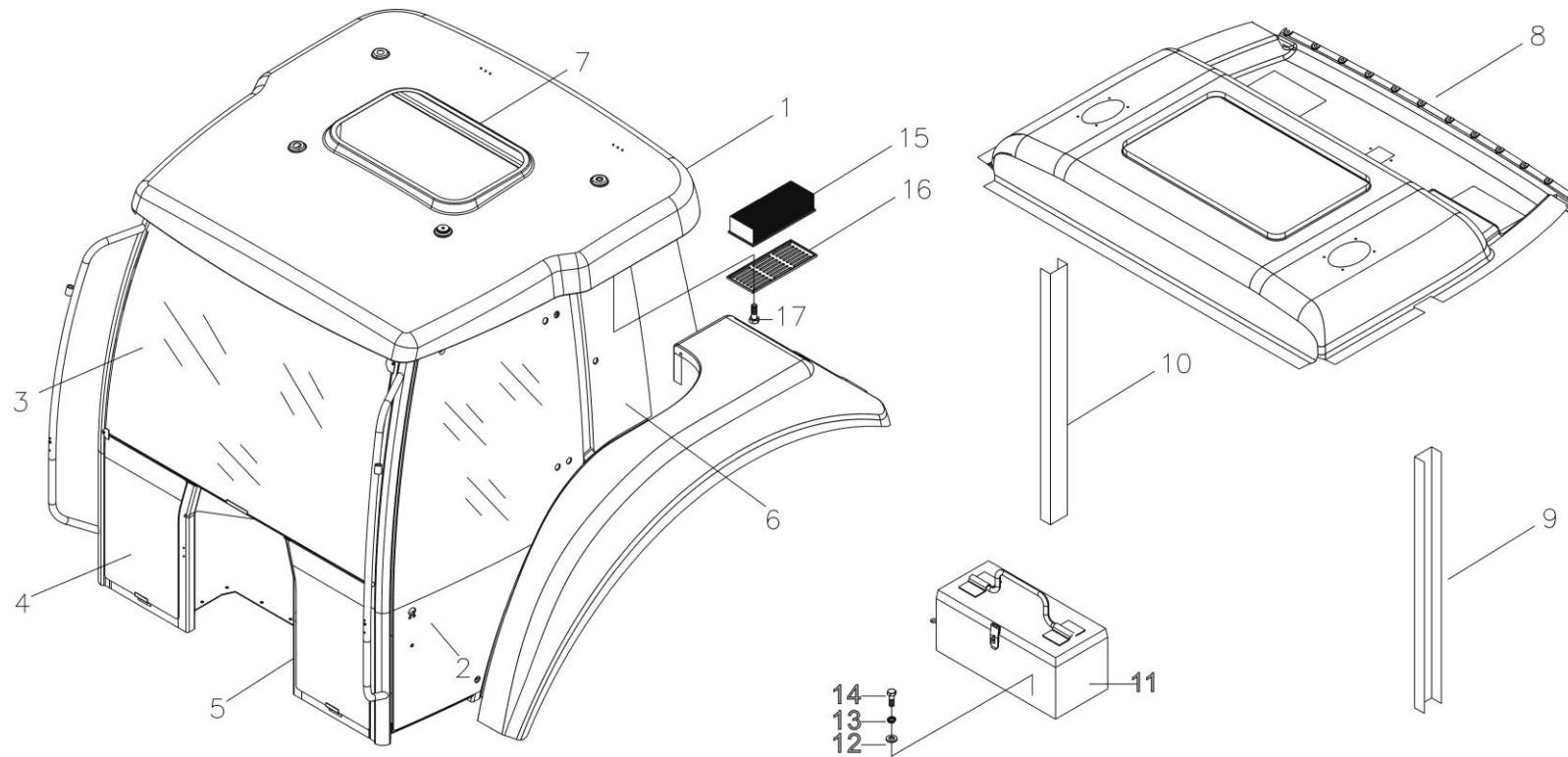
44 Driver's seat



44 Driver's seat

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Bolt M8×25-Zn.D	GB/T5783-2000	6				
2	Washer 8	GB/T93-1987	6				
3	Nut M8-Zn.D	GB/T6170-2000	6				
4	Bolt M8×20	GB/T5787-2000	6				
5	Bushing, shaft, brake pedal (RH)	LG1304.44.011	1				
6	Driver's seat	LG1304.44.010-E	1				
7	Handrail (LH)	XFZY-1-00-1	1				
8	Handrail (RH)	XFZY-1-00-2	1				

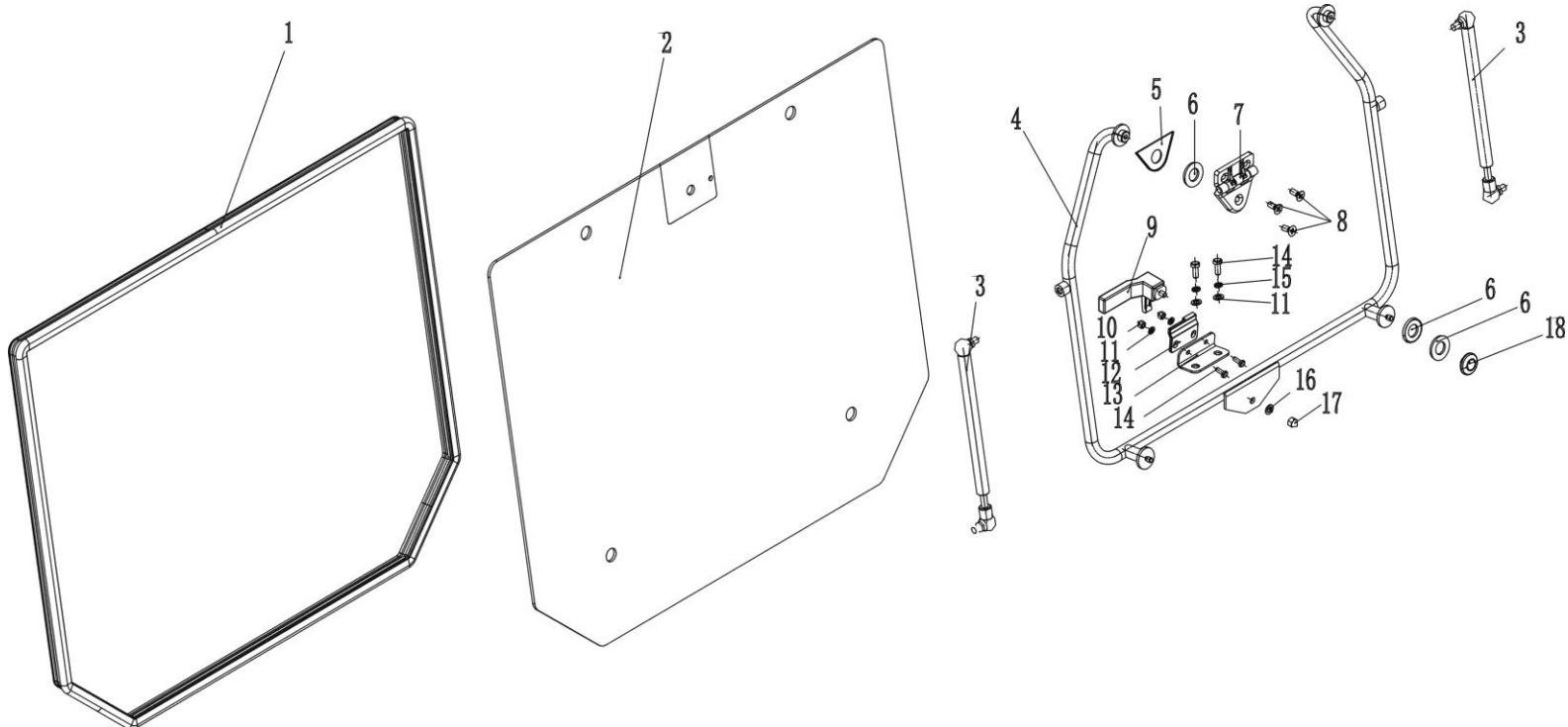
45 Cab



45 Cab

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Welded Driver's seat unit	LG1304.45.011	1	11	Tool kit	SZ1004.49.060	1
2	Door assembly (LH)	LG1304.45.031FG	1	12	Washer 10-Zn.D	GB/T97.1-2002	2
	Door assembly (RH)	LG1304.45.030FG	1	13	Washer 10-Zn.D	GB/T93-2002	2
3	Glass, window (FR)	LG1304.45.310FG	1	14	Bolt M10×25-Zn.D	GB/T5783-2000	2
4	Glass, window (LWR, RH)	LG1304.45.303FG	1	15	Cartridge, air cleaner	SZ804.45A.702	2
5	Glass, window (LWR, LH)	LG1304.45.302FG	1	16	Cover, cartridge, air cleaner	SZ804.45A.703	2
6	Side window assembly (LH)	LG1304.45.033FG	1	17	Tapping screw ST4.2×20	GB/T845-85	8
	Side window assembly (RH)	LG1304.45.032FG	1		Window assembly (RR)	LG1304.45.034FG	1
	Viewing glass	LG1304.45.230	1		Lock assembly, door	NBS502-1	1
7	Sun roof	DS/650E	1				
8	Trimmed roof	LG1304.45.211A	1				
9	Pillar (LH), interior trim	LG1304.45.224	1				
10	Pillar (RH), interior trim	LG1304.45.225	1				

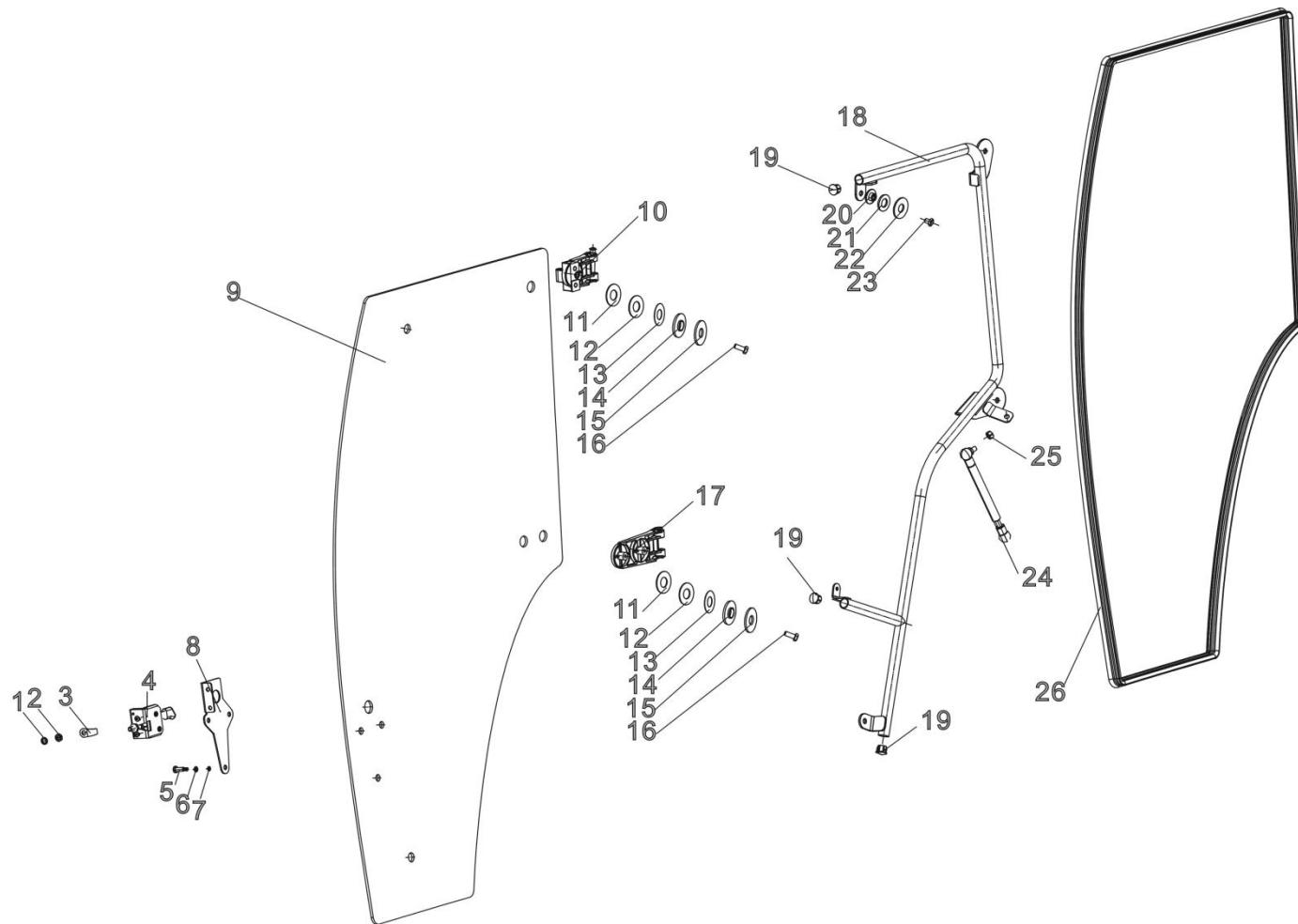
45 Rear window assembly



45 Rear window assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Seal, rear window	LG1304.45.355FG	1				
2	Glass, window (RR)	LG1304.45.308FG	1				
3	Air spring, support, window (RR)	804C.45.312	2				
4	Handrail weldment, rear window	LG1304.45.044FG	1				
5	Side window movable hinge gasket	4/5140411	2				
6	Gasket, round nut	4-5108657	6				
7	Hinge unit, side window	4/5125025	2				
8	Screw	Q2540820	6				
9	Lock handle unit, window (RR)	4/5121931	1				
10	Cap nut M6-Zn.D	GB/T923	2				
11	Washer 6	GB/T97.1-2002	2				
12	Stop, locking handle, rear window	4/5124764	1				
13	Locking bracket unit, rear window	LG1304.45.017FG	1				
14	Bolt M8X20-Zn.D	GB/T819.1	2				
15	Spring washer 8	GB/T93	2				
16	Cap nut M8-Zn.D	GB/T923	2				
17	Washer 8	GB/T97.1-2002	2				
18	Round nut, handle, rear window	4/5120540	4				

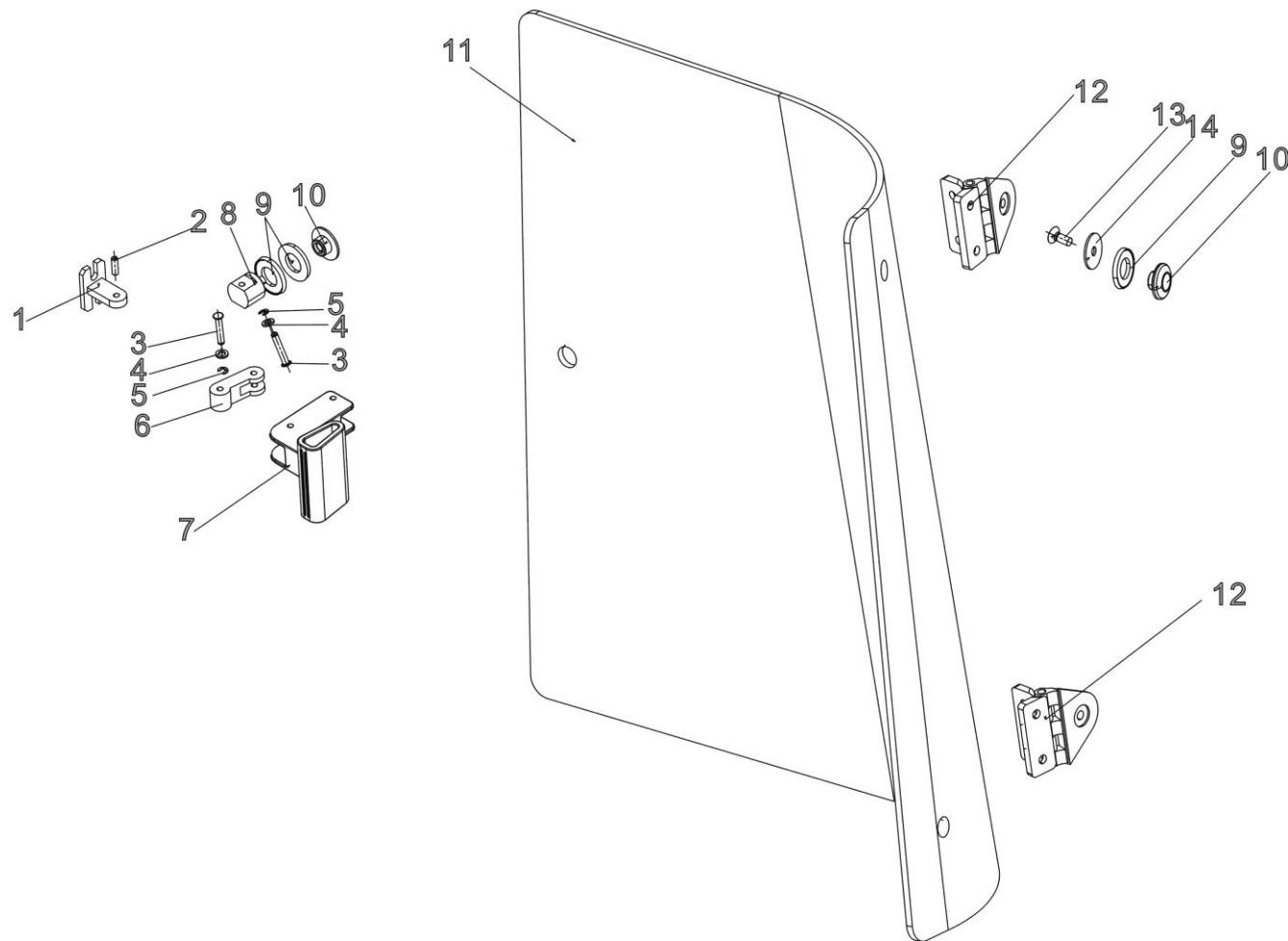
45 Door assembly (LH/RH)



45 Door assembly (LH/RH)

No.	Part No.	Part Name	Qty.	No.	Part No.	Part Name	Qty.
1	GB/T70.1	Screw M8*20-8.8-Zn.D	4	15	GB/T97.1-2002	Washer10	4
2	GB/T93-1987	Washer 8	2	16	GB/T5783	Bolt M10*25-8.8-Zn.D	3
3	GB/T97.1-2002	Washer 8	4	17	700.45.068FG	Double-hole hinge unit	1
4	700.45.603-1FG	Retaining plate, lock cylinder, door (LH)	1	18	LG1304.45.037FG	Door handle welded unit (L)	1
	700.45.604-1FG	Retaining plate, lock cylinder, door (RH)	1		LG1304.45.036FG	Door handle welded unit (R)	1
5	GB/T6170-2000	Nut 6-Zn.D	3	19	804C.45.272	Blind cover	3
6	GB/T93-1987	Spring washer 6-Zn.D	7	20	GB/T6170-2000	Nut 8-Zn.D	2
7	GB/T97.1-2000	Washer 6-Zn.D	3	21	4/5120540	Round nut of rear window handle	2
8	700.45.069FG	Retaining plate, door handle	1	22	4-5108657	Gasket, round nut	4
9	LG1304.45.305FG	Door window (L)	1	23	GB/T5783	Bolt M8*20-8.8-Zn.D	2
	LG1304.45.304FG	Door window (R)	1	24	LG1304.45.317FG	Air spring	1
10	LG1304.45.067FG	Top hinge unit	1	25	GB/T6170-2000	Nut 10-Zn.D	1
11	804C.45.253	Outer gasket, hinge (UPR)	7	26	LG1304.45.333FG	Door seal strip	1
12	700.45.259	Inside liner of hinge	3				
13	700.45.258	Rubber pad, door hinge	3				
14	GB/T93-1987	Spring washer 10-Zn.D	6				

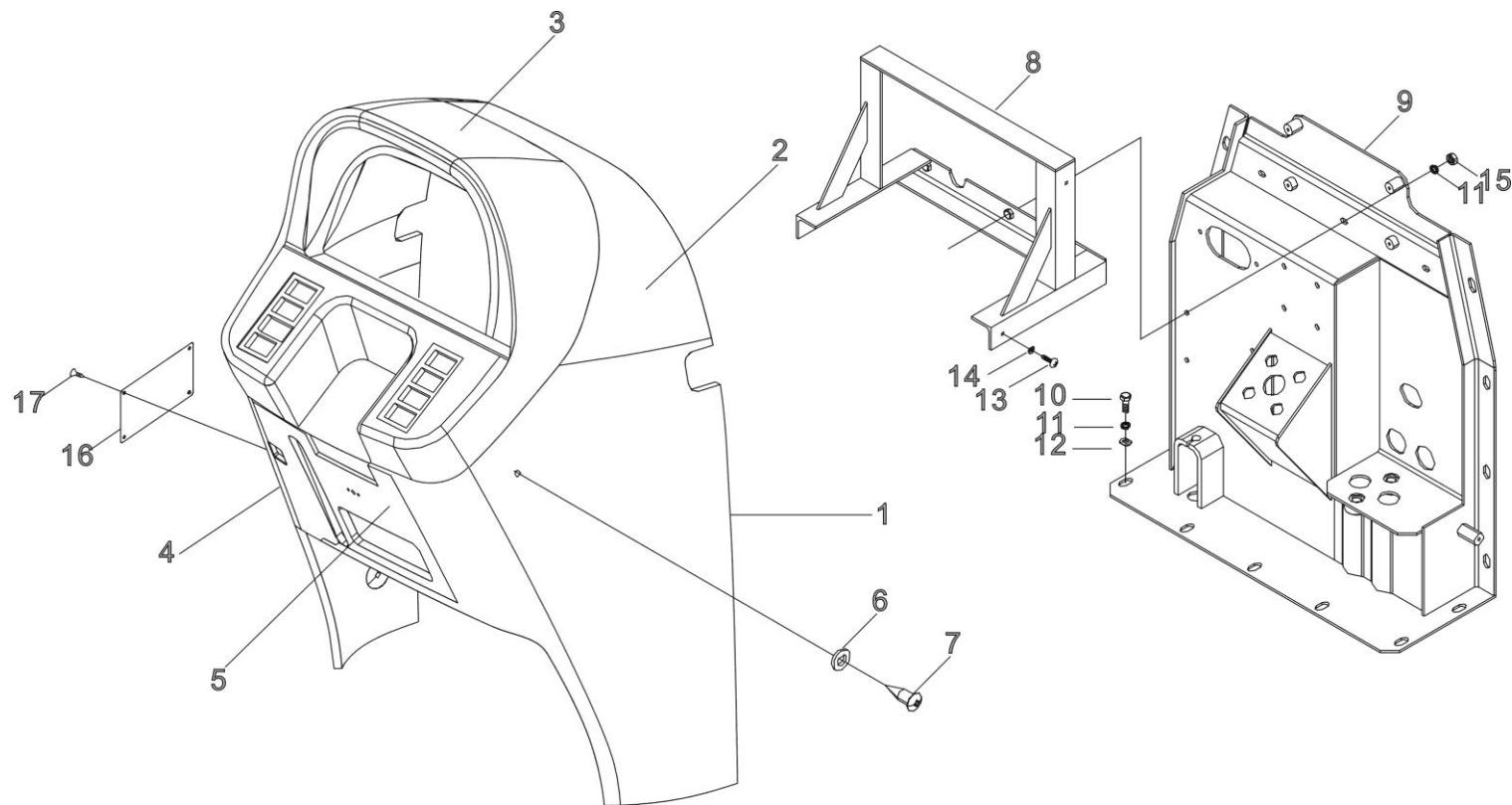
45 Side window assembly (LH/RH)



45 Side window assembly (LH/RH)

No.	Part No.	Part Name	Qty.	No.	Part No.	Part Name	Qty.
1	804C.45.063	Side window opening mechanism bracket unit	1				
2	804C.45.299	Short pin	1				
3	804C.45.298	Long pin	2				
4	GB/T97.1-2000	Washer 6-Zn.D	2				
5	GB/T896	Circlip 5	2				
6	804C.45.297	Side window locking draw bar	1				
7	804C.45.296	Side window locking handle	1				
8	804C.45.300	Movable hinge support	1				
9	4/5108657	Gasket, round nut	4				
10	4/5120540	Rear window handle round nut	3				
11	LG1304.45.307FG	Glass, side window (LH)	1				
	LG1304.45.306FG	Glass, side window (RH)	1				
12	4/5125025	Hinge unit, side window	2				
13	GB/T70.1	Screw M8X25-Zn.D	4				
14	GB/T97.1-2002	Washer 8	2				

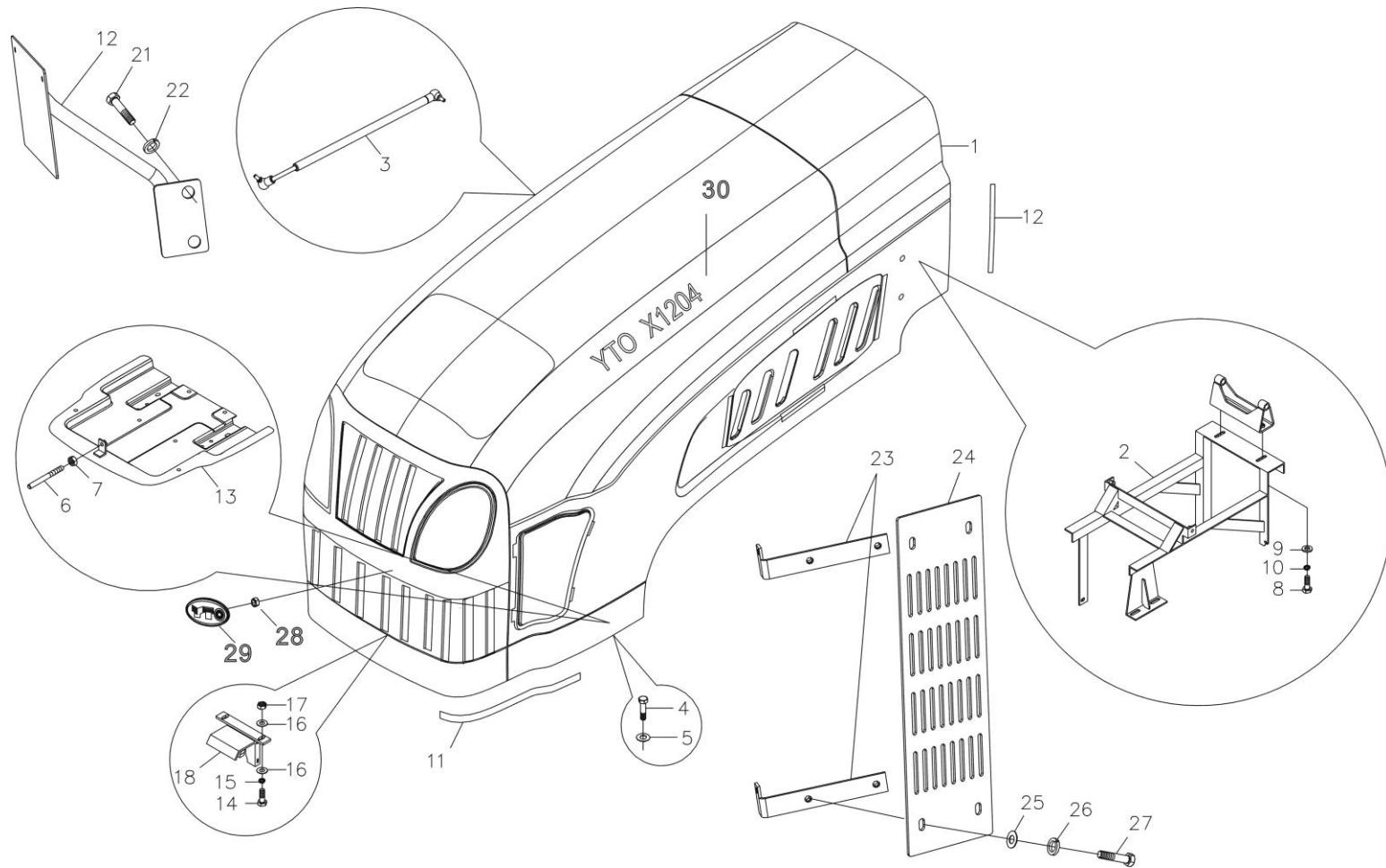
45 Rear hood



45 Rear hood

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Shield (RH)	1204-1.45.424	1				
2	Cover plate (RR)	1204-1.45.422	1				
3	Instrument mask unit	1204-1.45.042	1				
4	Shield (LH)	1204-1.45.423	1				
5	Connecting plate (FR)	1204-1.45.425	1				
6	Washer	SZ700.45.497	13				
7	Tapping screw	GB845-86	13				
	ST4.2×32-C-H						
8	Support weldment, instrument panel	1204-1.45.045	1				
9	Bracket weldment, rear hood	1204-1.45.041-1	1				
10	Bolt M8×25-Zn.D	GB/T5783-2000	15				
11	Washer 8	GB/T93	18				
12	Washer 8	GB/T97.1	15				
13	Bolt M6×20	GB818	6				
14	Washer 6	GB/T97.1	6				
15	Nut M8-Zn.D	GB/T6170-2000	3				
16	Machine nameplate (in English)	SZ700.00.304-2	1				
17	Tapping screw ST3.5*13-zn.D-Fe/Zn12A	GB/T845	4				

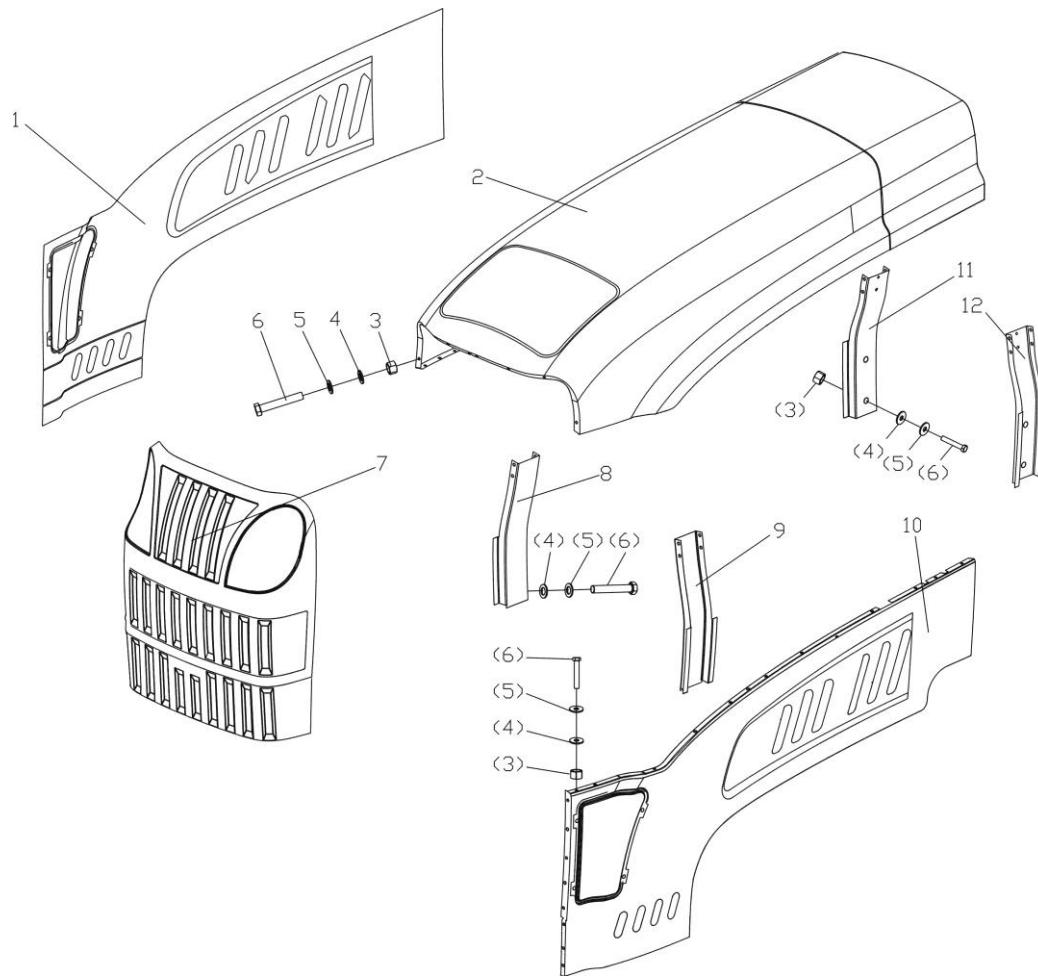
47 Hood



47 Hood

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Hood unit	1204-1.47.010-2	1	14	Bolt M8×25	GB5783-2000	2
2	Hood inner bracket weldment	SZ1304.47.040-4	1	15	Washer 8	GB/T93-87	2
3	Air spring	1204-1.47.026-1	1	16	Washer 8	GB/T95-87	4
4	Bolt	GB/T5783-86	1	17	Nut M8	GB/T13681	2
5	Washer 12	GB861.2-87	1	18	Lock, hood	1204-1.47.025	1
6	Lock cylinder	1204-1.47.164-1	2	21	Bolt M16×1.5×30	GB/T5786-2000	2
7	Nut M10×1	GB/T6172.1-2000	6	22	Washer 16-Zn.D	GB/T93-1987	2
8	Screw M10×40	GB/T5783-2000	6	23	Bracket unit (LH)	SZ4105T.540071F	2
9	Washer 10	GB/T5287-2000	1		Bracket unit (RH)	SZ4105T.540072F	2
10	Washer 10	GB/T93-2000	1	24	Guard plate	SZ4105T.540073F	2
11	Seal (LWR), hood	1204-1.47.129	2	25	Washer 8-Zn.D	GB/T96.1-2002	8
12	Holder, license plate	SZ804.47.086	2	26	Washer 8-Zn.D	GB/T7244-1987	8
13	Bearing plate, radiator	SZ1204-1.47.035-1	2	27	Bolt M8×20	GB/T5783-2000	8
				28	Nut M5-Zn.D	GB/T6177-2000	2
				29	Front logo	SZ804.98.310	1
				30	Emblem (LH)	1204-1.98.401	1
					Emblem (RH)	1204-1.98.402	1

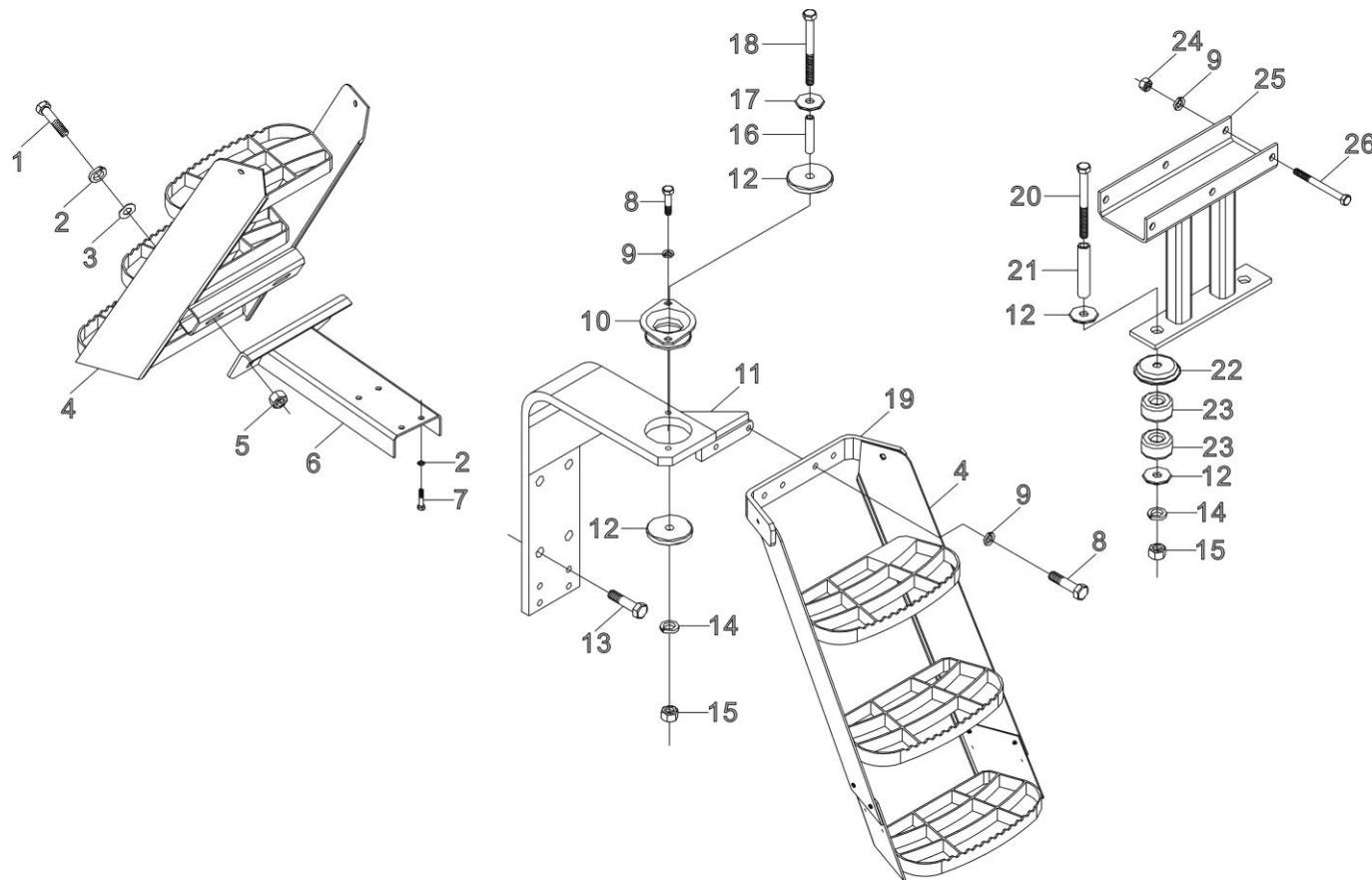
47 Hood



47 Hood

No.	Part No.	Part Name	Qty.	No.	Part Name	Part No.	Qty.
1	1204-1.47.014B	Side panel unit (RH)	1				
2	1204-1.47.012B	Upper cover plate unit	1				
3	GB/T6170	Nut M6-8-Zn.D	41				
4	GB/T97.1	Washer 6-140HV-Zn.D	61				
5	Washer GB/T93	Washer 6-Zn.D	63				
6	GB/T818	Screw M6*16-4.8-Zn.D	63				
7	1204-1.47.011B	Engine hood front face unit	1				
8	1204-1.47.108	Rib (FR)	1				
9	1204-1.47.107	Rib (LF)	1				
10	1204-1.47.013B	Plate unit (L)	1				
11	GB/T96.1	Washer 6-140HV-Zn.D	2				
12	1204-1.47.112	Rib (RR)	1				
13	1204-1.47.111	Rib (LR)	1				

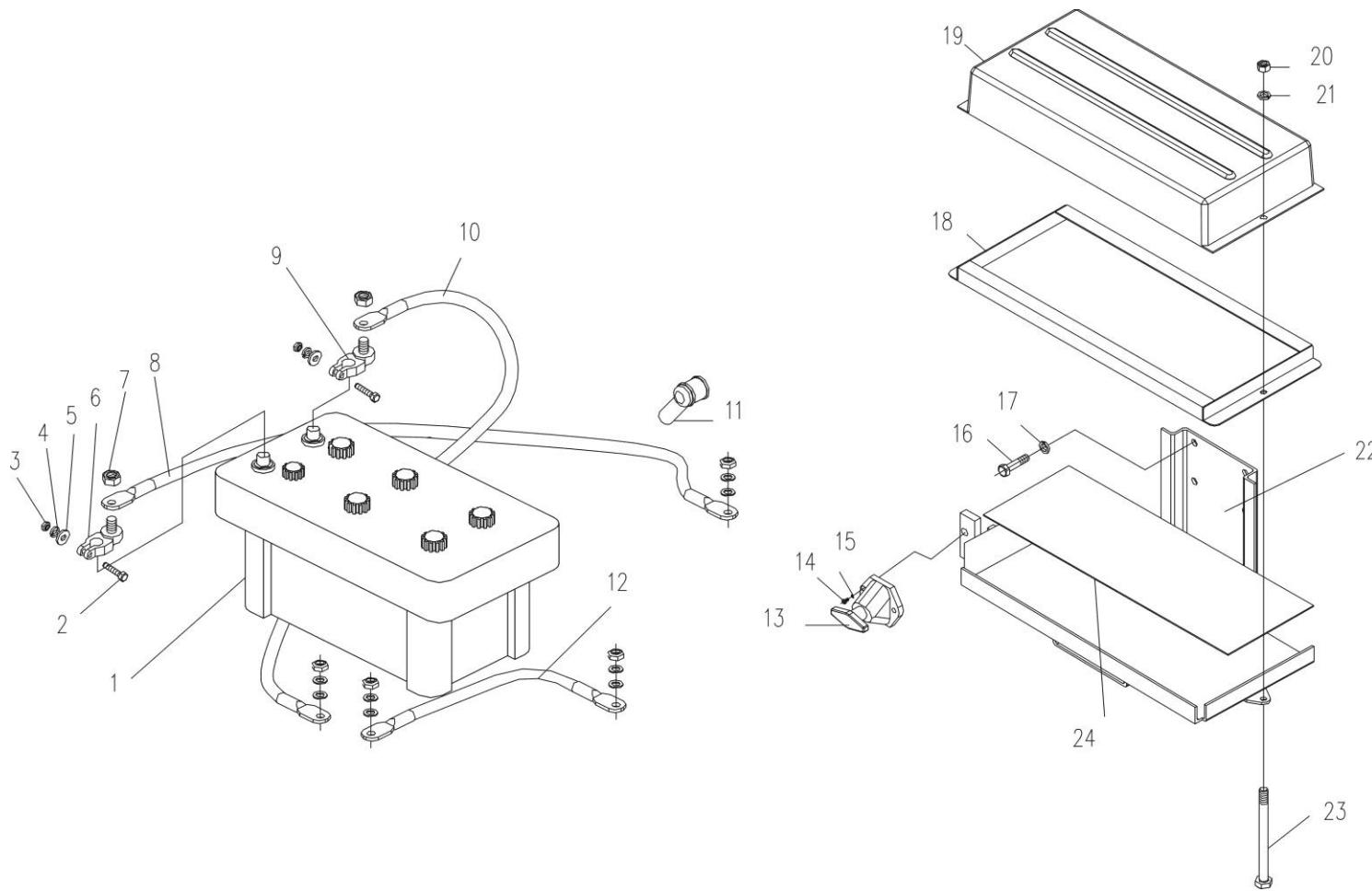
47 Step & suspension assembly



47 Step & suspension assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Bolt M10×65-Zn.D	GB/T5783-2000	4	15	Nut M16×1.5	GB/T6171-2000	6
2	Washer 10-Zn.D	GB/T93-1987	16	16	Inner spacer, suspension (FR)	5132014/1.87.0	2
3	Washer 10-Zn.D	GB/T96-1985	12	17	Washer (LWR)	4997422/1.87.039	10
4	Step unit	SZ1204-1.47.027-1	2	18	Bolt	GB/T5785-2000	2
5	Nut M10-Zn.D	GB/T6170-2000	4		M16×1.5×120-Zn.D		
6	Bracket, step (RH)	1204-1.47.034	1	19	Connection frame, step	LG1304.47.412-1	2
7	Bolt M10×25-Zn.D	GB/T5783-2000	8	20	Bolt	GB/T5785-2000	4
8	Bolt M12×30-Zn.D	GB/T5783-2000	8		M16×1.5×150-Zn.D		
9	Washer 12-Zn.D	GB/T93-1987	12	21	Inner spacer, rear suspension	5132015/1.87.0	4
10	Elastic support, front suspension, floor	5132016/1.87.0	2	22	Cover (UPR), buffer washer	4997421/1.87.043	4
11	Bracket unit (LH), cab	1204-1.47.031	1	23	Buffer washer	4997423/1.87.038	8
	Bracket unit (RH), cab	1204-1.47.032-1	1	24	Nut M12-Zn.D	GB/T6170-2000	4
12	Washer (LWR), front suspension	1.87.0/5132012	4	25	Bracket unit (RR), cab	1204-1.47.030-1	2
13	Bolt	GB/T5786-2000	8	26	Bolt M12×150-Zn.D	GB/T5782-2000	4
	M20×1.5×50-Zn.D						
14	Washer 16-Zn.D	GB/T93-1987	6				

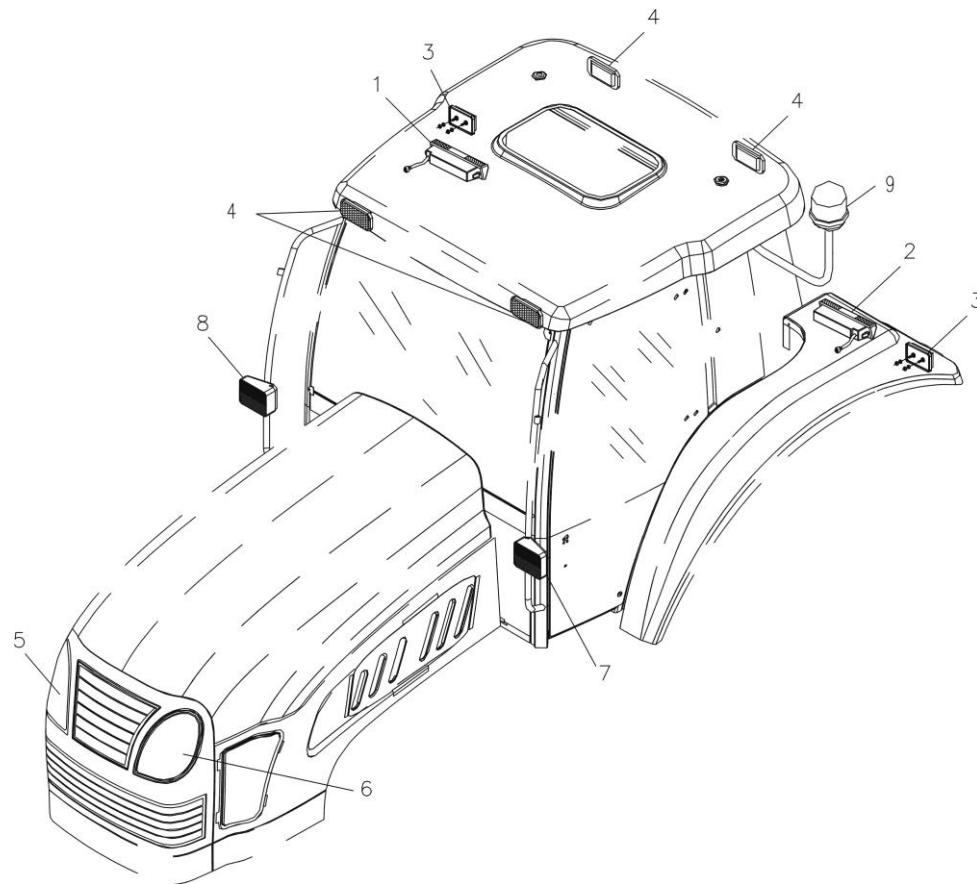
48 Starting cables, battery tray & fixture



48 Starting cables, battery tray & fixture

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Battery	6-QW-150	1	18	Welded battery pressure plate unit	1204-1.63.011	1
2	Bolt M6×30	GB 5786-2000	2	19	Battery hood	1254C.48.301	1
3	Washer 6	GB 97.1-1987	2	20	Nut M8	GB6170-2000	4
4	Washer 6	GB 93-1987	2	21	Washer 8	GB/T93-1987	4
5	Nut M6	GB 6170-2000	2	22	Welded battery carrier unit	SZ1204-1.63.010	1
6	Battery negative terminal	SZ1204-1.48.212	1	23	Stay bolt	1204-1.63.102	2
7	Nut M10	GB 6170-2000	2	24	Rubber pad, battery	1204-1.63.101	1
8	Ground cable, battery (-)	SZ1204-1.48.061	1				
9	Battery positive terminal	SZ1204-1.48.211	1				
10	Battery positive pole to power switch cable	SZ1204-1.48.060	1				
11	Guard, wiring, starter	SZ804.48.106	5				
12	Power switch to starter cable	1604-1.48.063	1				
13	Power switch	JK451	1				
14	Bolt M8×30	GB 5783-2000	2				
15	Washer 8	GB 7244-1987	4				
16	Bolt M10×25-Zn.D	GB/T5783-2000	4				
17	Washer 10	GBT6170-2000	2				

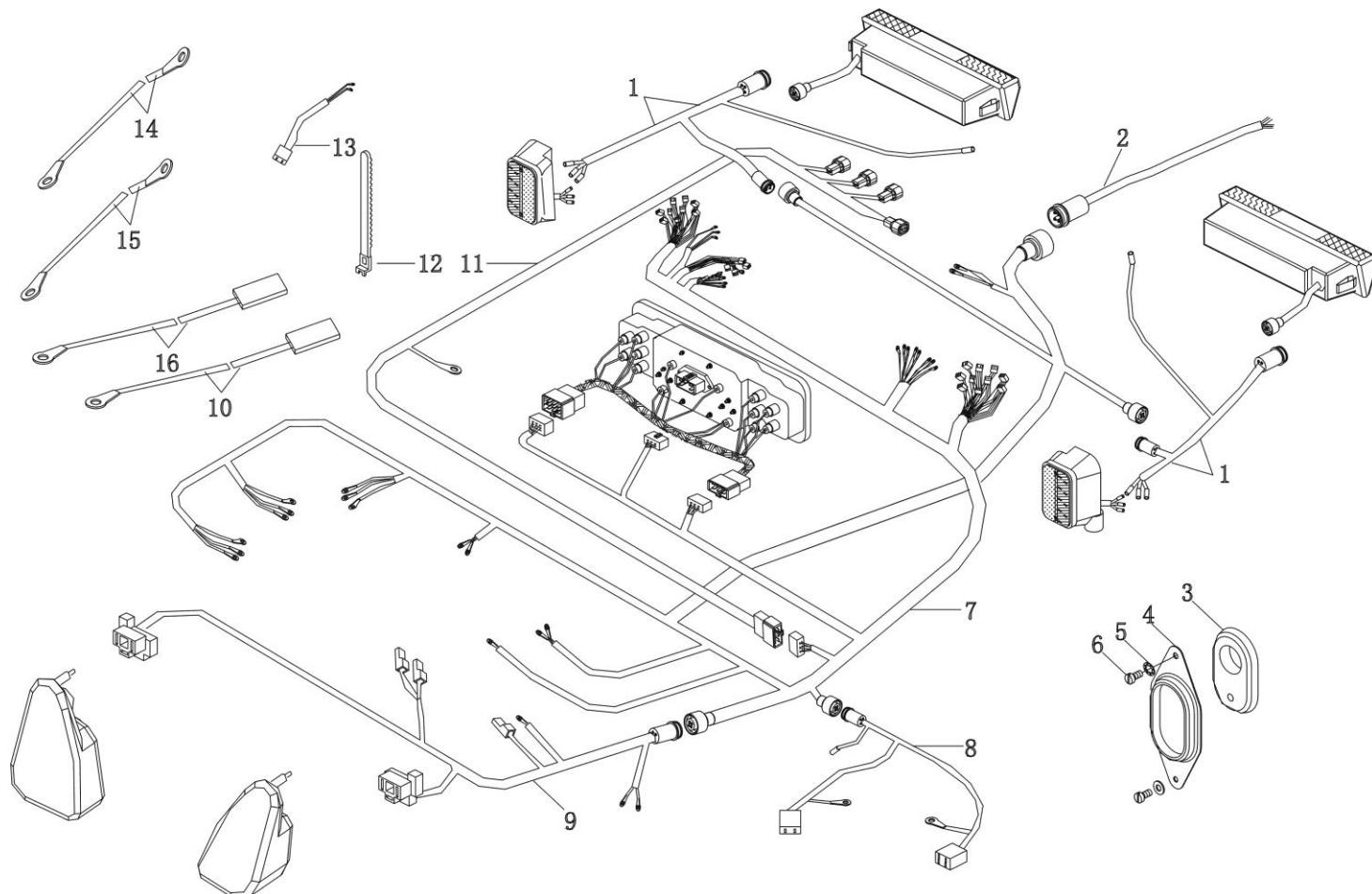
48 Electrical equipment & instrumentation-lighting system



48 Electrical equipment & instrumentation-lighting system

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Combination taillight (RH)	Z-HX180-EA(R)/12	1				
1.1	Bulb, turn light	1141 12V 21W	1				
1.2	Bulb, position light (RR)	89 12V 5W	1				
1.3	Bulb, brake light	1141 12V 21W	1				
2	Combination taillight (LH)	Z-HX180-EA(L)/12	1				
3	Reflector	LHF-SQ-011	2				
4	Rectangular work light	WFD-2020-1A	4				
4.1	Bulb	H3 12V 55W	6				
5	Combination headlight (LH)	700.48.030-1	1				
5.1	Bulb, high beam & low beam	H1 12V 55W	One for each				
6	Combination headlight (RH)	700.48.031-1	1				
7	Signal light (FR, LH)	Z-QX110×70-E(L)/12	1				
7.1	Bulb, turn light	1141 12V 21W	1				
7.2	Bulb, position light (FR)	89 12V 5W	1				
8	Signal light (FR, RH)	Z-QX110×70-(R)/12	1				
9	Revolving caution light	LTD153A/12	1				

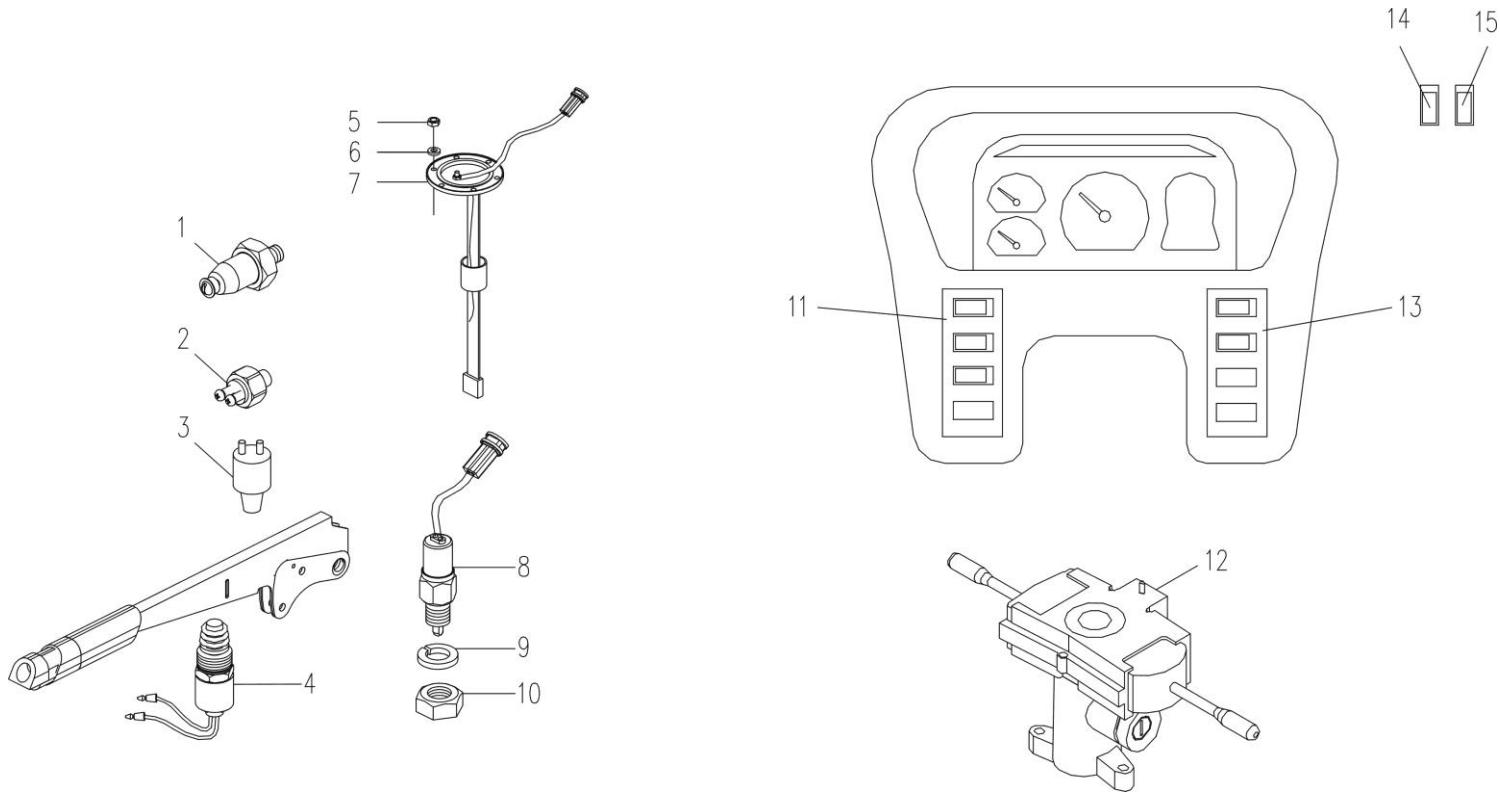
48 Electrical equipment & instrumentation-electrical system harnesses



48 Electrical equipment & instrumentation-electrical system harnesses

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Harness (RR, RH)	SZ1204-1.48.017	1	9	Harness (FR, LH)	1204-1.48.019-1	1
2	Harness, 7-hole trailer socket	8A5130585/1.75.418	1	10	Fusible link assembly, starter	1204-1.48.022	1
3	Wire guide	1204-1.48.102	1	11	Harness (RR, LH)	SZ1204-1.48.016	1
4	Cover, insulation pad	1204-1.48.103	1	12	Cable tie	885112712/1.75.488	10
5	Washer 5	GB 861.2-87	1	13	Harness, work light	886007542/1.75.411	1
6	Screw M5×16	GB 65-85	2	14	Ground wire, air intake heater	LG1304.48.020	1
7	Main harness	SZ1204-1.48.015	1	15	Connecting wire, preheat relay to air intake heater	LG1304.48.021	1
8	Cab harness	SZ1204-1.48.018	1				
				16	Fusible wire assembly, hazard warning	LX2004.48.021	1

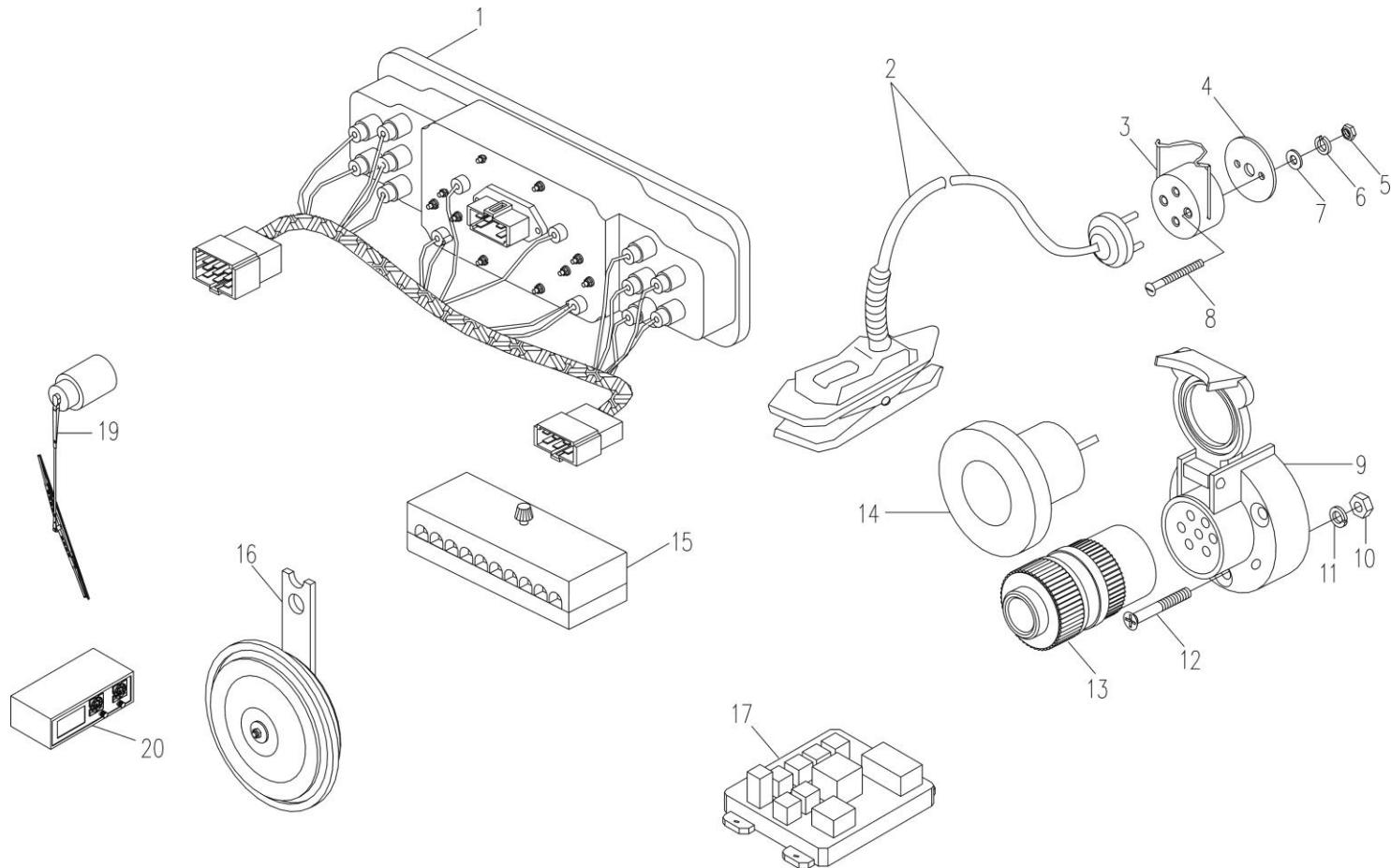
48 Electrical equipment & instrumentation-electrical system control components



48 Electrical equipment & instrumentation-electrical system control components

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Air pressure alarm	YB962/1.75.062	1	11	Four-gang rocker switch (LH)	JK932-1204-1-L	1
2	Switch, hydraulic brake light	JK613B/1.75.072	1	11.1	Hazard warning switch	JK932-192-2.4(HZ)	1
3	Oil pressure sensor	3846N-010-B2	1	11.2	Switch, work light (RR)	JK932-001-3.30b(HZ)	1
4	Switch, parking brake indicator light	JK232A/1.75.035	1	11.3	Blind cover	8SQZ31100/1.75.036	2
5	Nut M4	GB 6170-86	12	12	Combination switch	JK322	1
6	Washer 4	GB 93-87	6	12.1	Combination switch assembly	JK322H	1
7	Oil level sensor & heater	LTYW(DJR)-490N/12	1	12.2	Ignition switch assembly	JK322N	1
8	Oil delivery pipe with heater	LTYG(DJR)-1300	1	12.3	Housing assembly, combination switch	JK322W	1
	Fail-safe start switch	JK238A/1.75.019	1	13	Four-gang rocker switch (RH)	JK932-1204-1-R	1
9	Washer 14	GB 93-87	1	13.1	Master lighting switch	JK932-086-2.23(HZ)	1
10	Nut M14×1.5	GB 6173-86	1	13.2	Switch, work light (FR)	JK932-001-3.30a(HZ)	1
				13.3	Switch, heater, oil tank	JK932-001-3.19(HZ)	1
				13.4	Blind cover	8SQZ31100/1.75.036	1
				14	Switch, wiper (RR)	JK932-001-2.28(SX)	1
				15	Switch, rotating beacon	JK932-157-4.93	1

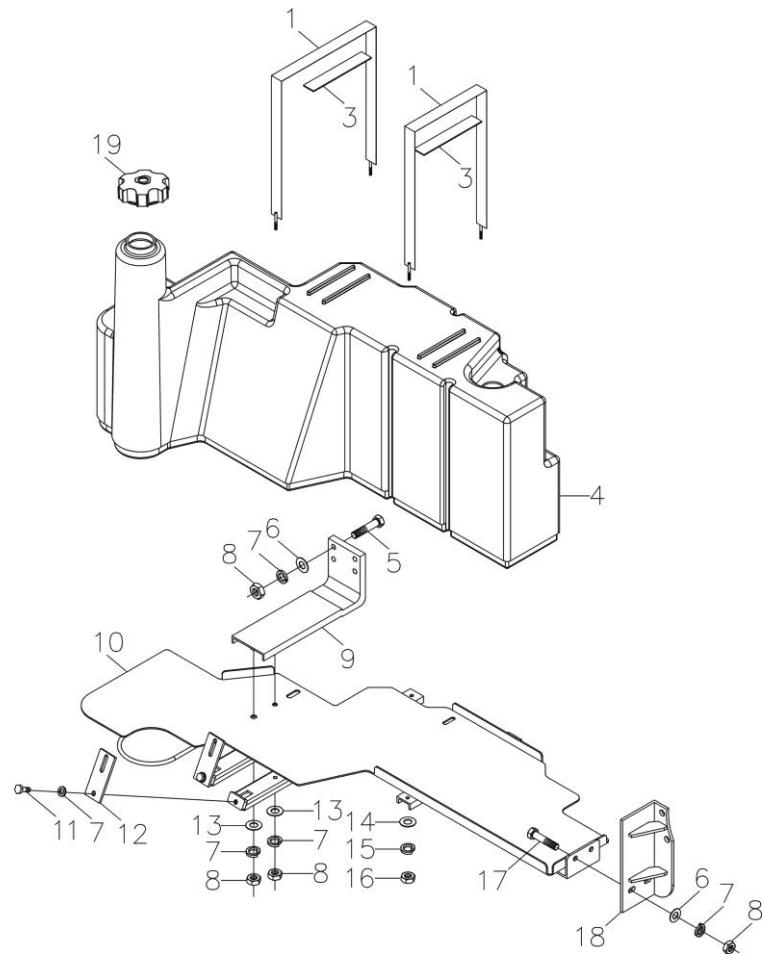
48 Electrical equipment & instrumentation-electrical system accessories



48 Electrical equipment & instrumentation-electrical system accessories

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Instrument cluster	ZB111	1	17	Central control box	PD0611-1204-1	1
2	Working light	NZ7-1/1.75.174	1		Relay	JD1914	1
3	Socket, work light	DJ103/1.75.176	1		Flasher	SG1514	1
4	Backing plate, socket, work light	880007520/1.75	1		Starting relay	JD133	1
5	Nut M4	GB 6170-86	2		Preheat controller	HK107	1
6	Washer 4	GB 93-87	2	19	Wiper (FR)	ZD1500	1
7	Washer 4	GB 67.1-85	2		Wiper (RR)	ZD1232	1
8	Screw M4×35	GB 68-85	2	20	CD player	LT701	1
9	7-hole trailer socket	DJ101/1.75.125A	1		On-board MP3	YT-5108	1
10	Nut M5	GB 6170-86	3				
11	Washer 5	GB 93-87	3				
12	Screw M5×35	GB 65-85	3				
13	7-hole trailer plug	DJ102/1.75.125A	1				
	(On-vehicle spare parts)						
14	Guard, 7-hole trailer socket	5102234/1.75.126	1				
15	Fuse box	BX510-1204-1A	1				
16	Horn	DL1290G/1.75.171	1				

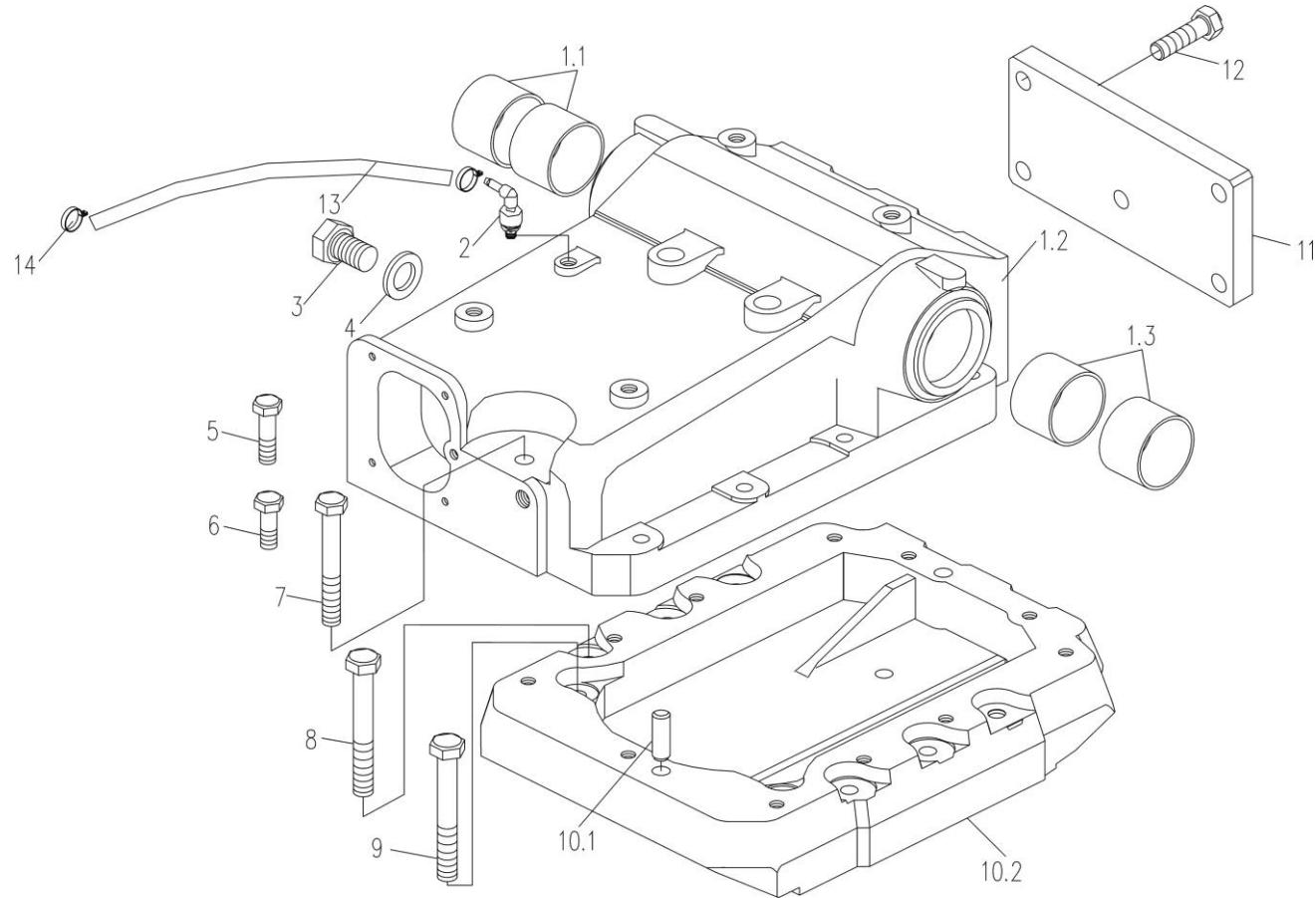
50 Fuel system



50 Fuel system

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Welded strap unit	1204-1.50.013-1	2	11	Bolt M12×25-Zn.D	GB/T 5783-2000	5
3	Pad, strap	1204-1.50.116-1	2	12	Connecting plate, step	1204-1.50.120	2
4	Oil tank	1204-1.50.018-1	1	13	Washer 12-Zn.D	GB/T 5287-1985	2
5	Bolt M12×65-Zn.D	GB/T 5782-2000	4	14	Washer 8-Zn.D	GB/T 93-1987	4
6	Washer 12-Zn.D	GB/T 97.1-2002	6	15	Washer 8-Zn.D	GB/T 97.1-2002	4
7	Washer 12-Zn.D	GB/T 93-1987	11	16	Nut M8-Zn.D	GB/T 6170-2000	4
8	Nut 12-Zn.D	GB/T 6170-2000	7	17	Bolt M12×35-Zn.D	GB/T 5783-2000	2
9	Welded bracket unit (FR)	1204-1.50.012-1	1	18	Welded connecting plate unit (RR)	1204-1.50.111-1	1
10	Welded bottom plate unit	1204-1.50.011-1	1	19	Oil tank cap with lock	1204-1.50.019	1

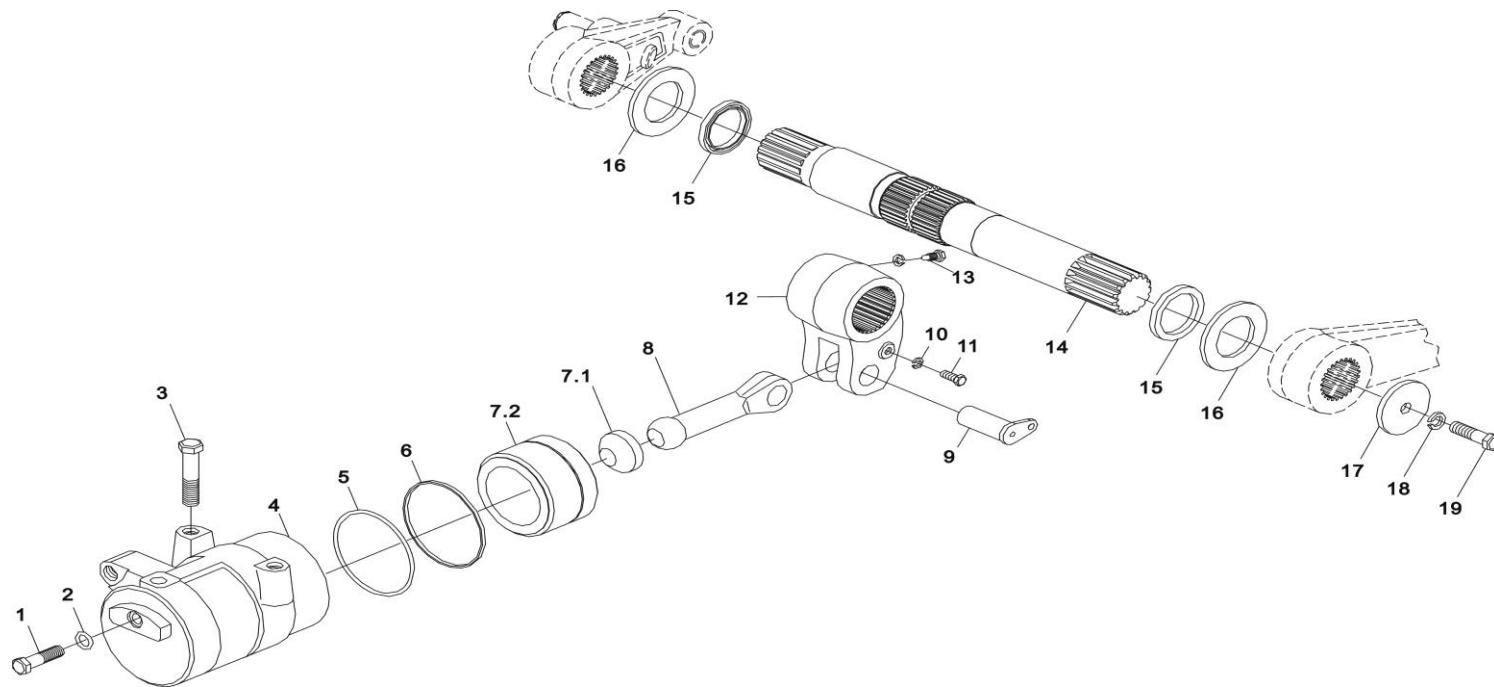
55 Lifter assembly with auxiliary cylinder-hydraulic lifter housing



55 Lifter assembly with auxiliary cylinder-hydraulic lifter housing

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Lifter housing unit	5131999/1.82.010A	1				
1.1	Bushing (RH), Lift shaft	5108108/1.82.016	2				
1.2	Lifter housing	5131997/1.82.010	1				
1.3	Bushing (LH), Lift shaft	5117165/1.82.017	2				
2	Joint unit, air outlet pipe	SZ1204.58F.015	1				
3	Plug M22×15, oil dipstick	10305171/14530	1				
	(Process plug for assembly)						
4	Rectangular cross-section seal washer	10263460/14607	1				
	22×28×1.5						
5	Bolt M12×1.25×45-Zn.D	GB 5785-86	7				
6	Bolt M12×1.25×35	15540521/10312	1				
7	Bolt M12×1.25×90-Zn.D	GB 5785-86	3				
8	Hexagon bold M14×1.5×90	GB 5785-86	6				
9	Connecting bolt, housing	1204.55.117	2				
10	Transitional housing with dowel pin		1				
10.1	Dowel pin 15×22	4985062/1.21.071	2				
10.2	Transitional housing, lifter	1204.55G.102-1	1				
11	Stiffener (RR), lifter	1204.55.115	1				
12	Bolt M14×1.5×35	GB 5786-86	5				
13	PVC hose	SG79-74	1				
	10×1×1300						
14	Clamp 10-16	JB/T8870-1999	2				

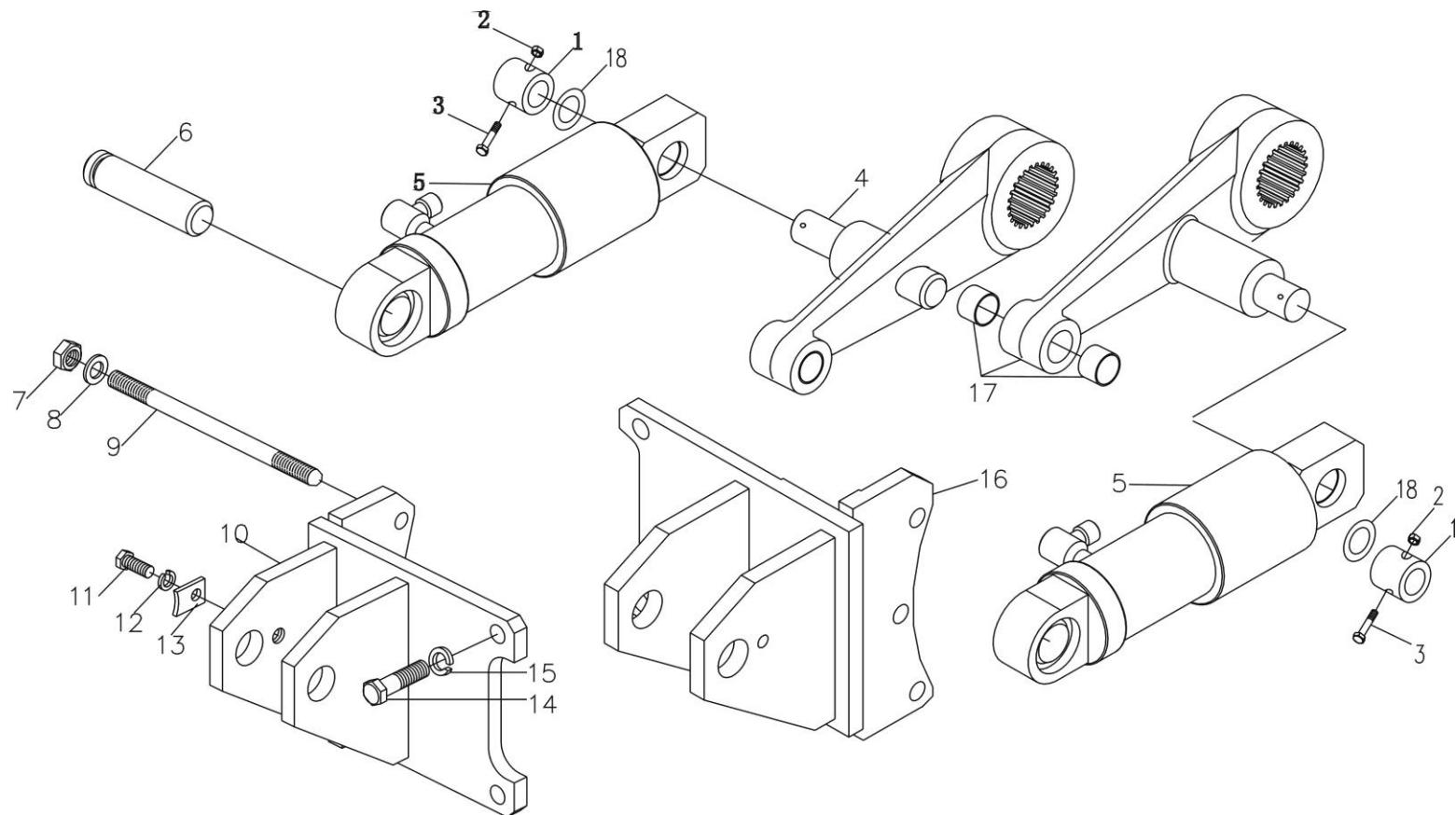
**55 Lifting device assembly with auxiliary cylinder-lifting device cylinder piston, lifting device shaft and
force transmission mechanism**



55 Lifting device assembly with auxiliary cylinder-lifting device cylinder piston, lifting device shaft and force transmission mechanism

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Bolt M14×1.5×65-Zn.D	11227034/10312	1	9	Pin, piston, lifter	5122356/1.82.813	1
2	O-ring 17.12×2.62	14457380/14618	1	10	Washer 10	GB 854-88	2
3	Bolt M16×1.5×75	15981334/10312	2	11	Bolt M10×1.25×16	15970321/10312	1
4	Cylinder, lifter	5131998/1.82.608	1	12	Inner lift arm assembly	5122372/1.82.805	1
5	O-ring 98.02×3.53	14465981/14618	2	13	Dowel bolt , inner lift arm	5117190/1.82.819	1
6	Retainer ring, O-ring, piston	5125941/1.82.611	2	14	Lift shaft	885117187/1.82.808	1
7	Piston assembly, lifter	5132001/1.82.612A	1	15	Double-lip oil seal 55×70×8	5105903/1.82.821	2
7.1	Support, piston rod	573148/1.82.615	1	16	Washer, bushing, lift arm	5111082/1.82.818	2
7.2	Piston, lifter	5132000/1.82.612	1	17	Washer, lift shaft	5122898/1.82.817	2
8	Piston rod	5121221/1.82.812	1	18	Washer 14	GB 859-87	2
				19	Bolt M14×1.5×30	11422321/10312	2

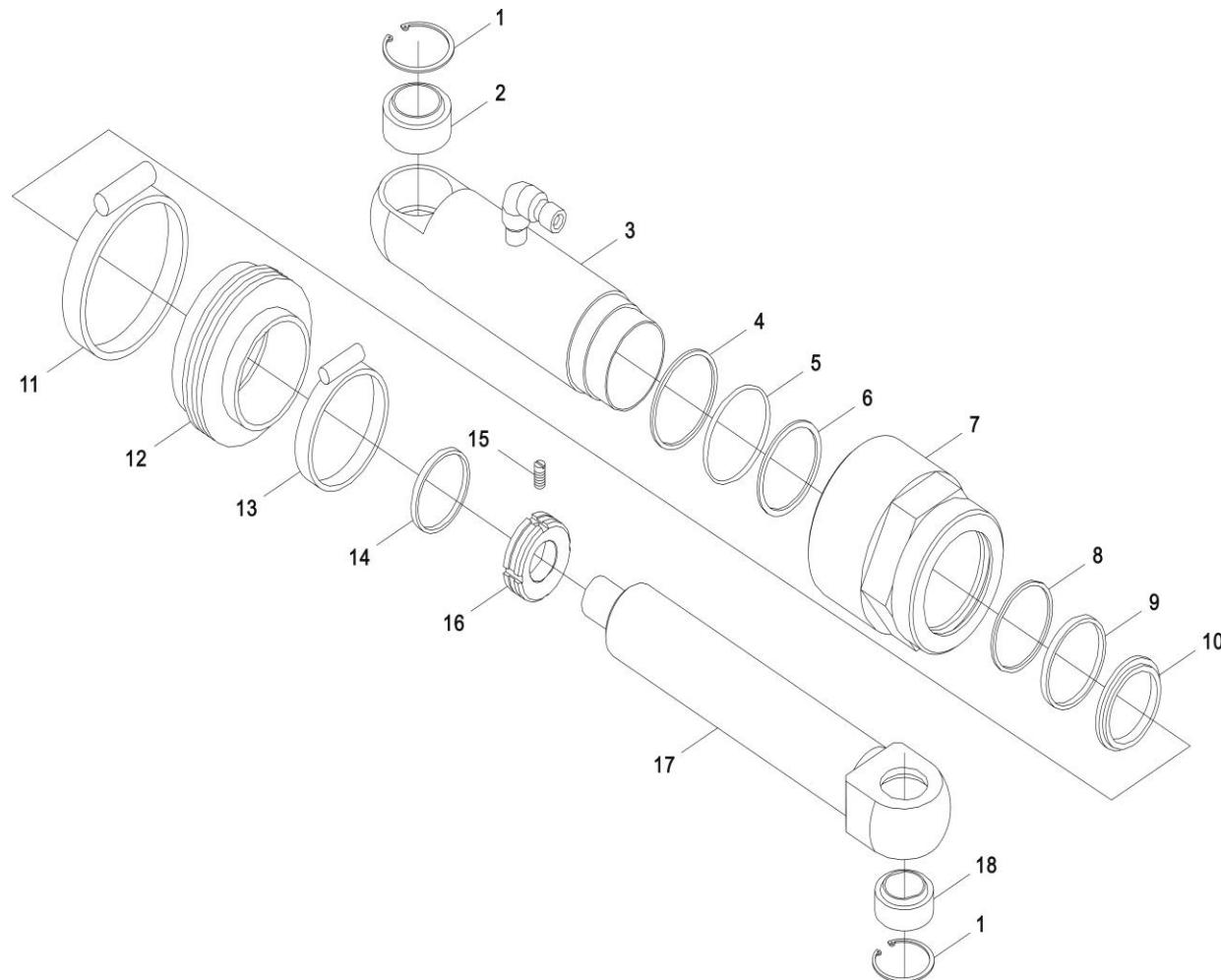
55 Lifter assembly with 2 auxiliary cylinders



55 Lifter assembly with 2 auxiliary cylinders

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Bushing, slave cylinder	1204.55.116	2	11	Bolt M10×1.25×16	GB 5786-86	1
2	Nut M8	GB6185.1-2000	2	12	Fastening pad	4402815/1.32.032	1
3	Bolt M8×50	GB5783-2000	2	13	Locking plate D=10	14198810/10182	1
4	Lift arm assembly (LH)	885132676/1.82.810A	1	14	Bolt M14×1.5×65	11227021/10312	4
5	Slave cylinder	SZ1204.55.082	2	15	Washer14		4
6	Pin, slave cylinder	SZ1204-1.55.130	2	16	Support assembly (RH), hinge, slave cylinder	1204.55.014-1	1
7	Nut M14×1.5	GB 6176-86	8				
8	Washer	587259/1.27.750	8	17	Lift arm assembly (RH)	1204.55.013A	1
9	Stud	1204.55.101	8	18	Shim, lift arm	44018747/1.82.195	2
10	Support assembly (LH), hinge, slave cylinder	1204.55.011-1	1				

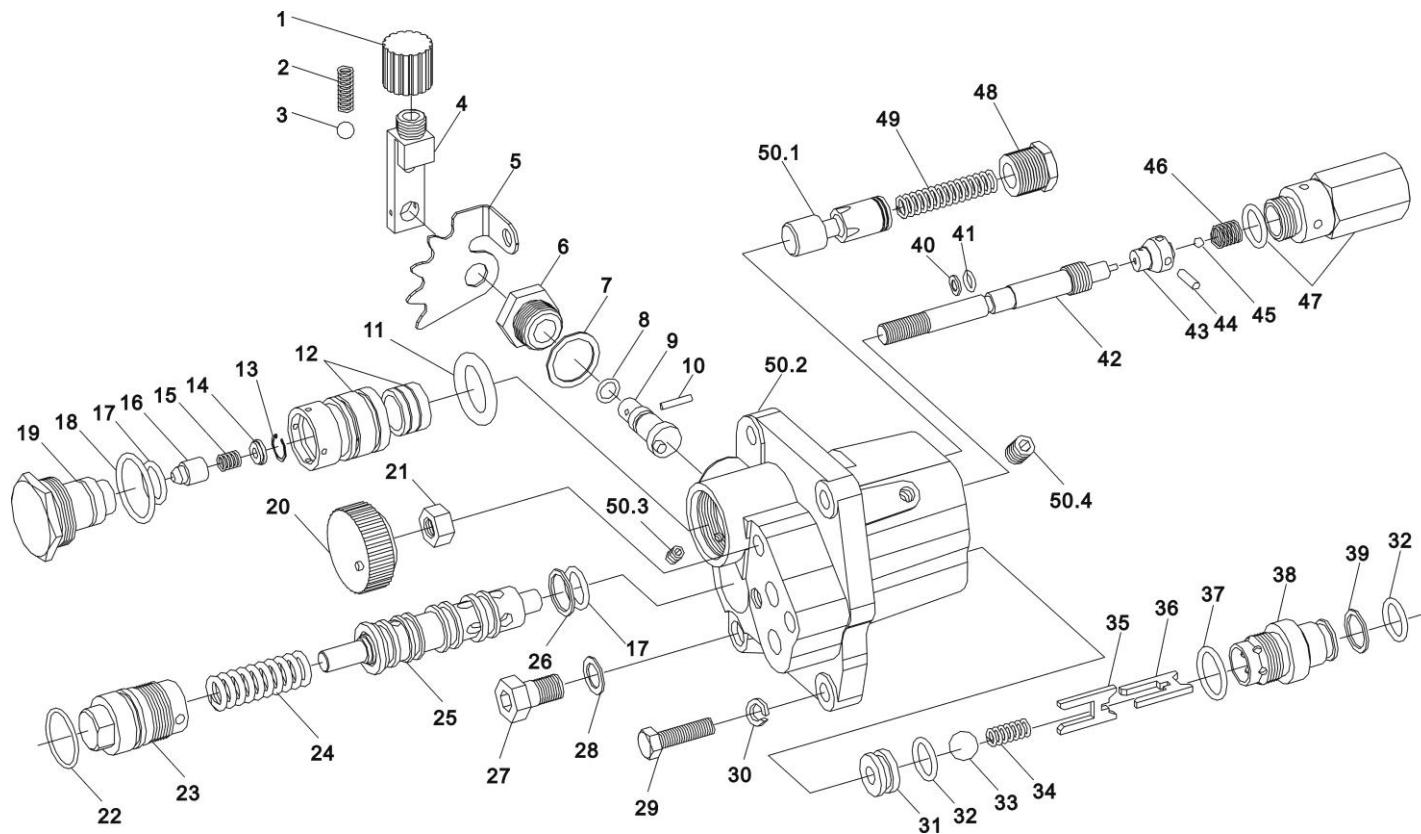
55 Auxiliary cylinder



55 Auxiliary cylinder

No.	Drawing No.	Part	Qty.	No.	Drawing No.	Part	Qty.
1	GB893.1-86	Circlip D47	2				
2	GB304.5-81	Joint Bearing GE30ES	1				
3	SZ1204.55.082-04	Cylinder block	1				
4		Circlip $\phi 76/71.5 \times 1.5$	1				
5	GB3452.1-82	O-ring 71 \times 3.55	1				
6	SZ1204.55.082-03	Gasket	1				
7	SZ1204.55.082-02	Cylinder head	1				
8	GS	Slip ring d60 \times 4.2	1				
9	GT	Double lip seal ring d60 \times 70 \times 8	1				
10	Fa	Scraper seal d60	1				
11	70-90	Hose clamp	1				
12	SZ1204.55.082-06	Dust cover	1				
13	50-70	Hose clamp	1				
14		Guide ring, piston D63 \times 2.5 \times 8.1	1				
15	GB78-76	Screw M6 \times 8	1				
16	SZ1204.55.082-05	Round nut	1				
17	SZ1204.55.082-01	Piston rod	1				
18	GB304.5-81	Joint bearing GE28ES(Special)	1				

55 Lifter assembly with auxiliary cylinder-distributor assembly



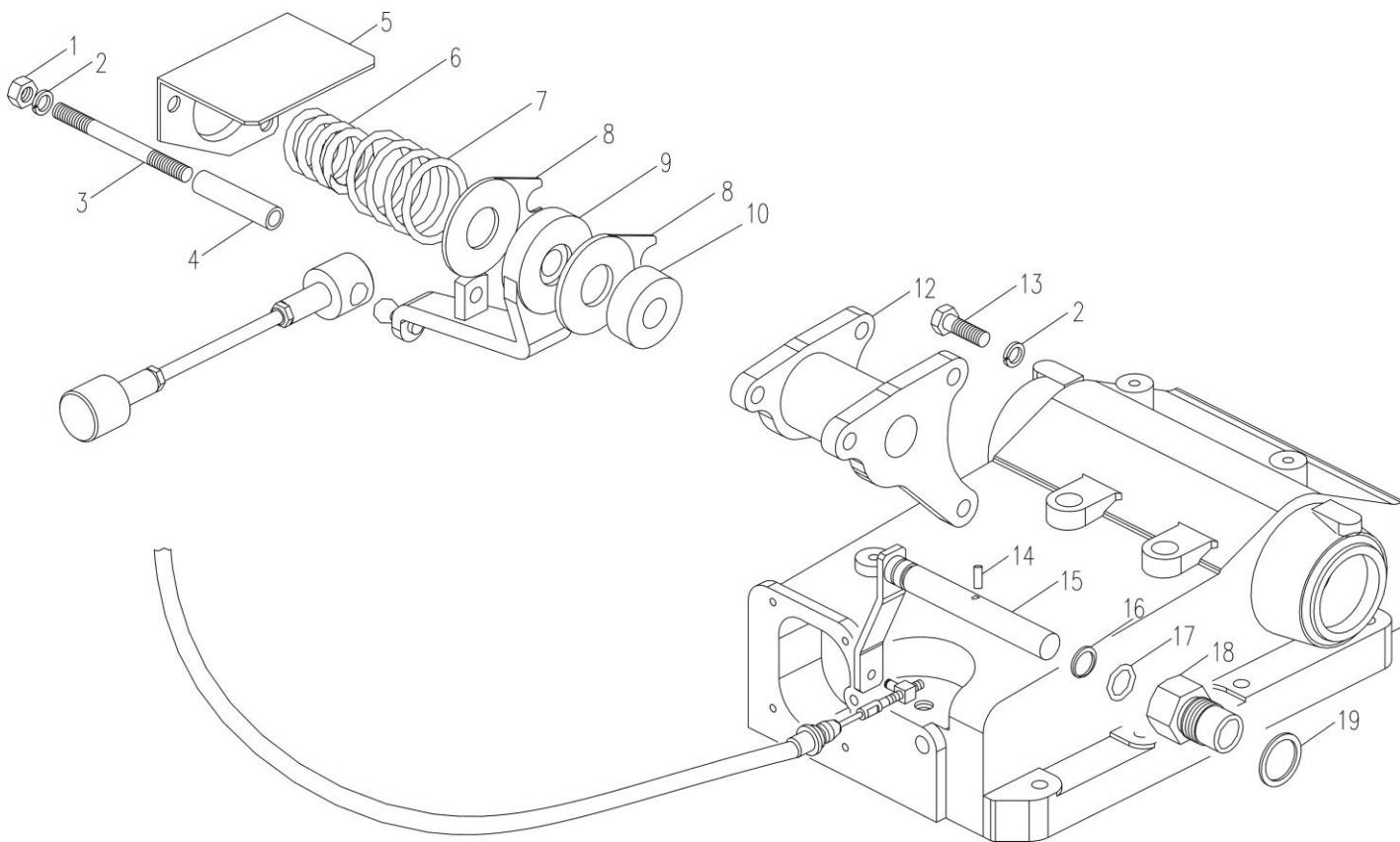
55 Lifter assembly with auxiliary cylinder-distributor assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
	Distributor assembly	SZ804.57B.001	1	17	O-ring 17.12×2.62	14457381/14618	2
1	Head, handle, lever, sensitivity adjustment	5120762/1.82.433	1	18	O-ring 28.24×2.62	14458081/14618	1
2	Positioning spring	5120761/1.82.431	1	19	Plug, valve, sensitivity adjustment	5122029/1.82.493	1
3	Steel ball 7.938	GB 308-84	1	20	Adjusting knob, control valve, lowering speed	5120798/1.82.476	1
4	Lever, sensitivity adjustment	5117736/1.82.438	1	21	Nut M10-5	GB 6172-86	1
5	Sector plate, adjusting handle	5120763/1.82.435	1	22	O-ring 25.12×1.78	14453980/14618	1
6	Plug, sensitivity adjustment	5120760/1.82.437	1	23	Seat, main control valve	5117725/1.82.440	1
7	Rectangular cross-section seal washer 22×28×1	10279560/14607	1	24	Spring, main control valve	4973361/1.82.444	1
8	O-ring 8.73×1.78	575094/1.82.530	1	25.1	Main control valve assembly	5117723/1.82.446A	1
9	Pin, sensitivity adjustment	5117735/1.82.436	1	25.2	Core, main control valve	5117721/1.82.445	1
10	Cylindrical pin 3×16	BZ/JHX-SZ	1	26	Pocket, main control valve	5117722/1.82.446	1
11	O-ring 26.70×1.78	14454081/14618	1	27	Retainer ring	5117726/1.82.454	2
12	O-ring 26.70×1.78	14454081/14618	1	28	Bolt M12×1.25×20	14360524/10356	1
12.1	Sensitivity control valve	5117731/1.82.471A	1		Rectangular cross-section seal washer	10296160/14607	1
12.2	Piston, sensitivity control valve	5117728/1.82.449	1		12×18×1		
13	Pocket, sensitivity control valve	5117730/1.82.471	1	29	Bolt M8×1.25×30	GB 5783-86	4
14	Circlip 12	13420376/12248	1	30	Washer 8	GB 7244-87	4
15	Spring washer	5122030/1.82.494	1	31	Seat, one-way valve	4951476/1.82.464	1
16	Spring, pilot valve	5115469/1.82.497	1				
	Pilot valve	5117732/1.82.492	1				

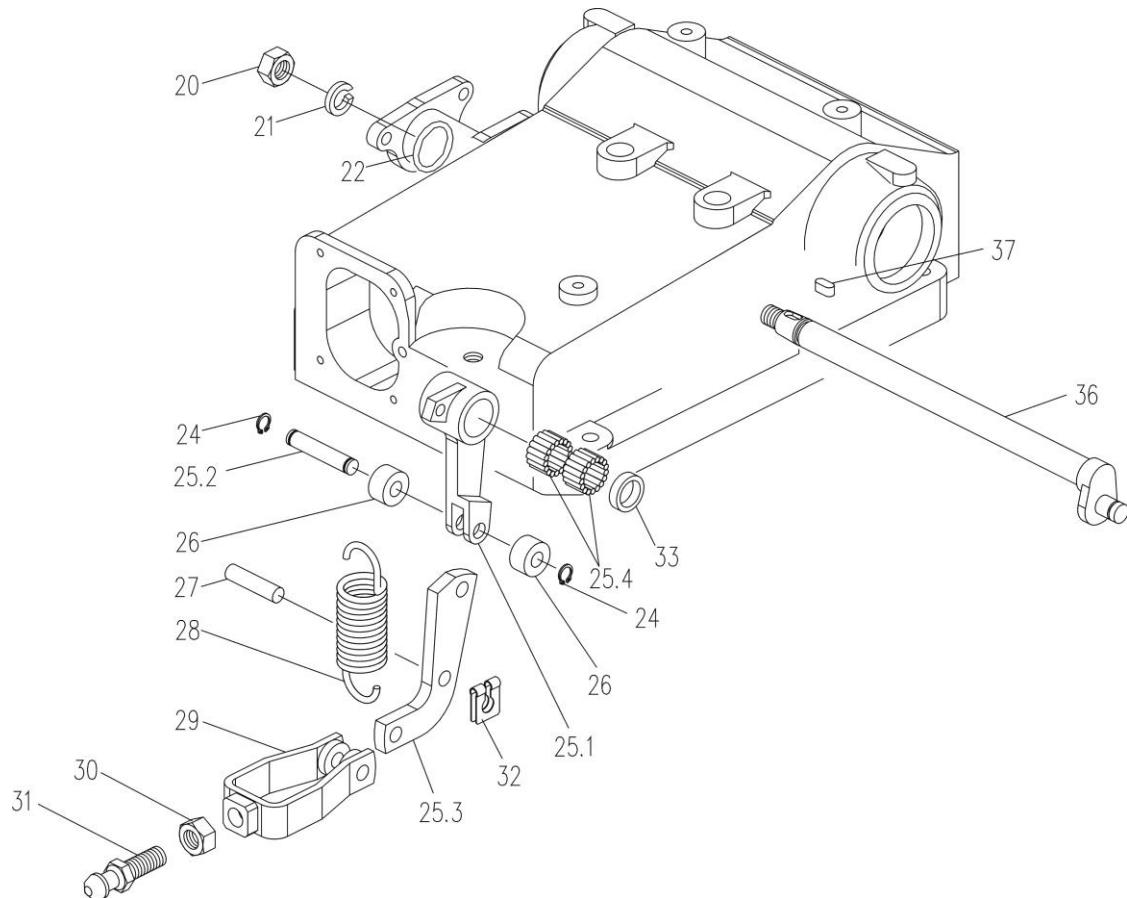
55 Lifter assembly with auxiliary cylinder-distributor assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
32	O-ring 15.54×2.62	14457281/14618	2	44	Cylindrical pin 4×14	BZ/JHX-SZ	1
33	Steel ball 7/32	GB 308-84	1	45	Steel ball 3/11	GB 308-84	1
34	Spring	44018852/1.80.766	1	46	Spring	596854/1.29.641	1
35	Support (LWR), one-way valve	5148907/1.82.432	1	47	Relief valve assembly	5117739/1.82.451	1
36	Support (LWR), one-way valve	5148905/1.82.432A	1	48	Screw plug, return valve	5117734/1.82.455	1
37	O-ring 20.29×2.62	14457581/14618	1	49	Spring, return valve	5117729/1.82.448	1
38	Oil outlet joint, one-way valve	5131278/1.82.430	1	50	Divider housing unit with oil return valve	5117743/1.82.401A	1
39	Retainer ring	4958830/1.82.429	1				
40	Retainer ring	5120771/1.82.479	1	50.1	Return valve	5117727/1.82.450	1
41	O-ring 6.75×1.78	5120772/1.82.480	1	50.2	Housing, divider	5117716/1.82.401	1
42	Adjusting screw, control valve, lowering speed	5117741/1.82.474	1	50.3	Screw plug M6	10269150/14545	3
43	Control valve, lowering speed	5120770/1.82.472	1	50.4	Screw plug M10	10269350/14545	2

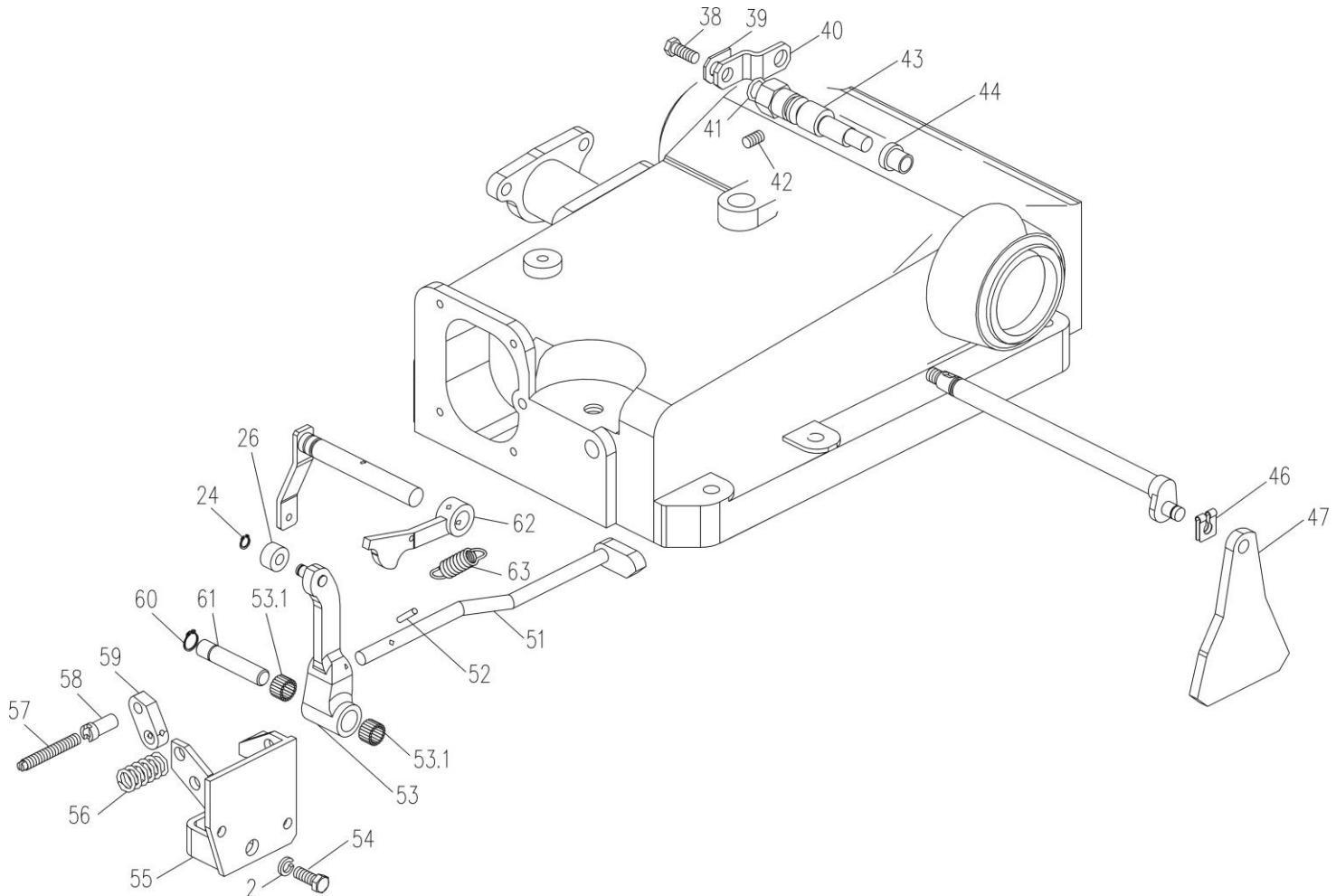
55 Lifter assembly with auxiliary cylinder-distributor control mechanism



55 Lifter assembly with auxiliary cylinder-distributor control mechanism



55 Lifter assembly with auxiliary cylinder-distributor control mechanism



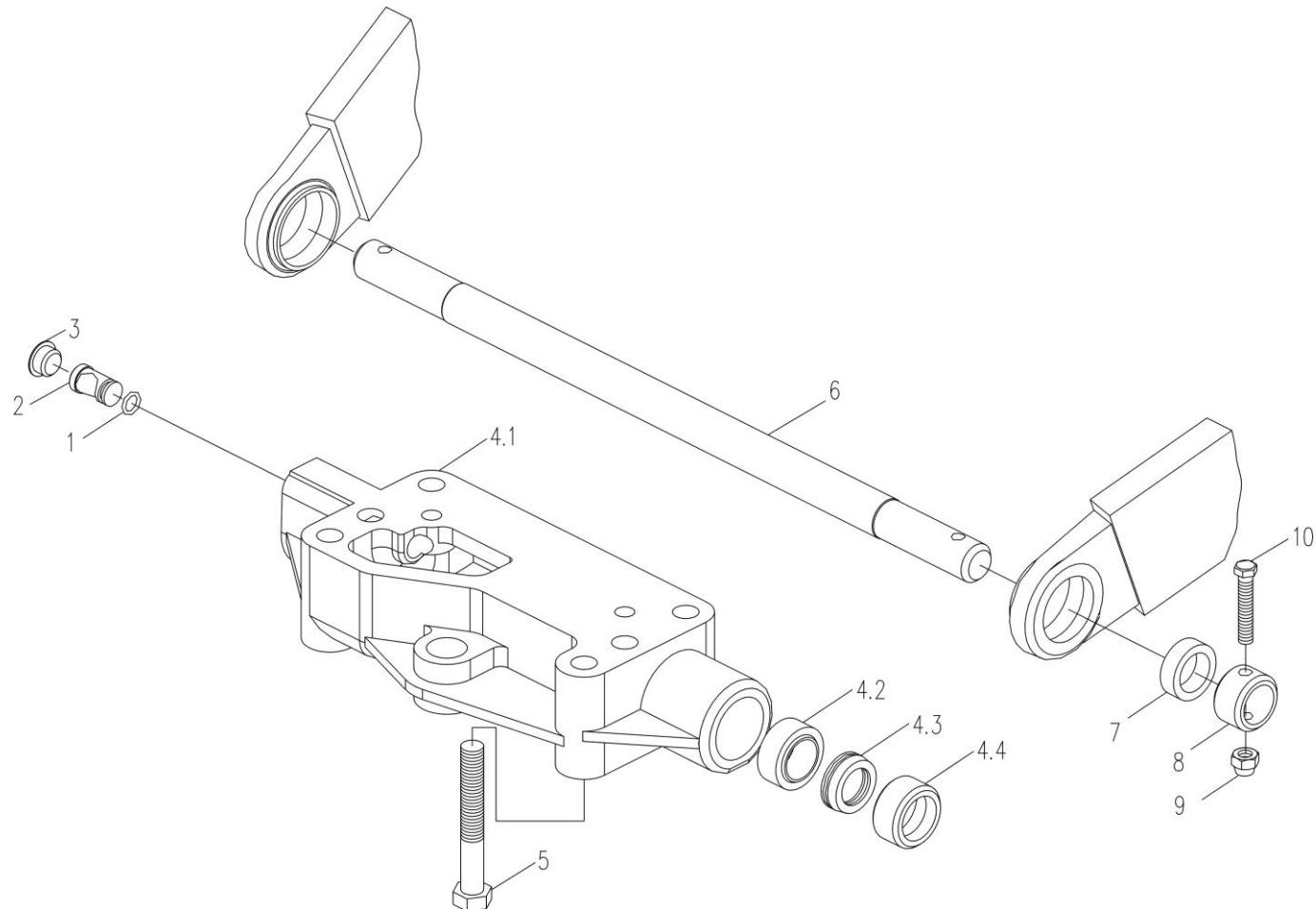
55 Lifter assembly with auxiliary cylinder-distributor control mechanism

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Nut M8-6	16100814/10112	3	19	Rectangular cross-section seal washer	10263460/14607	1
2	Washer 8	10571774/10188	8		22×28×1.5		
3	Stud	13544324/10219	3	20	Self-locking nut	12575614/10125	1
4	Spacer, sector plate	5117204/1.82.515	3	21	Spring washer	10571871/10188	1
5	Cap, spring, control sector plate	5129372/1.82.519	1	22	O-sealing ring 1.89×2.62	14457681/14618	1
6	Spring	4973370/1.82.513	1	24	Circlip8	GB 894.1-86	2
7	Spring	4952761/1.82.511	1	25	Lever arm assembly	5117135/1.82.54	1
8	Friction lining board	5153008/1.82.508A	2	25.1	Control lever	5117134/1.82.541	1
9	Hub unit, position control lever	1204-1.55.021	1	25.2	Pin	5117136/1.82.561	1
10	Gasket	SZ804.55.501	1	25.3	Control lever	5120291/1.82.545	1
12	Support, control lever	5129377/1.82.517	1	25.4	Needle bearing with retainer	5109160/1.82.536	2
13	Bolt M8×25	GB 5783-86	3		14×20×12		
14	Spiral spring pin 4×24	13938070/12216	1	26	Roller	5111028/1.82.562	2
15	“rise-hold-fall” control lever	5129393/1.82.542	1	27	Pin	5011775/1.82.532	1
				28	Spring, lever arm	5148884/1.82.588	1
16	Circlip 10	11088176/12250	1	29	Pull rod, control valve	5120281/1.82.586	1
17	O-ring	14453080/14618	1	30	Nut M10×1.25	GB 6173-86	1
18	Plug	5129399/1.82.544	1	31	Ball stud	5120282/1.82.587	1
				32	Spring clip D=8	11064076/12252	1

55 Lifter assembly with auxiliary cylinder-distributor control mechanism

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
33	Bushing, load control lever	5116251/1.82.543	1	51	Limit link	5120285/1.82.538	1
36	Position adjustment crankshaft unit	SZ804.55.051	1	52	Cylindrical pin 4×20	BZ/JHX-SZ	1
37	Key 4×14	GB 1096-76	1	53	Control lever assembly, main control valve	5126221/1.82.512	1
38	Bolt M10×1.25×18-Zn.D	GB 5786-86	1	53.1	Needle bearing 12×16×10	5117138/1.82.537	2
39	Gasket 10	14198800/10182	1	54	Bolt M8×20	16043424/10312	2
40	Grip, shaft, inner lever, load control	5135220/1.82.515A	1	55	Support, lever	5129400/1.82.531	1
41	O-ring	14457280/14618	1	56	Spring, oil filter	4959139/1.63.807	1
42	Screw M8×12	GB 71-85	1	57	Bolt, limit adjustment	5121522/1.82.540	1
43	Shaft, inner lever	5135221/1.82.533	1		M8×1.25×55		
44	Bushing, load control lever	5135219/1.82.546	1	58	Screw tube, limit adjustment	5121523/1.82.540A	1
46	Spring clip	11064176/12252	1		M8×1.25×20		
47	Cam, position control	5117143/1.82.522	1	59	Stopper (FR)	885120284/1.84.539A	1
				60	Circlip 12	13397576/12248	1
				61	Pin	5117156/1.82.530	1
				62	“Rise-Hold-Fall” cam	5129396/1.82.527	1
				63	Spring, pin (UPR), control lever	4973650/1.82.563	1

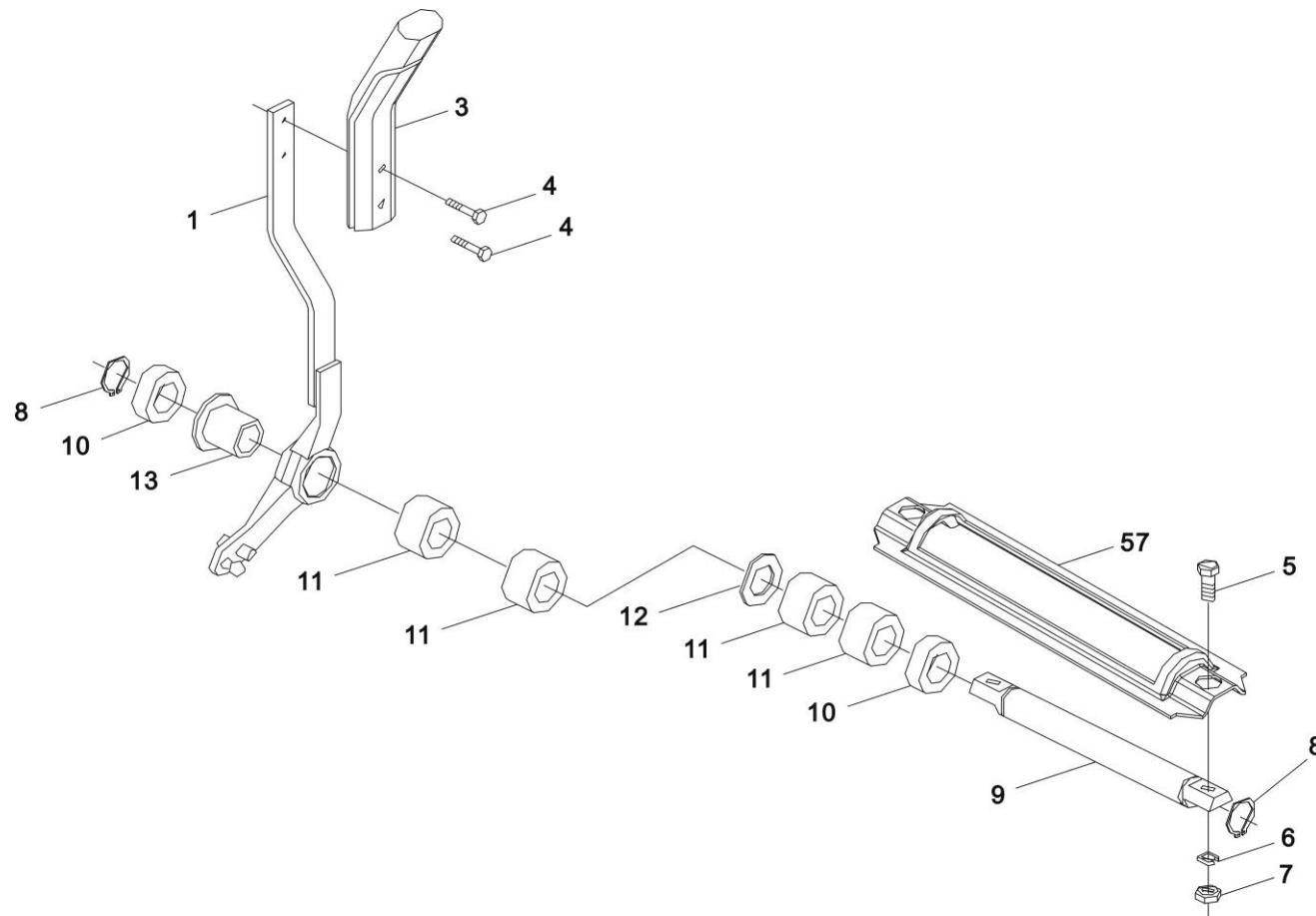
55 Lifter assembly with auxiliary cylinder-load control assembly



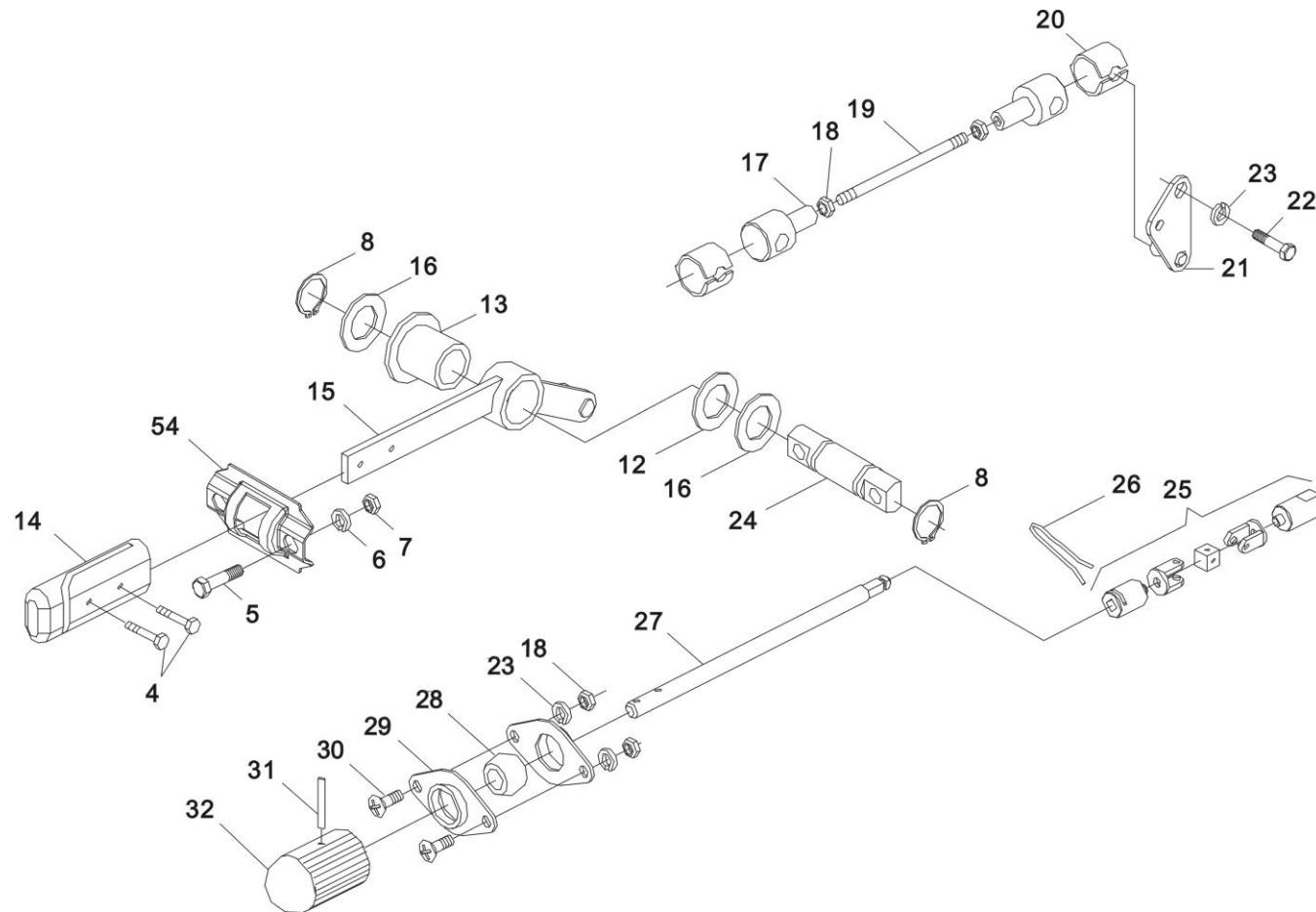
55 Lifter assembly with auxiliary cylinder-load control assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	O-ring 12×2.65	GB 3452.1-82	1				
2	Spacer, control lever, sensor	5130120/1.89.628A	1				
3	Plug, support, sensor	5130121/1.89.629	1				
4	Housing assembly, knee	5130114/1.89.616A	1				
4.1	Housing, knee	5130113/1.89.616	1				
4.2	Joint bearing	5109977/1.89.623	2				
4.3	Oil seal assembly, knee	SZ1204.55.017	2				
4.4	Spacer ring, bushing	5132127/1.89.623	2				
5	Bolt M18×1.5×110	GB 5785-86	6				
6	Knee	511458/1.89.622	1				
7	Thrust washer	5111451/1.89.624A	2				
8	Ring, push rod	5109989/1.89.624	2				
9	Self-locking nut M10×1.25	12574511/10125	2				
10	Bolt	GB 5786-86	2				
	M10×1.25×55-Zn.D						

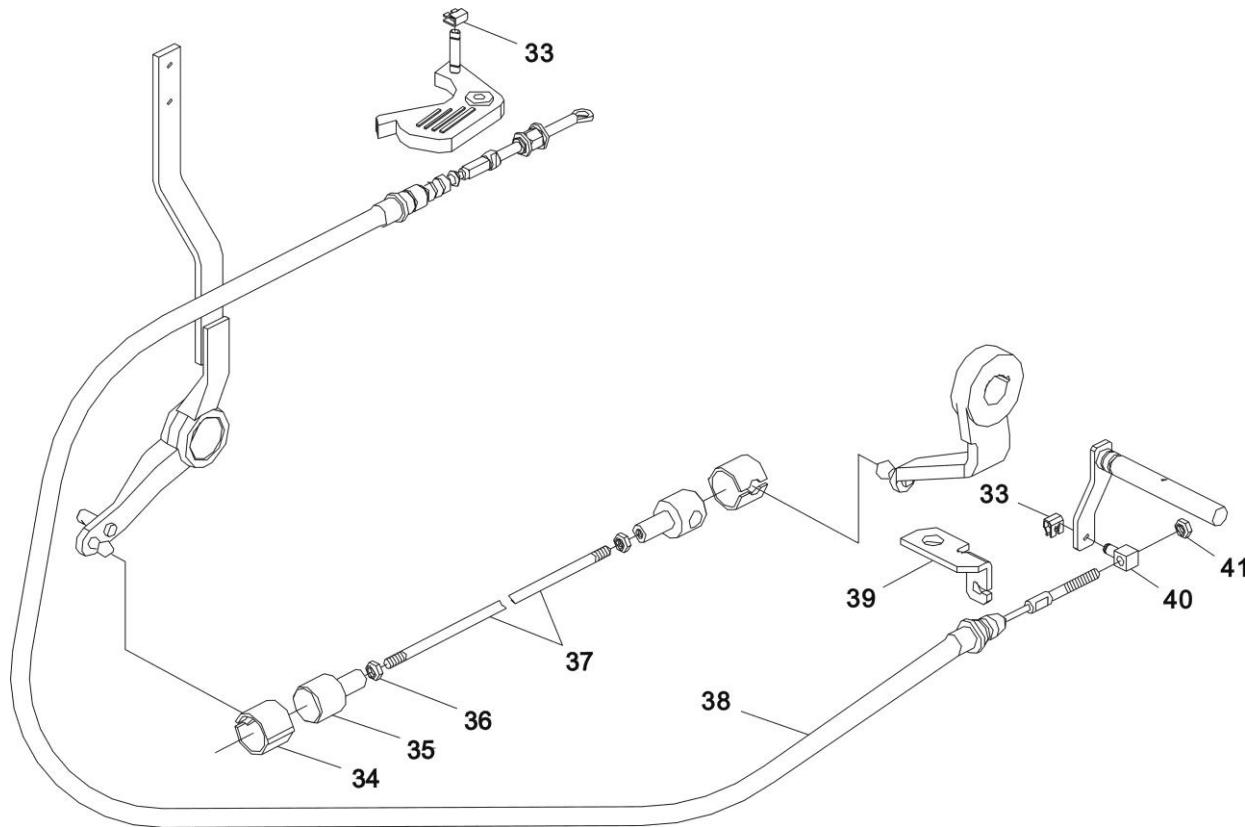
55 Lifter assembly with auxiliary cylinder-lifter control mechanism



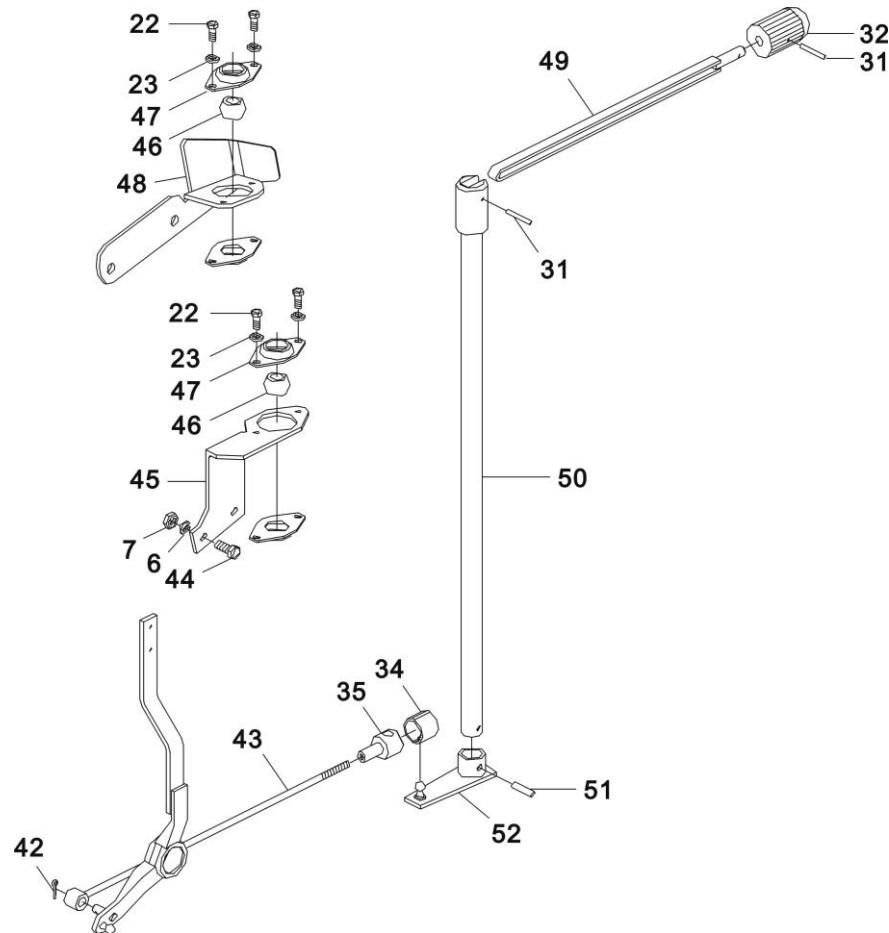
55 Lifter assembly with auxiliary cylinder-lifter control mechanism



55 Lifter assembly with auxiliary cylinder-lifter control mechanism



55 Lifter assembly with auxiliary cylinder-lifter control mechanism



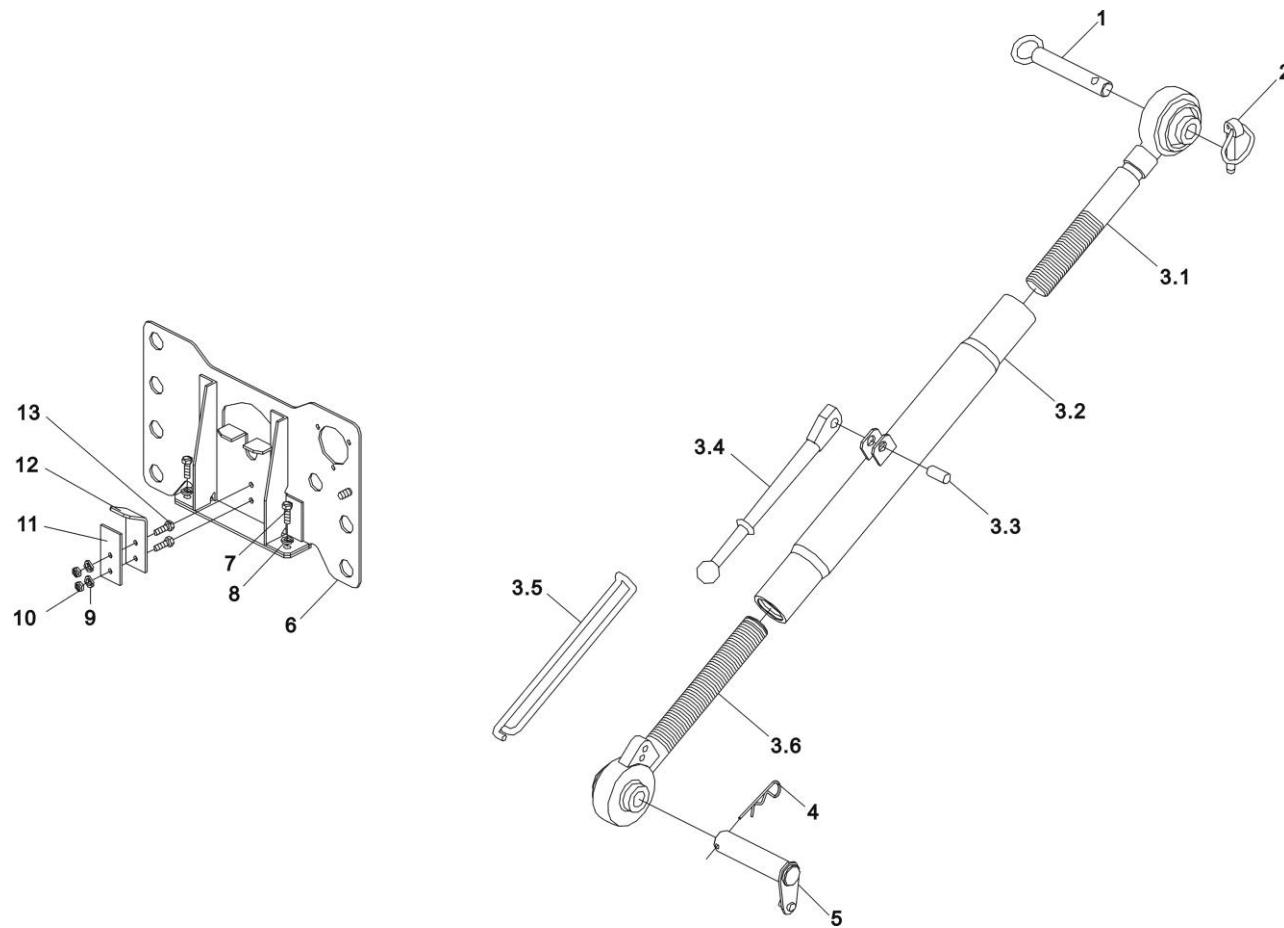
55 Lifter assembly with auxiliary cylinder-lifter control mechanism

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Welded position control rod unit	1204-1.55.012	1	23	Washer6	GB 7244-87	7
3	Head, handle, lever, force adjustment	1204-1.55.114	1	24	Pin, adjustment lever	5126191/1.82.2	1
4	Bolt M4×10	5113531/1.82.797C	2	25	Universal joint assembly	5134029/1.82.2	1
5	Bolt M8×25	GB/T5783-2000	4	26	Spring pin	9960079/1.82.2	1
6	Washer 8	GB/T93-1987	6	27	Adjusting yoke, lowering valve	1204-1.55.104	1
7	Nut M8	GB 6170-20000	11	28	Ball socket	5109058/1.82.2	1
8	Circlip 21	11066976/12245	4	29	Ball socket	4998311/1.82.2	2
9	Pin, lever	5126024/1.82.254	1	30	Bolt M6×1×10	GB 5783-86	2
10	Spacer, pin, mechanical rod	5127167/1.82.255B	2	31	Pin 4×32	14164470	3
11	Spacer, lever	5126443/1.82.216	4	32	Head, handle, regulator valve	SZ804.55.523	1
12	Thickness shim, shaft, lever	5126195/1.82.255A	2	33	Grip 5	11063876/12252	2
13	Bushing, outer lever	5126032/1.82.262	3	34	Grip 13	10125574/13130/03	2
14	Head, sensitivity handle	SZ804.55.524	1	35	Cover spherical joint13	10124514/13130/01	2
15	Control lever assembly	1204-1.55.016	1	36	Nut M8	GB 6172-86	2
16	Washer 21×35×2, pin, lever	5126031/1.82.255	2	37	Control rod, lifter	1204-1.55.102	1
17	Cover, ball joint	10124411/13130/01	2	38	Cable, fast rise-fall	5139172/1.82.2	1
18	Nut M6	GB 6170-86	4	39	Grip, cable	5129403/1.82.2	1
19	Adjusting yoke unit	1204-1.55.101	1	40	Adjusting pin, cable	5138330/1.82.2	1
20	Grip10	10124874/13130/03	2	41	Nut M6	GB 889-87	1
21	Pin, adjustment lever	1240-1.55.013	1	42	Pin 3.2×18	GB 91-86	1
22	Bolt M6×1×14	10902021/10312	5	43	Welded position control rod unit	1204-1.55.012	1
				44	Bolt M8×16	GB 5783-86	2

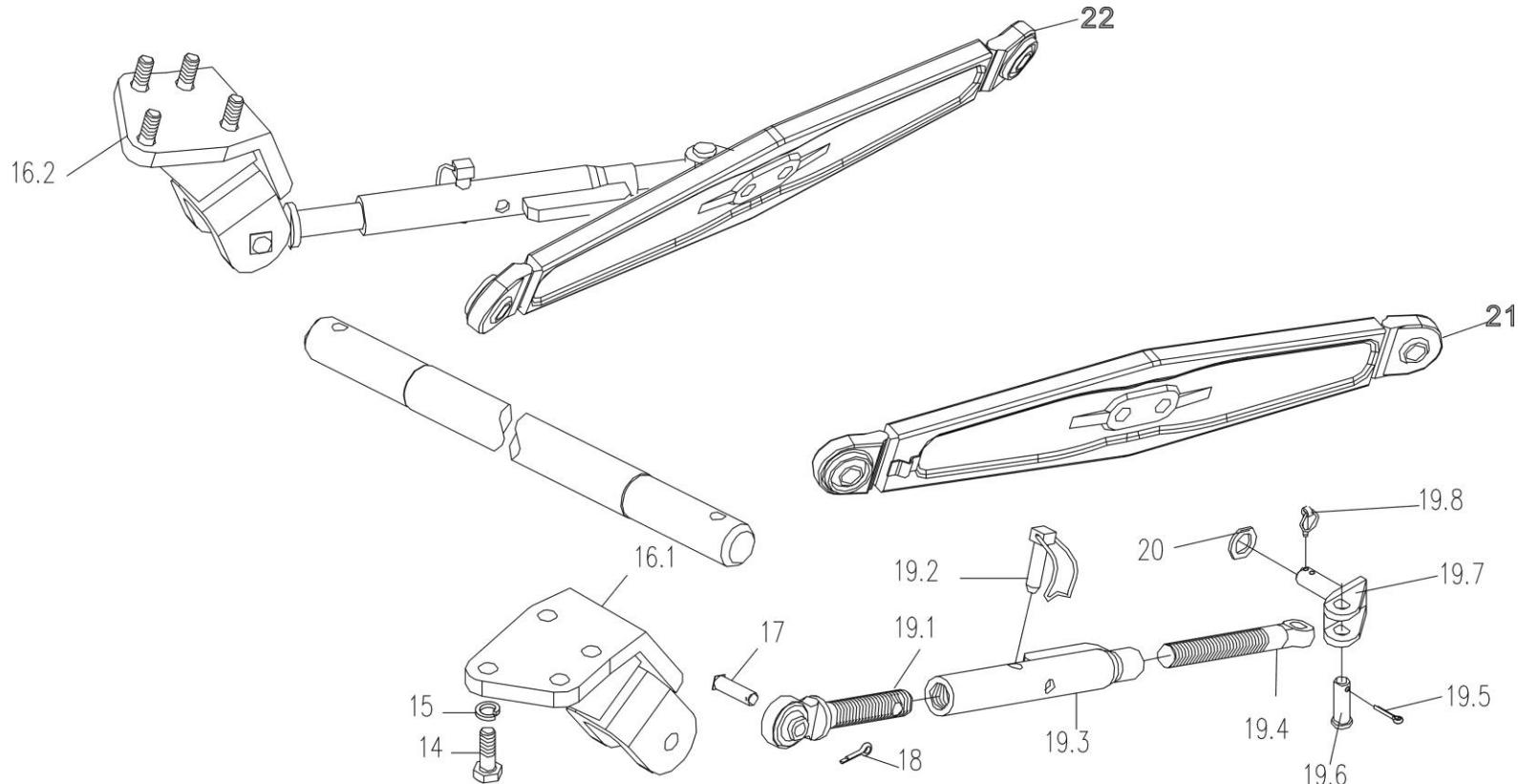
55 Lifter assembly with auxiliary cylinder-lifter control mechanism

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
45	Control support (LWR)	5134376/1.82.2	1				
46	Ball bushing	5127536/1.29.123A	2				
47	Cover, lever	5110722/1.29.118	4				
48	Control base assembly	5134366/1.82.2	1				
49	Control lever assembly	5134380/1.82.2	1				
50	Operating shaft assembly	1204-1.55.015	1				
51	Spiral spring pin 6×26	13910170/12215	1				
52	Control lever (LWR)	1204-1.55.014	1				
53	Cover assembly, long pin	1204-1.55.019	1				
54	Cover assembly, long pin	1204-1.55.018	1				

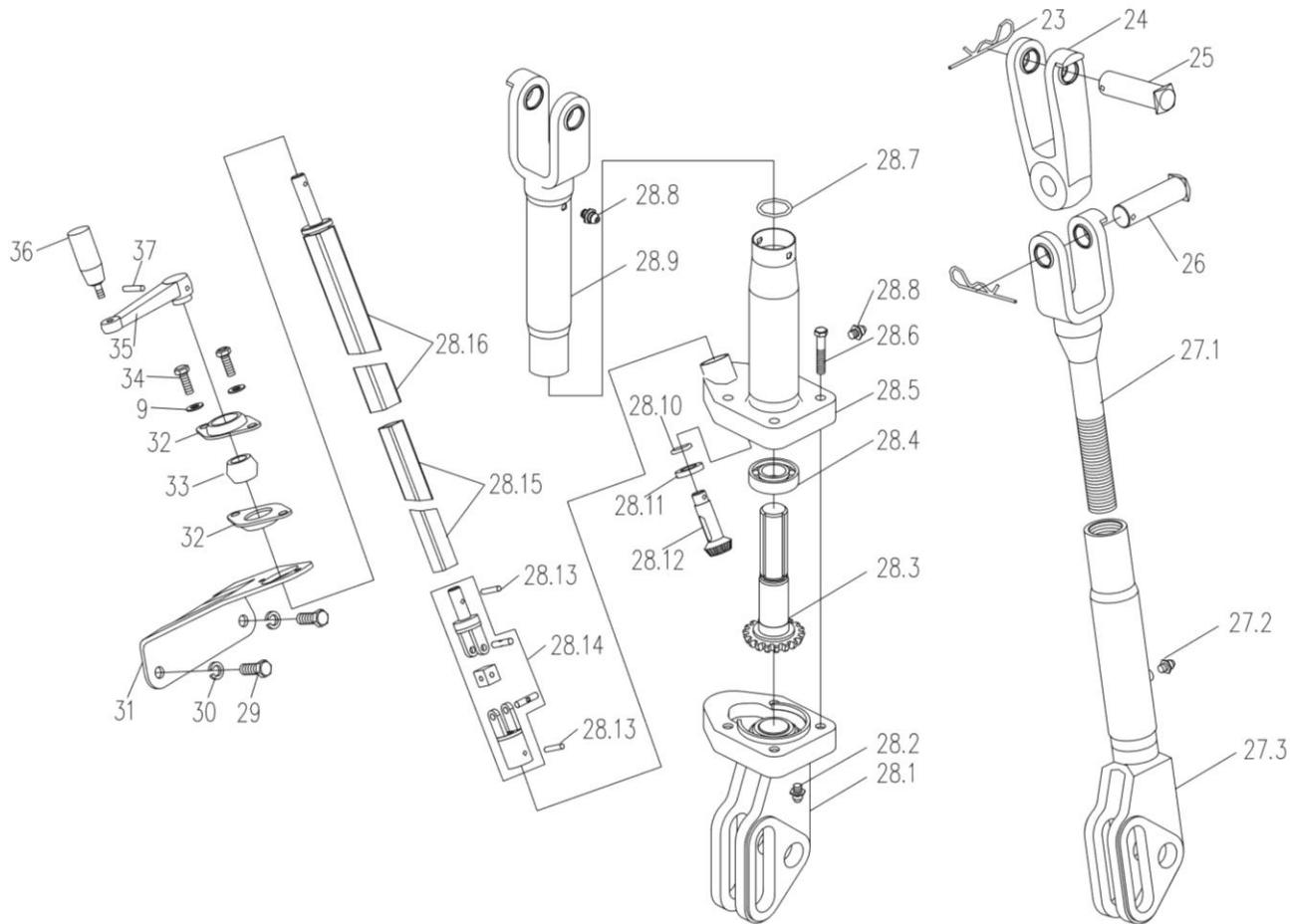
56 Suspension mechanism



56 Suspension mechanism



56 Suspension mechanism



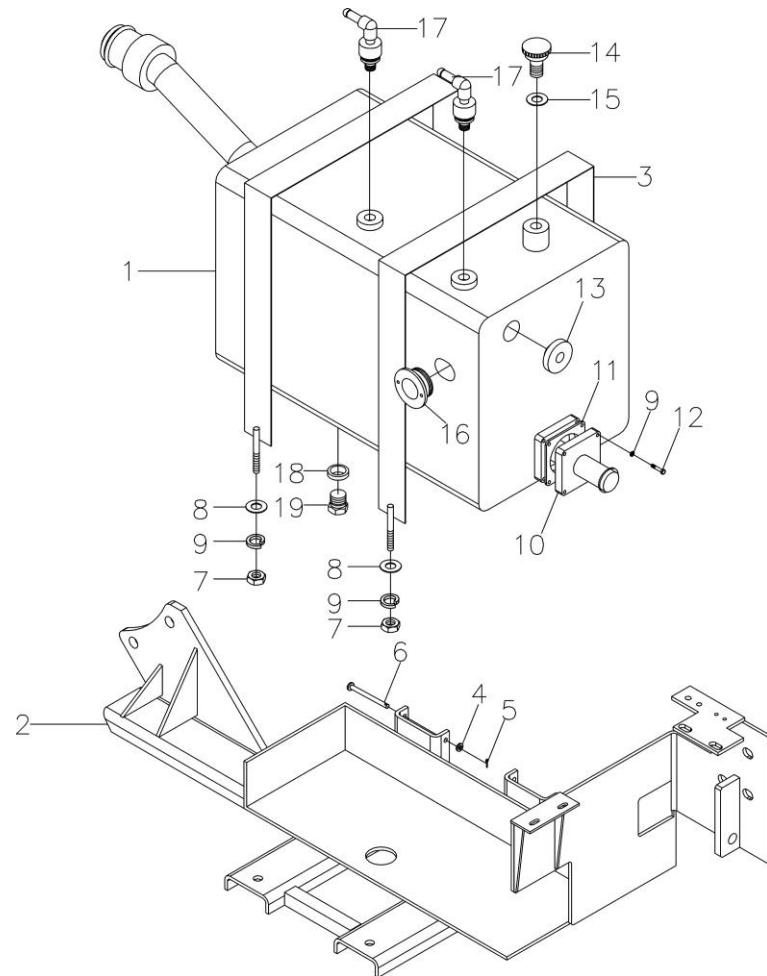
56 Suspension mechanism

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Pin (RR), upper link	822483/1.89.967	1	15	Washer 18	GB 93-87	8
2	Lock pin assembly	4967704/1.82.941A	3	16.1	Welded support unit (RH), limit link	SZ1204.56.080	1
3	Upper link assembly	5133109/1.89.611	1	16.2	Welded support unit (LH), limit link	SZ1204.56.081	1
3.1	Screw assembly (RR), link (UPR)	5102185/1.89.662A	1	17	Pin (FR), limit link	5125861/1.89.955	2
3.2	Adjustment screw tube assembly, link (UPR)	5133112/1.89.663	1	18	GB/T 91-2000	Pin6.3×40-Zn.D	4
3.3	Pin 12×40	GB 8789-86	1	19	Limit rod assembly	SZ1204.56.055	2
3.4	Crank	5133116/1.89.663A	1	19.1	Section assembly (FR), limit link	5103858/1.89.950A	2
3.5	Spring	5140619/1.89.664	1	19.2	Lock pin assembly, limit link	5103862/1.89.959A	2
3.6	Section assembly (FR), link	5140618/1.89.661A 88578668/1.89.961	1	19.3	Sleeve assembly, limit rod	5103857/1.89.952	2
4	Locking pin, link (UPR)	5131752/1.89.669A	1	19.4	Section (RR), limit link	1204.56.103	2
5	Pin assembly, link (UPR)	5133016/1.89.666	1	19.5	Pin 6.3×40	GB 91-86	2
6	Bracket assembly, quick coupler	GB 5783-2000	1	19.6	Pin (RR), limit link	5103861/1.89.956	2
7	Bolt M8×20	GB 859-87	2	19.7	Fork, limit rod	SZ1204.56.510A	2
8	Washer 8	GB 859-87	2	19.8	Locking pin	567406/1.82.945	2
9	Washer 6	GB 41-86	4	20	Washer, pin (LWR), drawbar	562106/1.89.962	2
10	Nut M6	44018510/1.82.144	2	21	Lower link assembly (LH)	SZ1204.56.052	1
11	Plate	44019067/1.82.143	1	22	Lower link assembly (RH)	SZ1204.56.053	1
12	Spring, bracket, valve	GB 5781-86	1				
13	Bolt M6×20	15984121/10312	2				
14	Bolt M18×1.5×50		8				

56 Suspension mechanism

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
23	Locking pin	567406/1.82.945	3	28.1	O-ring 15×2.65	GB 3452.1-82	1
24	Clevis (UPR), lift link	SZ1204.56.501	2	28.11	Washer, driving gear, lift link (RH)	4999029/1.89.659	1
25	Connecting pin (UPR), lift link (LH & RH)	5130456/1.89.657	2	28.12	Driving gear, lift link (RH)	885130441/1.89.650	1
26	Connecting pin (UPR), lift link (LH & RH)	5111643/1.89.657	1	28.13	Pin 5×26	13907470/12215	2
27	Lift link assembly (LH)	SZ804.56A.050	1	28.14	Hinge, link (RH)	885130446/1.89.652A	1
27.1	Clevis assembly (UPR), lift link (LH)	SZ804.56A.051	1	28.15	Inner tube assembly, adjusting yoke	5130443/1.89.652	1
27.2	Oil cup M10×1	GB 1152-89	1	28.16	Outer sleeve unit, lift link (RH)	SZ804.56A.058	1
27.3	Clevis assembly (LWR), lift link	SZ804.56A.052	1	29	Bolt M10×1.25×25	GB 5786-86	2
28	Lift link assembly (RH)	SZ804.56A.054	1	30	Washer 10	GB 859-87	2
28.1	Clevis assembly (LWR), lift link (RH)	SZ804.56A.057	1	31	Bracket, adjusting handle, lift link (RH)	5132741/1.89.695	1
28.2	Oil cup	13410911/14649	1	32	Ball seat of ball bushing	5110722/1.21.178	2
28.3	Adjusting screw, lift link (RH)	SZ804.56A.504	1	33	Ball, lift rod (RH)	5130480/1.89.696	1
28.4	Bearing 8106	GB 301-84	1	34	Bolt M6×16	GB 5781-86	1
28.5	Gear chamber assembly	SZ804.56A.056	1	35	Adjusting handle, lift link (RH)	5130458/1.89.665	1
28.6	Bolt M10×1.25×55	GB 5785-86	4	36	Head, handle, lift link (RH)	5130460/1.89.665A	1
28.7	O-ring 30×2.65	GB 3452.1-82	1	37	Pin 5×12	13907270/12215	1
28.8	Oil cup M10×1	GB 1152-89	2				
28.9	Clevis assembly (UPR), lift link (RH)	SZ804.56A.055	1				

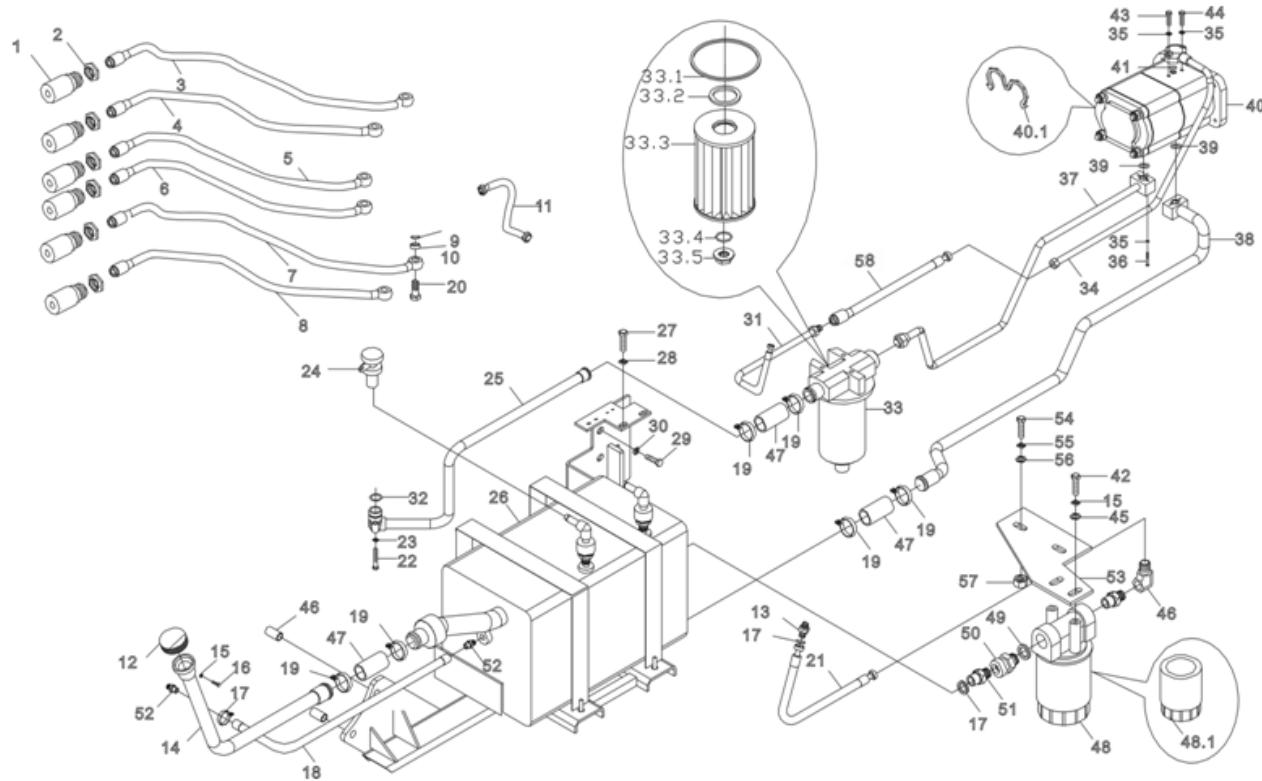
58 Fuel tank assembly



58 Fuel tank assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Hydraulic oil tank weld assembly	SZ1204.58F.022-3	1				
2	Bracket weldment, fuel tank	SZ1204.58F.010-4	1				
3	Strap	SZ1204.58F.164	1				
4	Washer 10	GB/T97.1-2000	2				
5	Pin 1.6×22	GB/T91-2000	2				
6	Shaft, Pin B10×90	GB/T882-1986	2				
7	Nut M8	GB/T6170-2000	2				
8	Washer 8	GB/T97.1-2000	4				
9	Washer 8	GB/T93-1987	6				
10	Oil outlet pipe with filter assembly	902.57.013	1				
11	Gasket	SZ1204.58F.148-1	1				
	O-sealing ring F71X2.65G	GB/T3452.1-2005	1				
12	Bolt M8×20	GB/T5783-2000	4				
13	Connector, oil return pipe, multi-way valve	SZ804.58G.130	2				
14	Pre-loaded air filter	PAF1-0.02-0.45-10L	1				
15	Washer 27	JB/T982-1977	1				
16	Circular vernier	YB-M42×1.5	1				
17	Joint unit, air outlet pipe	SZ1204.58F.015	2				
18	Rectangular cross-section seal ring	14607/10296260	1				
	28×36×1.5						
19	Screw plug M28×1.5	SZ804.50.212	1				

58 Hydraulic line assembly



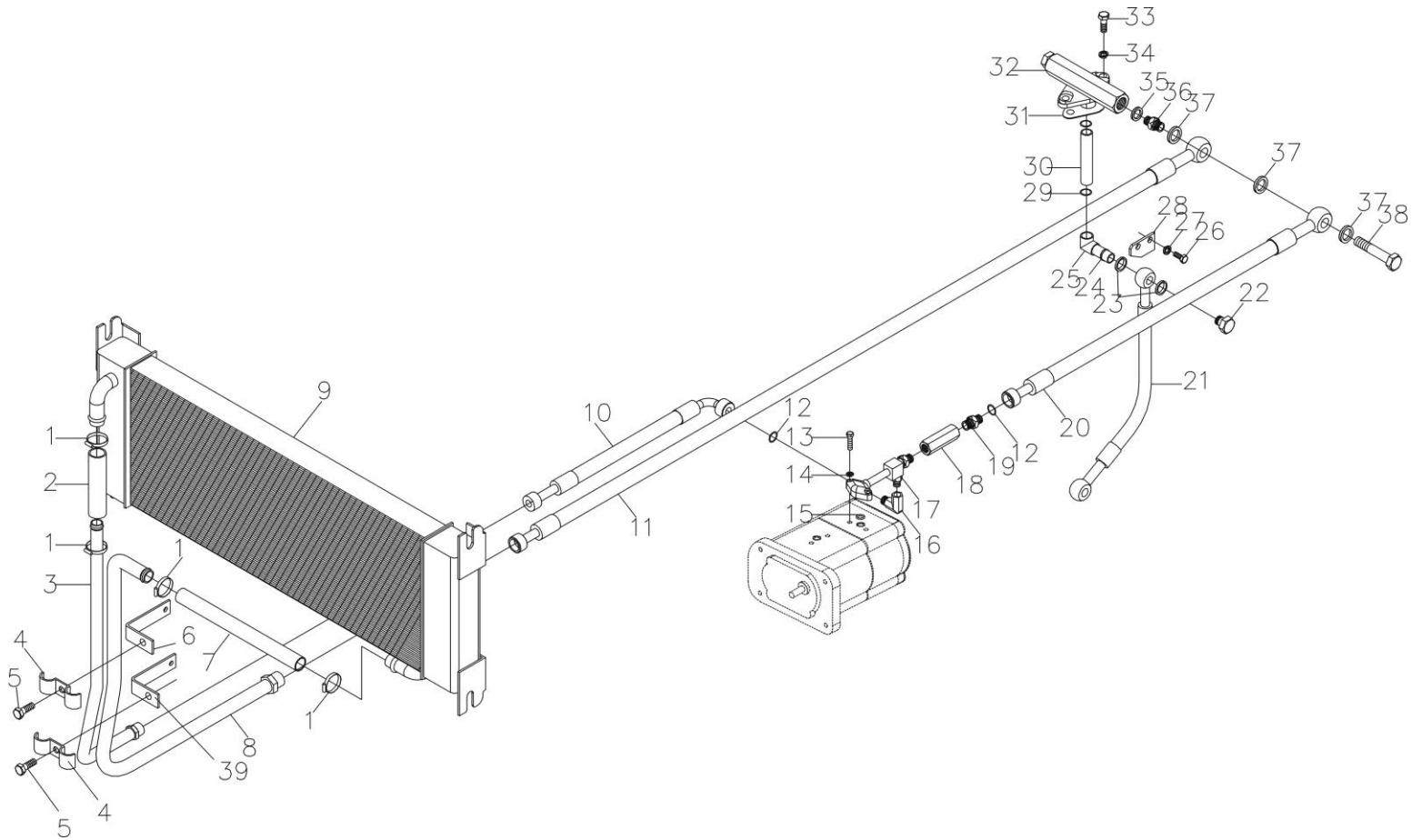
58 Hydraulic line assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Inlet male connector	NV 12 GAS M V+TF12	6	17	Rectangular gasket	14607 10263460	5
	Inlet female connector	NV 12 GAS F V+TM12	6		22×28×1.5		
2	Hexagon nut	5129168/1.82.785	12	18	Oil return rubber tube, lifter	1204-1.58F.014	1
3	Oil pipe assembly (UPR), three-piece valve	SZ1204.61.011	1	19	Clamp D50	JB/T8870-1999	6
4	Oil pipe assembly (LWR), three-piece valve	SZ1204.61.012	1	20	Hollow bolt, fuel feed pipe	5100984/1.82.799A	6
5	Oil pipe assembly (UPR), distribution valve to quick coupler	5129181/1.82.793A	1	21	Oil return pipe assembly, multi-way valve	1204-1358FB.020	1
				22	Bolt M12×1.25×45	GB/T5785-2000	1
6	Oil pipe assembly (LWR), distribution valve to quick coupler	5133235/1.82.793	1	23	Washer 12	GB/T859-1987	1
				24	Breather plug assembly	5141476/1.21.076A	1
7	Oil pipe assembly (UPR), distribution valve to quick coupler	1004.58.015	1	25	Oil suction pipe assembly (RR)	1204-1.58F.013	1
				26	Fuel tank assembly	SZ1204.58FB.021	1
8	Oil pipe assembly (LWR), distribution valve to quick coupler	1004.58.016	1	27	Bolt M10×20	GB/T5783-2000	2
				28	Washer 10	GB/T93-1987	2
9	Rectangular gasket	14607 10259960	15	29	Bolt M12×25	GB/T5783-2000	4
	18×22×1.5			30	Washer 12	GB/T93-1987	4
10	Spacer	5121789/1.82.794	3	31	To oil outlet pipe assembly of additional distribution valve	1204.58.015	1
11	Oil pipe assembly, multi-way valve to distributor, three-piece valve	SZ1204.61.010	1				
				32	O-ring 31.5×3.55G	GB3452.1-1992	3
12	Cap assembly, filler	885105346/1.04.003	1	33	Filter cartridge assembly	SZ1204.58F.017-2	1
13	Pipe joint	5113023/1.82.794A	4	33.1	Seal ring, cover (UPR)	SZ1204.58F.017-2-008	1
14	Filler pipe assembly, fuel tank	1204-1.58F.011	1	33.2	O-ring (Ø 40x4)	GB1235-76	1
15	Washer 6	GB/T93-1987	1	33.3	Filter element	SZ1204.58F.109-1	1
16	Bolt M6×12	GB/T5781-2000	1	33.4	O-ring (Ø 16x3)	GB3452.1-82	1
				33.5	Sealing nut	SZ804.58.023-1-007	1

58 Hydraulic line assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
34	Oil outlet pipe assembly	1204-1.58F.015	1	51	Union	1204-1.58FB.101	1
35	Washer 8	GB/T93-1987	12	52	Joint, oil return pipe, lifter	SZ1204.58F.108-3	2
36	Bolt M8×50	GB/T5783-2000	4	53	Connecting plate, oil return filter	SZ1204.58FB.108	1
37	Oil suction pipe assembly (FR)	1204-1.58F.016	1	54	Bolt M8×20-Zn.D	GB/T5783-2000	2
38	Suction pipe assembly, fuel tank	1204-1.58F.017	1	55	Washer 8-Zn.D	GB/T7244-1987	2
39	O-ring 20×2.65G	GB3452.1-1992	2	56	Washer 8-Zn.D	GB/T97.1-2000	2
40	Tandem gear pump	SZ1204.58F.020	1	57	Nut M8-Zn.D	GB/T6170-2000	2
40.1	3-shaped oil seal	501A	1	58	Oil outlet hose assembly (FR)	SZ1204.58F.018	1
41	O-ring 14×2.65G	GB3452.1-1992	1				
42	Bolt M6×25-Zn.D	GB/T5783-2000	2				
43	Bolt M8×30	GB/T5783-2000	2				
44	Bolt M8×40	GB/T5783-2000	4				
45	Washer 6	GB/T97.1-1985	2				
46	Combination elbow	1204-1.58FB.012	1				
47	Rubber sleeve	1204-1.58F.101	3				
48	Oil return filter	1204-1.58FB.011-1	1				
48.1	Filter element	SPX-06×10	1				
49	Washer 27	JB/T982-1977	1				
50	Straight type combination connector	1204-1.58FB.013	1				

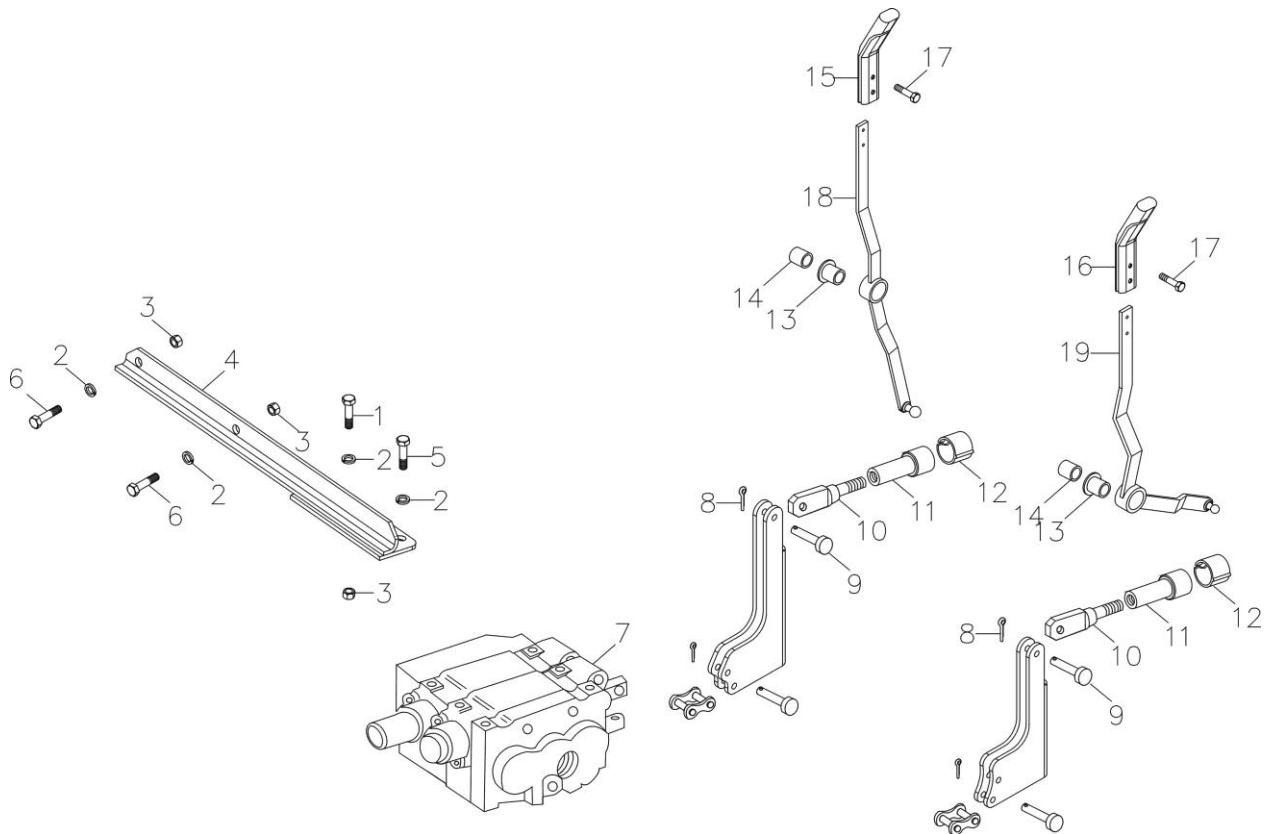
58 Lubrication and cooling system assembly



58 Lubrication and cooling system assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Hose clamp d30 (Stainless steel)	JB/T8870-1999	4	22	Screw plug	10182817/14262	1
2	Rubber sleeve	1604-1.58A.108	1	23	Rectangular gasket	10280060/14607	4
3	Oil inlet pipe assembly, radiator	SZ1204.58.064-1	1	24	O-ring 15×2.65-G-N	GB3452.1-2005	1
4	Oil pipe clamp	1604-1.58A.102	2	25	Oil outlet pipe	1204.37.508	1
5	Bolt M6×20-Zn.D	GB/T818-1985	2	26	Bolt M8×12	GB/T5781-2000	2
6	Support, oil pipe	SZ1204.58.556-1	1	27	Washer 8	GB/T93-1987	9
7	Rubber sleeve, oil outlet	SZ1204.58.553-1	1	28	Locating plate	1204.37.507	1
8	Oil outlet pipe assembly, radiator	SZ1204.58.063-2	1	29	O-ring	GB3452.1-2005	2
9	Radiator assembly	1204.58.059-1	1		11.8×2.65-G-N		
10	Oil inlet hose assembly, radiator	SZ1204.58.067	1	30	Transition oil pipe	1204.37.506	1
11	Oil outlet hose assembly, radiator	SZ1204.58.066	1	31	Paper gasket	1204.37.505	1
12	O-ring	GB3452.1-2005	2	32	Pressure limiting valve assembly	1204.37.053	1
	11.2×2.65-G-N			33	Bolt M8×20	GB/T5781-2000	2
13	Bolt M8×35-Zn.D	GB/T5783-2000	2	34	Washer 8	GB/T93-1987	9
14	Washer 8	GB/T7244-1987	2	35	Washer 20	JB/T982-1977	1
15	O-ring 2.62×13.94	14618/14457181	1	36	Adapter	1204.58.555	1
16	Union elbow	SZ1204.58.069	1	37	Washer 14	JB/T982-1977	3
17	Oil outlet pipe assembly	1204.58.062-1	1	38	Hollow bolt	1204.58.557-1	1
18	Straight check valve 0.5	1204.58.068	1	39	Support II, oil pipe	SZ1204.55.557	1
19	Connector M22/R2	1604-1.58A.119	1				
20	Pump outlet pipe assembly	SZ1204.58.065	1				
21	Oil pipe unit, oil cup	5103150/1.28.870	1				

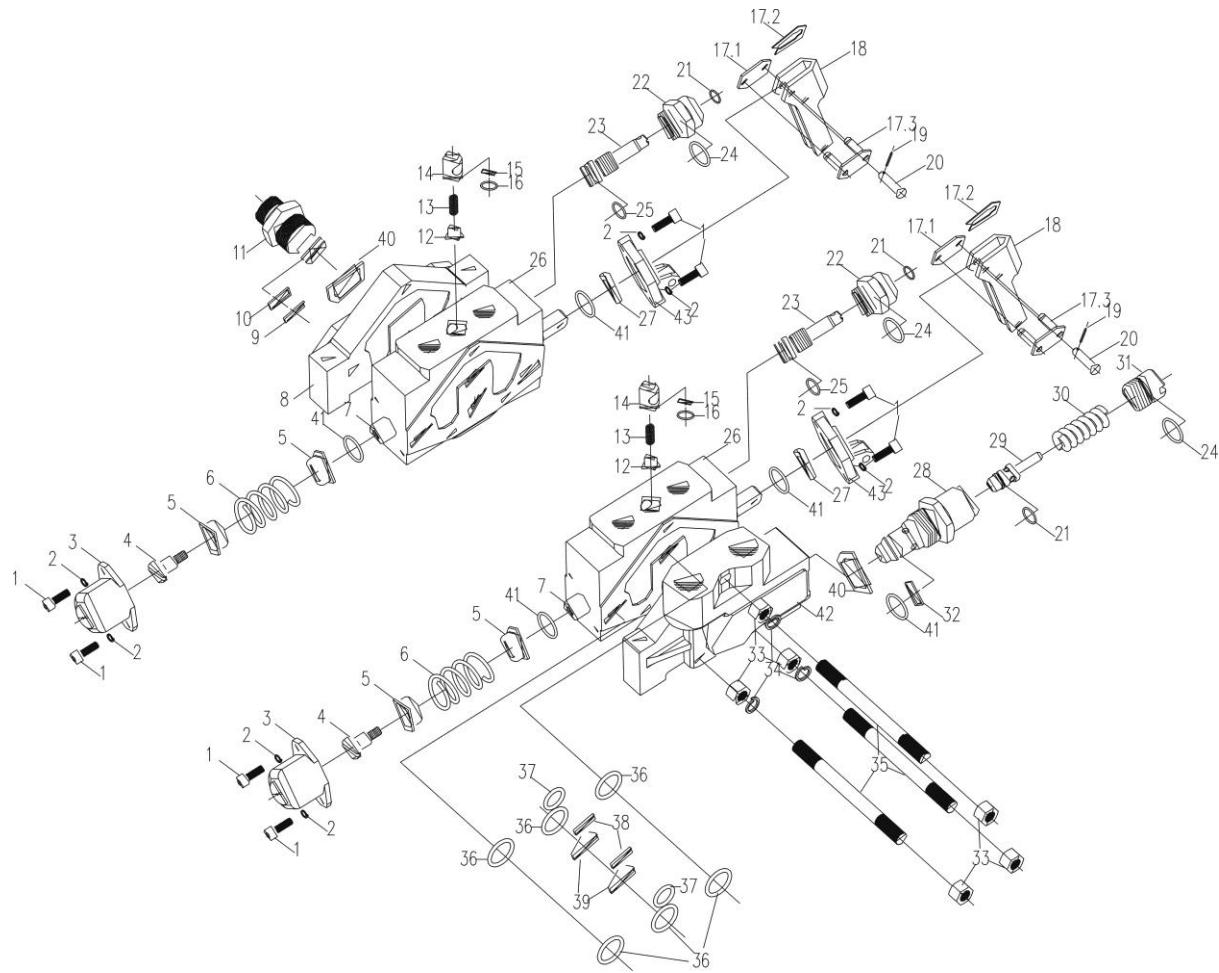
61 Two-piece multi-way valve & control



61 Two-piece multi-way valve & control

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Bolt M10×1.25×65	GB/T5785-1986	3	10	Control link, multi-way valve	SZ900.61.103	2
2	Washer 10	GB/T93-1987	8	11	Cover spherical joint	13130/01 10124514	2
3	Nut M10×1.25	GB/T6171-2000	3	12	Grip 13	13130/03 10125574	2
4	Distribution valve bracket (optional)	5131340/1.82.714	1	13	Bushing, outer lever	5126032/1.82.262	2
5	Bolt M10×16	GB/T5783-2000	1	14	Spacer, lever	5126443/1.82.216	1
6	Bolt M10×1.25×25	GB/T5785-1986	4	15	Head, handle, one-piece valve	SZ1304.61.101	1
7	With 2-piece single-acting valve/	1204-1.61.013	1	16	Head, handle, two-piece valve	SZ1304.61.102	1
	Multi-way valve of double-acting valve body			17	Mounting bolt M4×10, knob	5113531/1.82.797C	4
8	Pin 2×18	GB/T91-2000	2	18	Control lever assembly, 2-piece valve	1204-1.61.012	1
9	Connecting pin, control rod, multi-way valve	1601.1.2000/5/5126824	2	19	Control lever assembly, 1-piece valve	1204-1.61.011	1

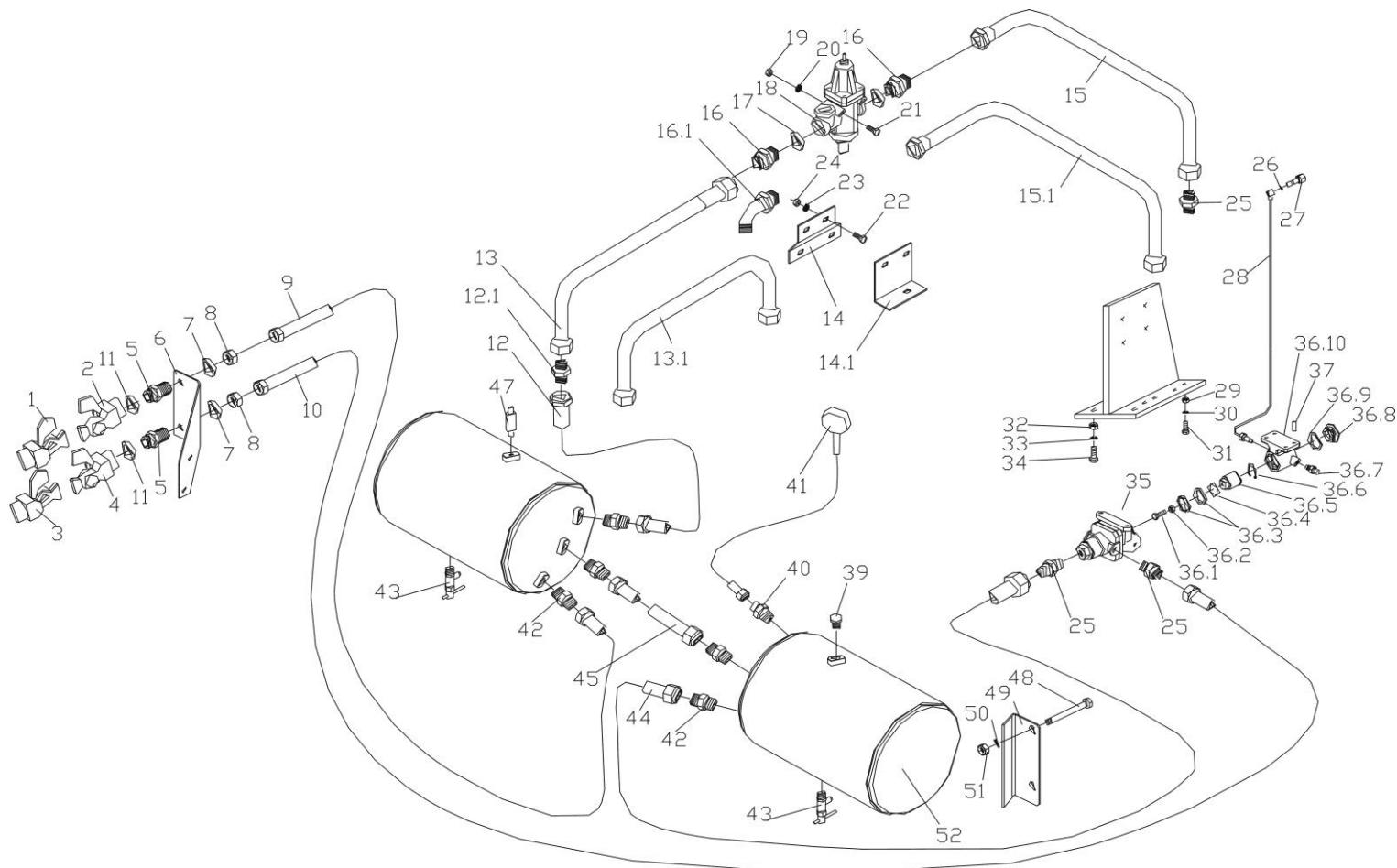
61 Two-piece valve assembly



61 Two-piece valve assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Screw M5×16	GB70-85	4	22	Single and double acting adjusting seat	DLF/50-1P-215	2
2	Washer 5-140HVZn.D	GB848-85	4	23	Single and double acting adjuster lever	DLF/50-1P-214	2
3	Spring cup	DLF/50-1P-208	2	24	O-ring Φ17×2.65	GB3452.1-82	2
4	Screw, spool valve	DLF/50-1P-205	3	25	O-ring Φ13.2×1.8	GB3452.1-82	2
5	Seat, spring	DLF/50-1P-206	2	26	Housing, three-position valve	DLF/50-1P-209	2
6	Spring, spool valve	DLF/50-1P-207	2	27	Scraper seal	DLF/50-1P-201	2
7	Rod, three-position valve	DLF/50-1P-203	2	28	Seat, safety valve	DLF/50-1P-101	1
8	Cover (RR)	DLF/50-1P-204	1	29	Core, safety valve	DLF/50-1P-102	1
9	O-ring Φ17×1.8	GB3452.1-82	2	30	Spring, relief valve	DLF/50-1P-104	1
10	Retainer ring, seat, oil outlet	DLF/50-1P-007	1	31	Adjusting block, spring	DLF/50-1P-103	1
11	Seat, oil outlet	DLF/50-1P-006	1	32	Retainer ring, safety valve	DLF/50-1P-106	1
12	Body, one-way valve	DLF/50-1P-210	2	33	Nut M10×1	GB6170-86	6
13	Spring, one-way valve	DLF/50-1P-213	2	34	Washer 10	GB859-87	3
14	Seat, spring, check valve	DLF/50-1P-212	2	35	Bolt M10×1-8.8L=160	GB901-88	3
15	Retainer ring, seat, spring, check valve	DLF/50-1P-211	2	36	O-ring Φ19×2.65	GB3452.1-82	6
16	O-ring Φ14×2	GB3452.1-82	2	37	O-ring Φ14×2.65	GB3452.1-82	2
17.1	Stopper	DLF/50-1P-003	2	38	Small retainer ring, three-position valve	DLF/50-1P-009	2
17.2	Locking plate	DLF/50-1P-002	2	39	Retainer ring, three-position valve	DLF/50-1P-008	2
17.3	Retainer	DLF/50-1P-301	2	40	Combined gasket27	JB982-77	2
18	Control fork	DLF/50-1P-001	2	41	O-ring Φ16×1.8	GB3452.1-82	5
19	Pin 2×10-Zn.D	GB91-86	2	42	Cover (FR)	DLF/50-1P-005	1
20	Shaft, Pin B622	GB882-86	2	43	Support, control lever	DLF/50-1P-202	2

80 Trailer brake system



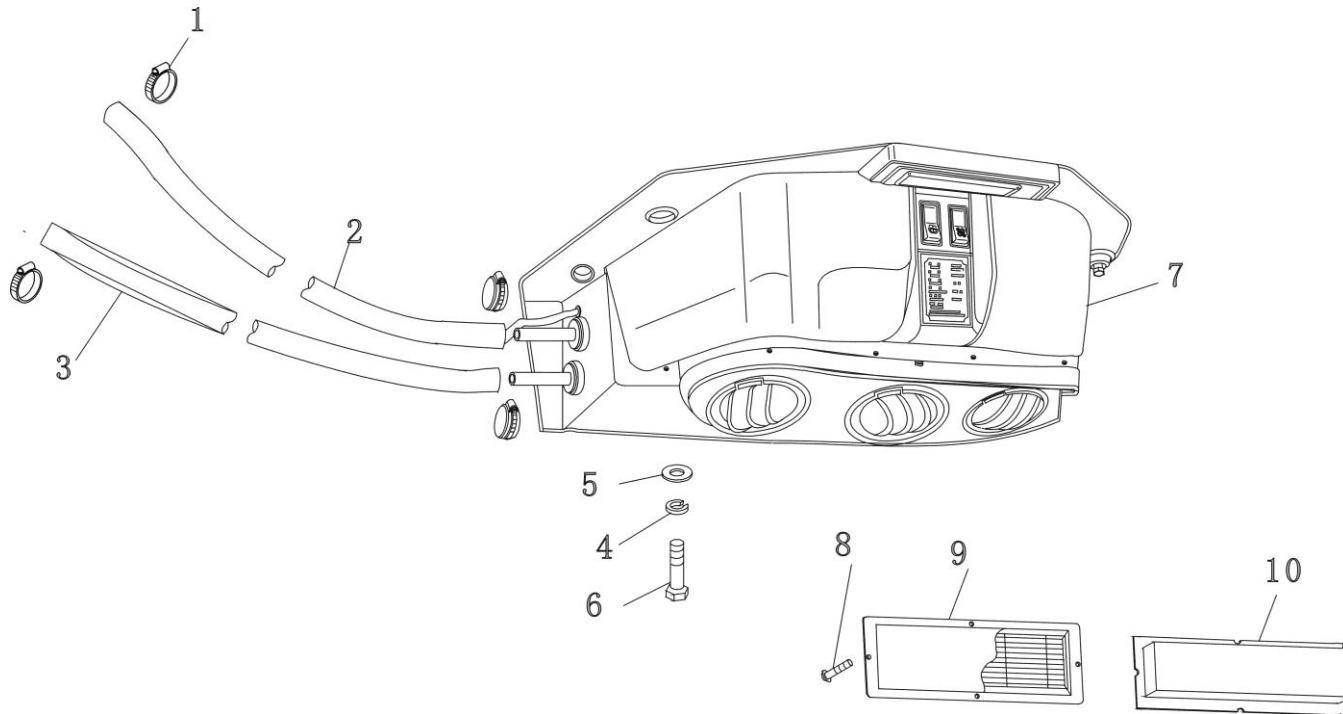
80 Trailer brake system

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Quick change coupler(red)	VIE952 200 221 0-B	1	15	Connecting pipe assembly, air compressor-unloading valve	SZ1204.80.030	1
2	Quick change coupler(red)	VIE952 200 221 0-A	1	16	Union	1254C.80.103	2
3	Quick change coupler (yellow)	VIE952 200 222 0-B	1		M22×1.5, M22×1.5		
4	Quick change coupler (yellow)	VIE952 200 222 0-A	1	16.1	O-ring seal combination connector	1604-1.80A.012	
5	Pipe joint	1254C.80.104	2	17	Combined gasket22	JB/T 982-1977	1
6	Bracket, quick connector	1254C.80.101	1	18	Unloading valve	MQPca-3511001D	2
7	Combined gasket22	JB/T 982-1977	2	19	Nut M8-Zn.D	GB/T 6170-2000	1
8	Nut M22×1.5-Zn.D	GB6173-2000	2	20	Washer 8-Zn.D	GB/T 7244-1987	2
9	Connecting pipe assembly, air reservoir-quick change coupler	SZ1204.80.036	2	21	Bolt M8×75-Zn.D	GB/T 5783-2000	2
10	Connecting pipe assembly, air brake valve-quick change coupler	SZ1204.80.034	1	22	Bolt M8×25-Zn.D	GB/T 5783-2000	2
11	Combined gasket16	JB/T 982-1977	1	23	Washer 8	GB/T 93-1987	2
12	Connecting pipe assembly, pressure regulating valve-air reservoir	SZ1204.80.033		24	Nut M8	GB/T 6170-2000	4
12.1	Connector (double ferrule)	SZ1204.80.304	2	25	Connector	SZ1204.80.305	2
13	Air outlet pipe assembly, unloading valve	SZ1204.80.031	1		(NPT 3/8 M22×1.5)		3
14	Bracket, unloading valve	SZ1204.80.303		26	Rectangular cross-section seal ring	14607/10298360	
			1		Hose (LH), master cylinder, brake		2
			1	27	10×16×1	1.68/8A0806801	
			1		Connecting bolt		1

80 Trailer brake system

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
28	Control lead, brake fluid pressure	1.73/881007308	1	40	Union (M10×1, NPT1/2)	1254C.80.102	1
29	Nut M8-Zn.D	GB/T 6170-2000	2				
30	Washer 8-Zn.D	GB/T 7244-1987	2	41	Air pressure gauge	QY142	1
31	Bolt M8×25-Zn.D	GB/T 5783-2000	2	42	Union	1254C.80.109	5
32	Nut M10-Zn.D	GB/T 6170-2000	2		(M22×1.5, NPT1/2)		
33	Washer 10-Zn.D	GB/T 93-1987	2	43	Cock, oil tank	120-1104012-b	2
34	Bolt M10×40-Zn.D	GB/T 5783-2000	2	44	Connecting pipe assembly, air reservoir-air brake valve	SZ1204.80.035	1
35	Air brake valve assembly	1604-1.80.012	1	45	Connecting pipe assembly, 2 air reservoirs	SZ1204.80.037	1
36	Oil pressure control, brake valve	1.73/8A1007301	1	47	Relief valve CA-10	LB007.3.2.0	1
36.1	Bolt M8×30	GB/T 5783-2000	1	48	Stay bolt	1254C.80.115	8
36.2	Nut M8	GB/T 6170-2000	1	49	Air cylinder bracket	1254C.80.114	4
36.3	Dust cover unit	1.73/881007305	1	50	Washer 8-Zn.D	GB/T93-1987	4
36.4	O-ring 37×3.1	GB/T 1235-1976	1	51	Nut M8-Zn.D	GB/T6170-2000	4
36.5	Piston rod	1.73/881007303	1	52	Air cylinder assembly	1254C.80.010	2
36.6	Circlip 35	GB/T 893.1-1986	1				
36.7	Bleeder screw	1.65.332/5106843	1				
36.8	Screw plug	1.73/8A1007304	1				
36.9	Washer	1.73/881007355	1				
36.1	Body, cylinder	1.73/881007302	1				
37	Pin 8×16	GB/T119.1-1986	2				
39	Hexagon head tapered plug 3/8	QC/T381-1999	1				

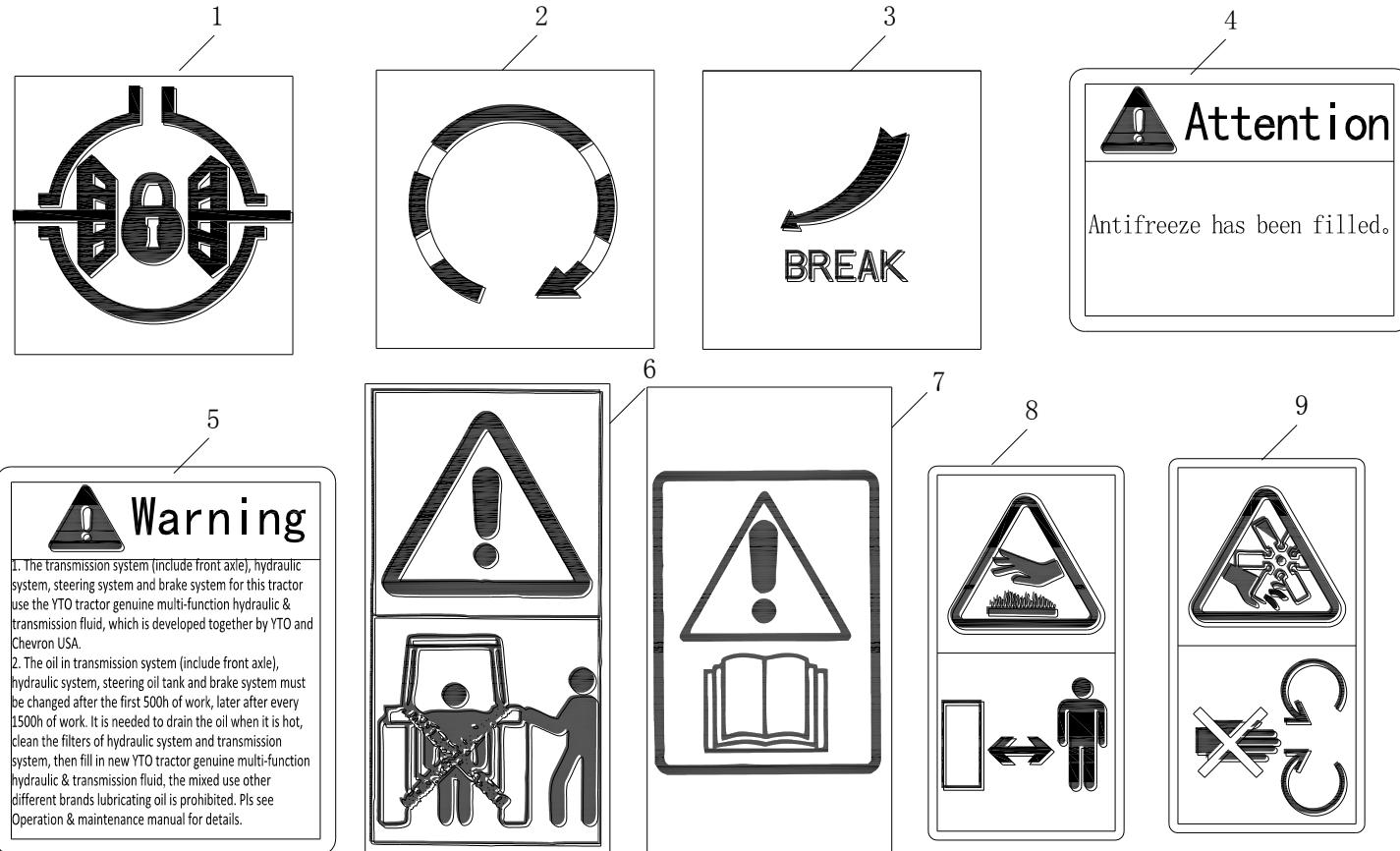
81 Heating & ventilation systems & heating piping

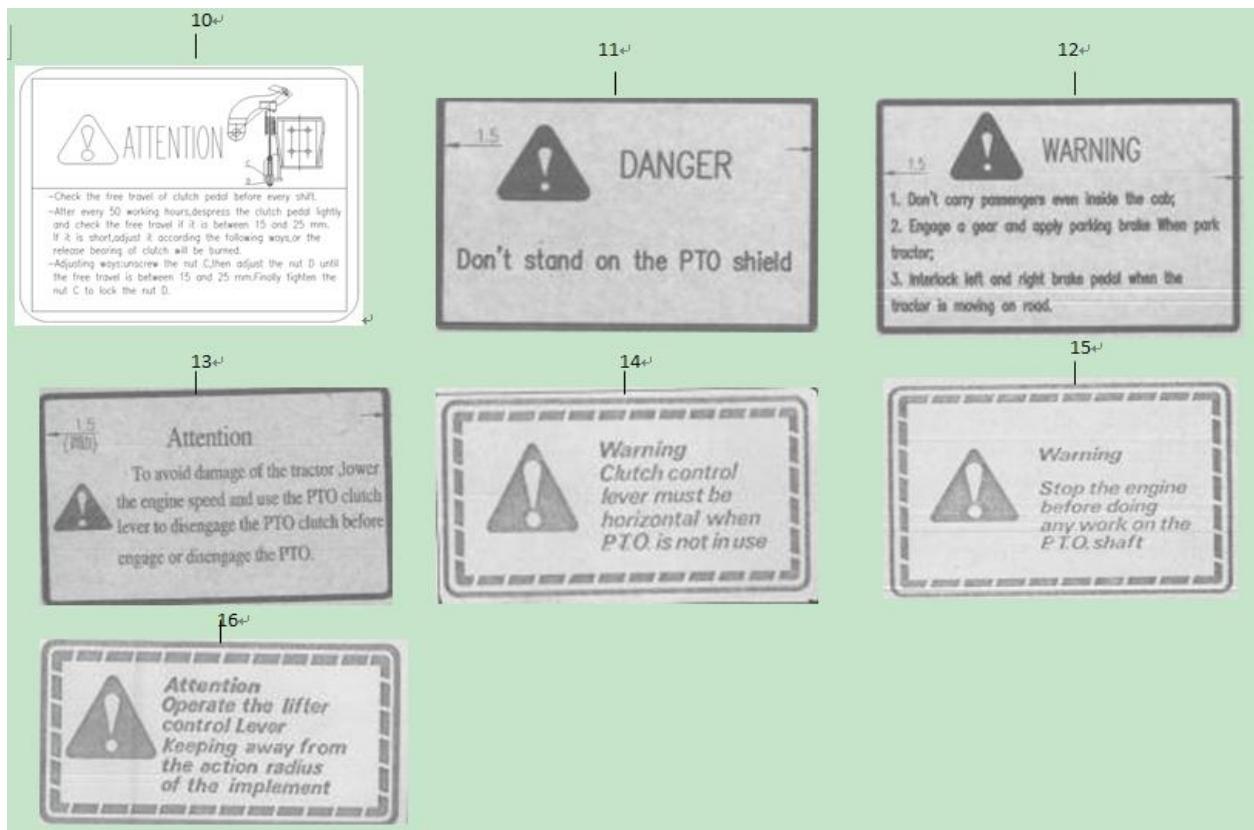


81 Heating & ventilation systems & heating piping

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Clamp D=16~25	QC/T619	4				
2	Water outlet pipe, fan heater	SZ1254.81.102	1				
3	Water inlet pipe, fan heater	SZ1254.81.101	1				
4	Washer 8	GB 862.1-87	4				
5	Washer 8	GB 97.1-85	4				
6	Bolt M8×40	16136124/10372	4				
7	Fan heater assembly	JB606.81.001	1				
8	Screw M4×14	GB 818-85	4				
9	Cover plate, filter element	SZ804.45A.703	1				
10	Air cleaner element	SZ804.45A.702	1				

98 Signs & decals





98 Signs & decals

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	1.98/880009827	Differential lock-up sign	1	16	1.98.077A/5126654A	Hydraulic lifting warning sign (in English)	1
2	1.98/880009825	Starting sign	1				
3	1.98/880009854	Emergency brake sign	1				
4	SZ804.98.315	Antifreeze sign (in English)	1				
5	SZ804.98.318	Oil change label (in English)	1				
6	1.98/880009842	“Keep away from lifter” warning sign	1				
7	1.98/880009843	Sign, operation manual	1				
8	1.98/880009846	Heat warning sign	1				
9	1.98/880009847	Fan warning sign	1				
10	SZ1204-1.21.408	Clutch adjustment warning sign (in English)	1				
11	1.98/880009809A	Guard safety warning sign (in English)	1				
12	1.98/880009808A	Safe operation sign (in English)	1				
13	1.98/880009815	PTO control warning sign (in English)	1				
14	1.98.019A/5011794A	Position sign (in English), lever, auxiliary clutch	1				
15	1.98.061A/5011792A	Implement safety sign(in English)	1				

Parts Catalog for YTO-X1204 Tractor

(Optional model)

YTO Group Corporation

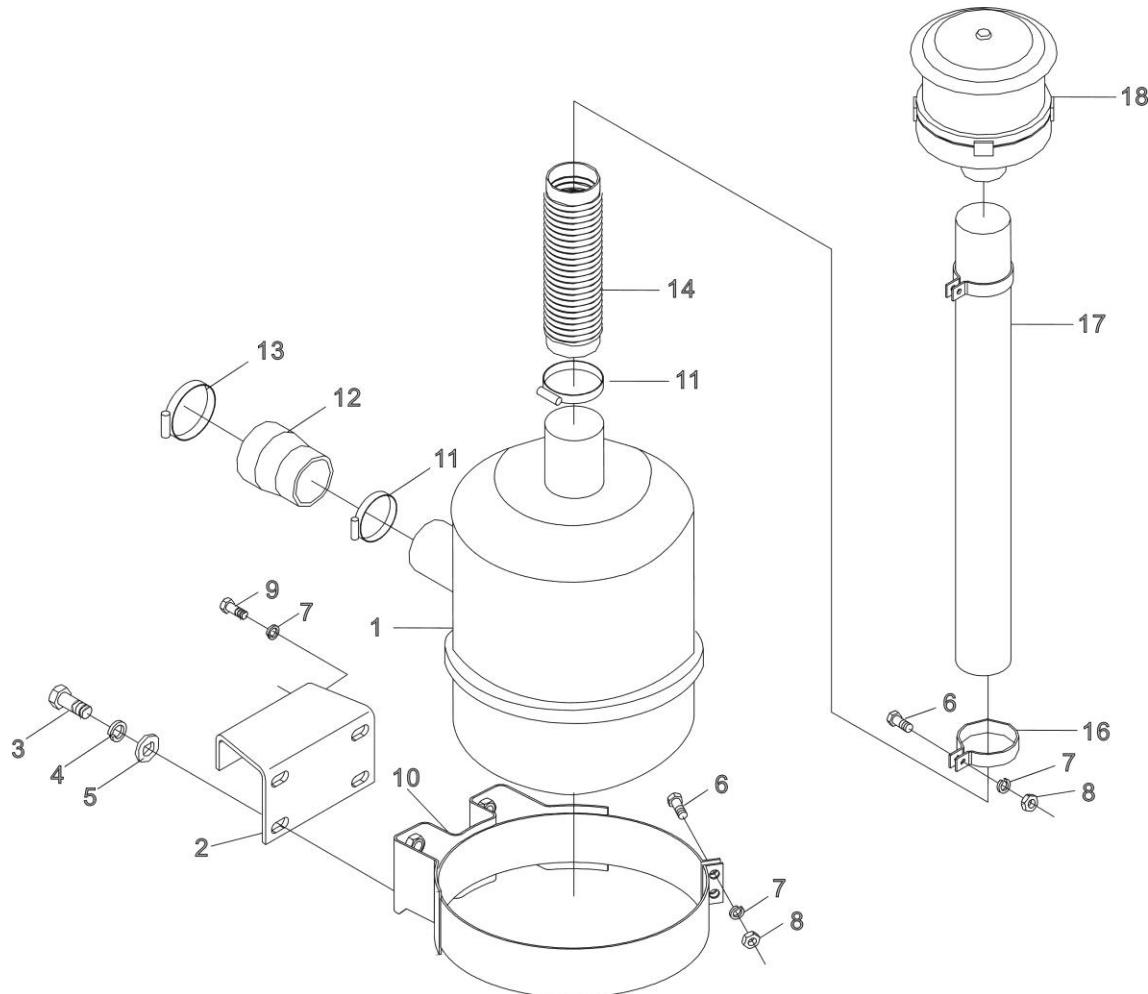
Description of catalog of optional components:

This part includes catalog of optional parts and catalog of changed assemblies due to optional parts, for reference of customer when ordering spare parts. E.g. ROPS sun shade is an optional part, changes of assemblies such as air filter assembly, lighting system and electrical system harnesses, due to this optional part, thus the air filter assembly, the lighting system, the electrical system harnesses and the ROPS sun shade are typeset together for convenience of customer.

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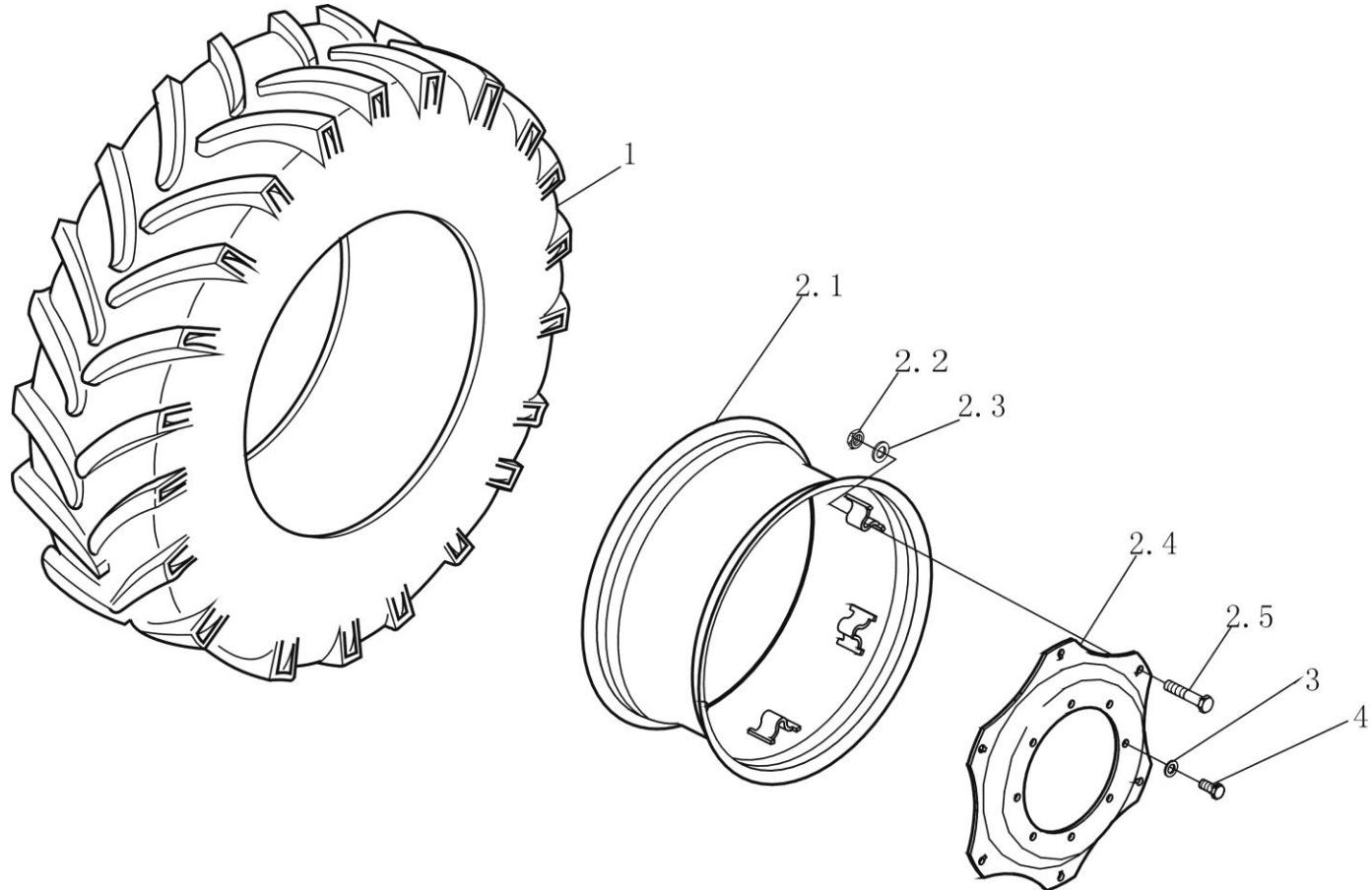
18 Installed air cleaner assembly (optional desert air cleaner)



18 Installed air cleaner assembly (optional desert air cleaner)

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Air Filter Assembly	F5/6L 912A2-0000	1	17	Transition connection tube unit	6RT12.210101SZ	1
2	Transition support weldment	4RCT4.220100-SZ	1	18	Prefilter	KA30A-3	1
3	Bolt M10×20-Zn.D	GB/T5783-2000	4				
4	Washer 10-Zn.D	GB/T93-1987	4				
5	Washer 10-Zn.D	GB/T97.1-2002	4				
6	Bolt M8×30-Zn.D	GB/70.1-2000	4				
7	Washer 8-Zn.D	GB/T7244-1987	6				
8	Nut M8-Zn.D	GB/T6170-2000	4				
9	Bolt M8×20-Zn.D	GB/T5783-2000	2				
10	Bracket unit, air cleaner	6RTF.210350	1				
11	Hose clamp (80-100)	QC/T619-1999	3				
12	Intake connecting hose	6RTF.200002	1				
13	Clamp (76-92)	QC/T619-1999	1				
14	Connection tube, air inlet	SZ904.18.111	1				
16	Clamp	6RT12.210202SZ	1				

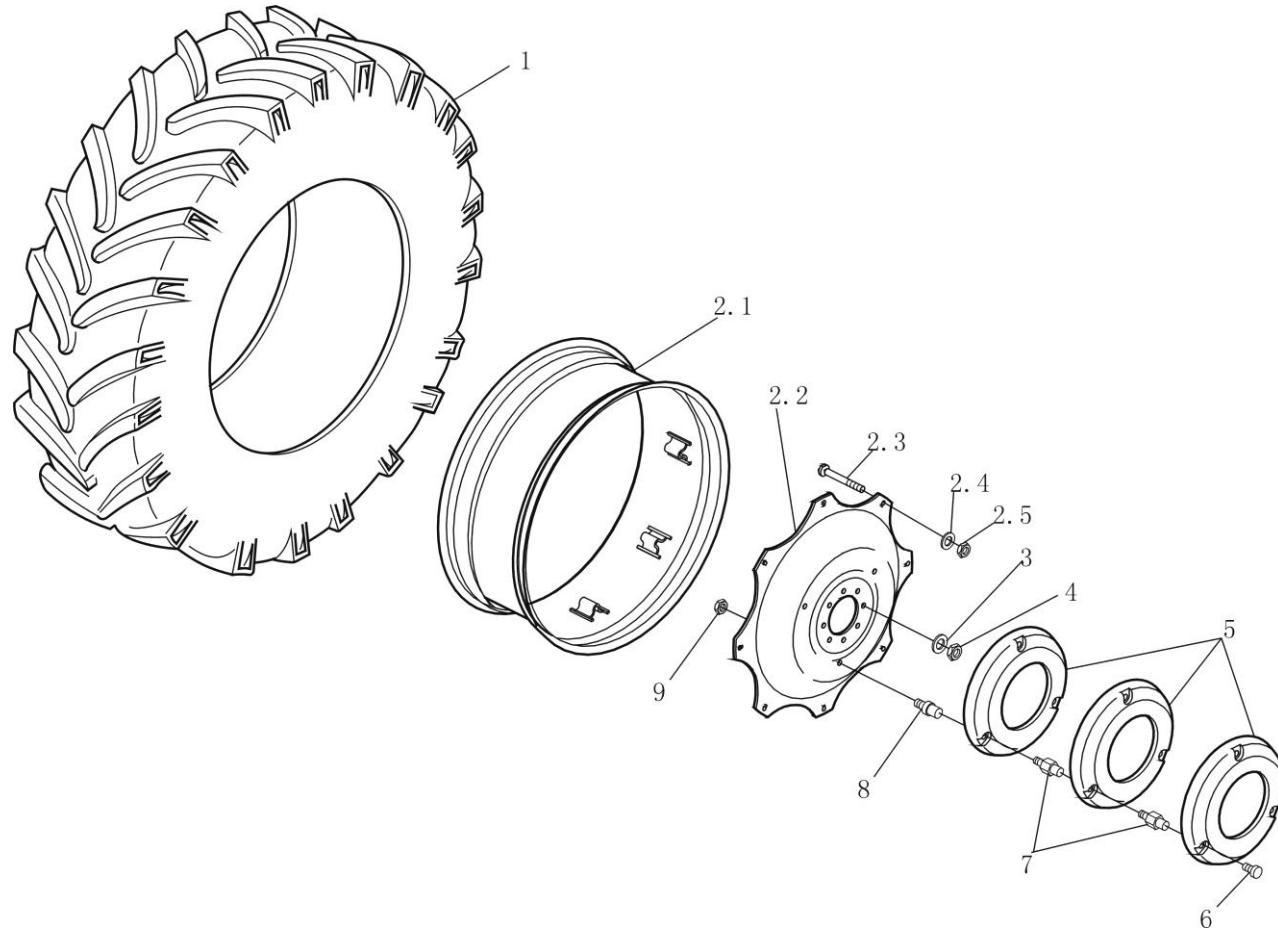
32 Front driving wheel assembly



32 Front driving wheel assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
	Paddy tire 12.4-26						
1	Paddy tire 12.4-26 (including inner tube & outer cover)	GB 2979-91	2				
2	Hub unit, traction wheel	SZ1204.32A.010					
2.1	Welded hub unit, traction wheel	SZ1204.32A.011	2				
	(W11-26)		2				
2.2	Nut M16×1.5-Zn.D	GB 6171-86	12				
2.3	Washer, spoke	4986961/1.49.440	12				
2.4	Spoke, traction wheel (FR)	1204.32.101	2				
2.5	Bolt, rim & spoke	5112385/1.49.541	12				
3	Washer, spoke	4986961/1.49.440	16				
4	Bolt M16×1.5×45	14258304/10357/04	16				

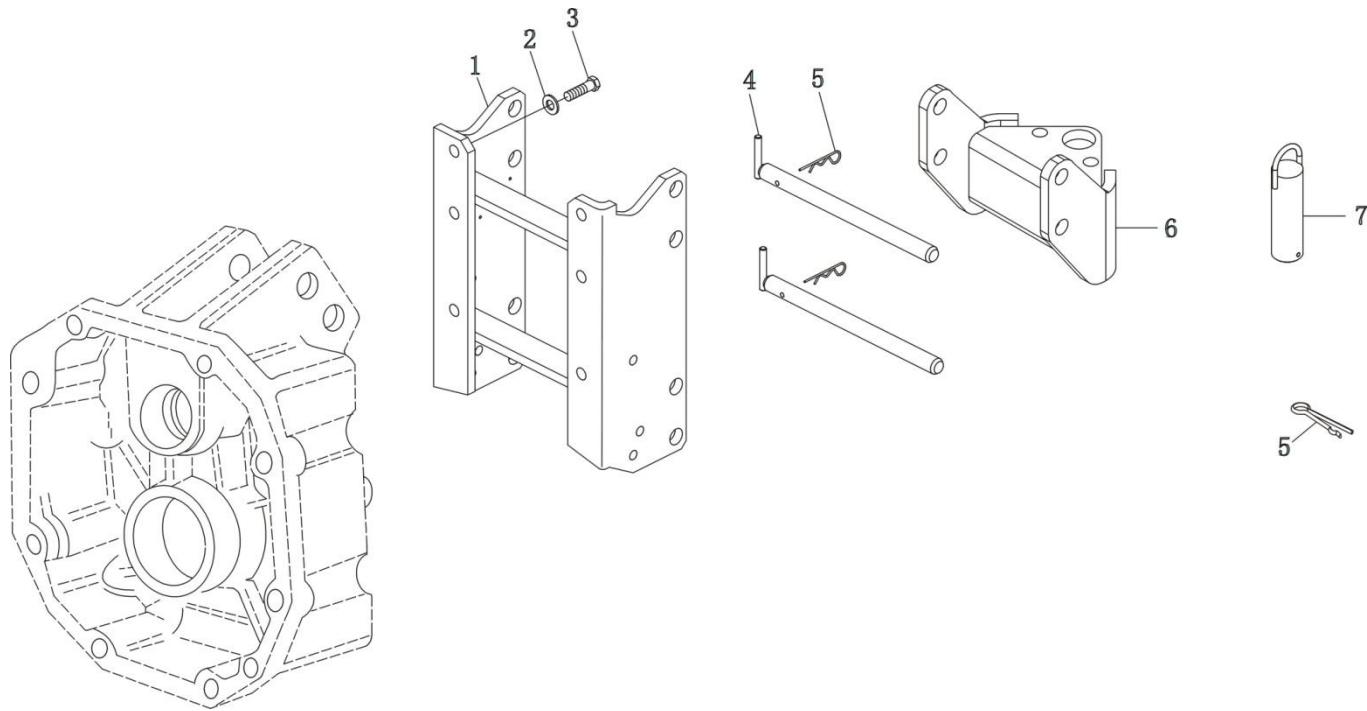
34 Rear driving wheel assembly



34 Rear driving wheel assembly

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
	Sugarcane trailer tire 18.4-34						
1	Sugarcane trailer tire 18.4-34 (including inner tube & outer cover)	GB 2979-91	2				
2	Hub unit, traction wheel	SZ1204.34A.010	2				
	W15L×34						
2.1	Welded rim unit	880804903/1.49	2				
	W15L×34						
2.2	Spoke, traction wheel	880804906/1.49	2				
2.3	Bolt, rim & spoke	5131725/1.49.514A	16				
2.4	Washer, spoke	4986961/1.49.440	16				
2.5	Nut M16×1.5-Zn.D	GB 6171-86	16				
3	Washer	44011091/1.49.540	16				
4	Nut M18×1.5-Zn.D	GB 6171-86	16				
5	Counterweight disc, traction wheel	SZ804.74A.502	6				
6	Bolt	GB 5785-86	6				
	M16×1.5×35-Zn.D						
7	Socket bolt, counterweight disc	44018047/1.49.726	12				
8	Socket bolt, counterweight disc	44018046/1.49.723	6				
9	Nut M16×1.5-Zn.D	GB 6171-86	6				

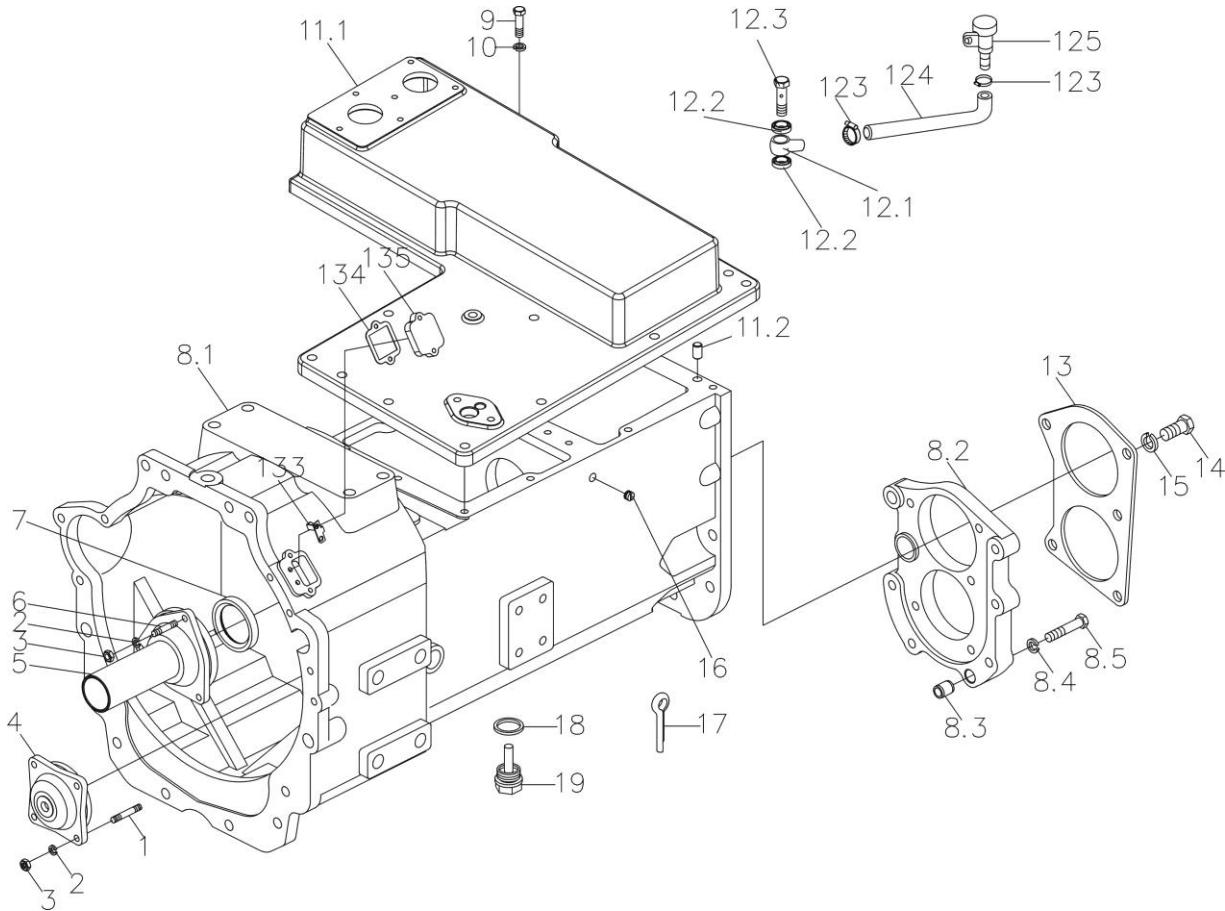
35 Hitch bar assembly (optional)



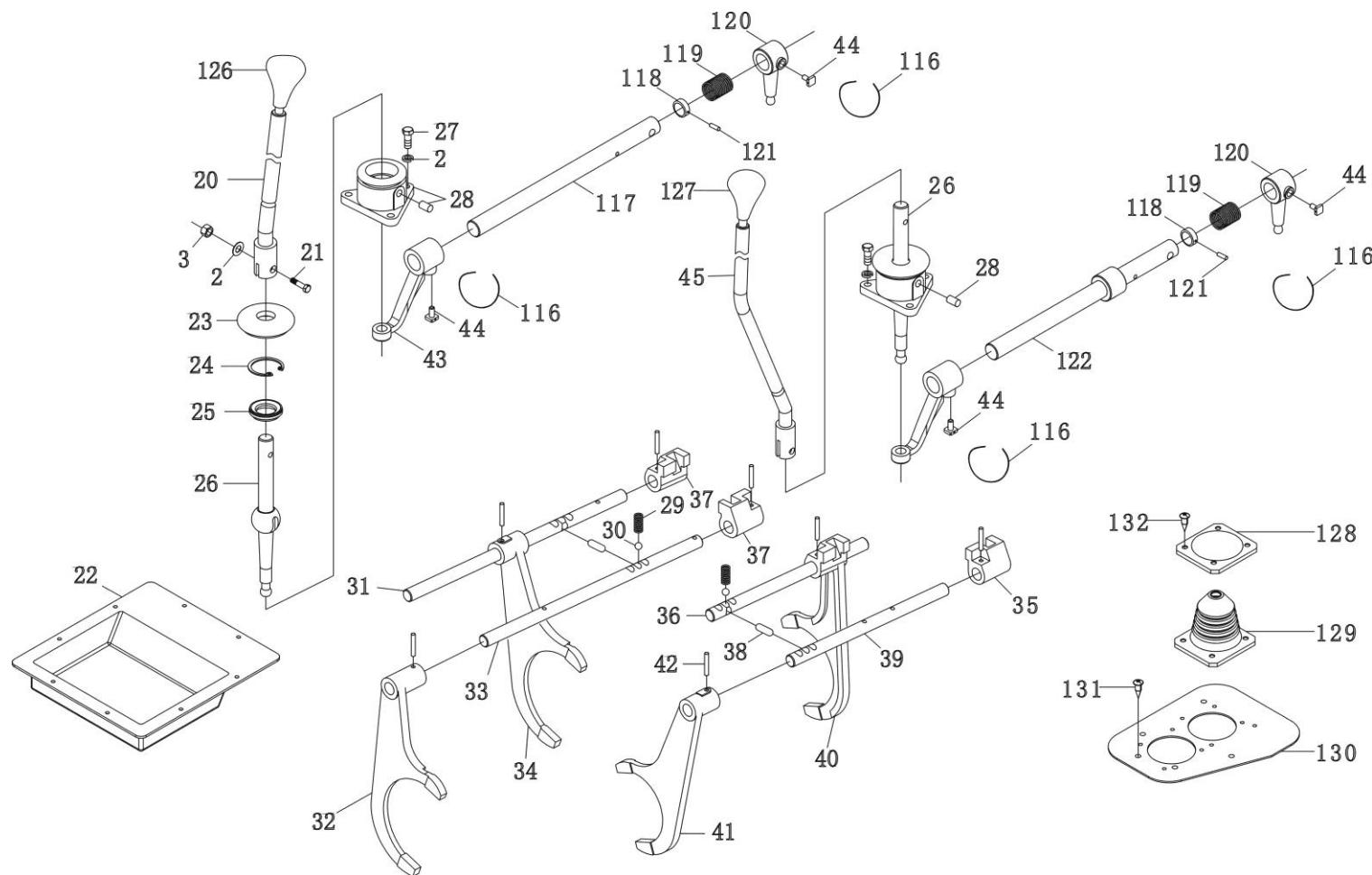
35 Hitch bar assembly (optional)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Suspension and drawbar bracket	5131798/1.89.008	1				
2	Lock washer 18-Zn.D	10517371/10188	6				
3	Bolt M18×1.5×55	15984421/10312	6				
4	Pin assembly, drawbar cross beam	4996915/1.89.026	2				
5	Locking pin	44007661/1.82.945	3				
6	Drawbar hook	SZ1204.35.010	1				
7	Trailer pin assembly	SZ804.53.014	1				

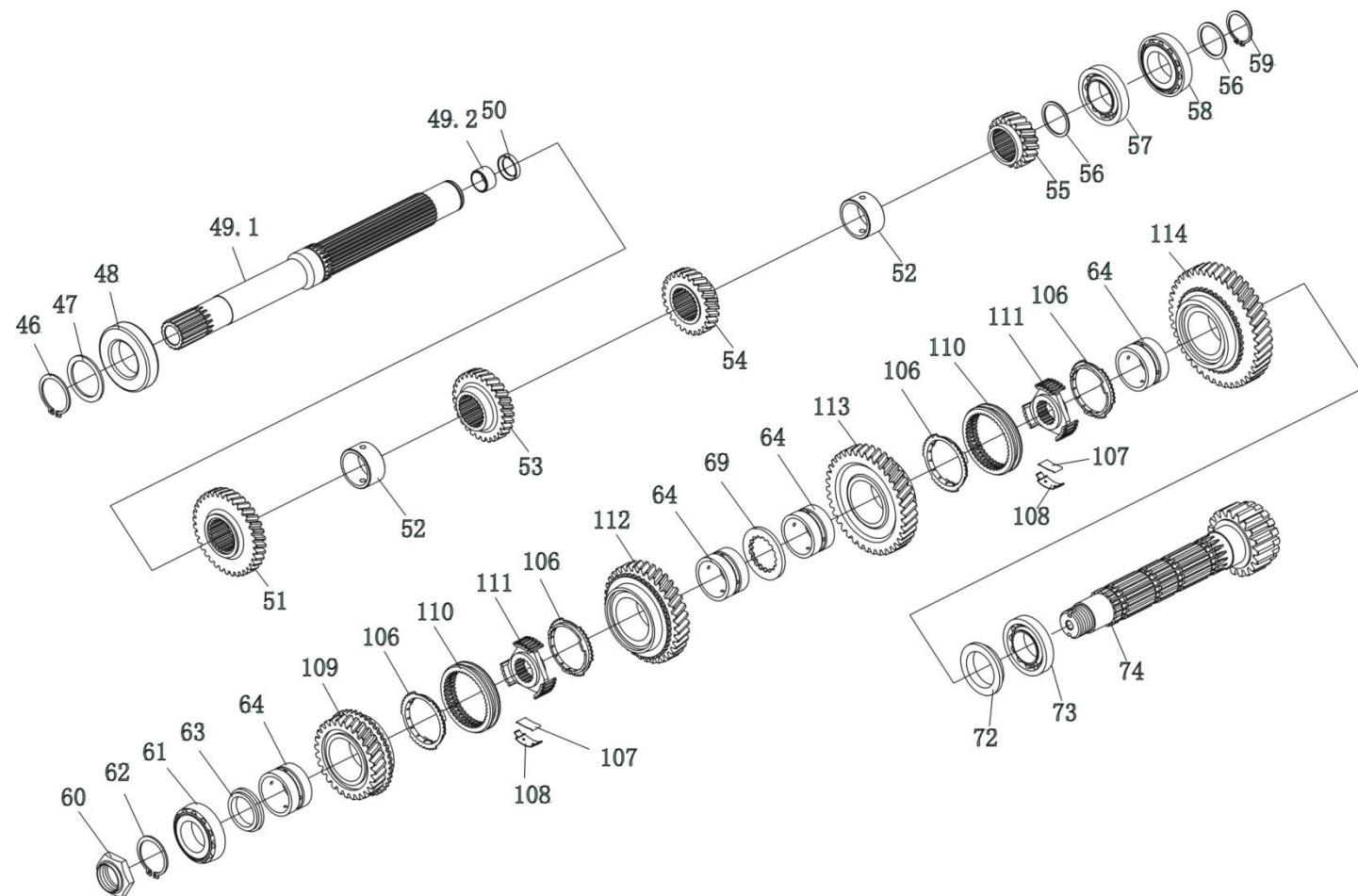
37 Transmission case assembly (FR) (optional synchronizer)



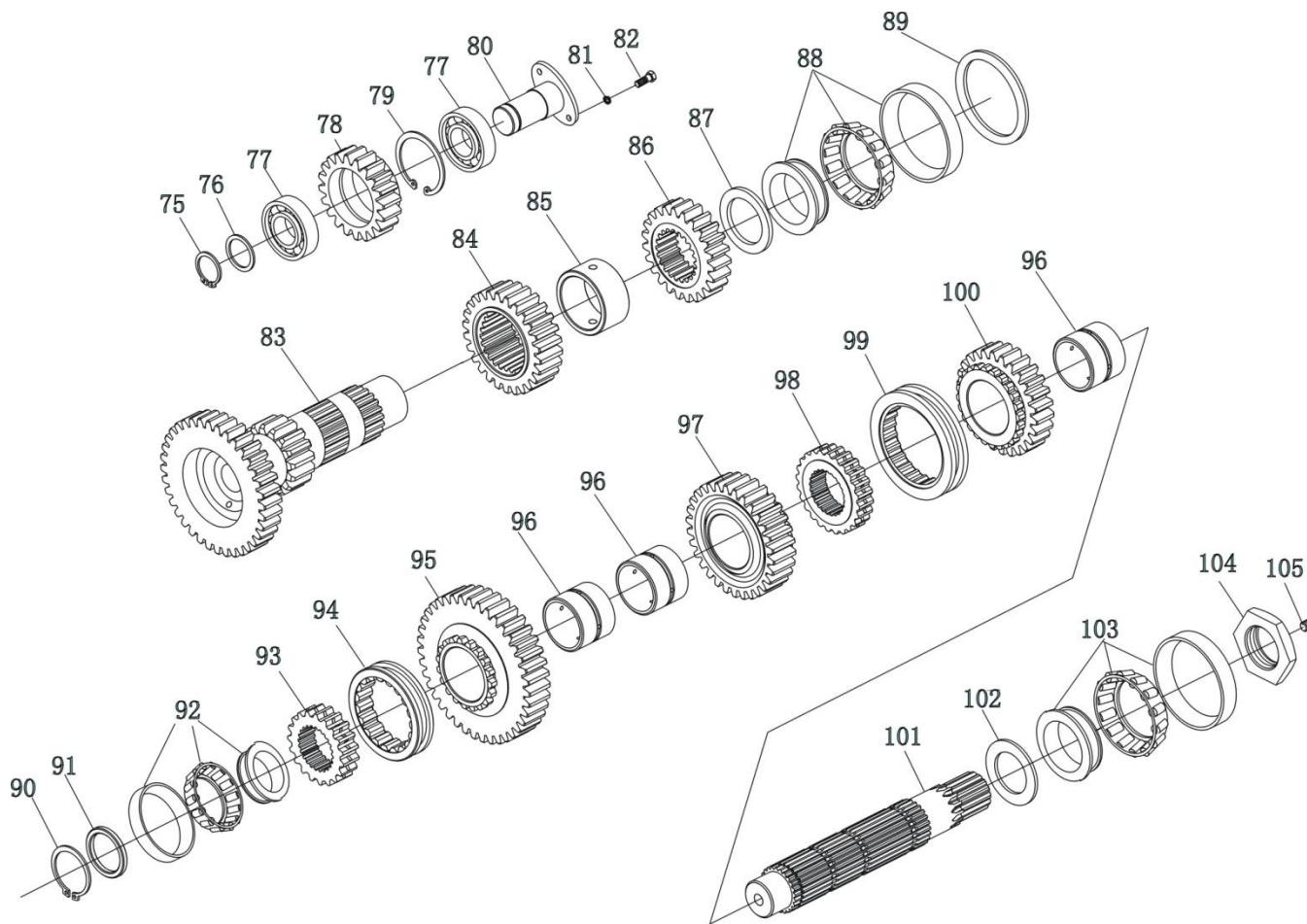
37 Transmission case assembly (FR) (optional synchronizer)



37 Transmission case assembly (FR) (optional synchronizer)



37 Transmission case assembly (FR) (optional synchronizer)



37 Transmission case assembly (FR) (optional synchronizer)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Stud	GB 898-88	4	12	Elbow connection, plug, drum breather	1604-1.37.112-1	1
	AGM8-M8×30-8.8-Zn.D				Hinged bolt	1604-1.37.117	1
2	Washer 8	GB/T 93-1987	15		Washer 20	JB/T982-1977	2
3	Nut M8-Zn.D	GB 6175-2000	7	13	Retainer, bearing, auxiliary transmission	1204.37.140-2	1
4	Bearing cap, driven shaft	1204.37.106	1	14	Bolt M12×1.25×35	GB 5786-86	5
5	Bearing cap, driving shaft	1204.37.105	1	15	Washer 12	GB 7244-87	5
6	Stud	GB 898-88	3	16	Slotted plug M12×1.25	10152314/14548	2
	AGM8-M8×35-8.8-Zn.D			17	Pin 6.3×26	GB 91-86	1
7	Oil seal FB55×75×12-F	GB9877.1-1988	1	18	Seal washer22	JB982-77	1
8	Housing unit, transmission case (FR)	1204-1.37.011	1	19	Magnetic drain plug unit	885118991/1.21.030A	1
8.1	Housing, transmission case (FR)	1204-1.37.101	1	20	Welded auxiliary shift lever unit	1204-1.37.014	1
8.2	Bearing seat	1204.37.102-1	1	21	Bolt M8×45	GB/T 5782-2000	2
8.3	Locating sleeve	1204.37.103	2	22	Shield (LWR), cover (UPR), transmission	1204-1.37.113	1
8.4	Washer 12	GB 7244-87	7	23	Sleeve, main shift lever	5129575/1.29.119A	2
8.5	Bolt M12×1.25×60	GB 5786-86	7	24	Circlip 40	GB 893.1-86	2
9	Bolt M10×1.25×35	GB 5785-86	11	25	Oil seal, master lever	4984223/1.29.195	2
10	Washer 10	GB 7244-87	11	26	Control lever (LWR), shift lever	1204-1.37.110	2
11	Cover unit (UPR), transmission			27	Bolt M8×25	GB 5782-2000	6
11.1	Cover (UPR), transmission	1204-1.37.102	1	28	Support unit, main shift lever	5127961/1.29.014	2
11.2	Dowel pin	4985063/1.21.067	2	29	spring	884994342/1.29.031	4
				30	Steel ball 8.5	GB 308-89	4

37 Transmission case assembly (FR) (optional synchronizer)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
31	Slider, I-II	1204-1.37.104	1	49.1	Driving shaft	1204.37.104	1
32	Fork, III- IV	1204.37.166	1	49.2	Bush, driving shaft	4985057/1.28.137	1
33	Slider, III- IV	1204-1.37.105	1	50	Oil seal (RR), driving shaft $28 \times 38 \times 7$	5106073/1.28.192	1
34	Fork, I-II	1204-1.37.114	1	51	Driving gear, IV	1204.37.113SZ	1
35	Shift head	8A5129522/1.29.004	1	52	Spacer	5131905/1.28.143	2
36	Slider, N-R	1204-1.37.107	1	53	Driving gear, III	1204.37.111SZ	1
37	Reverse shift rod (MID)	1204.37.185	2				
38	Interlock pin	5110264/1.29.041	2				
39	Slider, Hi-Lo	1204-1.37.106	1				
40	Reverse shift fork (MID)	1204-1.37.103	1				
41	Fork, Hi-Lo	1204.37.167	1				
42	Spiral spring pin 5×30	13907670/12215	7				
43	Shifting block, transfer, external control	1604-1.37.110	2				
44	Set screw, shifting block	LG1304.37.166	4				
45	Welded main shift lever unit	1204-1.37.013A	1				
46	Circlip 55	GB 894.1-86	1				
47	Adjusting shim, driving shaft	1204.37.145-154	As required				
		1204.37.189-192					
48	Bearing NUP211E(92211E)	GB/T283-1994	1				
49	Driving shaft unit	1204.37.012	1				

37 Transmission case assembly (FR) (optional synchronizer)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
54	Driving gear, II	1204.37.109SZ	1	69	Retainer ring	5127573/1.28.131	1
55	Driving gear, I	1204.37.107SZ	1	72	Circlip, driven shaft	1204.37.120	1
56	Circlip, driving shaft	1204.37.115	1	73	Cone bearing (RR), driven shaft	1204.37.118	1
57	Cone bearing (RR), driving shaft	1204.37.116	1	74	Driven shaft	1204.37.121-2SZ	1
58	Cone bearing 32209E(7509E)	GB 297	2				
59	Circlip 45	11069076/12245	1				
60	Nut, driven shaft,	5123114/1.28.149	1				
61	Bearing (FR), driven shaft	GB/T283	1				
	NUP2208E(92508E)		1				
62	Washer, locking plate	4998562/1.80.141A	1				
63	Retainer ring, driven gear, 1000 r/min	4998561/1.80.115	1				
64	Synchronizer sleeve	1204.37.119	4				

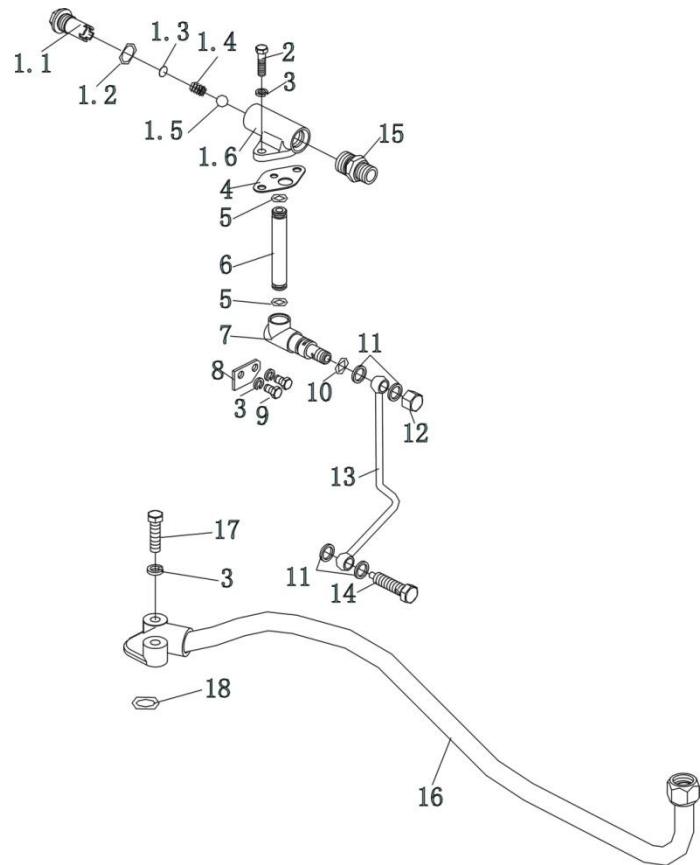
37 Transmission case assembly (FR) (optional synchronizer)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
75	Retainer ring, shaft, reverse gear	1204.37.142	1	93	Gear retainer, Hi-Lo	1204.37.133-1SZ	1
76	Washer, reverse gear	1204.37.143	1	94	Shift collar, Hi-Lo	1204.37.124SZ	1
77	Bearing 6206E(206)	GB/T276-1994	2	95	Driven gear, low range	1204.37.129SZ	1
78	Reverse idle gear	SZ1204.37.132SZ	1	96	Spacer, driven gear, auxiliary transmission	1204.37.128	3
79	Circlip 62	GB 893.1-86	1	97	Driven gear, medium range	1204.37.127-1SZ	1
80	Reverse shaft unit	1204.37.018	1	98	Gear retainer, N-R	1204.37.134SZ	1
81	Spring washer 8	GB 7244-87	2	99	Shift collar, N-R	1204.37.125SZ	1
82	Bolt M8×30	GB 5783-86	2	100	Driven gear, Reverse	1204.37.131SZ 1204.37.123-3SZ	1
83	Driving shaft, auxiliary transmission	1204.37.122-1SZ	1	101	Driven shaft, auxiliary transmission	1204.37.138-2	1
84	Driving gear, medium range	1204.37.126-1ASZ	1	102	Shim, driven shaft, auxiliary transmission	GB/T297-94	1
85	Spacer, driving gear, auxiliary transmission	1204.37.135-1	1	103	Bearing 30309E(7309)	1204.37.139	1
86	Reverse driving gear	1204.37.130SZ	1	104	Nut, driven shaft, auxiliary transmission	GB 73-85	1
87	Circlip, driving shaft, auxiliary transmission	1204.37.137	1	105	Screw M10×12	5138206/1.28.170	1
88	Cone bearing 30310E(7310E)	GB 297	1	106	Synchronizer ring	5111457/1.28.144	4
89	Adjusting shim, driving shaft, auxiliary transmission	1204.37.155~164	As required	107	Spring leaf	5150557/1.28.145	6
90	Circlip 30	12245/11067876	1	108	Seat, spring leaf	1204.37.114SZ	6
91	Washer, bearing	1204.37.193	1	109	Driven gear, IV	5127396/1.28.107	1
92	Bearing 33206E(3007206)	GB/T297-94	1	110	Shift collar, I, II, III & IV	5138222/1.28.108	2
				111	Gear holder	1204.37.112SZ	2
				112	Driven gear, III	1204.37.110SZ	1
				113	Driven gear, II		1

37 Transmission case assembly (FR) (optional synchronizer)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
114	Driven gear, I	1204.37.108SZ	1				
115	Plain washer 8	GB 96-87	2				
116	Mild steel wire	GB/T 343-1994	4				
	TA-1.6×180						
117	Inner drive link, auxiliary transmission	1204-1.37.109	1				
118	Spacer ring, spring	5132334/1.32.293	2				
119	Return spring, control lever	5127962/1.29.106	4				
120	Shifting block, control	1604-1.37.111	2				
121	Pin 5×30	BZ/JHX-SZ	2				
122	Inner drive link, main transmission	1204-1.37.108	1				
123	Hose clamp d32	JB/T8870	2				
124	Breather hose	1604-1.37.113	1				
125	Breather plug assembly	1604-1.37.015	1				
126	Auxiliary shift lever	SZ1204.37.201A	1				
127	Main shift lever	SZ804.37.109A	1				
128	Pressure plate, cover, shift lever	LG1304.37.176-1	2				
129	Cover, shift lever	LG1304.37.177-1	2				
130	Bottom plate unit, cover, shift lever	LG1304.37.025-1	1				
131	Tapping screw ST6.3×50	GB/T845-1985	6				
132	Tapping screw ST6.3×22	GB/T845-1985	8				
133	Pointer, flywheel	880002108	1				
134	Pad, inspection cover	880002107	1				
135	Inspection cover	8A0002106	1				

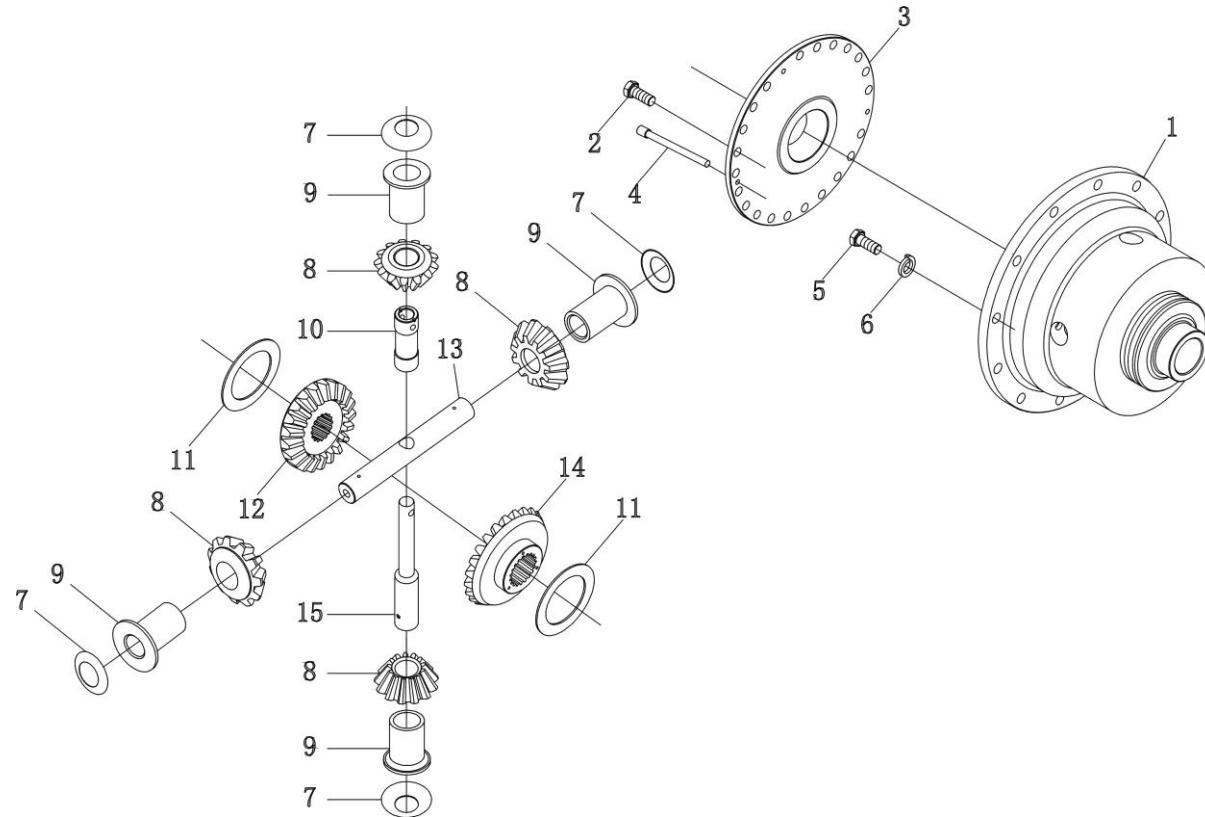
37 Transmission case assembly (FR)-cooling & lubrication systems (without power train cooler)



37 Transmission case assembly (FR)-cooling & lubrication systems (without power train cooler)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Pressure limiting valve assembly	1204.37.053	1	6	Transition oil pipe	1204.37.506	1
1.1	Seat, spring	1204.37.520	1	7	Oil outlet pipe	1204.37.508A	1
1.2	O-ring 20×2.65	GB 3452.1-82	1	8	Locating plate	1204.37.507	1
1.3	Adjusting shim	1204.37.519Thickness0.3	As required	9	Bolt M8×12-Zn.D	GB 5783-86	6
		1204.37.518Thickness0.1		10	O-ring 15×2.65	GB 3452.1-82	1
1.4	Spring, pressure relief valve	1204.37.517	1	11	Rectangular gasket	10280060/14607	4
1.5	Steel ball 130000G100	GB 308-89	1	12	Screw plug	10182817/14262	1
1.6	Casing, pressure limiting valve	1204.37.516	1	13	Oil pipe unit, oil cup	1204.37.057	1
2	Bolt M8×20-Zn.D	GB 5783-86	2	14	Pipe joint assembly, filler	5103152/1.28.873	1
3	Washer 8	GB 93-87	10	15	Oil inlet connector, pressure limiting valve	1204.37.503	1
4	Paper gasket	1204.37.505	1	16	Oil outlet pipe assembly	1204-1.37.051	1
5	O-ring 11.8×2.65	GB 3452.1-92	2	17	Bolt M8×30-Zn.D	GB 5783-86	2
				18	O-ring 14×2.65	GB 3452.1-82	1

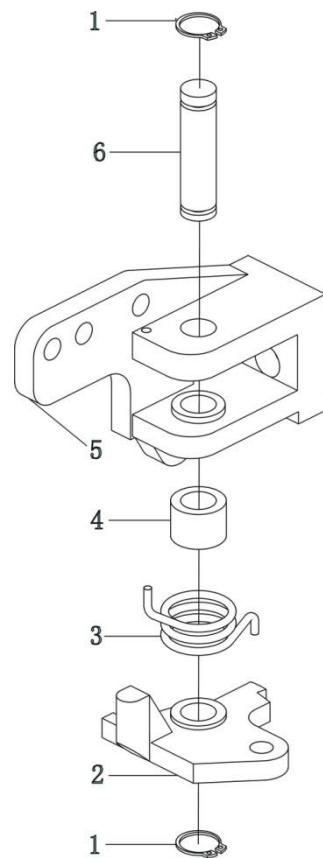
38 Transmission case assembly (RR)-differential assembly (optional for four planet gear arrangement)



38 Transmission case assembly (RR)-differential assembly (optional for four planet gear arrangement)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
	Differential assembly	SZ1304.38.010		11	Adjusting shim, side gear	4993653/1.32.424	As required
1	Carrier, differential	SZ1304.38.101	1		Thickness 1.6		
2	Bolt	GB/T5785-2000	12		Adjusting shim, side gear	4993652/1.32.424	As required
	M12×1.25×50-10.9				Thickness 1.5		
3	Cover, differential carrier	SZ1304.38.103	1		Adjusting shim, side gear	5138269/1.32.424	As required
4	Set screw, shaft, planet gear	4993655/1.32.428	1		Thickness 1.7		
5	Bolt M8×25	GB/T5783-2000	2	12	Side gear (RH), differential	SZ1304.38.109	1
6	Washer 8	GB/T93-87	2	13	Shaft, planetary gear	SZ1304.38.105	1
7	Thrust washer, planetary gear	4993654/1.32.425	4	14	Side gear (LH), differential	SZ1304.38.108	1
8	Pinion, differential	SZ1304.38.106	4	15	Stepped shaft, planetary gear	SZ1304.38.107	1
9	Bushing, planetary gear	COB010(38×34×30×30)	4				
10	Bushing, shaft, planetary gear	SZ1304.38.102	1				

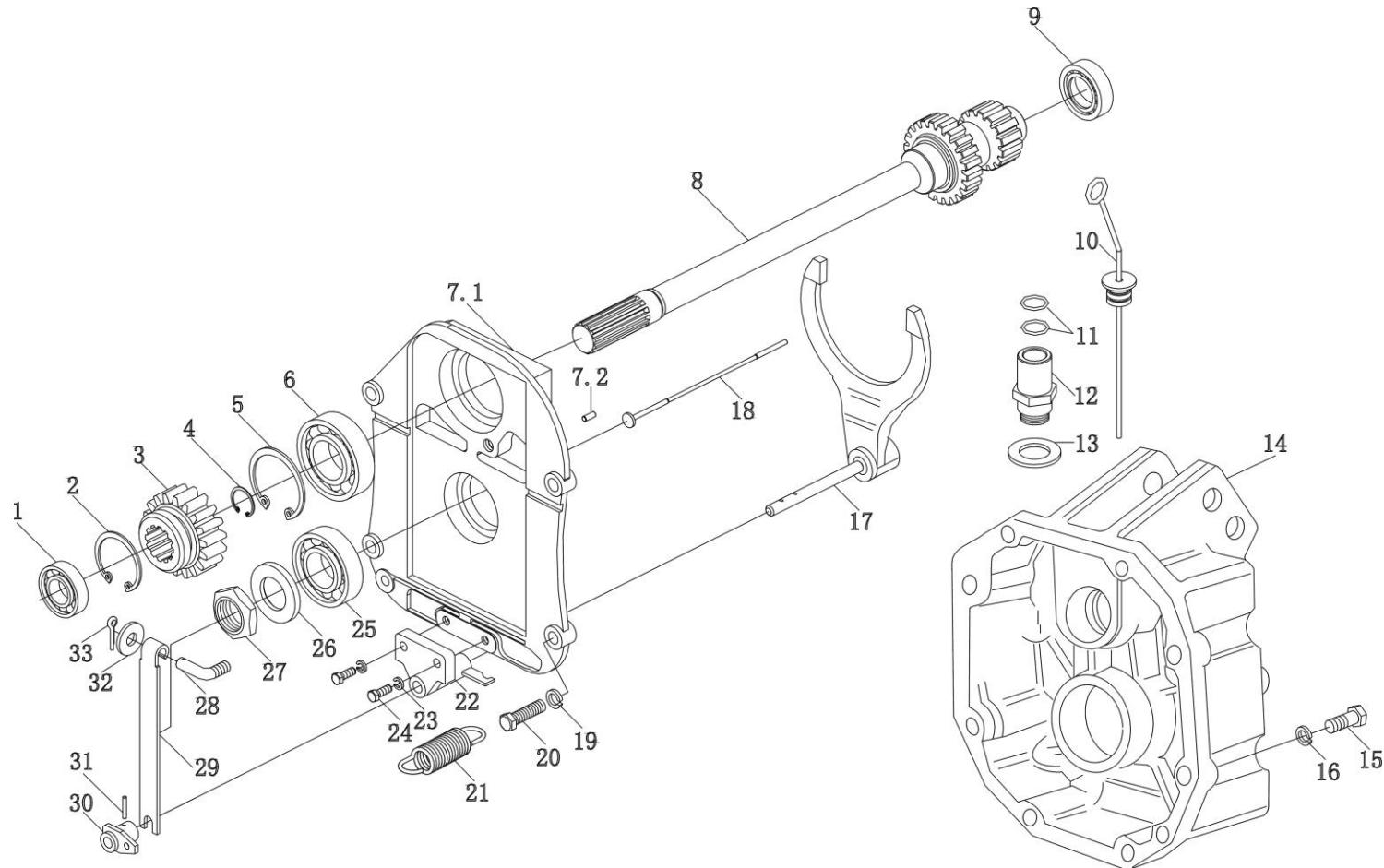
38 Transmission case assembly (RR)-differential lock mechanical disengaging mechanism (optional)



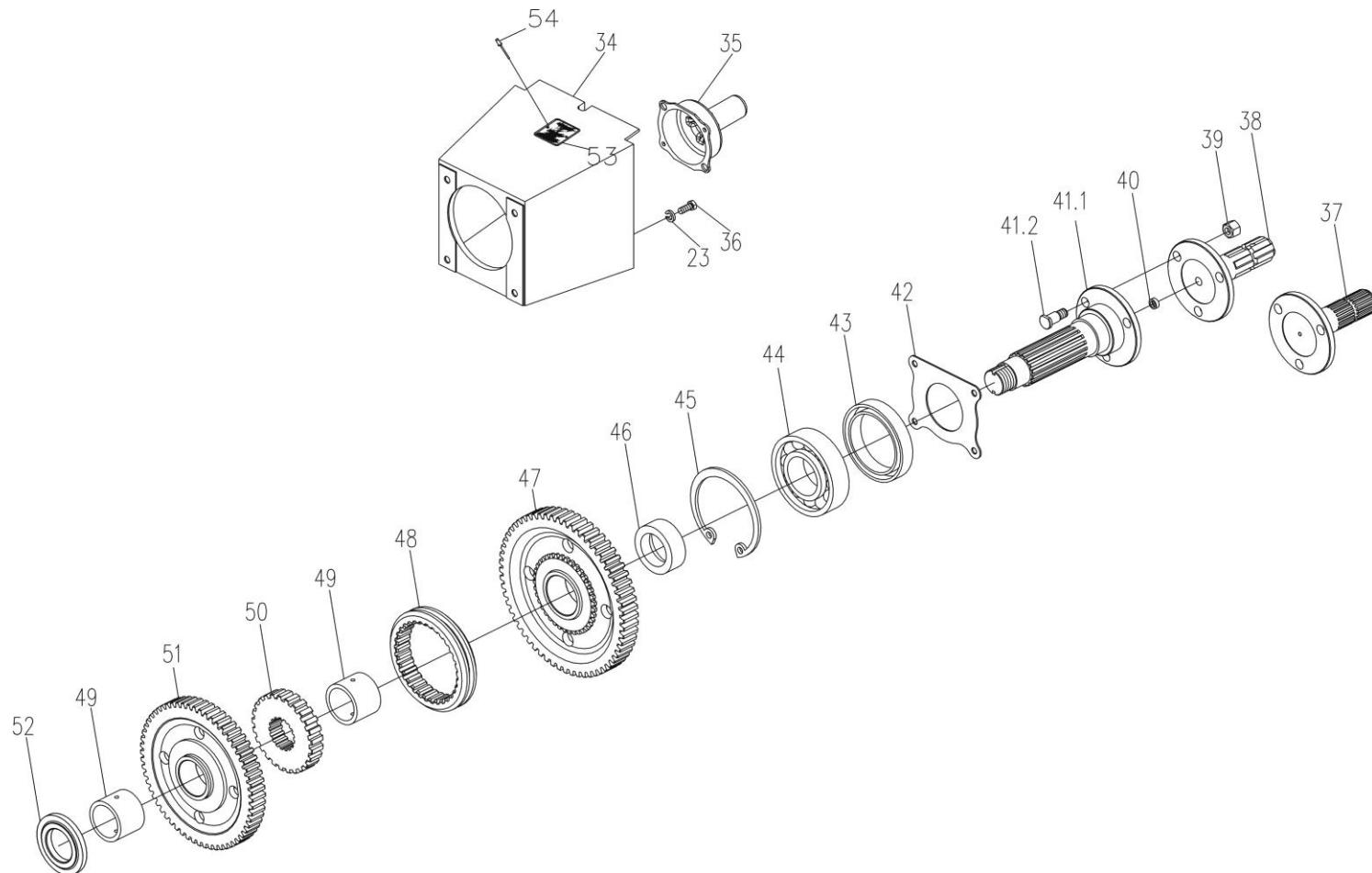
38 Transmission case assembly (RR)-differential lock mechanical disengaging mechanism (optional)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
	Mechanical disengaging mechanism, differential lock	5123692-1SZ/1.32.745					
1	Circlip 16	GB 894.1-86	2				
2	Control rocker, differential lock	88512123/1.32.722	1				
3	Return spring, rocker, differential lock	5125755/1.32.753	1				
4	Bushing, disengaging mechanism	5123694/1.32.747	1				
5	Support, hydraulic disengaging mechanism, differential lock	5123689SZ/1.32.735	1				
6	Control pin, differential lock	5123690/1.32.737	1				

41 540/720 r/min PTO assembly



41 540/720 r/min PTO assembly



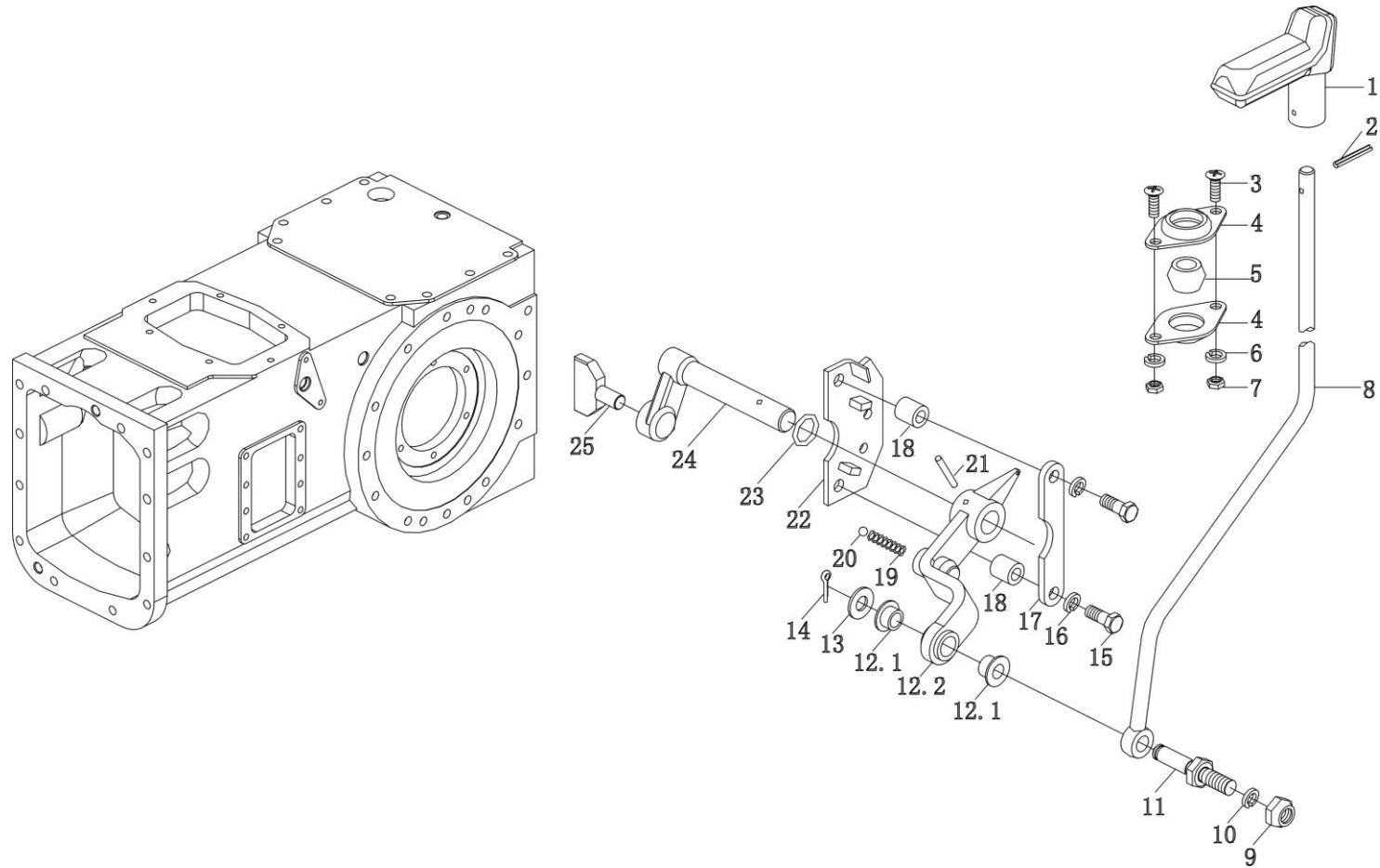
41 540/720 r/min PTO assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Bearing NJ207E(42207)	GB/T283-1994	1	16	Washer 14-Zn.D	GB 7244-87	8
2	Circlip 72	GB 893.1-86	1	17	Shift fork assembly	1004.41C.030	1
3	Gear, PTO control	4984103SZ/1.80.110A	1	18	Push rod, spring, shift control	4998563/1.80.197	1
4	Circlip 35	GB 894.1-86	1	19	Washer 12-Zn.D	GB 7244-87	4
5	Circlip 90	12246/11062476-SZ	1	20	Bolt	GB 5785-86	4
6	Bearing 6210E(210)	GB/T276-1994	1		M12×1.25×45-Zn.D		
7	Gear, PTO control	4993603/1.80.128A	1	21	spring	4983677/1.80.133	1
7.1	Support (FR), bearing, PTO	4993601/1.80.128	1	22	Guide, shaft, shift fork	1004.41C.304	1
7.2	Dowel pin φ10	10839710/12507	1	23	Washer 8	GB 7244-87	6
8	Driving shaft, PTO	1004.41C.301	1	24	Bolt M8×25-Zn.D	GB 5783-86	2
9	Bearing NJ208E(42208)	GB/T283-1994	1	25	Bearing 6208E(208)	GB/T276-1994	1
10	Oil dipstick assembly	5134353/1.80.185A	1	26	Washer, locking plate	4998562/1.80.141A	1
11	O-ring 21.89×2.9	14457680/14618	2	27	Nut, driven shaft,	5123114/1.28.149	1
12	Adapter, oil dipstick	5134350/1.80.186	1	28	Support, spring lever	4995141/1.80.165	1
13	Rectangular cross-section seal washer	10303450/14607	1	29	Spring lever, gearshift	4994660/1.80.195	1
	30×36×1.5			30	Support assembly, gearshift	4994472/1.80.138	1
14	Housing, PTO	5134365/1.80.102A	1	31	Elastic cylindrical pin 5×22	BZ/JHX-SZ	2
	(540/1,000 r/min)			32	Washer 12-Zn.D	GB 97.1-85	1
15	Bolt	GB 5785-86	8	33	Pin 3.2×18	GB 91-86	1
	M14×1.5×50-Zn.D						

41 540/720 r/min PTO assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
34	Guard unit, shaft, PTO	SZ1204.41.161	1	43	Single-edge oil seal 68×90×10	5105891/1.80.125	1
35	Jacket, shaft, PTO	SZ1204.41.101	1	44	Bearing 6211E(211)	GB/T276-1994	1
36	Bolt M8×20-Zn.D	GB 5783-86	4	45	Circlip100	12246/11062975-SZ	1
37	Head, PTO shaft, 720 r/min	1004.41C.305B	1	46	Retainer ring, driven gear	5127289SZ/1.80.114	1
38	Head, PTO shaft, 540 r/min	4983660/1.80.107A	1	47	Driven gear, PTO (540)	4998473SZ/1.80.106A	1
39	Self-locking nutM12×1.25	16105021/10125	3	48	Shift collar, PTO control	4994474SZ/1.80.117	1
40	Single-edge oil seal 10×18×6	5105895/1.80.156	1	49	Bushing, driven gear	5101549/1.28.132	2
41	Driven shaft with pin	5127291/1.80.109A	1	50	Holder, gear, PTO	4998475SZ/1.80.116	1
41.1	Driven shaft, PTO	5127290/1.80.109	1	51	Driven gear, 720 r/min	1004.41C.302	1
41.2	Bolt, shaft, PTO	44012300/1.80.133	3	52	Retainer ring, driven gear ,1,000 r/min	4998561SZ/1.80.115	1
42	Shield, oil seal (RR), PTO	4994659/1.80.151A	1				
				53	540/1000rpm PTO speed sign	SZ804.41.806	1
				54	Rivet 3.2×9, screen	GB12618	2

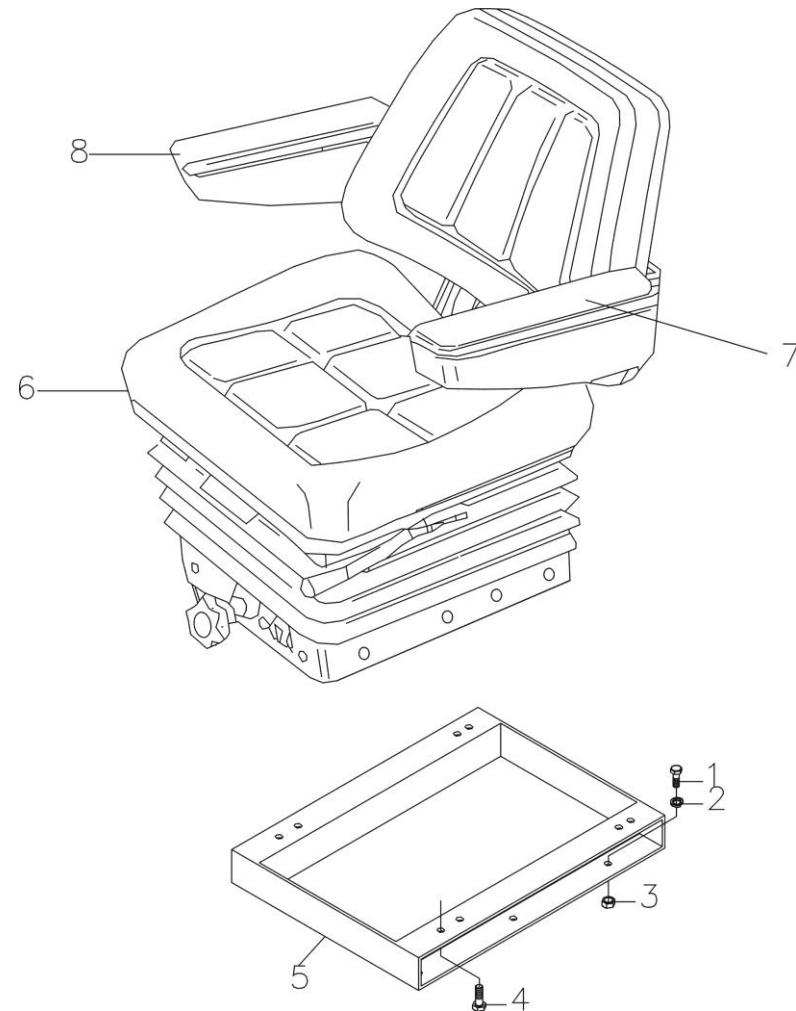
41 540/720 r/min PTO assembly



41 540/720 r/min PTO assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Handle assembly	5136799/1.80.266	1	13	Washer 10-Zn.D	GB 97.1-86	1
2	Tapping screw 4.2×25-F-H	GB 845-86	1	14	Pin 2×20	GB 91-86	1
3	Screw M6×14-Zn.D	GB 818-85	2	15	Bolt M8×40-Zn.D	GB 5782-86	2
4	Ball socket	4998311/1.80.255	2	16	Washer 8-Zn.D	GB 7244-87	2
5	Ball socket	5109058/1.80.254	1	17	Plate, external rod	4997564/1.80.238	1
6	Washer 6-Zn.D	GB 7244-87	2	18	Spacer, sector plate	4984100/1.80.253	2
7	Nut M6-Zn.D	GB 6170-86	2	19	Spring	583620/1.29.023	1
8	Lever, PTO control	1204-1.41.011	1	20	Steel ball 11/32	GB 308-77	1
9	Locking nut	GB 6173-86	1	21	Elastic cylindrical pin 6×28	BZ/JHX-SZ	1
	M10×1.25-5-Zn.D			22	Sector plate, control lever	5105547/1.80.262A	1
10	Washer 10-Zn.D	GB 93-87	1	23	Oil seal, shaft, dowel bar	59983/1.80.232	1
11	Pin, control lever, PTO	885134243/1.80271	1	24	Lever assembly, PTO control	5105543/1.80.236A	1
12	Incidental bushing, locating rod	5131480/1.80.257	1	25	Shift block	884984096/1.80.237	1
12.1	Bushing, outer lever	5129442/1.80.268	2				
12.2	Outer lever, PTO control	5131481/1.80.257	1				

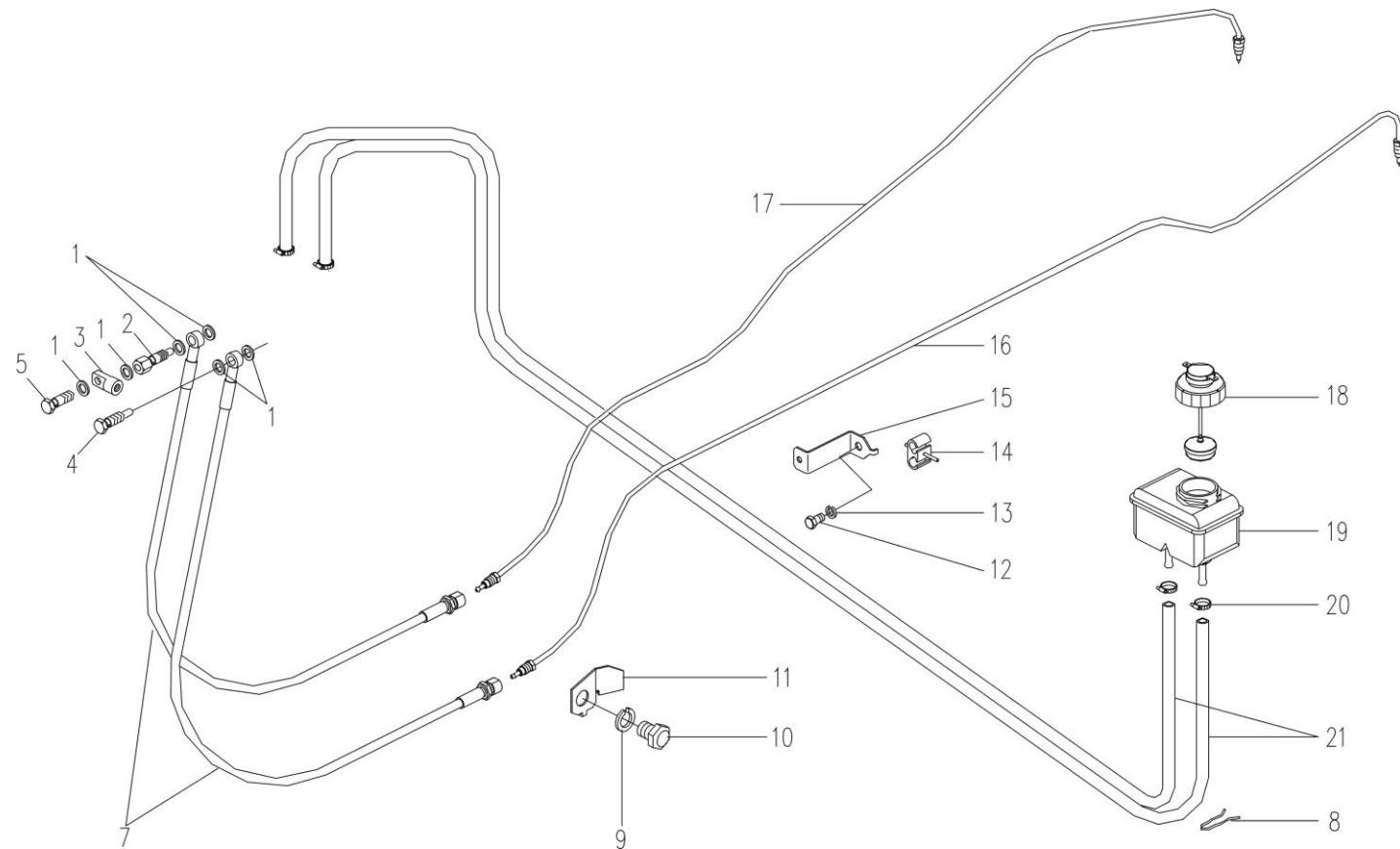
44 Driver's seat



44 Driver's seat

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Bolt M8×25-Zn.D	GB/T5783-2000	6				
2	Washer 8	GB/T93-1987	6				
3	Nut M8-Zn.D	GB/T6170-2000	6				
4	Bolt M8×20	GB/T5787-2000	6				
5	Bushing, shaft, brake pedal (RH)	LG1304.44.011	1				
6	Driver's seat	1.85/880808503-E	1				
7	Handrail (LH)	1186399	1				
8	Handrail (RH)	1186400	1				

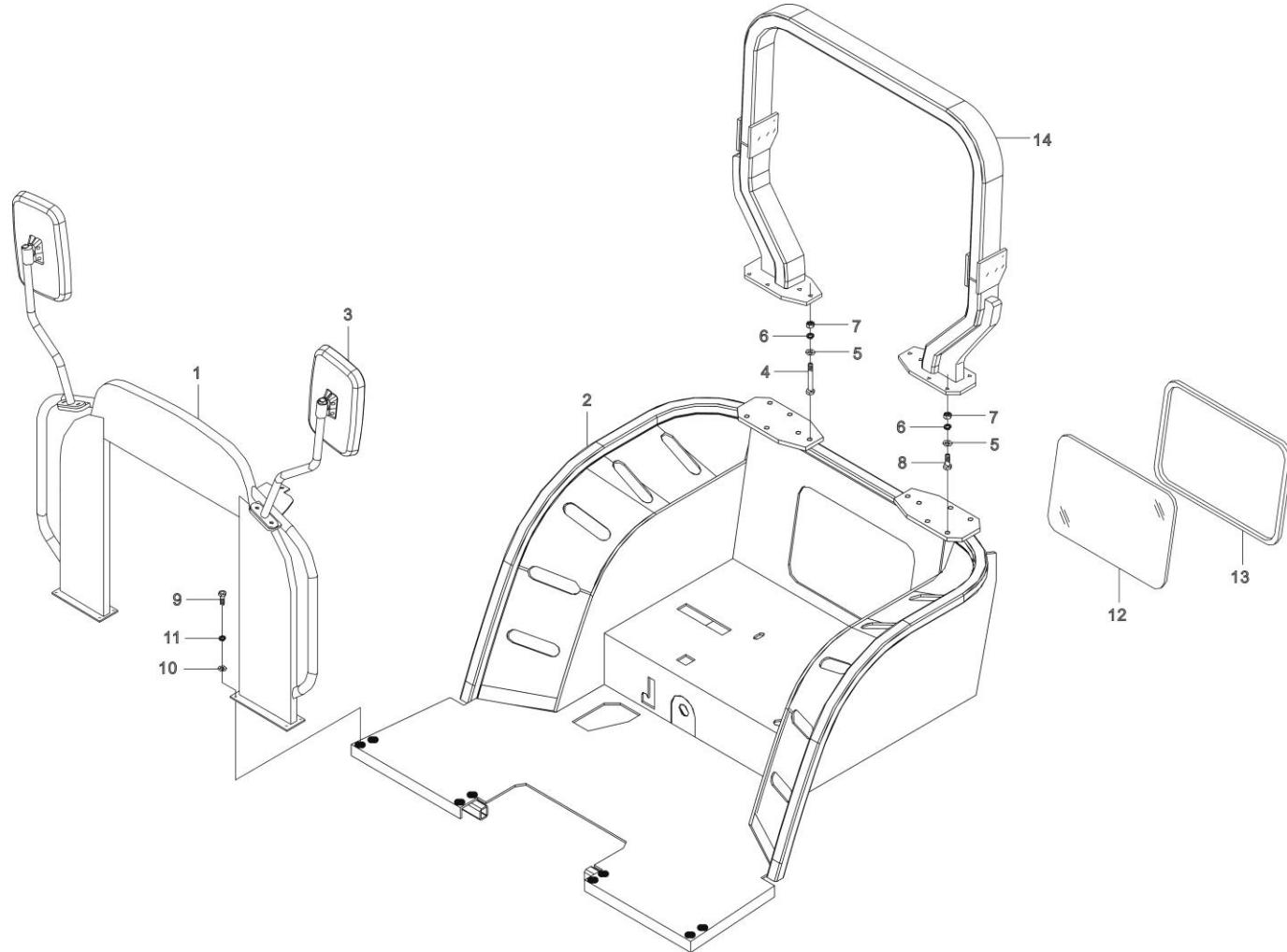
43 Service brake control mechanism oil tank & lines (without air brake)



43 Service brake control mechanism oil tank & lines (without air brake)

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Rectangular cross-section seal washer 10×16×1	10298360/14607	7	9	Washer 16	GB 7244-87	1
2	Connecting bolt, Hose (RH), master cylinder, brake	885111684/1.68.523	1	11	Support, hose, brake	5135643/1.68.558	1
3	Connector with parking light signal, master cylinder (RH), brake	5111683/1.68.521	1	12	Bolt M8×14	GB 5783-86	1
4	Connecting bolt, hose (LH), master cylinder, brake	885103988/1.68.522	1	14	Oil pipe clamp (2-4.7D type)	14575380/14562	1
5	Connecting bolt, hose (LH), master cylinder, brake	5103908/1.68.522	1	15	Support, hose, brake	5129308/1.68.527	1
6	Connecting bolt, hose (LH), master cylinder, brake	8A0806801/1.68	1	16	Brake oil pipe assembly (LH)	SZ1004.43.012	1
7	Hose, brake control	1204-1.43.101	2	17	Brake oil pipe assembly (RH)	SZ1004.43.011	1
8	Spring clamp	1.68.227/5141690	2	18	Oil tank, control mechanism, service brake	1.68.201/5105871	1
				19	Cap assembly, oil tank	5105873/1.68.206A	1
				20	Fluid reservoir assembly, brake	5141671/1.68.201	1
				21	Hoop 10~16	JK000	4
					Oil inlet pipe, master cylinder	5101336/1.68.205	2

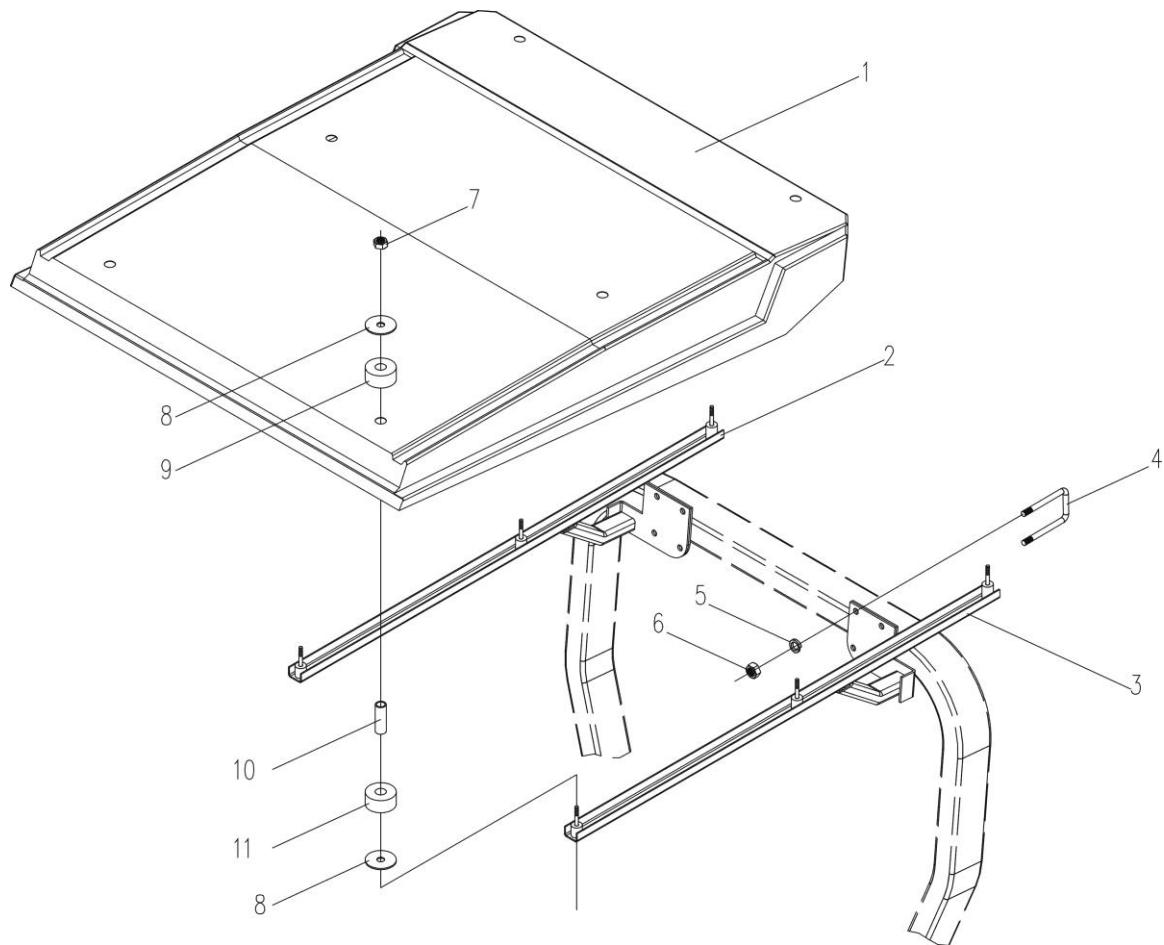
46 ROPS assembly (optional)



46 ROPS assembly (optional)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	1204-1.47.005	Partition assembly	1				
2	1204-1.45F.011	Vehicle body welded unit with safety frame	1				
3	804C.46.030	Rearview mirror bracket welded unit	2				
4	GB/T5786-2000	Bolt M14×1.5×55-Zn.D	8				
5	GB/T95-2002	Washer 14-Zn.D	12				
6	GB/T7244-1987	Washer 14-Zn.D	12				
7	GB/T6176-2000	Nut M14×1.5-Zn.D	12				
8	GB/T5785-2000	Bolt M14×1.5×110-Zn.D	4				
9	GB/T5783-2000	Bolt M10×30-Zn.D	8				
10	GB/T97.1-2002	Washer 10-Zn.D	8				
11	GB/T93-1987	Washer 10-Zn.D	8				
12	LG1304.45.230	Rear wall window	1				
13	LG1304.45.228	Seal	1				
14	1204-1.46.001	ROPS assembly	1				

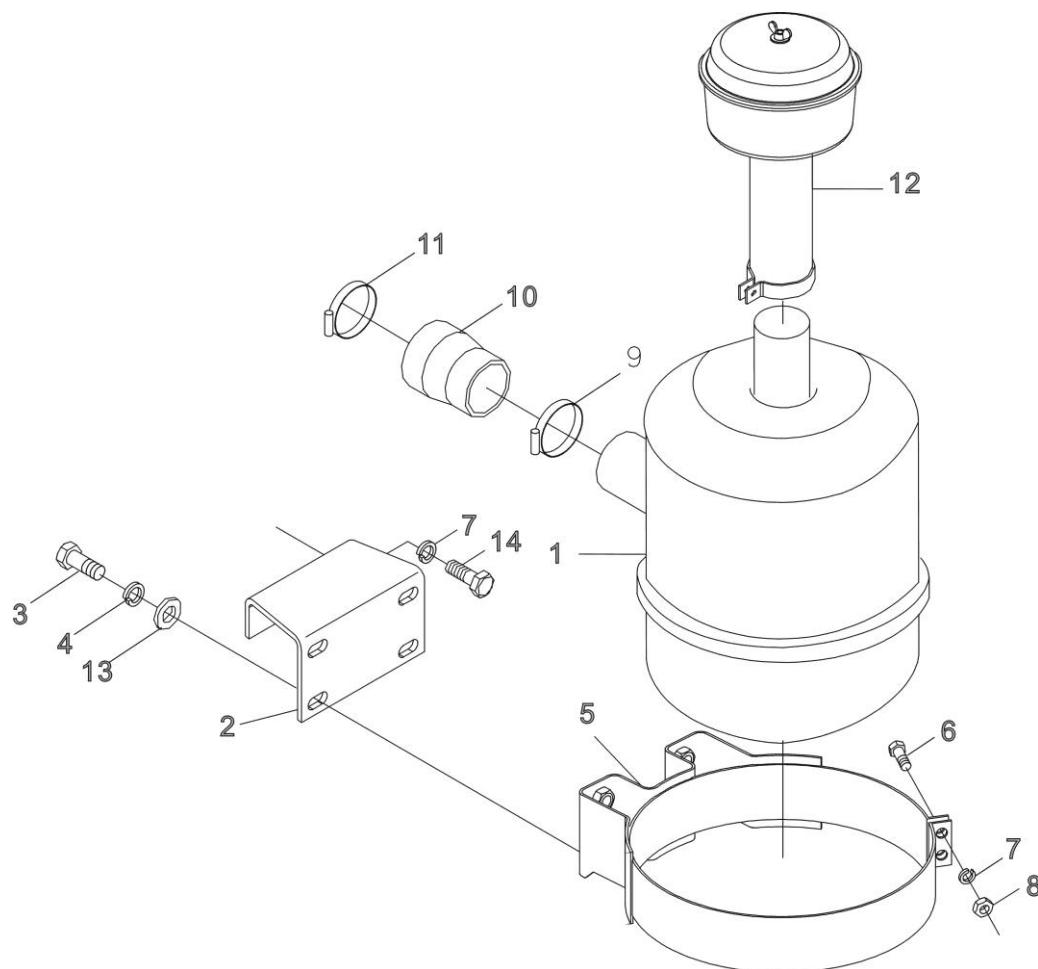
46 Canopy assembly (optional)



46 Canopy assembly (optional)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	1.87.760/5137614	Roof	1				
2	SZ700.46B.011	Welded mounting bracket assembly (RH), roof	1				
3	SZ700.46B.010	Welded mounting bracket assembly (LH), roof	1				
4	SZ700.46B.202	U-bolt	4				
5	GB7244	Washer 12	8				
6	GB6176	Nut M12×1.5-Zn.D	8				
7	GB889.1	Nut M8	6				
8	1.87.706F/5137571	Washer	12				
9	1.87.706D/5137569	Pad (UPR)	6				
10	1.87.706E/5137570	Pad (LWR)	6				
11	1.87.706G/5137572	Spacer	6				

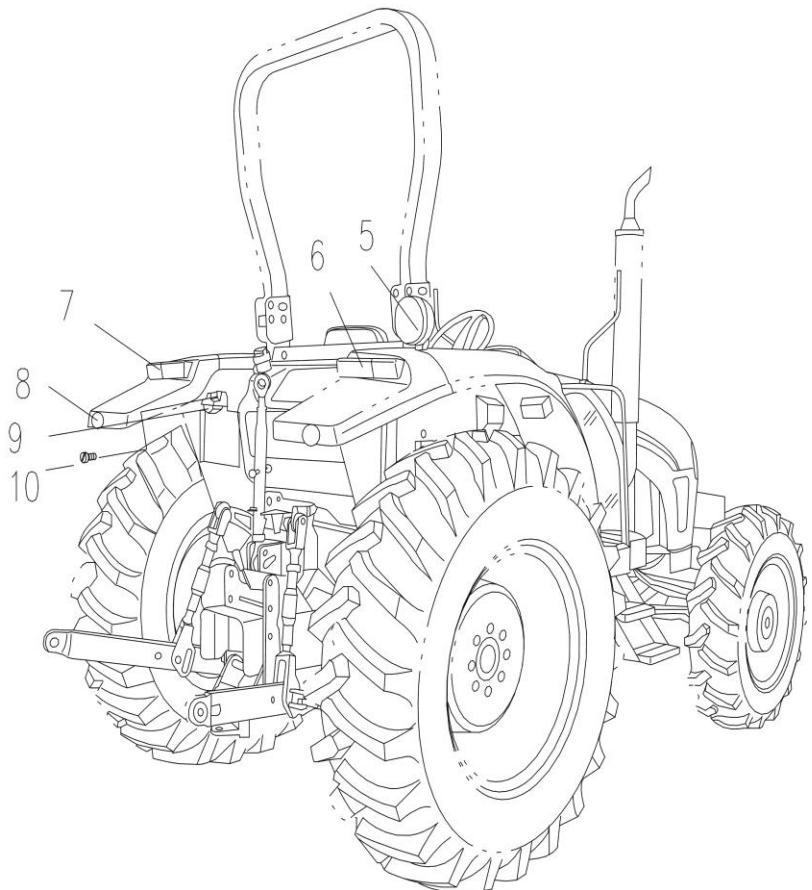
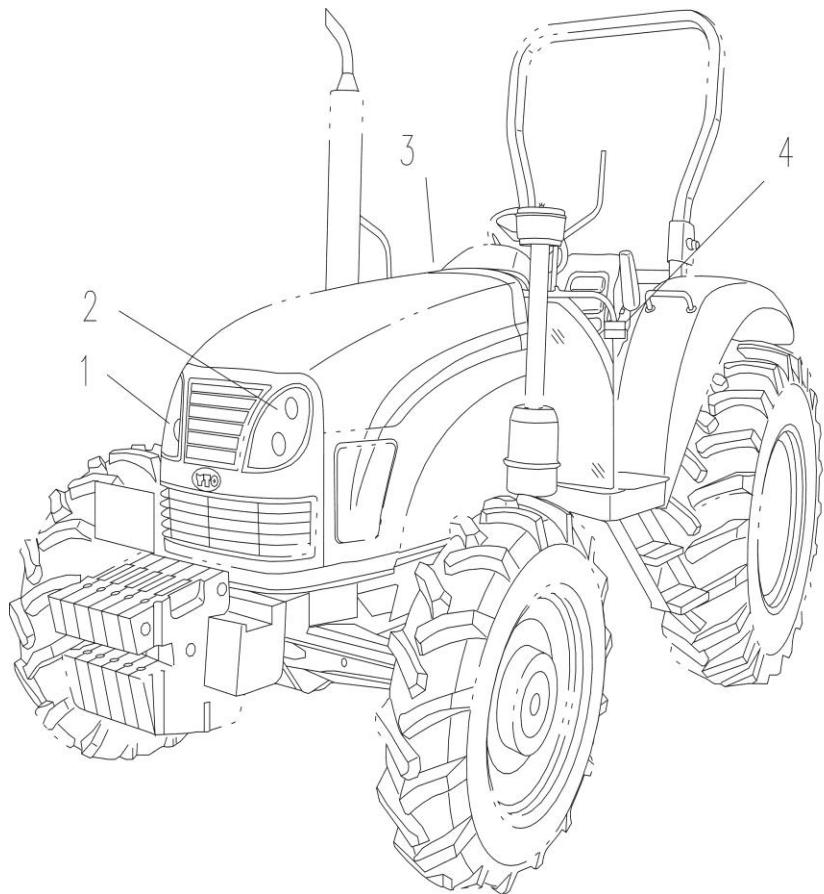
18 Installed air cleaner assembly (optional ROPS)



18 Installed air cleaner assembly (optional ROPS)

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Air Filter Assembly	F5/6L 912A-0000	1				
2	Transition support weldment, air cleaner	4RCT4.220100-SZ	1				
3	Bolt M10×20-Zn.D	GB/T5783-2000	1				
4	Washer 10-Zn.D	GB/T93-1987	6				
5	Bracket unit, air cleaner	6RTF.210350	6				
6	Bolt M8×30-Zn.D	GB/T70.1-2000	1				
7	Washer 8-Zn.D	GB/T7244-1987	2				
9	Hose clamp (76-92)	QC/T619-1999	1				
10	Intake connecting hose	6RTF.200002	1				
11	Clamp (80-100)	QC/T619-1999	1				
12	Primary filter assembly	6RTF.210100SZ	1				
13	Washer 10-Zn.D	GB/T97.1-2002	4				
14	Bolt M8×20-Zn.D	GB/T5783-2000	2				

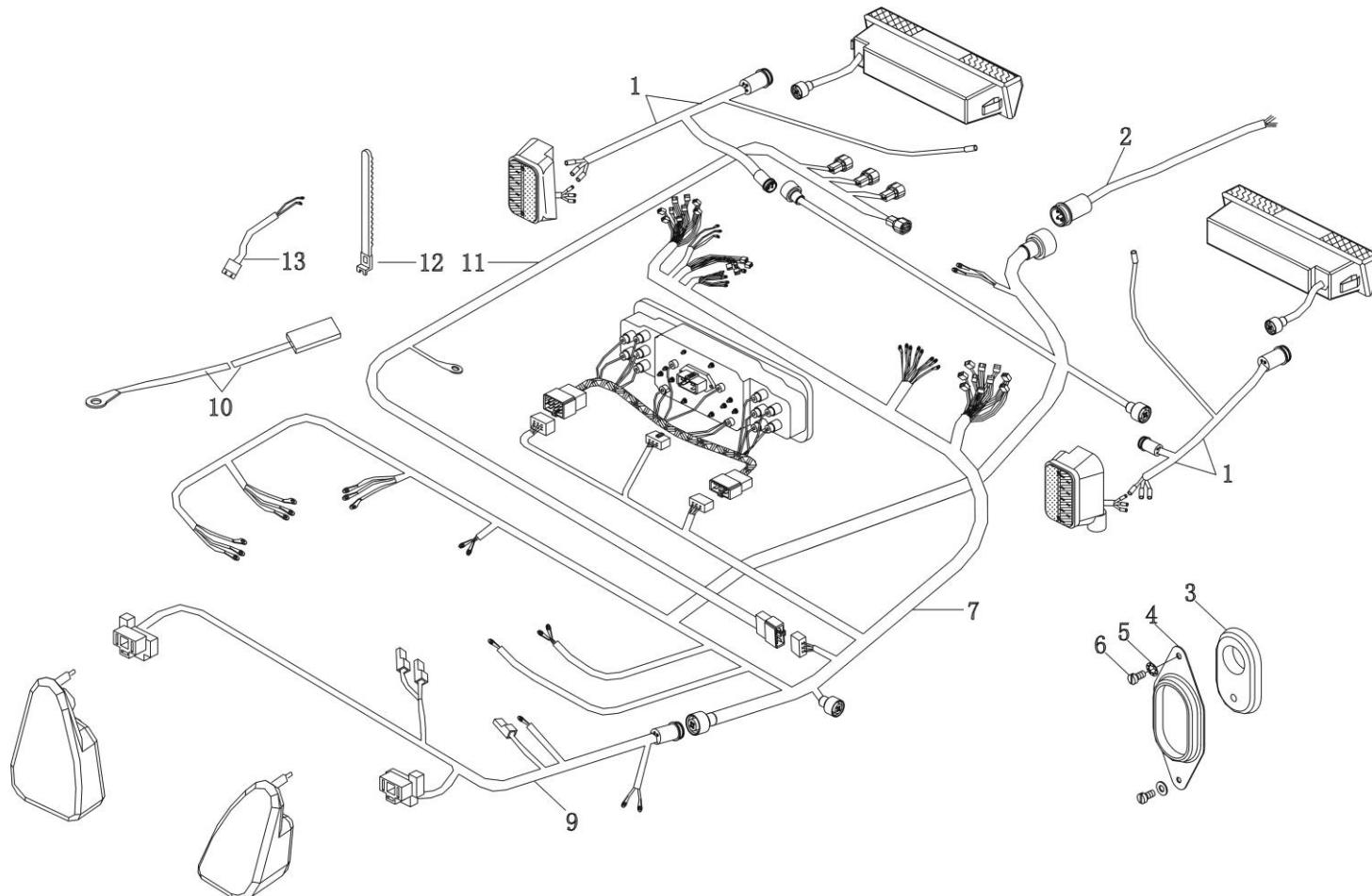
48 Lighting system (optional ROPS)



48 Lighting system (optional ROPS)

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Combination headlight (RH)	700.48.031-1	1	7	Combination taillight (LH)	Z-HX180-EA(L)/12	1
1.1	Bulb, high beam & low beam	H1 12V 55W	One for each	8	Reflector	LHF-SQ-011	2
2	Combination headlight (LH)	700.48.030-1	1	9	License light	T41-3210 (optional)	1
	Nut M6	GB 6177-86	6	10	Bolt M5×16	GB/T822-2000	2
3	Signal light (FR, RH)	Z-QX110X70-E (R) /12	1				
3.1	Bulb, turn light	1141 12V 21W	1				
3.2	Bulb, position light (FR)	89 12V 5W	1				
4	Signal light (FR, LH)	Z-QX110X70-E (L) /12	1				
5	Work light (RR)	WFD134-11A	1				
5.1	Bulb	1227 12V 35W	1				
6	Combination taillight (RH)	Z-HX180-EA(R)/12	1				
6.1	Bulb, turn light	1141 12V 21W	1				
6.1	Bulb, position light (RR)	89 12V 5W	1				
6.3	Bulb, brake light	1141 12V 21W	1				

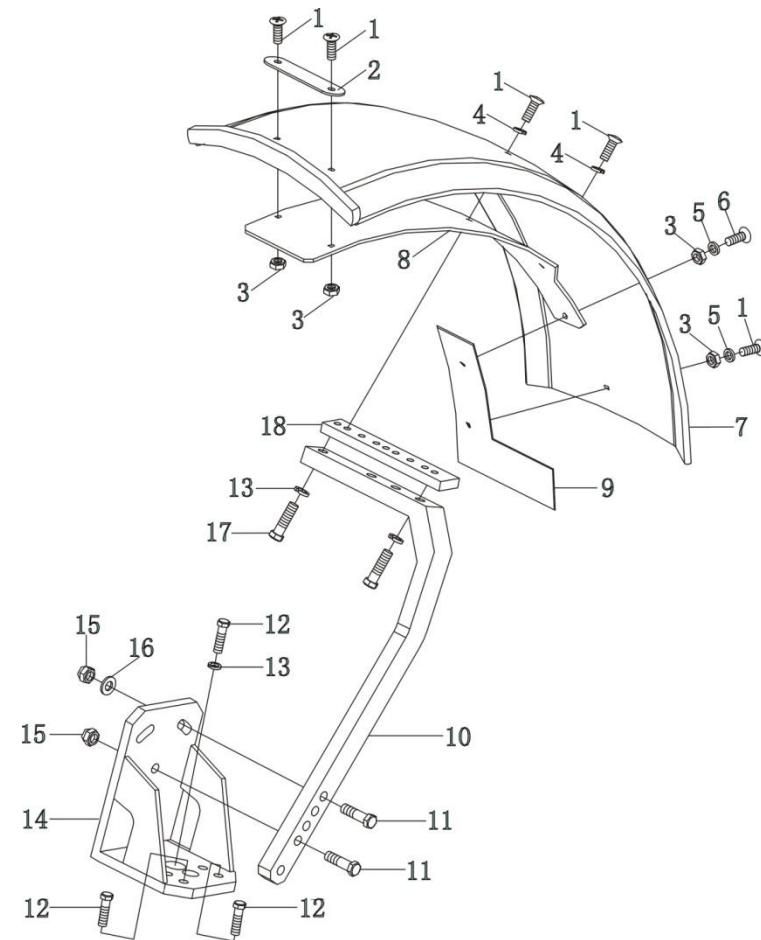
48 Electrical equipment & instrumentation-electrical system harnesses (optional ROPS)



48 Electrical equipment & instrumentation-electrical system harnesses (optional ROPS)

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Harness (RR, RH)	SZ1204-1.48.017	1	9	Harness (FR, LH)	1204-1.48.019-1	1
2	Harness, 7-hole trailer socket	8A5130585/1.75.418	1	10	Fusible link assembly, starter	1204-1.48.022	1
3	Wire guide	1204-1.48.102	1	11	Harness (RR, LH)	SZ1204-1.48.016	1
4	Cover, insulation pad	1204-1.48.103	1	12	Cable tie	885112712/1.75.488	10
5	Washer 5	GB 861.2-87	1	13	Harness, work light	886007542/1.75.411	1
6	Screw M5×16	GB 65-85	2	14	Ground wire, air intake heater	LG1304.48.020	1
7	Main harness	SZ1204-1.48.015	1	15	Connecting wire, preheat relay to air intake heater	LG1304.48.021	1
8			1				
				16	Fusible wire assembly, hazard warning	LX2004.48.021	1

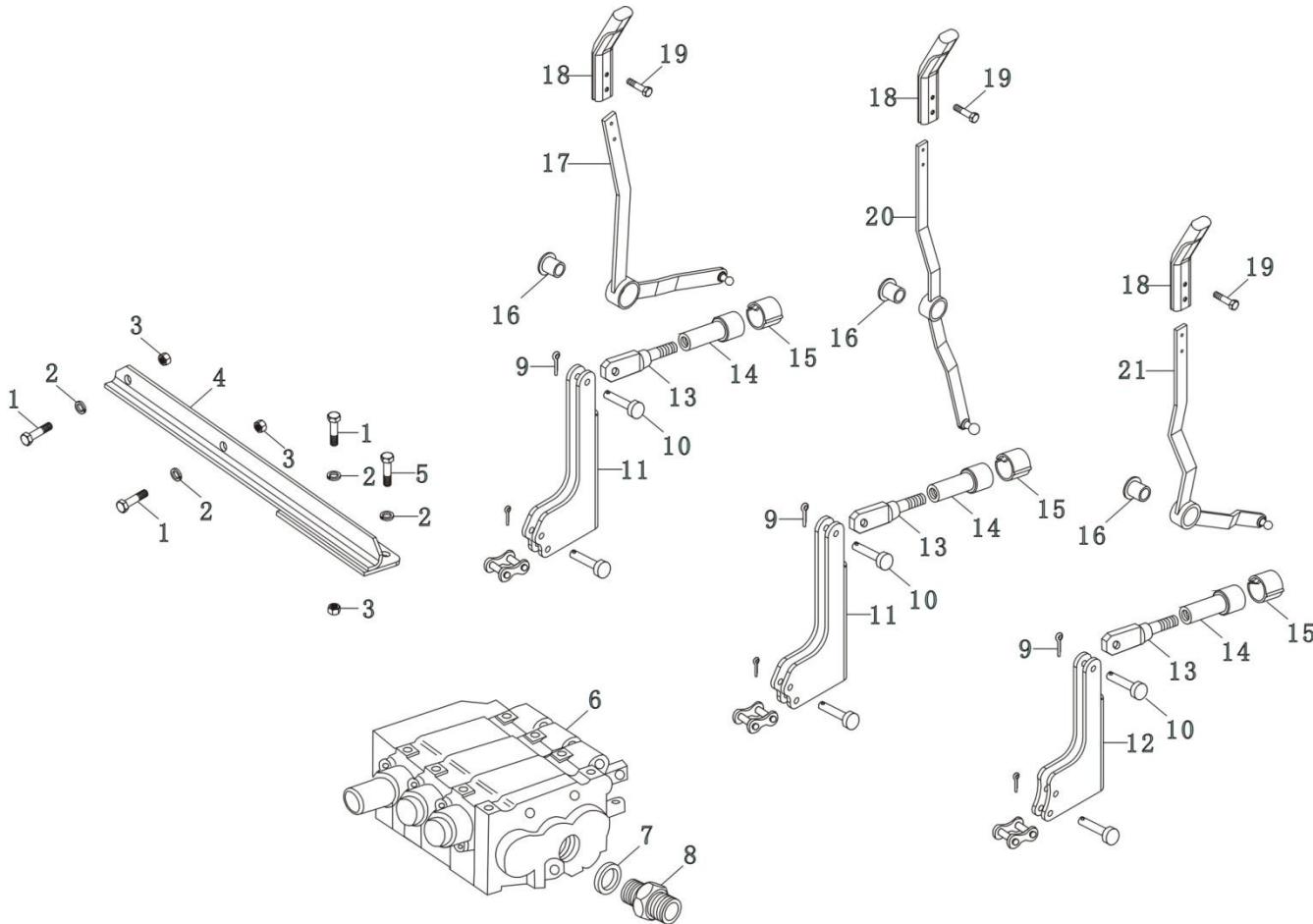
47 Front mud guard



47 Front mud guard

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty.
1	Bolt	GB 5786-86	10	10	Support arm (LH)	885148594/1.87.4	1
	M10×1.25×30-Zn.D				Support arm (RH)	885148595/1.87.4	1
2	Connecting plate	5148599/1.87.4	4	11	Bolt M14×1.5×65-Zn.D	GB 5785-86	4
3	Nut M10×1.25-Zn.D	GB 889.2-86	8	12	Bolt	GB 5785-86	6
4	Washer 10-Zn.D	GB 93-87	4		M12×1.25×45-Zn.D	GB 93-87	
5	Washer 10	GB 5287-85	4	13	Washer 12-Zn.D	5148602/1.87.4	6
6	Bolt	GB 5786-85	2	14	Bracket unit	GB 6171-86	2
	M10×1.25×25-Zn.D			15	Nut M14×1.5-Zn.D	GB 97.1-85	4
7	Fender (FR)	5122261/1.87.407	2	16	Washer 14	GB 5786-86	2
8	Support plate (LH)	5148596/1.87.4	1	17	Bolt M12×1.25×40	5148598/1.87.4	4
	Support plate (RH)	5148597/1.87.4	1	18	Nut plate		2
9	Spring leaf (LH)	5149441/1.87.4	3				
	Spring leaf (RH)	5148600/1.87.4	3				

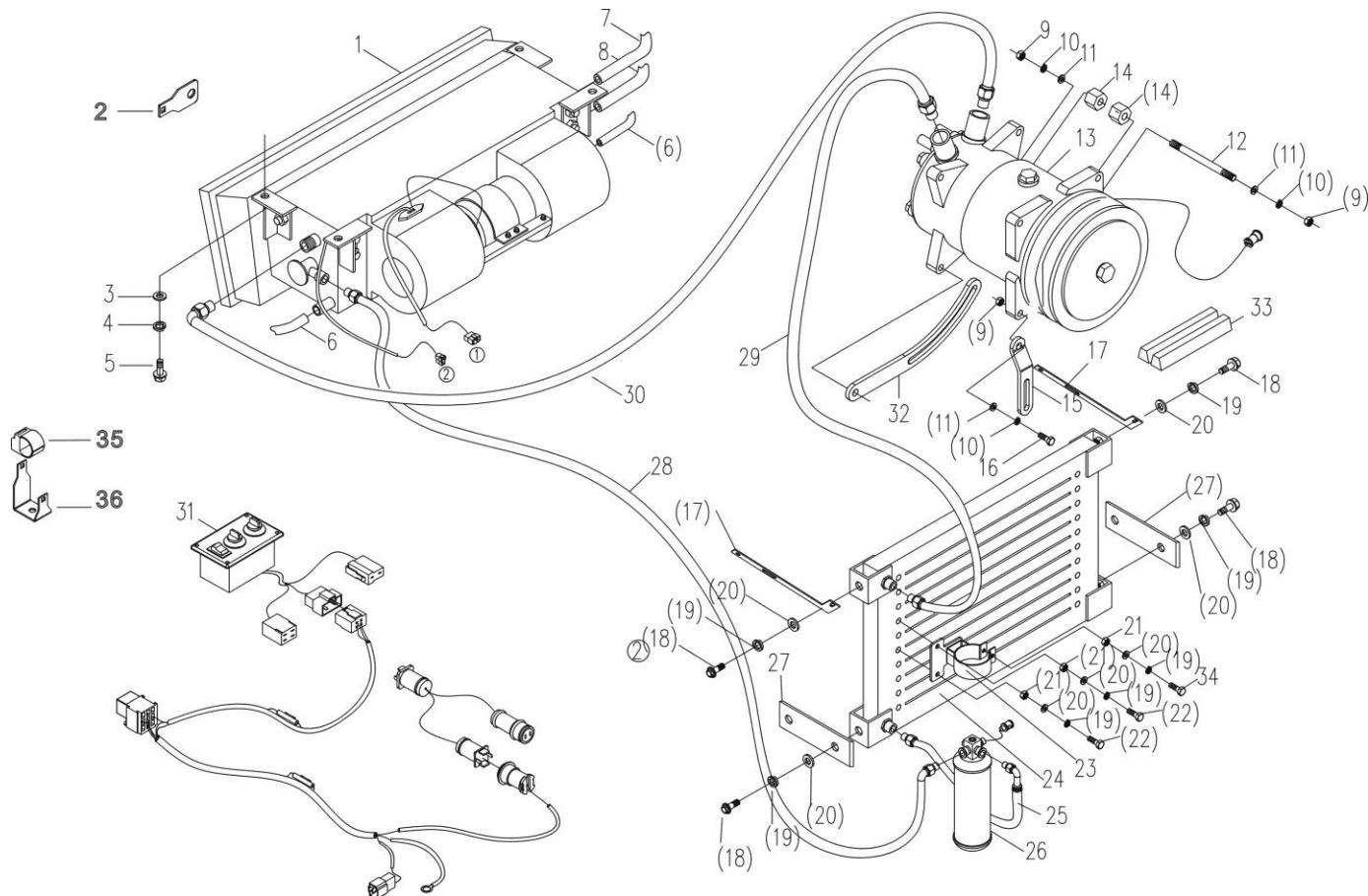
61 Three-piece multi-way valve & control



61 Three-piece multi-way valve & control

No.	Part	Drawing No.	Qty.	No.	Part	Drawing No.	Qty
1	Bolt M10×1.25×25	GB/T5785-1986	4	11	Control fork ,II	1204-1.61.103	2
2	Washer 10	GB/T93-1987	8	12	Control fork, I	1204-1.61.102	1
3	Nut M10×1.25	GB/T6171-2000	3	13	Control link, multi-way valve	SZ900.61.103	3
4	Distribution valve bracket (optional)	5131340/1.82.714	1	14	Cover spherical joint	13130/01 10124511	3
5	Bolt M10×16	GB/T5783-2000	1	15	Grip 13	13130/03 10125574	3
6	With 2-piece single-acting valve/Double-acting & one-piece valve	1204-1.61.014	1	16	Bushing, outer lever	1.82.262 5126032	3
				17	Control lever assembly, 3-piece valve	1204-1.61.015	1
	Multi-way valve of floating valve body			18	Head, handle, one-piece valve	SZ1304.61.101	1
7	Rectangular cross-section seal washer 22×28×1.5	14607 10263460	1		Head, handle, two-piece valve	SZ1304.61.102	1
					Head, handle, three-piece valve	SZ1304.61.103	1
8	Pipe joint	5113023/1.82.794A	1	19	Mounting bolt M4×10, knob	5113531/1.82.797 C	6
9	Pin 2×18	GB/T91-2000	3	20	Control lever assembly, 2-piece valve	1204-1.61.011	1
10	Connecting pin, control rod, multi-way valve	1601.1.2000/5/5125 824	3	21	Control lever assembly, 1-piece valve	1204-1.61.012	1

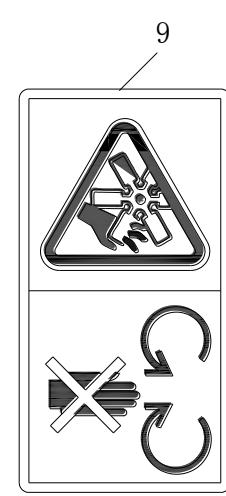
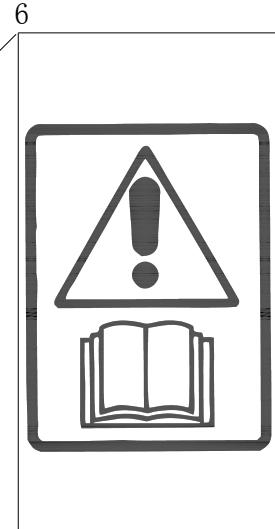
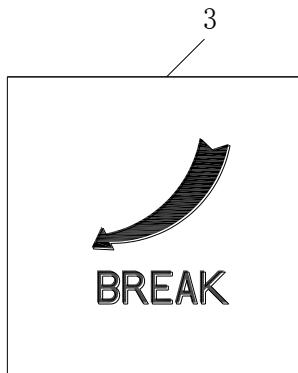
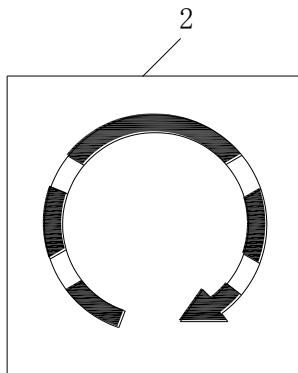
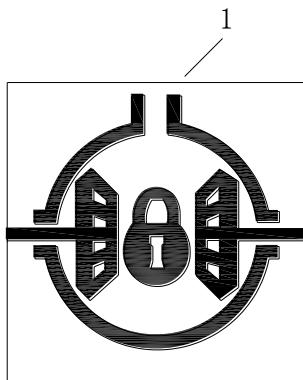
82 Air conditioning system assembly



82 Air conditioning system assembly

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	Evaporator assembly	CSX904.81.010	1	22	Bolt M6×45	GB5782-2000	2
2	Support, oil pipe	SZ804.50.216	1	23	Bracket, receiver drier	TG1204.81.11	1
3	Plain washer 8	GB97.1-2000	4	24	Condenser	TG1204.81.2a	1
4	Spring washer 8	GB93-87	4	25	High-pressure pipe, condenser-receiver drier	TG1204.81.02a	1
5	Bolt M8X30	GB5783-2000	4	26	Receiver drier	JB800.45.082a	1
6	Water overflow pipe	JB804.81.203	2	27	Support plate (LWR), condenser	X1204.81.8	2
7	Water outlet pipe, fan heater	SZ1254.81.102	1	28	High-pressure line, evaporator-receiver drier	X1204.81.013	1
8	Water inlet pipe, fan heater	SZ1254.81.101	1	29	High-pressure line, compressor-condenser	X1204.81.014	1
9	Nut M10	GB6170-2000	3	30	Low-pressure line, evaporator-compressor	X1204.81.015	1
10	Spring washer 10	GB93-87	3	31	Global switch	X1204.81-016	1
11	Plain washer 10	GB97.1-2000	3	32	Tensioning bent plate, compressor	JB800.45.088-03	1
12	Shaft lever (RR)M10X1	JB804.81.100	1	33	Belt, compressor17-650	GB13487-2002	1
13	Compressor assembly	JB800.45.088a	1	34	Bolt M6×35	GB5783-2000	1
14	Pad	LX1204.81.01	2	35	Pipe clamp	PP9206001	5
15	Tightner, compressor	X1204.45.1-1	1	36	Support, oil pipe	SZ804.50.218	3
16	Bolt M10×35	GB5783-2000	4				
17	Support plate (UPR), condenser	X1204.81.7	2				
18	Bolt M6×20	GB5783-2000	4				
19	Spring washer 6	GB93-87	7				
20	Plain washer 6	GB97.1-2000	7				
21	Nut M6	GB6170-2000	3				

98 Signs & decals (in Spanish)



98 Signs & decals (in Spanish)

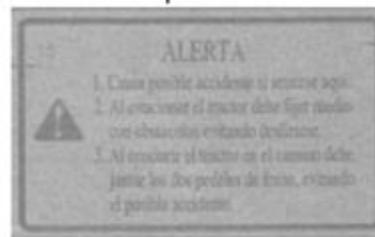
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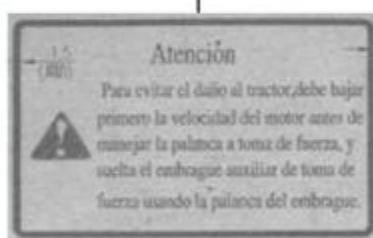
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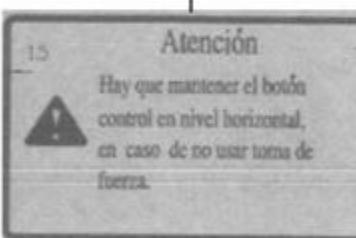
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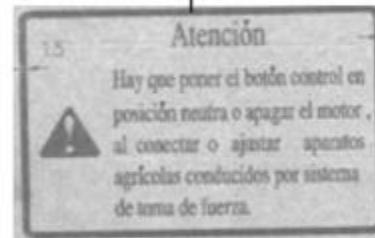
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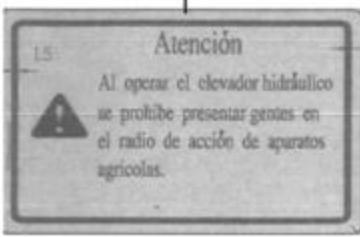
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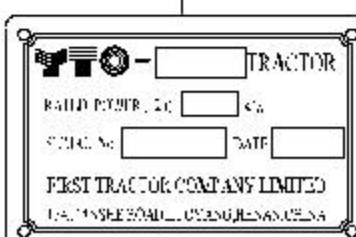
15



16



17



98 Signs & decals (in Spanish)

No.	Part Name	Part No.	Qty.	No.	Part Name	Part No.	Qty.
1	1.98/880009827	Differential lock-up sign	1	16	1.98.077A/88512 6654-1	Hydraulic lifting warning sign (in Spanish)	1
2	1.98/880009825	Starting sign	1		SZ700.00.307	Machine nameplate (in Spanish)	
3	1.98/880009854	Emergency brake sign	1	17			1
4	SZ804.98.314	Antifreeze sign	1				
5	SZ804.98.319	Oil change label	1				
6	1.98/880009842	“Keep away from lifter” warning sign	1				
7	1.98/880009843	Sign, operation manual	1				
8	1.98/880009846	Heat warning sign	1				
9	1.98/880009847	Fan warning sign	1				
10	SZ1204-1.98.409	Clutch adjustment warning sign (in Spanish)	1				
11	1.98/880009810	Guard safety warning sign (in Spanish)	1				
12	1.98/880009812-1	Safe operation sign (in Spanish)	1				
13	1.98/880009814	PTO control warning sign (in Spanish)	1				
14	1.98.019A/885011794-1	Position sign (in Spanish), lever, auxiliary clutch	1				
15	1.98.061A/885011792-1	Implement safety sign (in Spanish)	1				

东方红LR6B5-T73EXNQ-U2柴油机零件目录

PARTS CATALOGUE OF YTO LR6B5-T73EXNQ-U2 DIESEL ENGINE

一拖（洛阳）柴油机有限公司
YTO(Luoyang) Diesel Engine CO.,Ltd

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零件图册使用说明

一、本图册的编制形式

本零件图册是使用总成及零部件形式编制的，每一个总成或零部件都可以成为一个独立部分。

二、本图册的结构

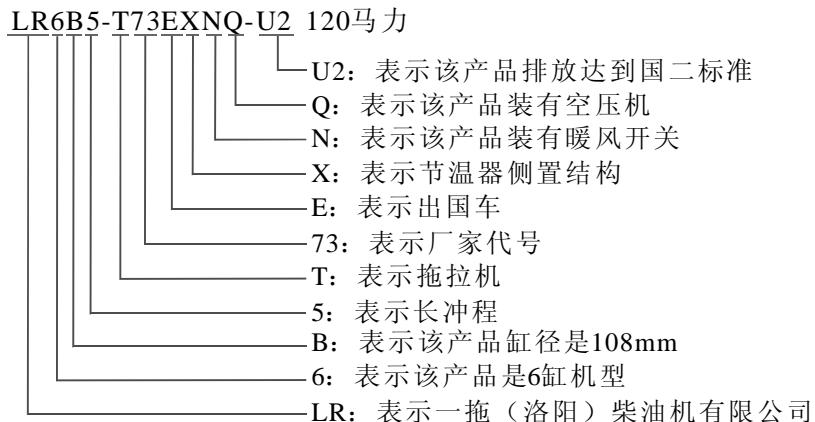
本零件图册分为三部分：

第一部分为装配图，使用者可以清晰直观的观察到每个总成部件的装配位置。

第二部分为爆炸图，使用者可以清晰的了解每个总成的组成、每个组成部件的装配关系以及装配信息等。

第三部分为明细表，使用者可以根据明细表找到自己想要购买的总成或零部件的供货代号，从而购得总成或零部件。

三、产品说明



四、技术参数

BH6PYD105Y571BF 喷油泵

工况	转速 (r/min)	各缸平均供油量 (ml/1000st)	不均匀度%
标定	1150	85~87	≤2
最大扭矩	800	89.5~92.5	≤2.5
最高空转	1240	3~5/200st	
高速停油	≤1300		
怠速停油	≤450		
起动	100	≥12/100st	
怠速	350	4~6/200st	≤15

Operation Instruction of Parts Catalog

I. Establishment Form of Parts Catalog

This Parts Catalog is established as per the types of assembly and parts so that each assembly or part can form one independent part.

II. Structure of Parts Catalog

This Parts Catalog is divided into three parts:

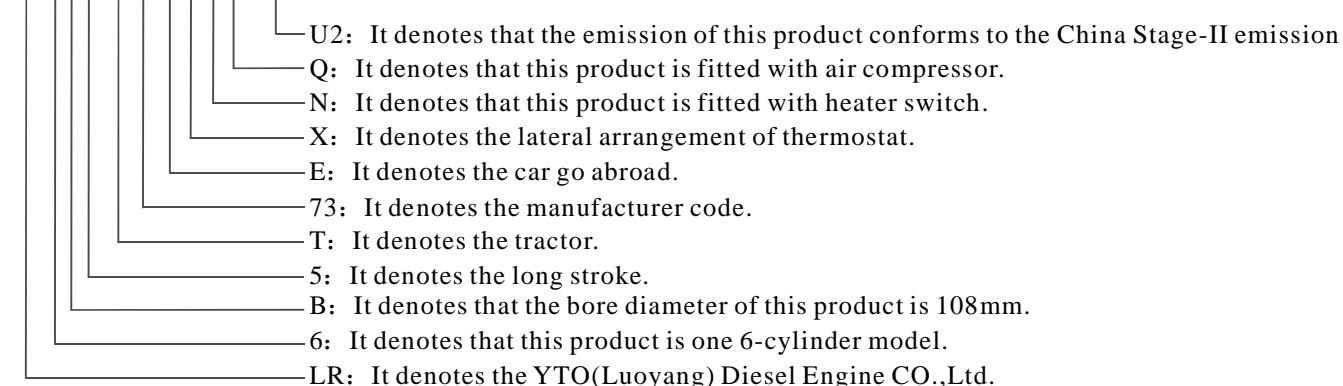
Part 1 covers the assembly drawings, which enable the user to clearly and visually observe the assembly location of each assembly part.

Part 2 covers the explosive drawings, which enable the user to clearly understand the composition of each assembly, the assembly relationship of each assembly part, and the assembly information.

The part 3 covers the lists, which enable the user to find out the supply code for the assembly or part to be purchased, in order to purchase the assembly or part.

III. Product Description

LR6B5-T73EXNQ-U2 120hp

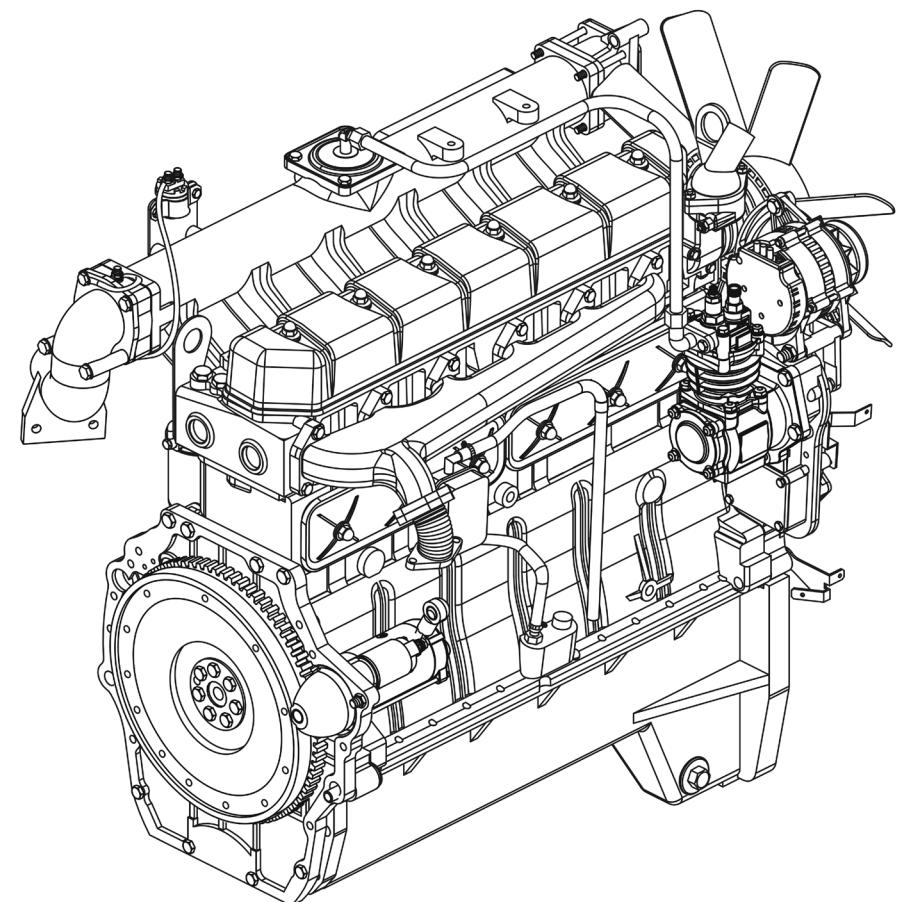
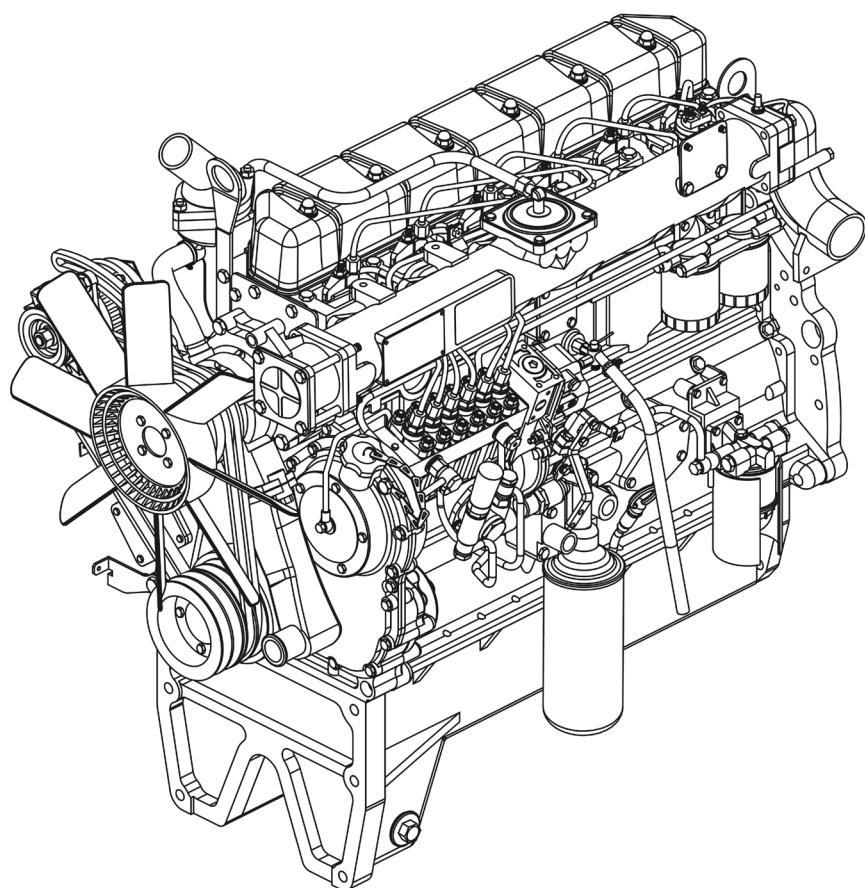


IV. Technical Specification

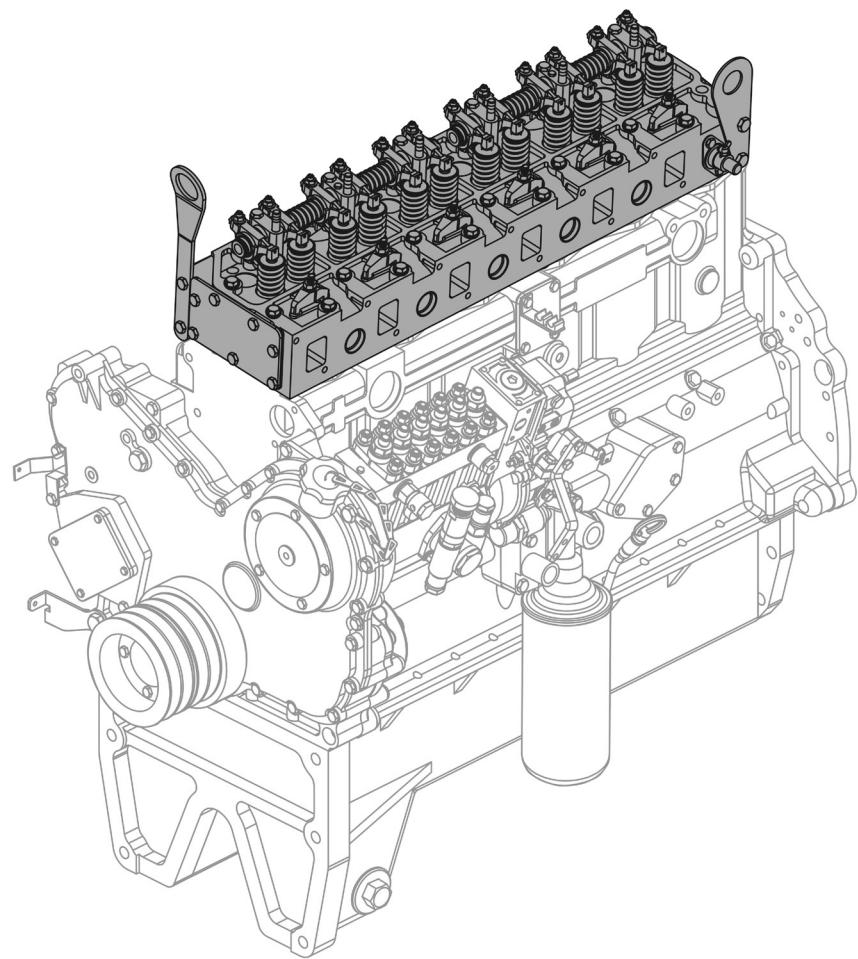
BH6PYD105Y571BF Fuel injection pump

Working condition	Revolution speed (r/min)	Average fuel supply for various cylinders (ml/1000st)	Unevenness%
Nominal value	1150	85~87	≤2
Top torque	800	89.5~92.5	≤2.5
Maximum idling speed	1240	3~5/200st	
Fuel cutoff at high speed	≤1300		
Idling cut-out	≤450		
Start	100	≥12/100st	
Idling	350	4~6/200st	≤15

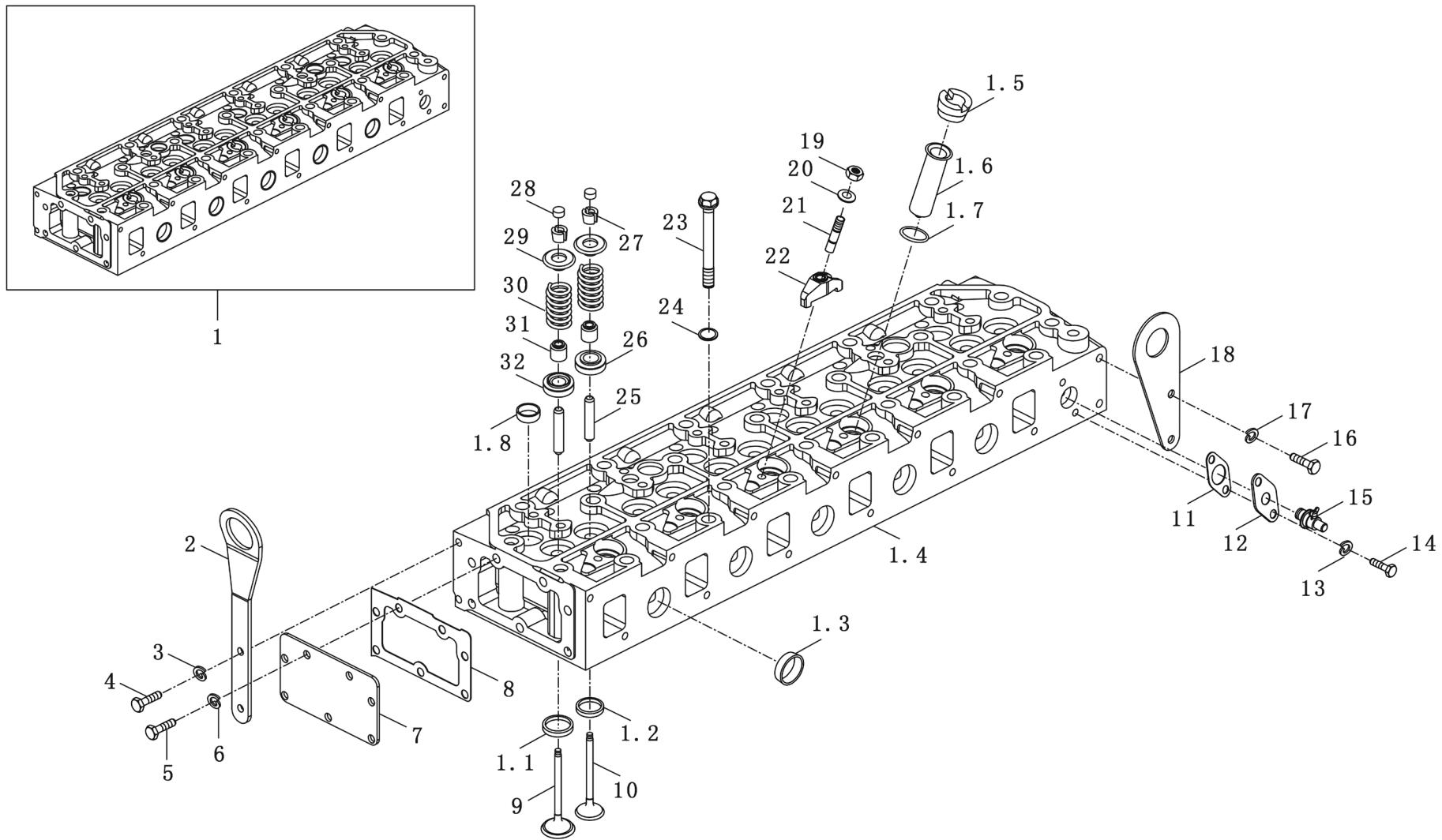
发动机总成 Engine Assy



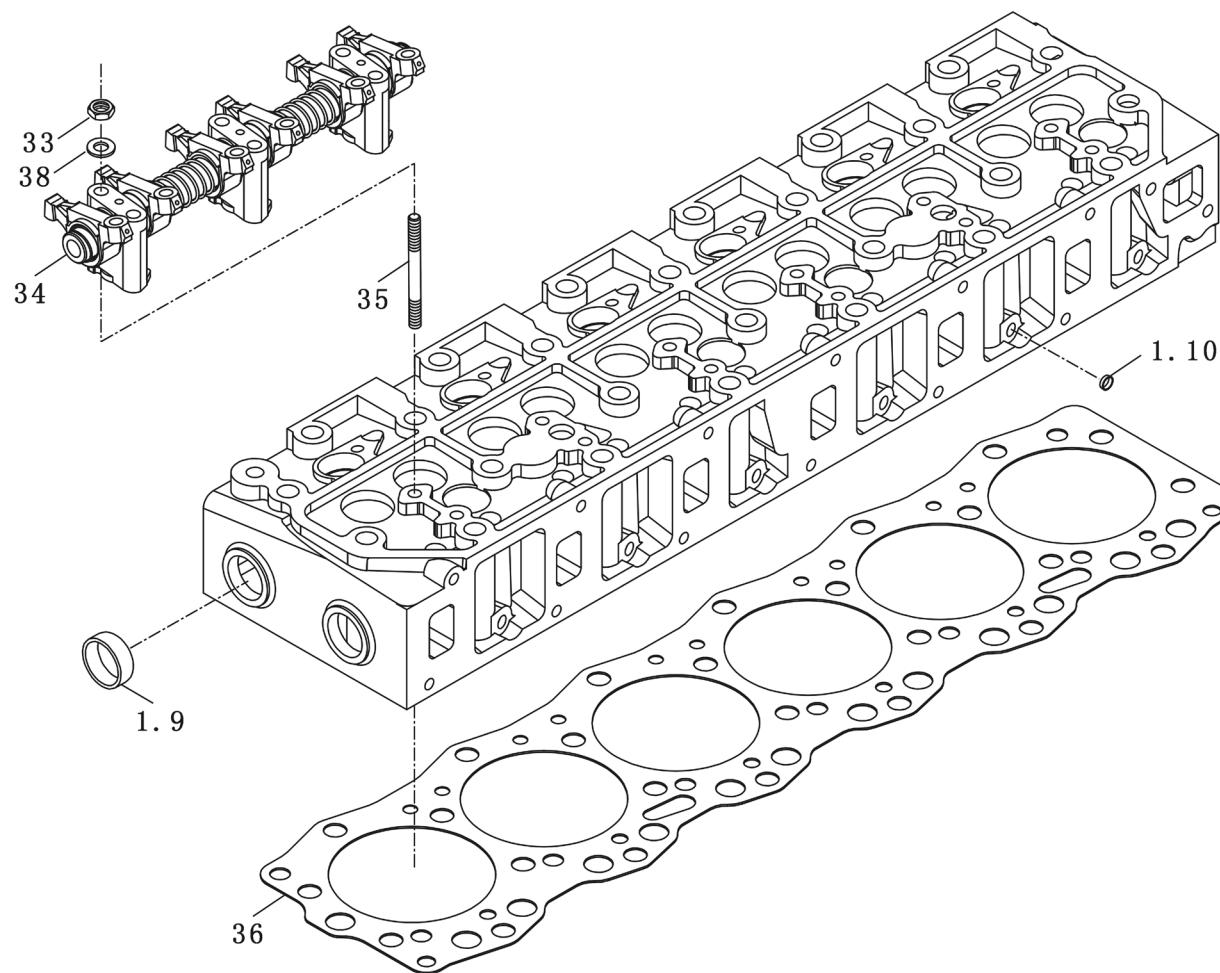
01 组 气缸盖总成 (I) 01Cylinder Head Assy



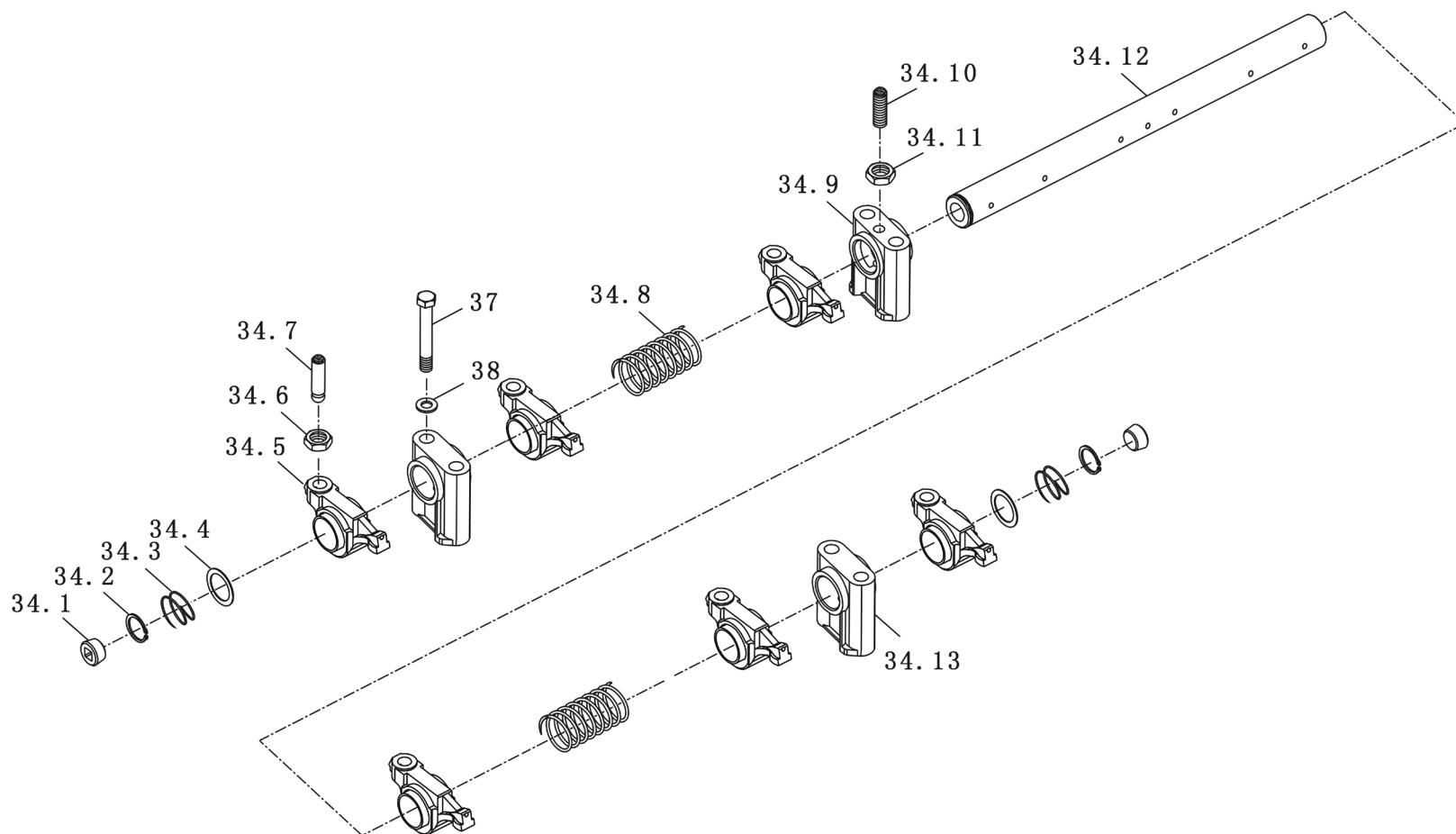
01 组 气缸盖总成 (II) 01Cylinder Head Assy



01 组 气缸盖总成 (III) 01Cylinder Head Assy



01 组 气缸盖总成(IV) 01Cylinder Head Assy
摇臂轴部件 Rocker shaft assembly



01 组 气缸盖总成明细 01 Cylinder Head Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	气缸盖机械合件	Cylinder head mechanical assembly	L6R.010100Y-1	1	
1.1	进气门座镶圈	Seat ring,inlet valve	R.010102Y	6	
1.2	排气门座镶圈	Seat ring,exhaust valve	R.010103	6	
1.3	碗形塞片 35	Bowl plug 35	R.010106	5	
1.4	气缸盖	Cylinder head	L6R.010101Y-1	1	
1.5	压套螺塞	Injector stud bolt	LR.010111	6	
1.6	喷油器铜套	Sleeve,fuel injector	LR.010109	6	
1.7	O型密封圈 30*31	O-rubber sealing ring 30*31	GB/T1235	6	
1.8	碗形塞片	Bowl plug	YTQ031.2-28	6	
1.9	碗形塞片 42	Bowl plug 42	R.010105	2	
1.10	碗形塞片 10	Bowl plug 10	R.010107	6	
2	前吊耳	Front hoisting ear	6RT8.010009-FE	1	
3	垫圈 10	Spring washe 10	GB/T93	2	
4	螺栓 M10*20-8.8-Zn.D	Bolt M10*20-8.8-Zn.D	GB21	2	
5	螺栓 M10*25-8.8-Zn.D	Bolt M10*25-8.8-Zn.D	GB21	7	
6	垫圈 10	Spring washe 10	GB/T93	7	
7	前出水孔盖板	Cap,front water outlet hole	6R.010033FE	1	
8	盖板垫片	Gasket, Cap	R.010024	1	
9	进气门	Inlet valve	R.010001Y	6	
10	排气门	Exhaust valve	R.010002	6	
11	回水接头垫片	Gadket,water return adapter	R.010013	1	
12	暖风机水阀安装板	Install plate,water valve of heater	1002/1202.81A.101	1	
13	垫圈 10	Spring washe 10	GB/T93	2	
14	螺栓 M10*25-8.8-Zn.D	Bolt M10*25-8.8-Zn.D	GB21	2	
15	暖风开关	Heater switch	WN4003-F-100 预涂	1	
16	螺栓 M10*20-8.8-Zn.D	Bolt M10*20-8.8-Zn.D	GB21	2	
17	垫圈 10	Spring washe 10	GB/T93	2	
18	后吊耳	Hoisting ear	R.010009	1	
19	螺母 M8-8-Zn.D	Nut M8-8-Zn.D	GB52	6	

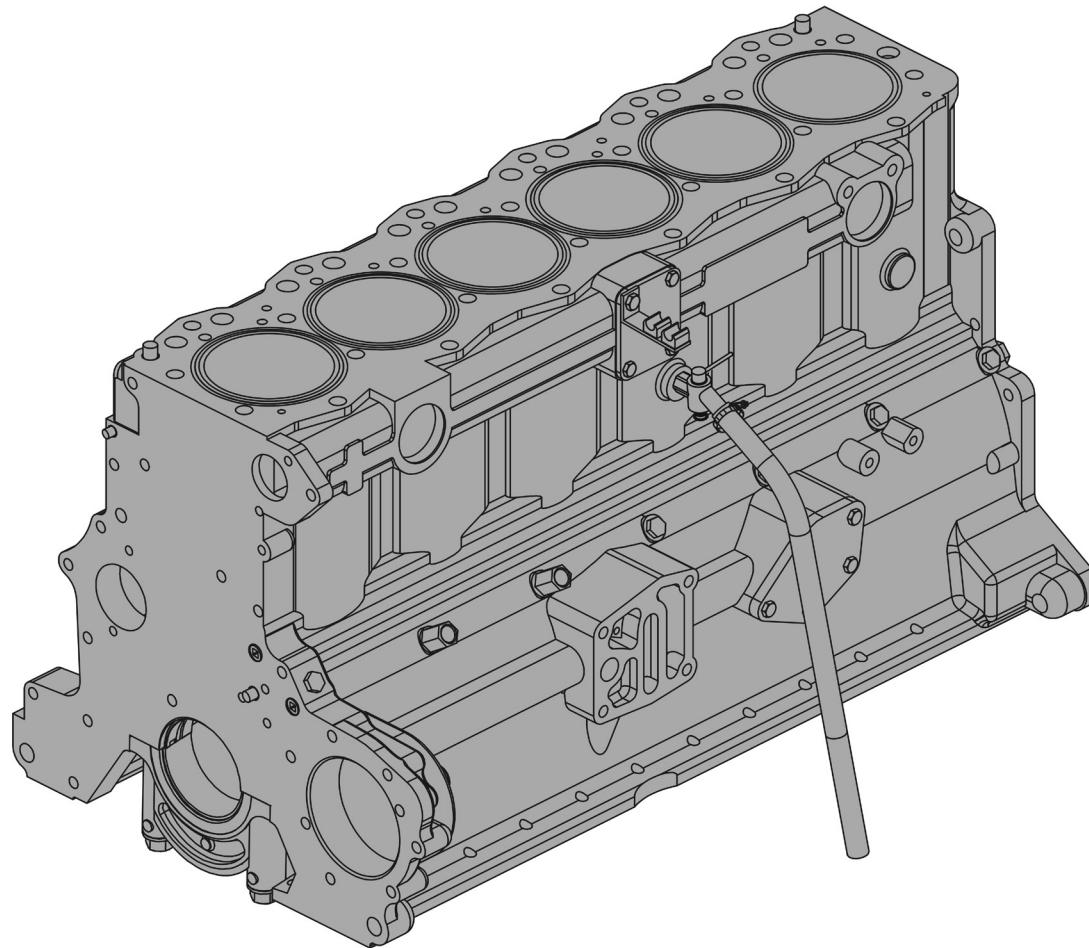
01 组 气缸盖总成明细 01 Cylinder Head Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
20	球面垫圈 8	Spherical washer 8	GB/T849	6	
21	喷油器压板螺柱 (预涂)	Stud,clamp plate of injector(Precoating)	R.010018 (预涂)	6	
22	喷油器压板	Clamp plate,injector	R.010008	6	
23	气缸盖螺栓	Bolt, cylinder head	RH.010007	26	
24	气缸盖螺钉垫圈	Washer,cylinder head bolt	R.010012	26	
25	气门导管 (9.0)	Valve guide (9.0)	R.010104BFE	12	
	气门导管 (9.5)	Valve guide (9.5)	R.010104B	12	
26	气门旋转器部件	Valve rotocap assembly	R.010300	6	
27	气门锁夹	Valve collet	R.010005	24	
28	气门顶帽	Valve cap	R.010006	12	
29	气门弹簧上座	Retainer, valve spring	R.010004Y	12	
30	气门弹簧	Valve spring	R.010003Y	12	
31	气门油封	Oil seal, valve	R.010019YA	12	
32	进气门弹簧定距块	Spacer,inlet valve spring	R.010015Y	6	
33	螺母 10-Zn.D	Nut 10-Zn.D	GB52	6	
34	摇臂轴部件	Rocker shaft assembly	3R.010200	2	
34.1	螺塞 Z3/8"	Screw plug Z3/8"	LR.010209	4	
34.2	挡圈 25	Retaining ring 25	GB894-76	4	
34.3	摇臂轴轴端弹簧	Spring, rocker shaft end	R.010203	4	
34.4	摇臂轴垫圈	Washer, rocker shaft	R.010204	4	
34.5	气门摇臂	Rocker arm	R.010250	12	
34.6	螺母 M10*1	Nut M10*1	GB54	12	
34.7	摇臂调节螺钉	Adjusting screw rocker arm	R.010208	12	
34.8	摇臂轴弹簧	Spring, rocker shaft	R.010202	4	
34.9	摇臂轴座 (供油的)	Seat, rocker shaft(Oil supply)	R.010205	2	
34.10	螺钉 M6*16	Bolt M6*16	GB75-76	2	
34.11	螺母 M6-Zn.D	Nut M6-Zn.D	GB52-76-ZN.D	2	
34.12	气门摇臂轴	Rocker shaft	3R.010201	2	
34.13	摇臂轴座	Seat, rocker shaft	R.010206	4	

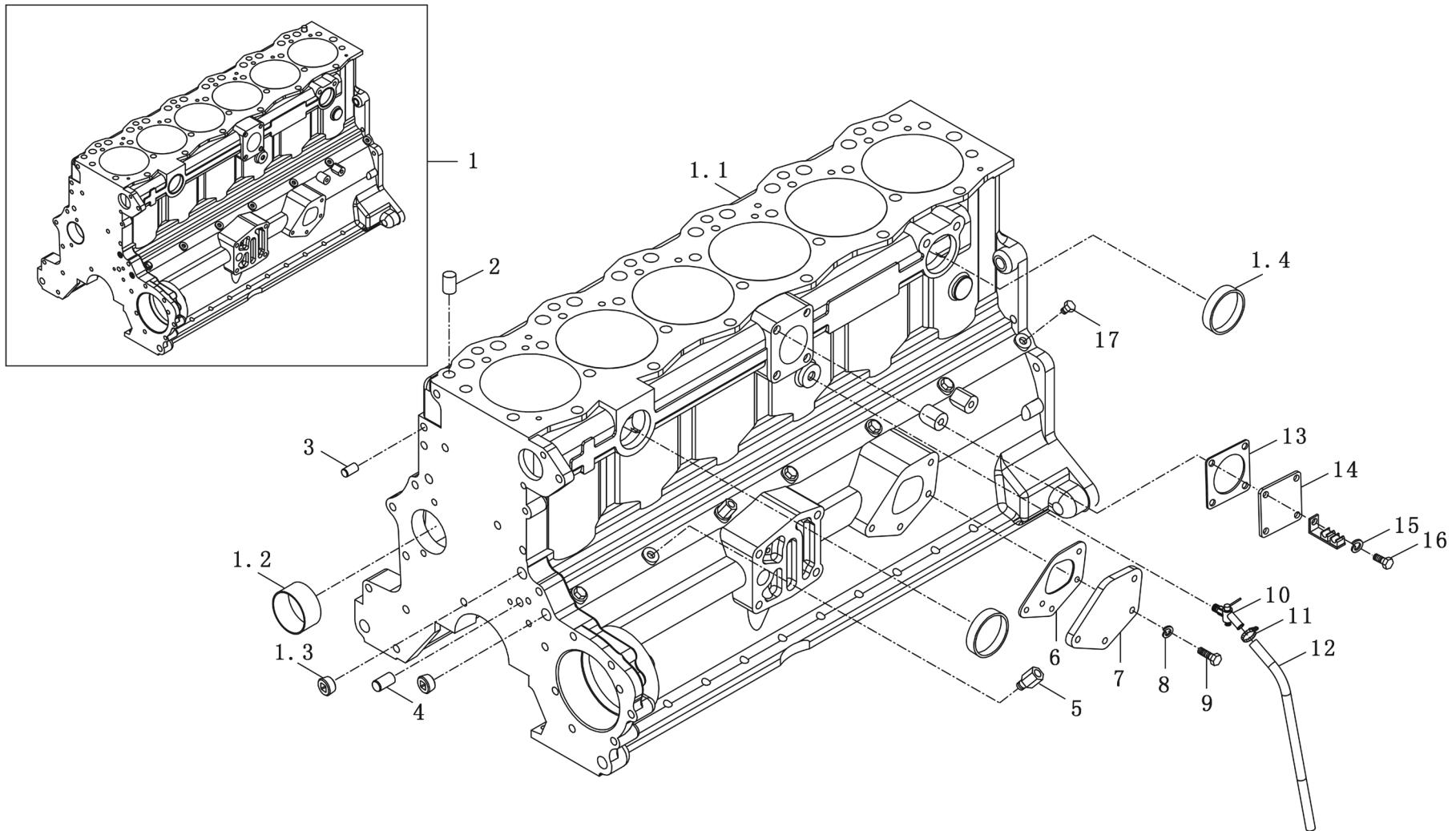
01 组 气缸盖总成明细 01 Cylinder Head Assy

序号 No.	零件名称 Part Name	零件代号 Drawing No	数 量 Qty.	备注 Remarks
35	摇臂座螺柱	Stud,rocker shaft seat	R.010016-1	6
36	气缸盖垫片	Gasket,Cylinder head	LR6110.010011A	1
37	螺栓 M10*85-8.8-Zn.D	Bolt M10*85-8.8-Zn.D	GB22	6
38	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	12

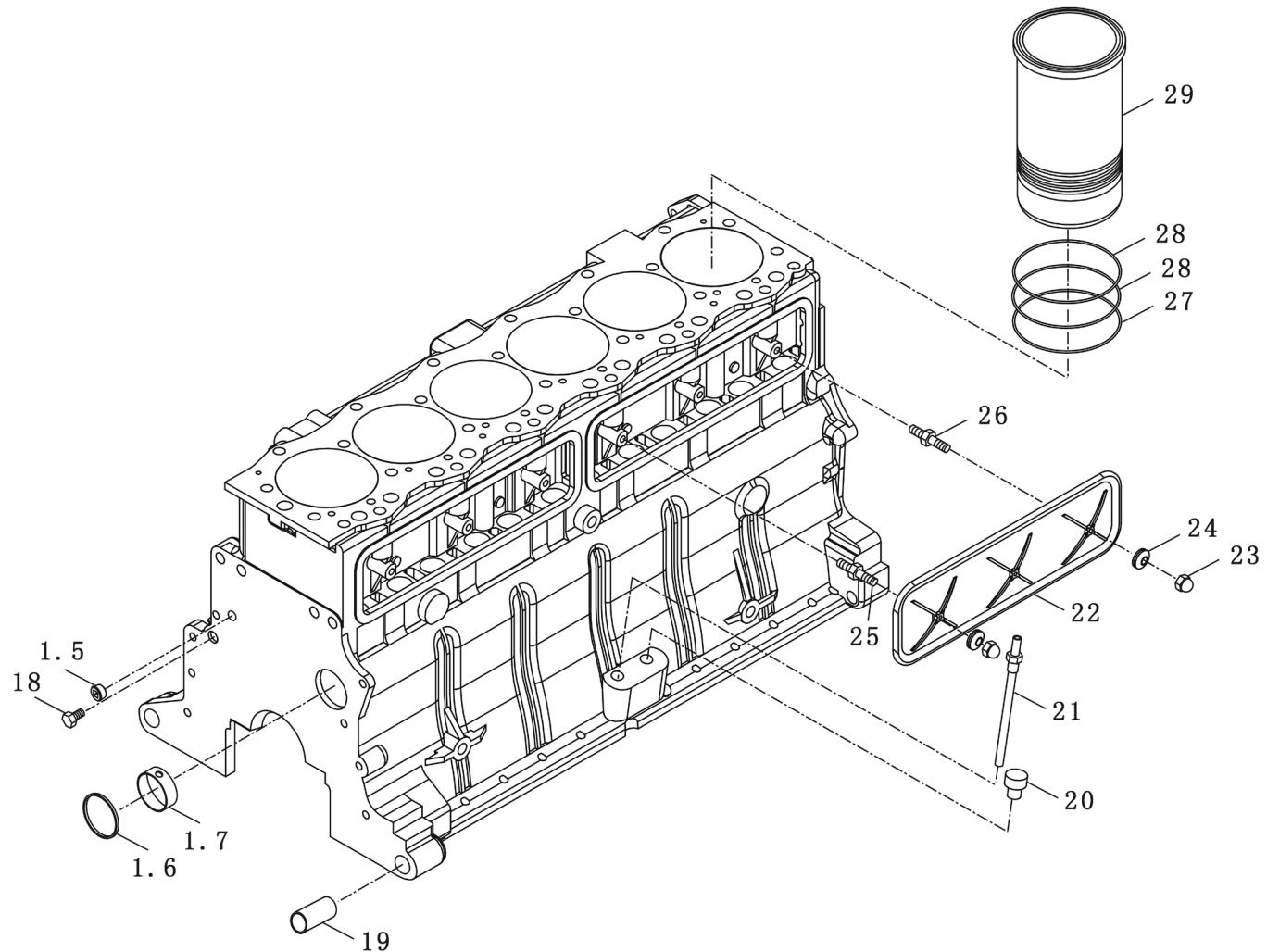
02 组 机体总成 (I) 02 Cylinder Block Assy



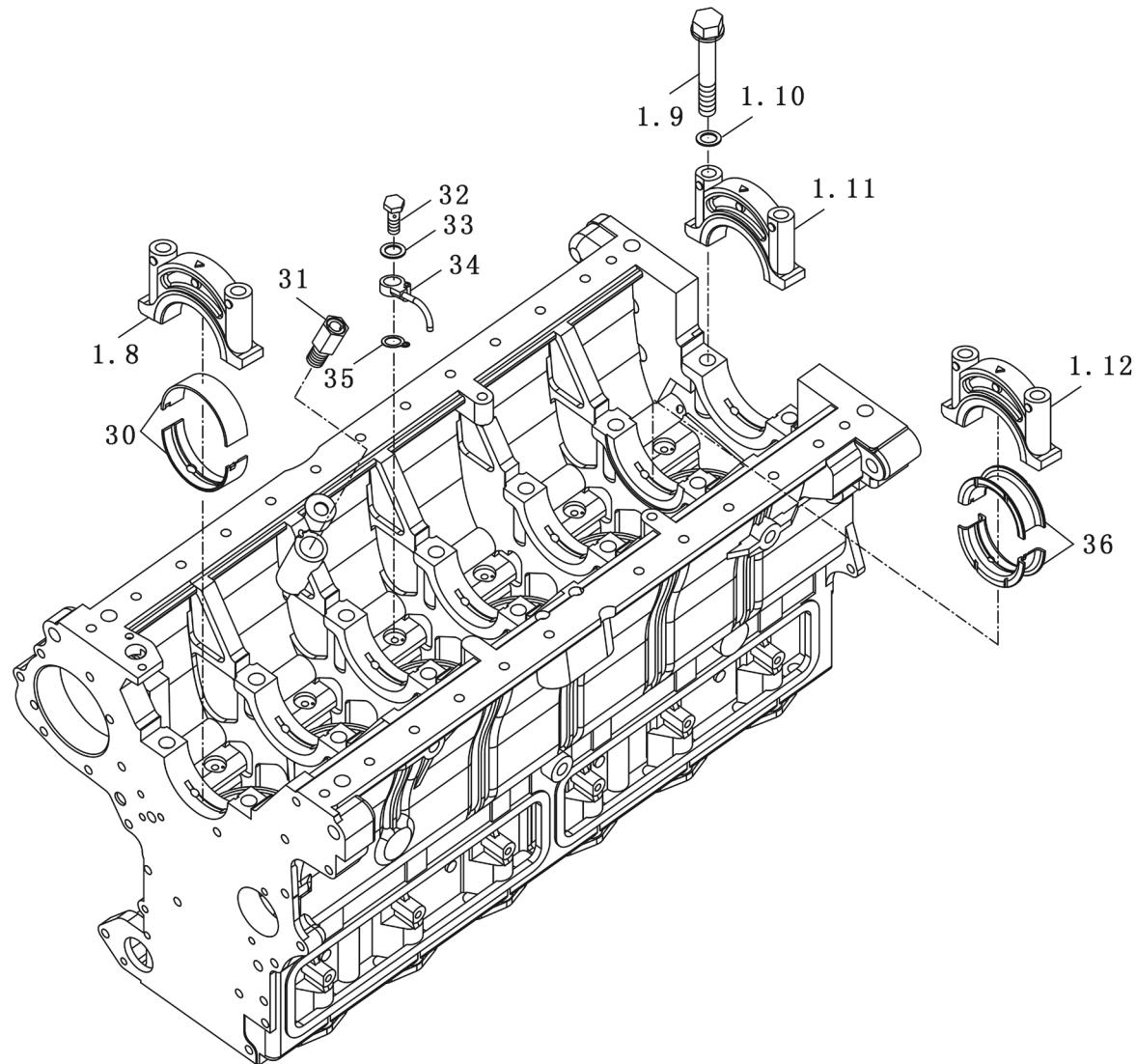
02 组 机体总成(II) 02 Cylinder Block Assy



02 组 机体总成 (III) 02 Cylinder Block Assy



02 组 机体总成 (IV) 02 Cylinder Block Assy



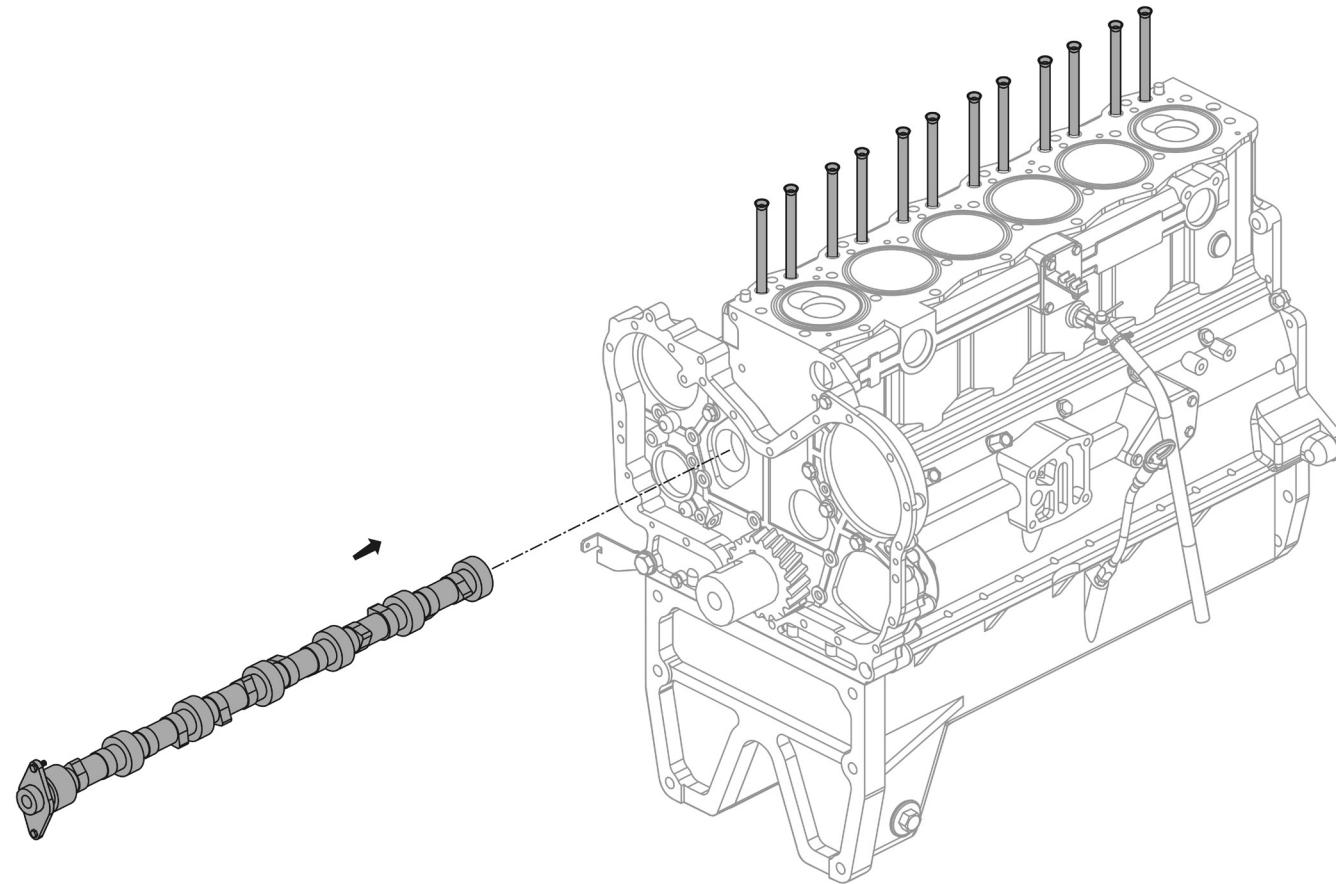
02 组 机体总成明细 02 Cylinder Block Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	机体机械部件	Cylinder block mechanical assembly	6RBATF.020100	1	
1.1	机体	Cylinder block	6RBATF.020101	1	
1.2	凸轮轴前衬套	Camshaft front bearing	R.020106	1	
1.3	内四方螺塞 NPT3/8" (预涂)	Inner square plug NPT3/8"(Precoating)	LR.010209(预涂)	2	
1.4	碗形塞片 50	Bowl plug 50	R.020108	2	
1.5	内四方螺塞 NPT3/8" (预涂)	Inner square plug NPT3/8"(Precoating)	LR.010209(预涂)	1	
1.6	堵塞 60	Plug 60	Q/SB144-64	1	
1.7	凸轮轴衬套	Camshaft bearing	R.020107	6	
1.8	主轴承盖	Cap,mian bearing	LR.020102	5	成对加工, 不单独销售 Paired processing, not separate sales
1.9	主轴承螺钉	Bolt,main bearing	R.020104	14	
1.10	主轴承螺钉垫圈	Washer,main bearing bolt	R.020105	14	
1.11	后主轴承盖	Cap,rear main bearing	LR.020111	1	成对加工, 不单独销售 Paired processing, not separate sales
1.12	定位主轴承盖	Cap,locating main bearing	LR.020103	1	成对加工, 不单独销售 Paired processing, not separate sales
2	机体顶面定位销	Dowel,cylinder block top face	R.020021	2	
3	机体前面上定位销	Dowel,cylinderblockupperfront face	R.020023	1	
4	机体顶面定位销	Dowel,cylinder block top face	R.020021	1	
5	油压表接头	Oil pressure meter joint	4RT62.020031	2	
6	转子滤垫片	Rotor pad sheet	R.440001	1	
7	底盖	Bottom cover	6RQ.440002	1	
8	垫圈 8	Spring washer 8	GB/T93	4	
9	螺栓 M8*25-8.8-Zn.D	Bolt M8*25-8.8-Zn.D	GB21	4	

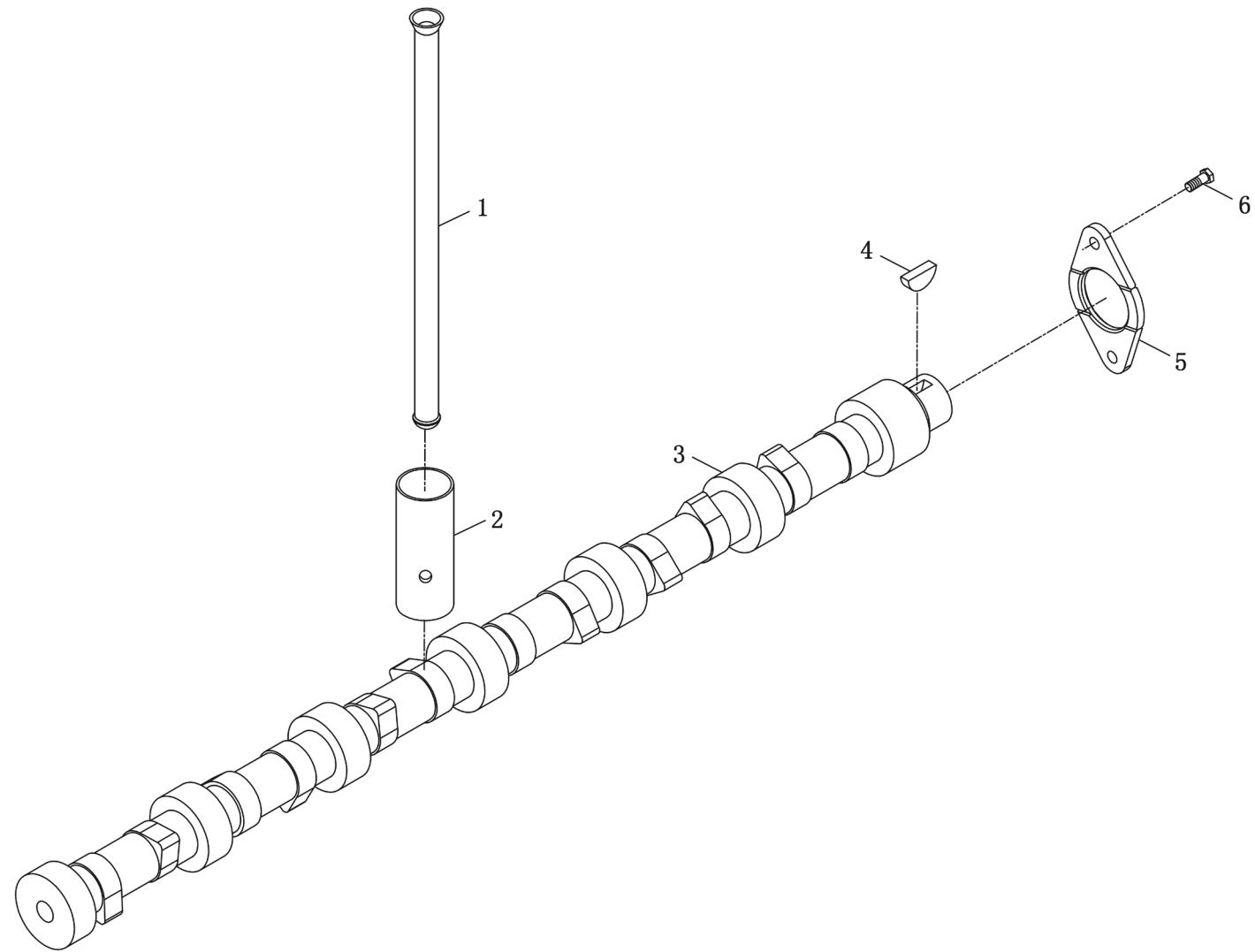
02 组 机体总成明细 02 Cylinder Block Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
10	水箱放水阀总成(预涂)	Water tank drain valve assembly (Precoating)	1305C1-010(预涂)	1	
11	碳钢喉箍 d19/13-19	Steel hoop d19/13-19	JB/T8870	1	
12	放水胶管	Drain hose	4RCT5.020004FE	1	
13	盖板垫片	Gasket, Cap	R.020017	1	
14	盖板	Cover plate	6RTIII.020028	1	
15	垫圈 10	Spring washer 10	GB/T93	4	
16	螺栓 M10*20-8.8-Zn.D	Bolt M10*20-8.8-Zn.D	GB21	4	
17	螺塞 Z1/8"(预涂)	Screw plug Z 1/8"(Precoating)	YTQ021.1(预涂)	5	
18	螺塞 Z3/8"(预涂)	Screw plug Z 3/8"(Precoating)	YTQ021.1(预涂)	1	
19	机体后面空心定位销	Hollow dowel,cylinder block rear face	R.020015	2	
20	堵头	Plug	RZ.020019FE	1	
21	曲轴箱通风回油管部件	Drainpipeassembly,crankcase	LR.020300	1	
22	前推杆室盖	Cover,front push rod chamber	6R.020008A	1	
23	盖形螺母 M10-Zn.D	Acorn Nut M10-Zn.D	GB/T923	6	
24	密封垫圈	Rubber sealing ring	R.010017	6	
25	推杆室盖螺柱	Stud,push rod chamber cover	R.020011FE-1	2	装在中间位置 Put in the middle position
26	推杆室盖螺柱	Stud,push rod chamber cover	R.020011FE	4	
27	气缸套密封圈	Cylinder liner seal ring	RA.020003A	6	
28	气缸套密封圈	Cylinder liner seal ring	RA.020002/03	12	
29	气缸套	Cylinder liner	RBA.020001A	6	
30	主轴瓦	Spindle tile	LR.020041/42	6	
31	机油泵限压阀部件	Oil pump pressure limiting valve parts	LR.412100-2	1	0.78-0.8Mpa
32	喷嘴固定螺栓(预涂)	Nozzle bolt	RH.020003(预涂)	6	
33	垫片	Washer	6RAZL.020006	6	
34	喷嘴部件	Nozzle parts	6RZQC.020200-1	6	
35	喷嘴垫片	Nozzle gasket	BII-049	6	
36	主轴承止推瓦	Main bearing thrust tile	LR.020043/44	1	

03 组 凸轮轴总成 (I) 03 Camshaft Assy



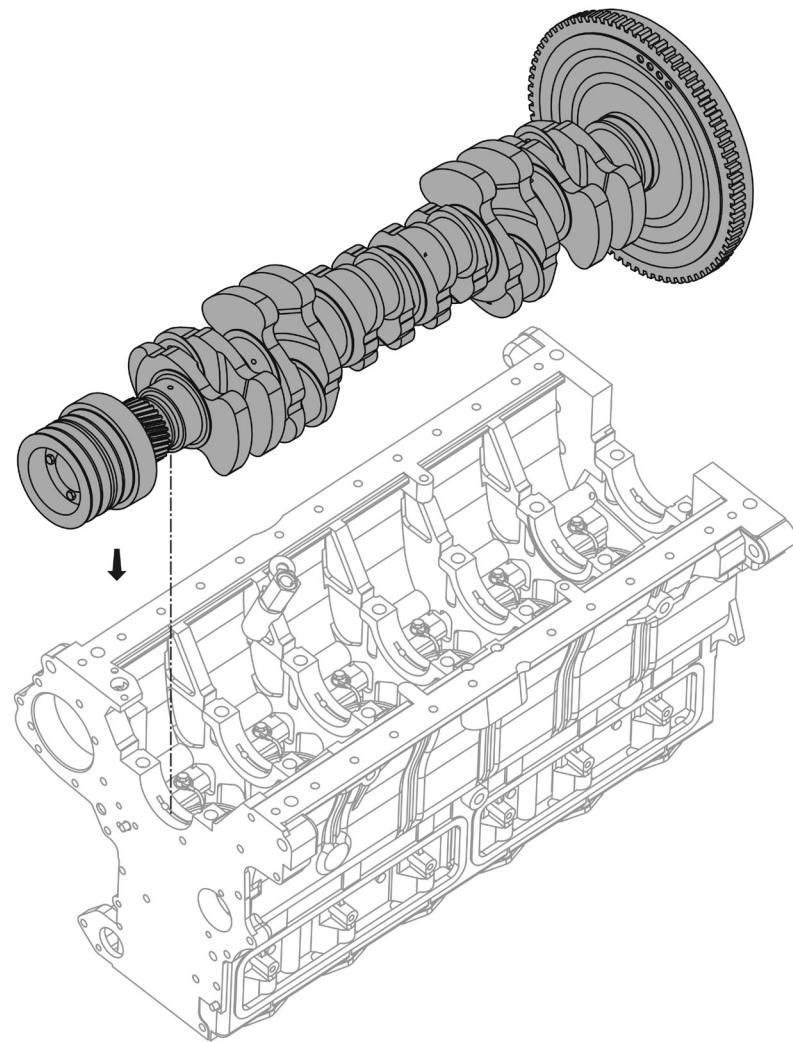
03 组 凸轮轴总成 (II) 03 Camshaft Assy



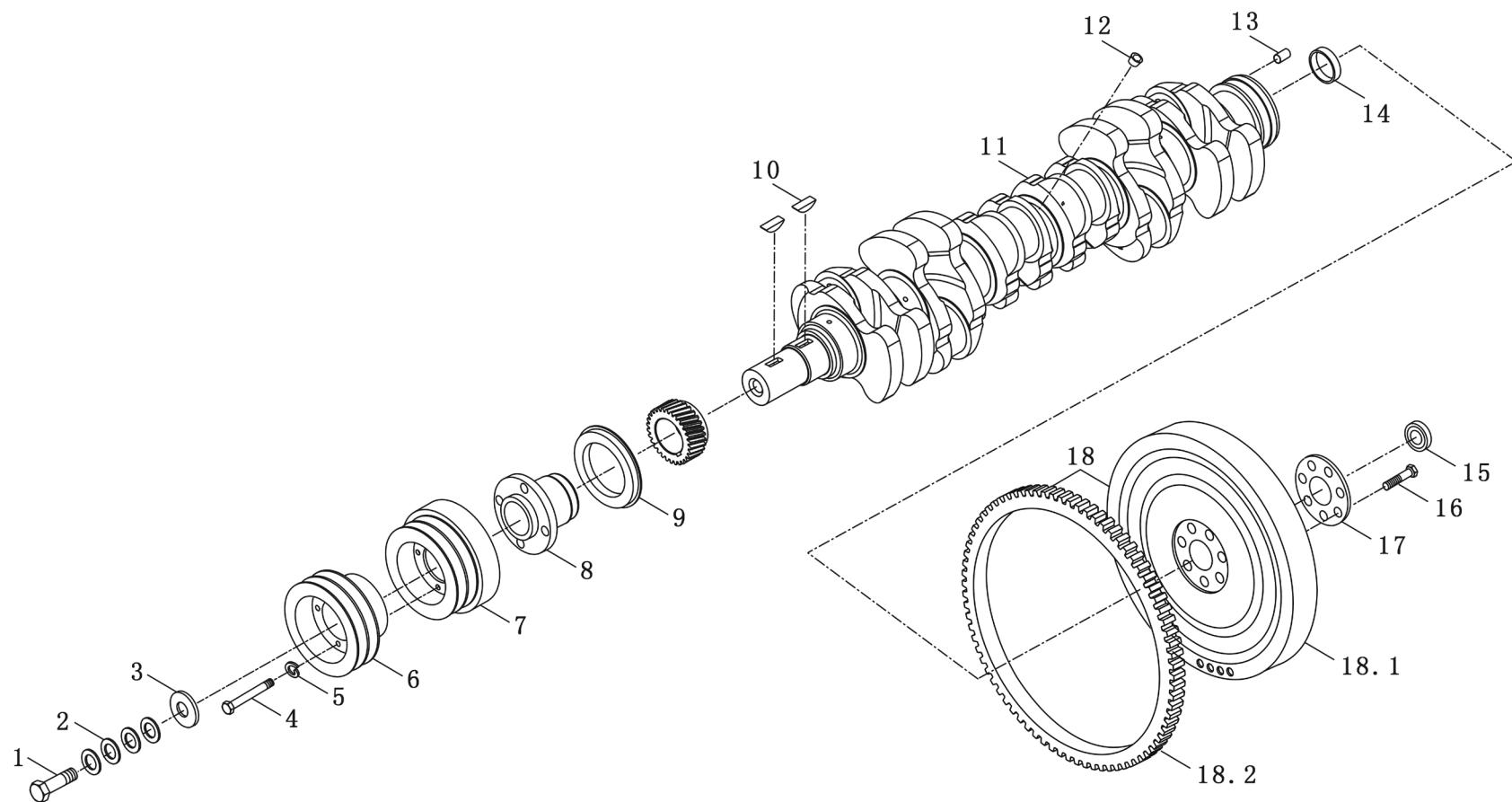
03 组 凸轮轴总成明细 03 Camshaft Assy

序号 No.	零件名称 Part Name	零件代号 Drawing No	数 量 Qty.	备注 Remarks
1	挺杆	Push rod	R.030003	12
2	挺柱	Tappet	R.030002	12
3	凸轮轴	Camshaft	6R.030001Y	1
4	半圆键 6*22	Semi-circular key 6*22	GB/T1099	1
5	凸轮轴止推片	Thrust, camshaft	R.030004	1
6	螺栓 M8*20-8.8-Zn.D	Bolt M8*20-8.8-Zn.D	GB21	2

04 组 曲轴飞轮总成 (I) 04 Crankshaft And Flywheel Assy



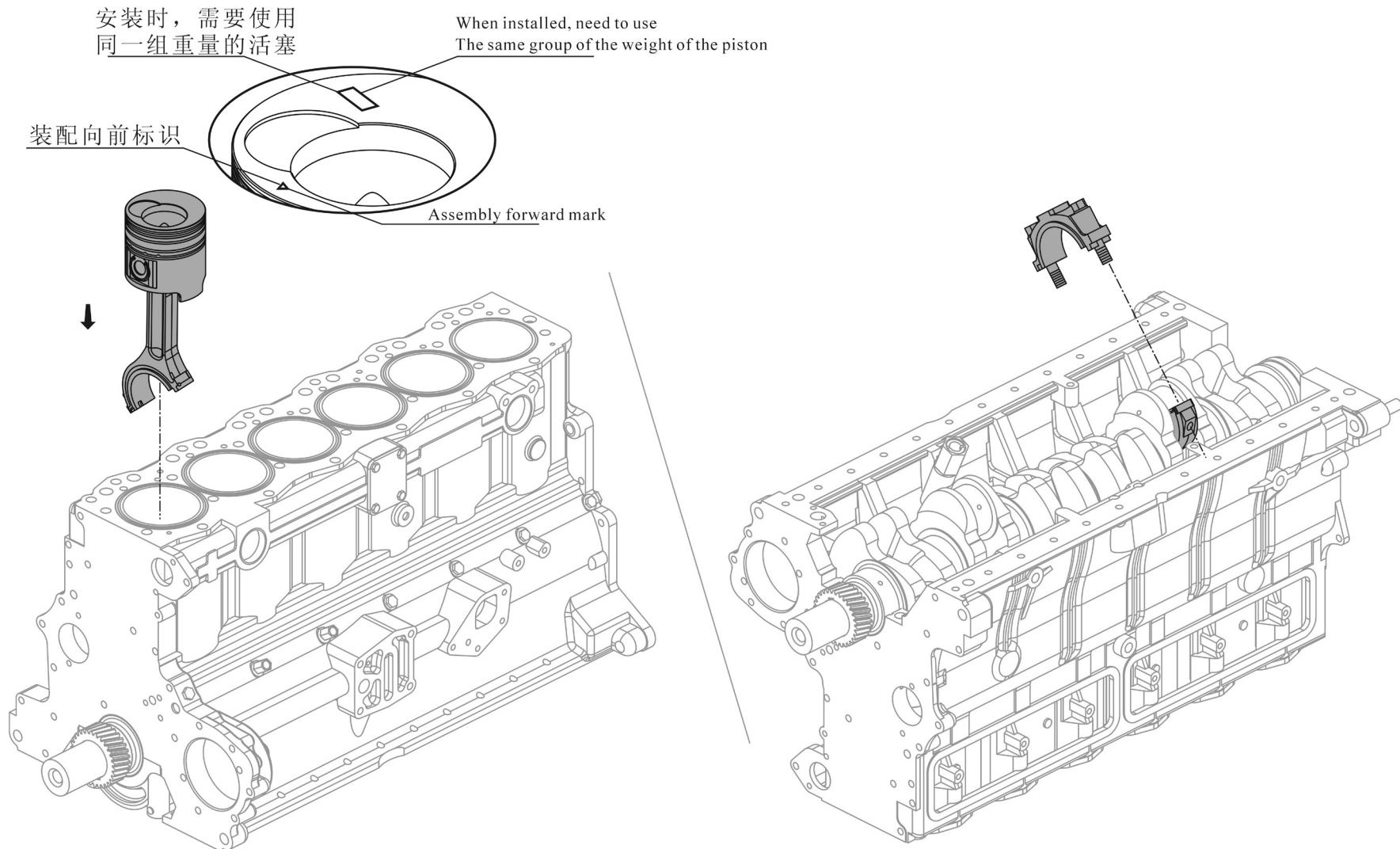
04 组 曲轴飞轮总成 (II) 04 Crankshaft And Flywheel Assy



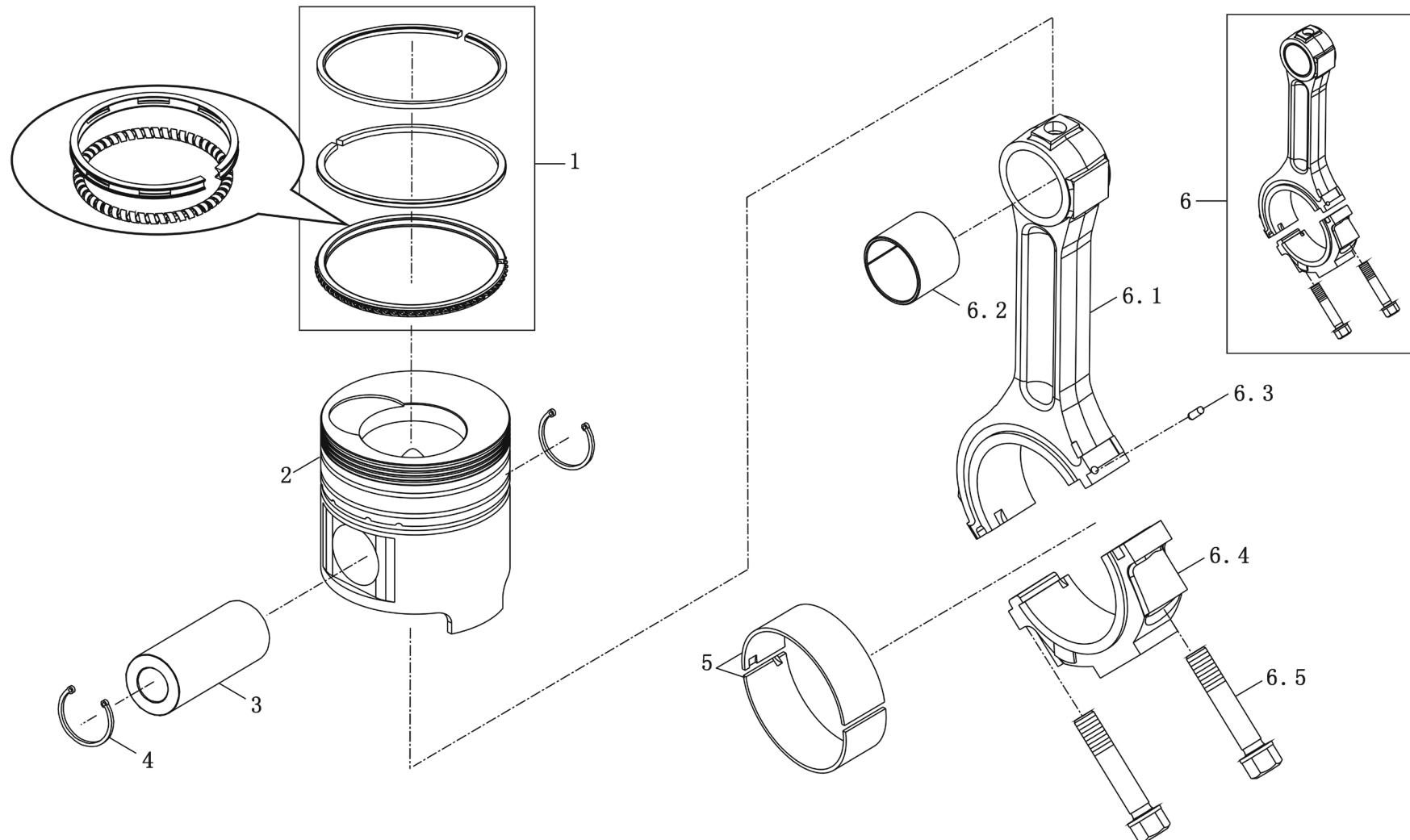
04 组 曲轴飞轮总成明细 04 Crankshaft And Flywheel Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	螺栓 M16*1.5*55-Zn.D	Bolt M16*1.5*55-Zn.D	GB/5783	1	
2	波形弹性垫圈	Waved spring washer	GB/T955	4	
3	曲轴摇爪垫板	Plate, Crankshaft jaw	LR.040007	1	
4	螺栓 M10*65-8.8-Zn.D	Bolt M10*65-8.8-Zn.D	GB22	4	
5	垫圈 10	Spring washer 10	GB/T93	4	
6	压缩机皮带轮	Compressor pulley	6RT12.040254	1	
7	减震器总成	The shock absorber assembly	6RTF.040250	1	
8	曲轴皮带轮轮毂	Hub ,crankshaft pulley	R.040004(I)	1	
9	曲轴皮带轮防尘罩	Dust hood,pulley	R.040012	1	
10	半圆键 10*38	Semi-circular 10*38	GB/T1099	1	
11	曲轴	Crankshaft	6RC.040001B	1	
12	螺塞 Z1/8" 预涂	Screw plug Z1/8"	LR.020109	6	
13	销 14m6*30	Pin 14m6*30	GB/T119.1	1	
14	挡环	Retaining ring	6RTF.040010	1	
15	轴承	Bearing	6204E-2Z(80204E)	1	
16	飞轮螺钉	Flywheel bolt	RQ.040021	7	
17	飞轮螺钉垫板	Washer,flywheel	6RQJ.040005	1	
18	飞轮总成	Flywheel assembly	6RTF.040100-1	1	
18.1	飞轮	Flywheel	6RTF.040101-1	1	
18.2	飞轮齿圈	Flywheel ring gear	R.040602	1	

05 组 活塞连杆总成 (I) 05 Piston and Conne Assy



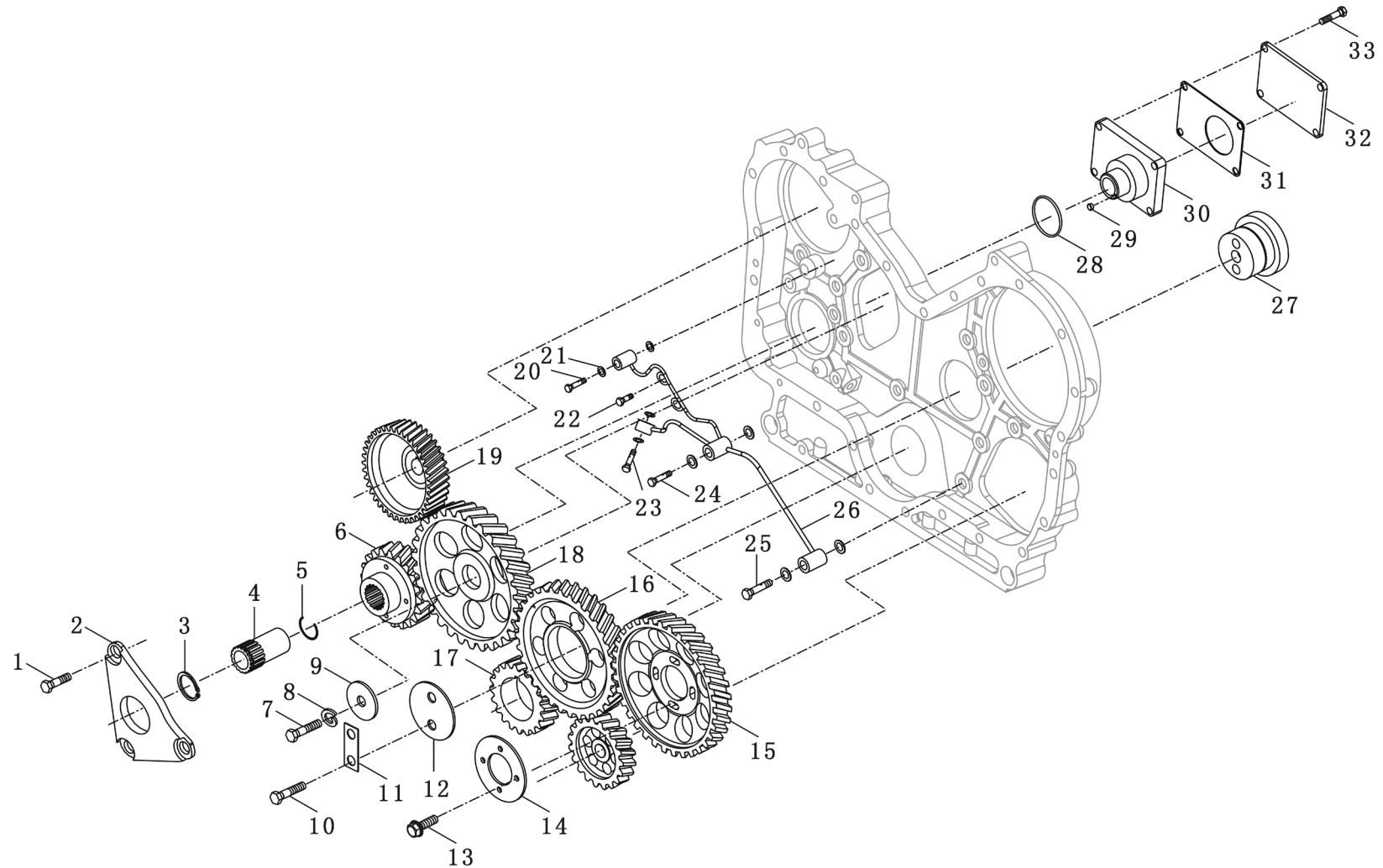
05 组 活塞连杆总成 (II) 05 Piston and Conne Assy



05 组 活塞连杆总成明细 05 Piston and Conne Assy

序号 No.	零件名称 Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	活塞环	Piston ring	RB.050002-2/003-2 /0200-2	6
2	活塞	Piston	B5.050001	6
3	活塞销	Piston pin	RA.050004	6
4	挡圈	Retaining ring	Q43036	12
5	连杆轴瓦	Shell,connecting rod	RZ.050005	12
6	连杆机械部件	The connecting rod machinery parts	RA.050100	6
6.1	连杆体	Body,connecting rod	RA.050101	6
6.2	连杆衬套	Bush,connecting rod	R.050103A	6
6.3	定位销	Dowel	LR.050105	6
6.4	连杆盖	Cap,connecting rod	RA.050102	6
6.5	连杆螺栓	Bolt,connecting rod	RA.050104	12

06 组 齿轮系总成 06 Gear Train Assy



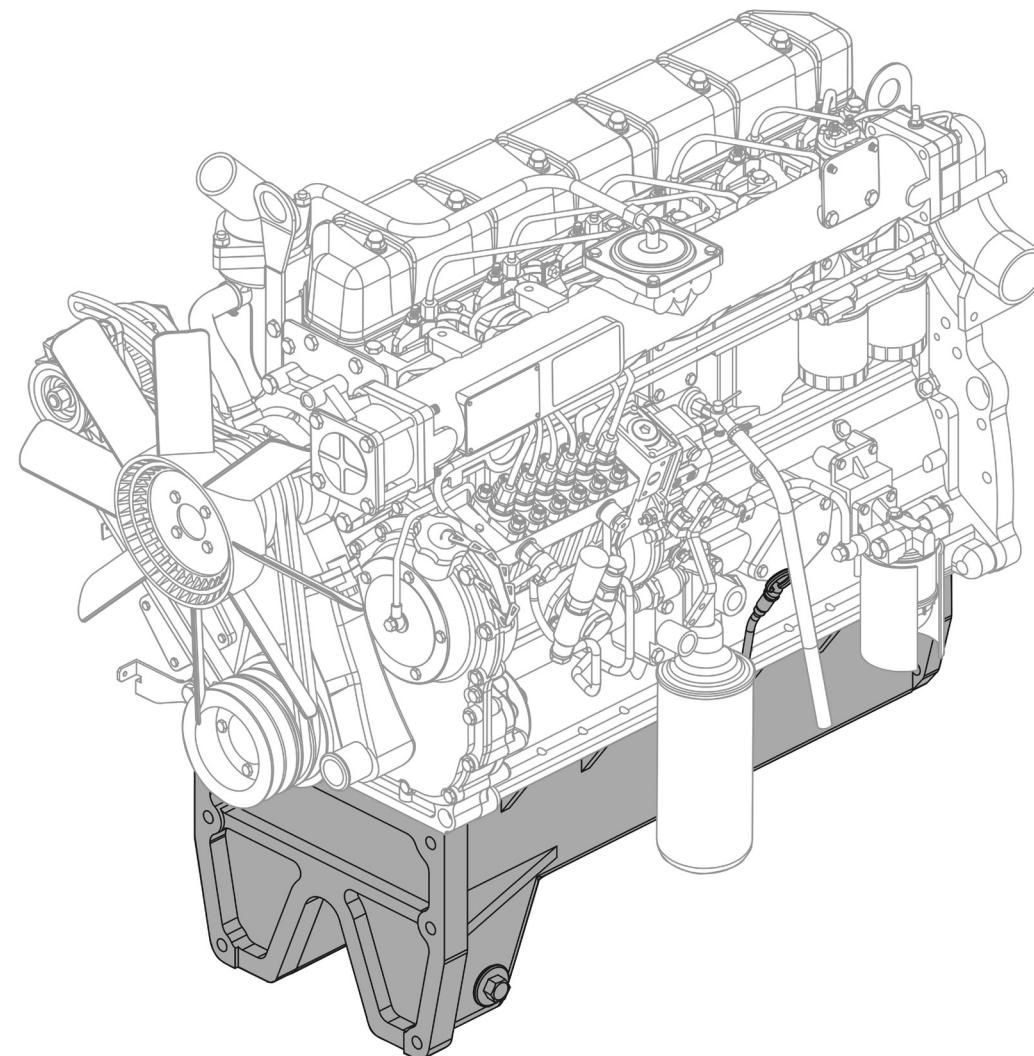
06 组 齿轮系总成明细 06 Gear Train Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	GB21	3	
2	液压泵传动齿轮止推板	Thrust plate,hydraulic pump gear	RT.060026-1D	1	
3	挡圈 30	Retaining ring 30	GB/T894.1	1	
4	液压泵传动花键套	Driving splined sleeve,hydraulic pump	RB.060025A	1	
5	挡圈 30	Retaining ring 30	GB/T895.2	1	
6	液压泵传动齿轮部件	Hydraulic pump gear assy	RB.061100C	1	
7	螺栓 M12*50-8.8-Zn.D	Bolt M12*50-8.8-Zn.D	GB21	1	
8	垫圈 12	Spring washer 12	GB/T93	1	
9	凸轮轴齿轮压板	Camshaft gear clamp	R.060004	1	
10	螺栓 M10*60-8.8-Zn.D	Bolt M10*60-8.8-Zn.D	GB22	2	
11	锁片	Locking washer	R.060031-1	1	
12	惰齿轮止推板	Thrust plate,idle gear	R.060011	1	
13	螺栓 M10*30-10.9-Zn.D	Bolt M10*30-10.9-Zn.D	GB21	4	
14	喷油泵齿轮压板	Retaining plate,injection pump gear	6RZLD.060007	1	
15	喷油泵齿轮	Injection pump gear	LR.060005D	1	
16	惰齿轮部件	Idle gear assy	R.060100B	1	
17	曲轴齿轮	Crankshaft gear	LR.060001B	1	
18	凸轮轴齿轮	Camshaft gear	R.060003B	1	
19	空气压缩机齿轮	Air compressor gear	R.060021A	1	
20	润滑油道螺钉 M8*38-8.8-Zn.D	Screw,lubrication oil passage M8*38-8.8-Zn.D	R.060023-1	1	
21	垫片 8-140HV-Zn.D	Washer 8-140HV-Zn.D	GB/T848	2	
22	螺栓 M8*25-8.8-Zn.D	Bolt M8*25-8.8-Zn.D	GB21	1	
23	润滑油道螺钉 M8*25-8.8-Zn.D(预涂)	Screw,lubrication oil passage M8*25-8.8-Zn.D(Precoating)	RT.060022(预涂)	1	
24	润滑油道螺钉 M10*40-8.8-Zn.D	Screw,lubrication oil passage M10*40-8.8-Zn.D	R.060012	1	
25	润滑油道螺钉 M8*38-8.8-Zn.D	Screw,lubrication oil passage M8*38-8.8-Zn.D	R.060023-1	1	

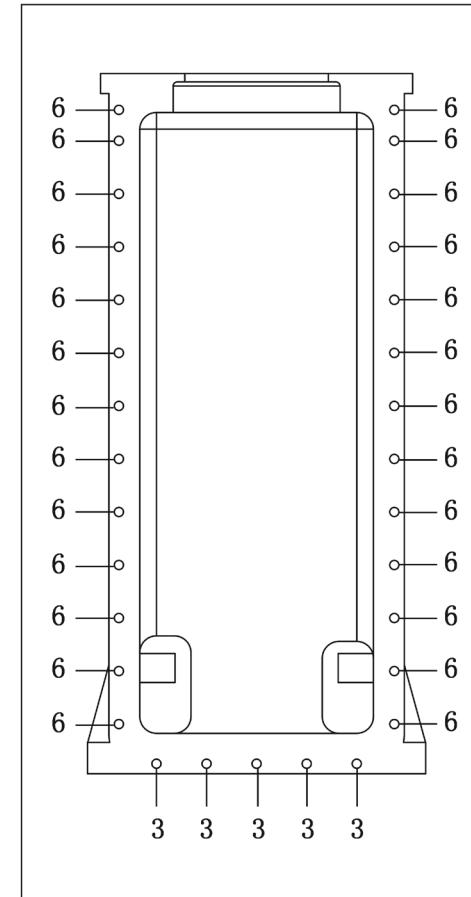
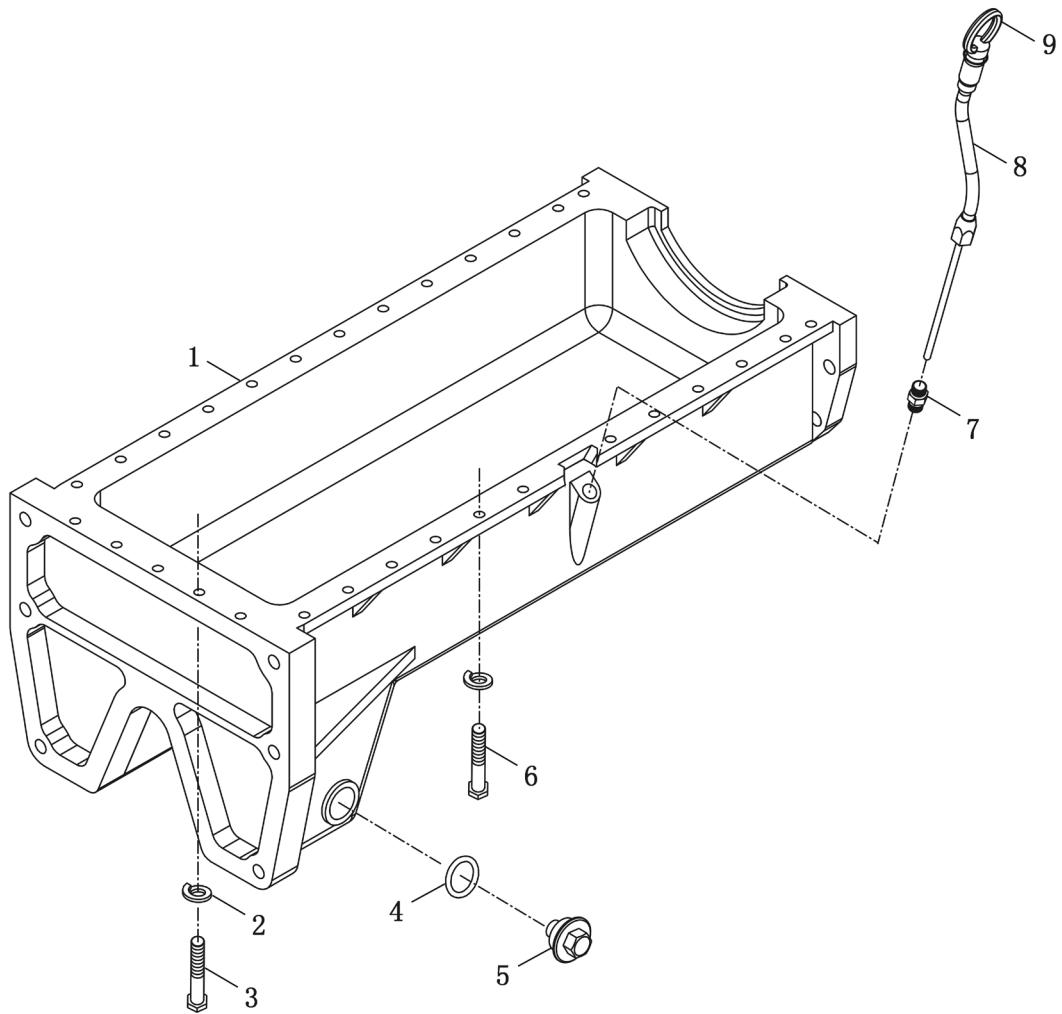
06 组 齿轮系总成明细 06 Gear Train Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
26	正时齿轮润滑油管部件	Oil pipe assy,timing gear	RT.060200	1	
27	惰齿轮轴	Shaft,idle gear	R.060009	1	
28	密封圈	Sealing ring	RT.060019-1	1	
29	堵塞	Plug	RT.060027	1	
30	液压泵传动齿轮轴	Driving gear shaft,hydraulic pump	RB.060024	1	
31	液压泵垫片	Gasket,hydraulic pump	LRT.060029	1	
32	液压泵盖板	Hydraulic pump cover	RT.060028	1	
33	螺栓 M8*30-8.8-Zn.D	Bolt M8*30-8.8-Zn.D	GB21	4	

07 组 油底壳总成 (I) 07 Sump Assy



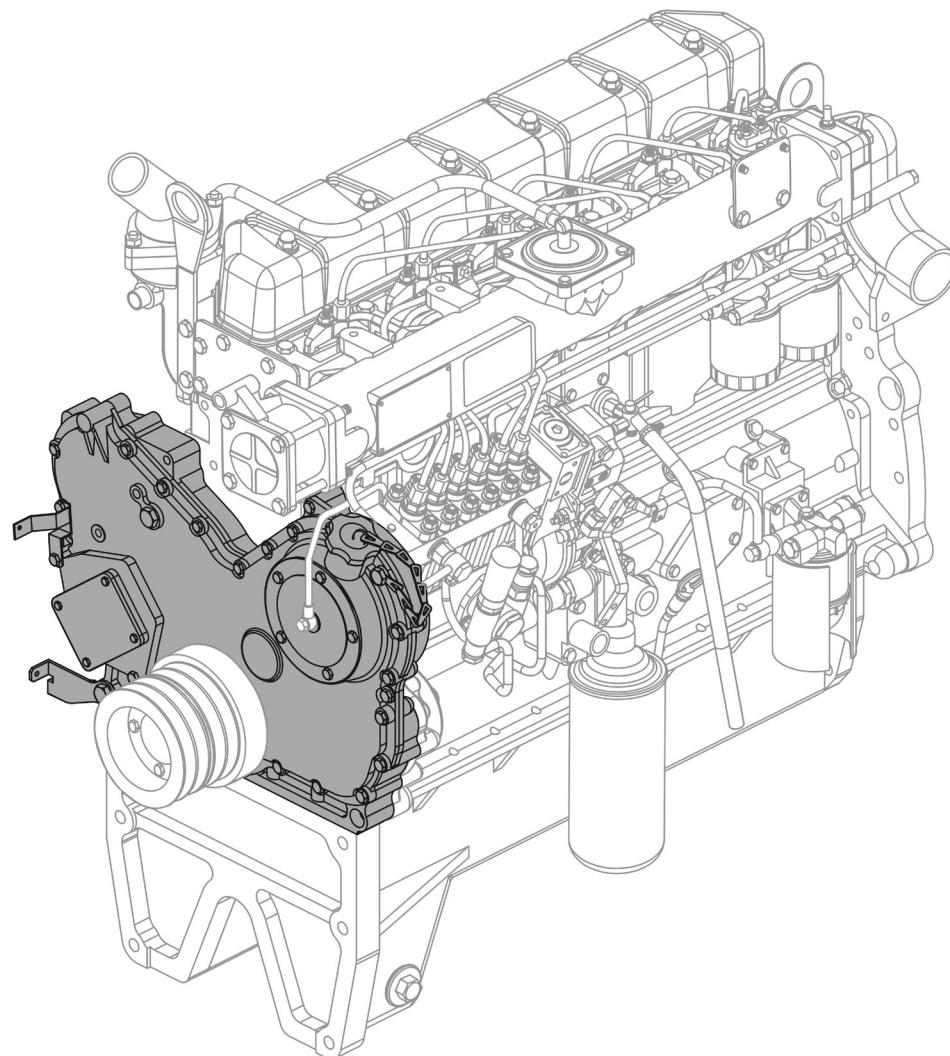
07 组 油底壳总成 (II) 07 Sump Assy



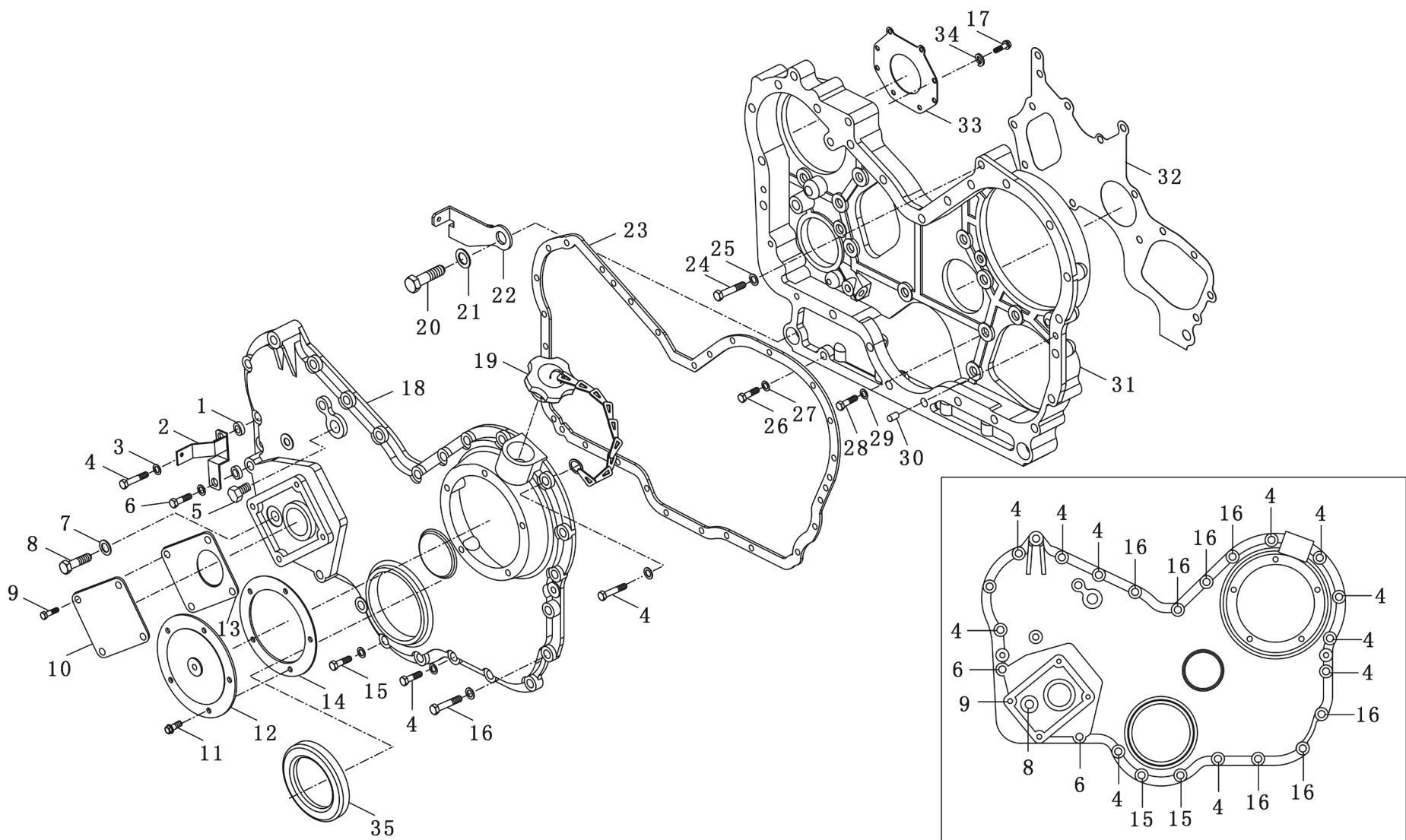
07 组 油底壳总成明细 07 Sump Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	油底壳	Sump	6RTF.070001-3	1	
2	垫圈 10	Spring washer 10	GB/T93	31	
3	螺栓 M10*45-10.9-Zn.D	Bolt M10*45-10.9-Zn.D	GB21	5	
4	O 型密封圈 35*3.5	O-rubber sealing ring 35*3.5	GB/T1235	2	
5	放油螺塞	Oil drain plug	6RQJ.070100FE	2	
6	螺栓 M10*40-8.8-Zn.D	Bolt M10*40-8.8-Zn.D	GB22	26	
7	机油标尺接头	Oil scale joint	4M5-T112.070005	1	
8	机油标尺套管部件	Sleeve,dipstick	6RQ.070024 预涂	1	
9	机油标尺部件	Dipstick assembly	4RTF.070200-1	1	

08 组 正时齿轮室总成 (I) 08 Timing Gear Chamber Assy



08 组 正时齿轮室总成 (II) 08 Timing Gear Chamber Assy



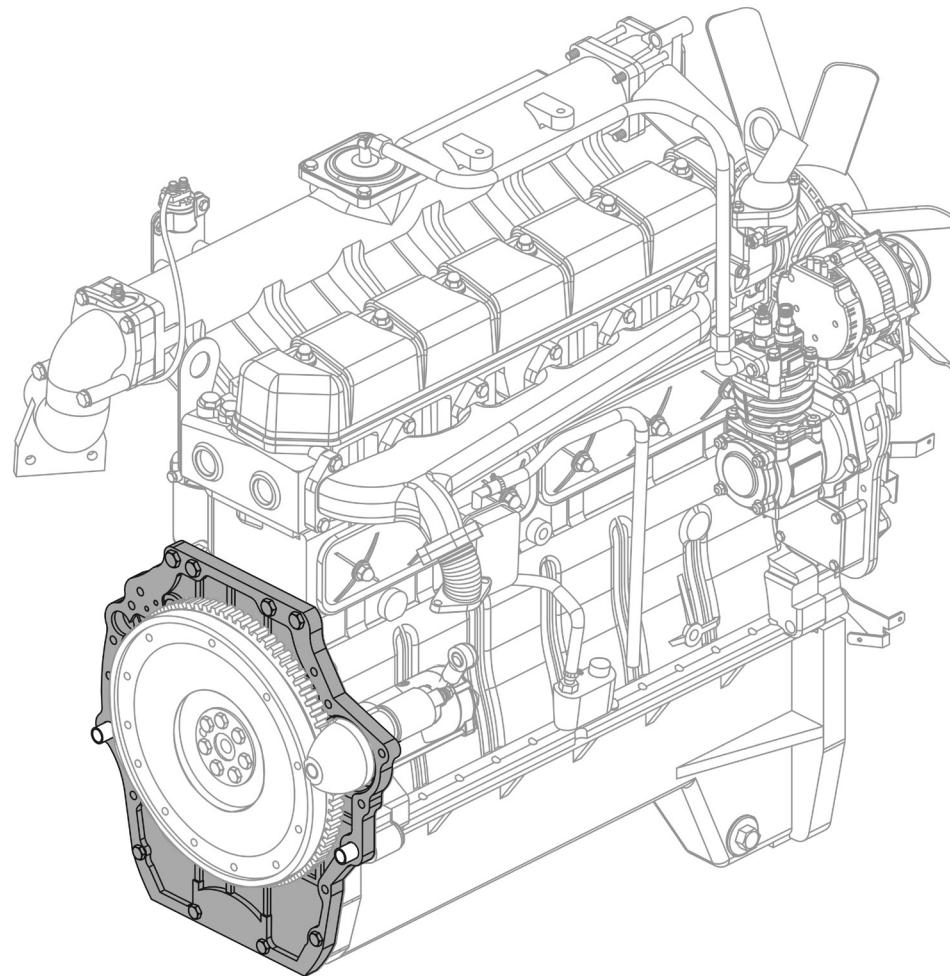
08 组 正时齿轮室总成明细 08 Timing Gear Chamber Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	垫块	Block	RT.620005FE	2	
2	油管支架合件	Tubing support fitting	6M5-T76.460050	1	
3	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	23	
4	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	GB21	11	
5	螺塞	Screw plug	4RG3.080102	1	
6	螺栓 M10*50-8.8-Zn.D	Bolt M10*50-8.8-Zn.D	GB22	2	
7	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	1	
8	螺栓 M10*90-8.8-Zn.D	Bolt M10*90-8.8-Zn.D	GB22	1	
9	螺栓 M8*18-8.8-Zn.D	Bolt M8*18-8.8-Zn.D	GB21	4	
10	盖板	Cover palte	RT.060028	1	
11	螺栓 M8*22-8.8-Zn.D	Bolt M8*22-8.8-Zn.D	GB21	5	
12	喷油泵正时检查口盖	Gasket,inspection hole cover	R.080004-1	1	
13	液压泵垫片	Gasket,hydraulic pum	LRT.060029	1	
14	检查口盖垫片	Gasket,timing gear chamber	R.080005	1	
15	螺栓 M10*35-8.8-Zn.D	Bolt M10*35-8.8-Zn.D	GB21	2	
16	螺栓 M10*70-8.8-Zn.D	Bolt M10*70-8.8-Zn.D	GB22	7	
17	螺栓 M10*35-8.8-Zn.D	Bolt M10*35-8.8-Zn.D	GB21	8	
18	正时齿轮室盖	Timing gear chamber cover	3RTF.080101-1	1	
19	机油加油口盖	Cover,oil filler	R.080300	1	
20	螺栓 M16*90-8.8-Zn.D	Bolt M16*90-8.8-Zn.D	GB22	1	
21	垫片 16-140HV-Zn.D	Washer 16-140HV-Zn.D	GB97	1	
22	油管支架	Tubing support	5149037FE	1	
23	正时齿轮室盖垫片	Gasket,timing gear chamber cove	RT.080003	1	
24	螺栓 M10*60-8.8-Zn.D	Bolt M10*60-8.8-Zn.D	GB21	1	
25	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	1	
26	螺栓 M10*60-8.8-Zn.D	Bolt M10*60-8.8-Zn.D	GB21	1	
27	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	1	
28	螺栓 M10*35-8.8-Zn.D	Bolt M10*35-8.8-Zn.D	GB21	8	
29	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	8	

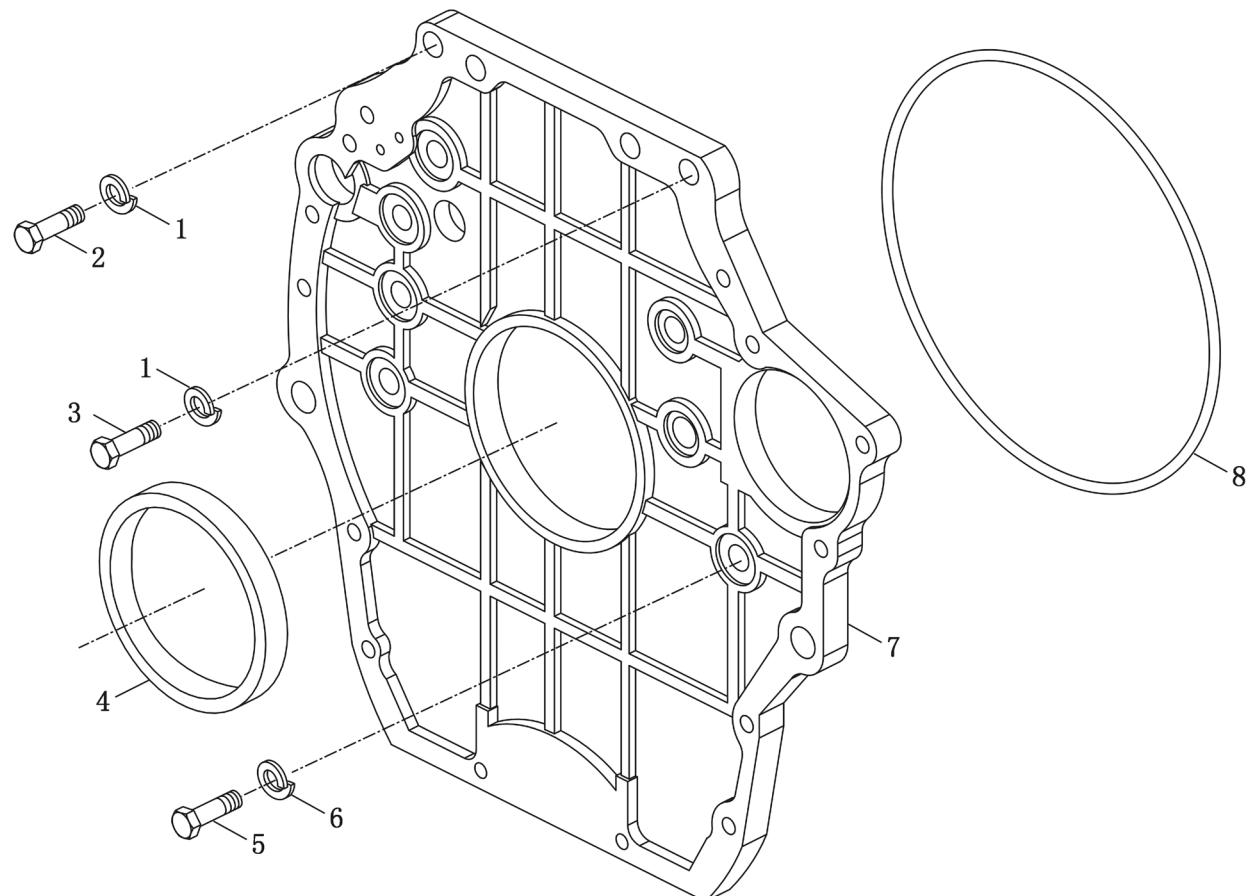
08 组 正时齿轮室总成明细 08 Timing Gear Chamber Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
30	销 M8*16	Pin M8*16	GB/T119.2	2	
31	正时齿轮室	Timing gear chamber	RT.080001-2	1	
32	正时齿轮室垫片	Gasket,timing gear chamber	RT.080002	1	
33	空气压缩机垫片	Gasket,aircompressor	R.080011	1	
34	垫圈 10	Spring washer10	GB/T93	8	
35	油封 65*90*12	Reinforced oil seal 65*90*12	LR.080150	1	

09 组 后油封壳总成 (I) 09 Oil seal shell after Assy



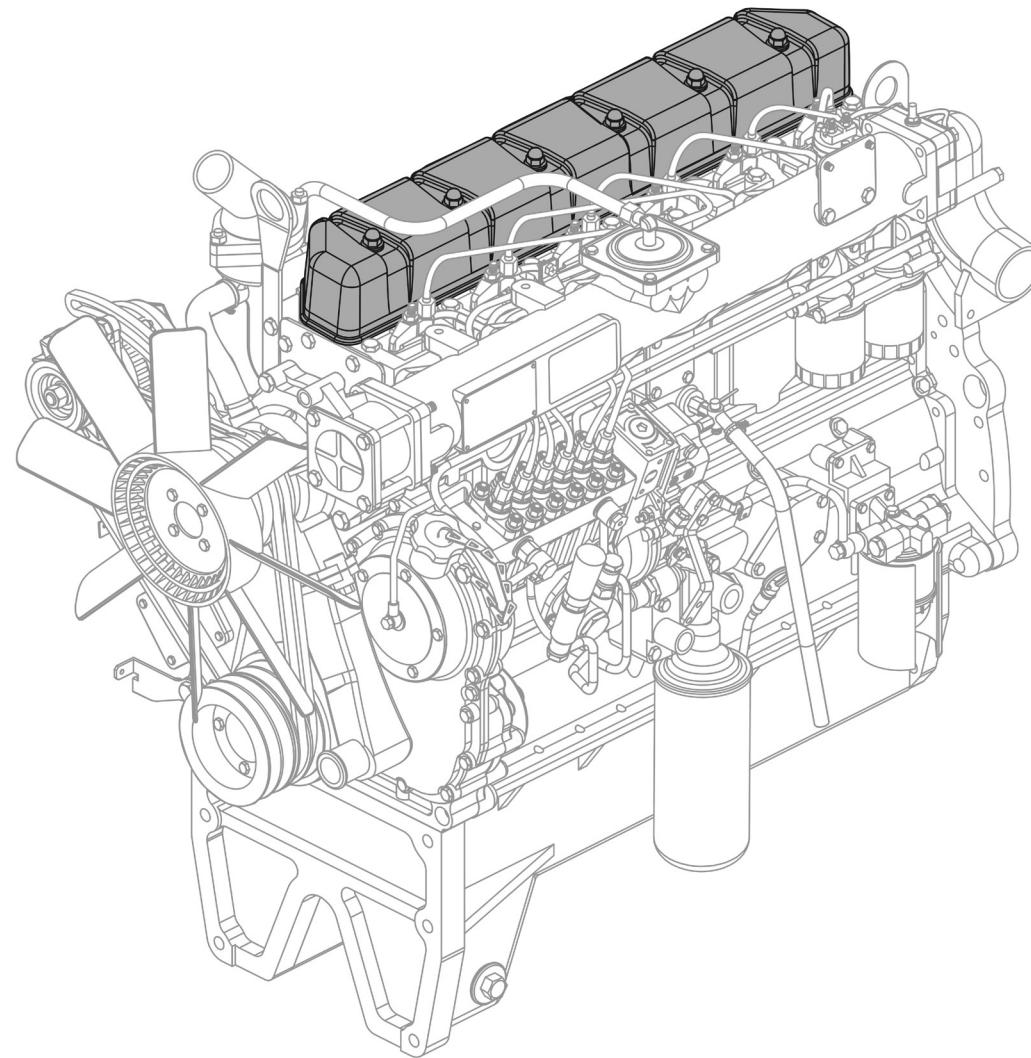
09 组 后油封壳总成(II) 09 Oil seal shell after Assy



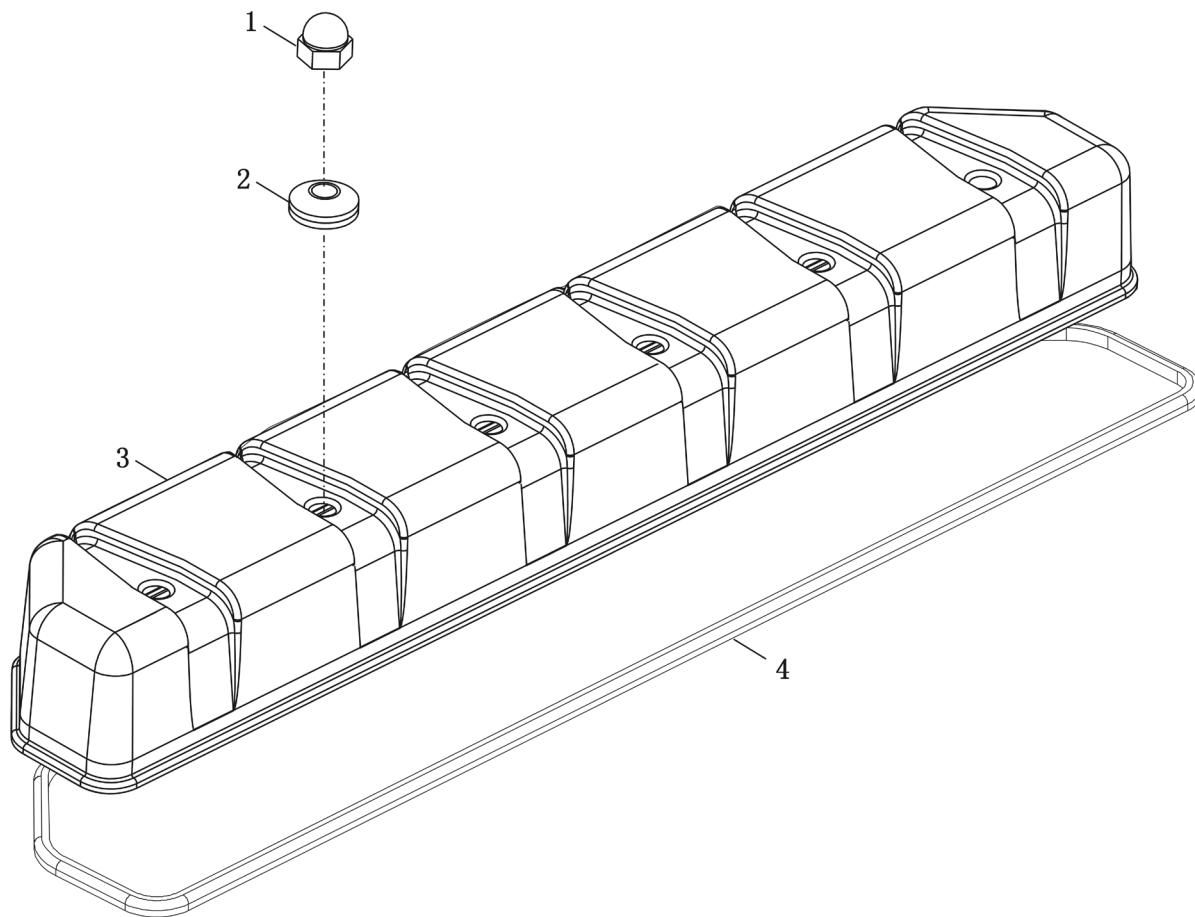
09 组 后油封壳总成明细 09 Oil seal shell after Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	垫圈 14	Spring washer 14	GB/T93	8	
2	螺栓 M14*50-8.8-Zn.D	Bolt M14*50-8.8-Zn.D	GB22	7	
3	螺栓 M14*50-8.8-Zn.D (预涂)	Bolt M14*50-8.8-Zn.D(Precoating)	GB22(预涂)	1	
4	后油封 105*130*12	Oil seal 105*130*12	LR.090100	1	
5	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	GB21	7	
6	垫圈 10	Spring washer 10	GB/T93	7	
7	后油封壳	Flywheel housing	6RTF.090001	1	
8	O 形密封圈	O-rubber sealing ring	LR.090008	1	

11 组 气缸盖罩总成 (I) 11 Cylinder Head Hood Assy



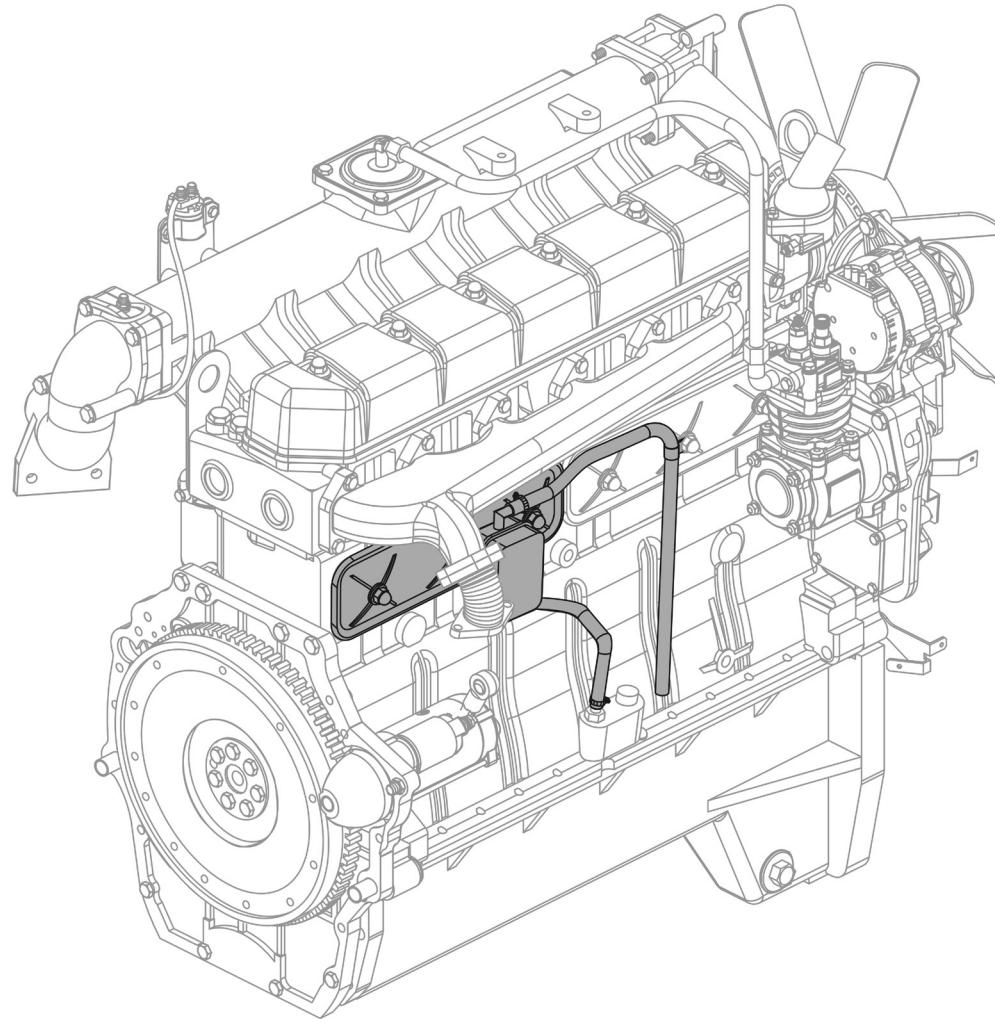
11 组 气缸盖罩总成 (II) 11 Cylinder Head Hood Assy



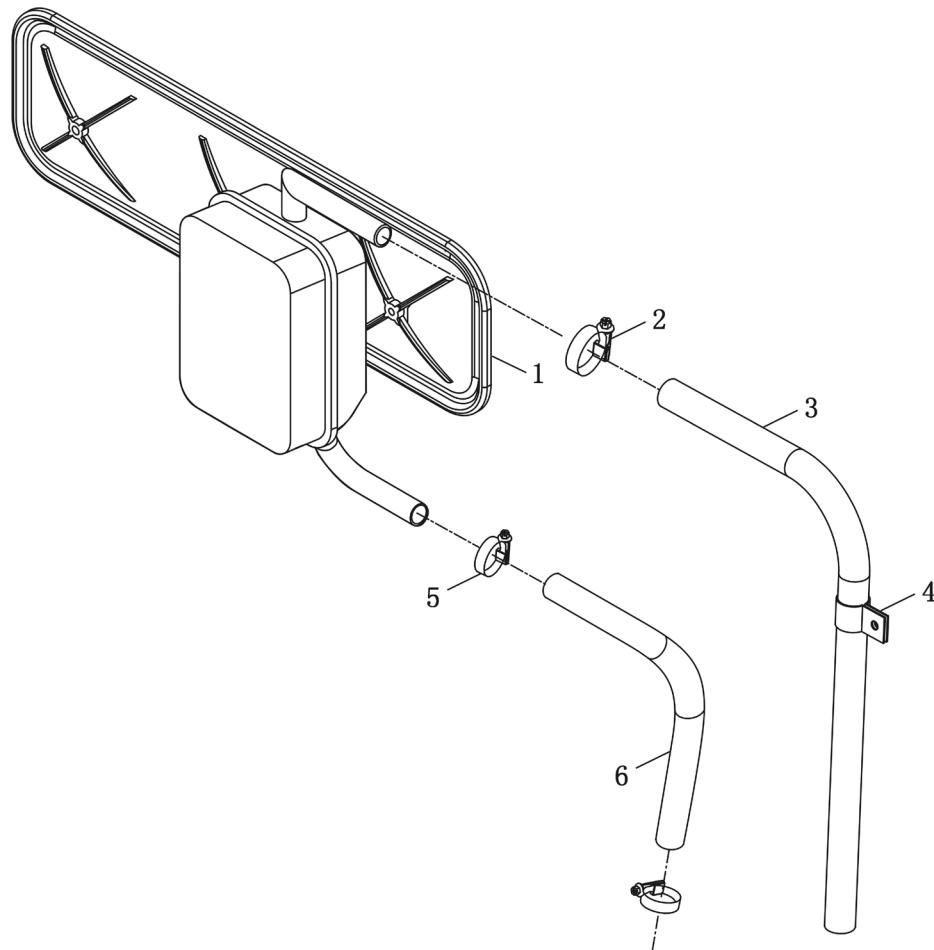
11 组 气缸盖罩总成明细 11 Cylinder Head Hood Assy

序号 No.	零件名称 Part Name	零件代号 Drawing No	数 量 Qty.	备注 Remarks
1	盖形螺母 M10-Zn.D	Acorn nut M10-Zn.D	6	
2	密封垫圈	Sealing washer	6	
3	缸盖罩焊接合件	Cylinder head cover welding fitting	1	
4	气缸盖罩密封垫	Cylinder head cover gasket	1	

12 组 曲轴箱通风装置总成 (I) 12 Crankcase Ventilation Assy



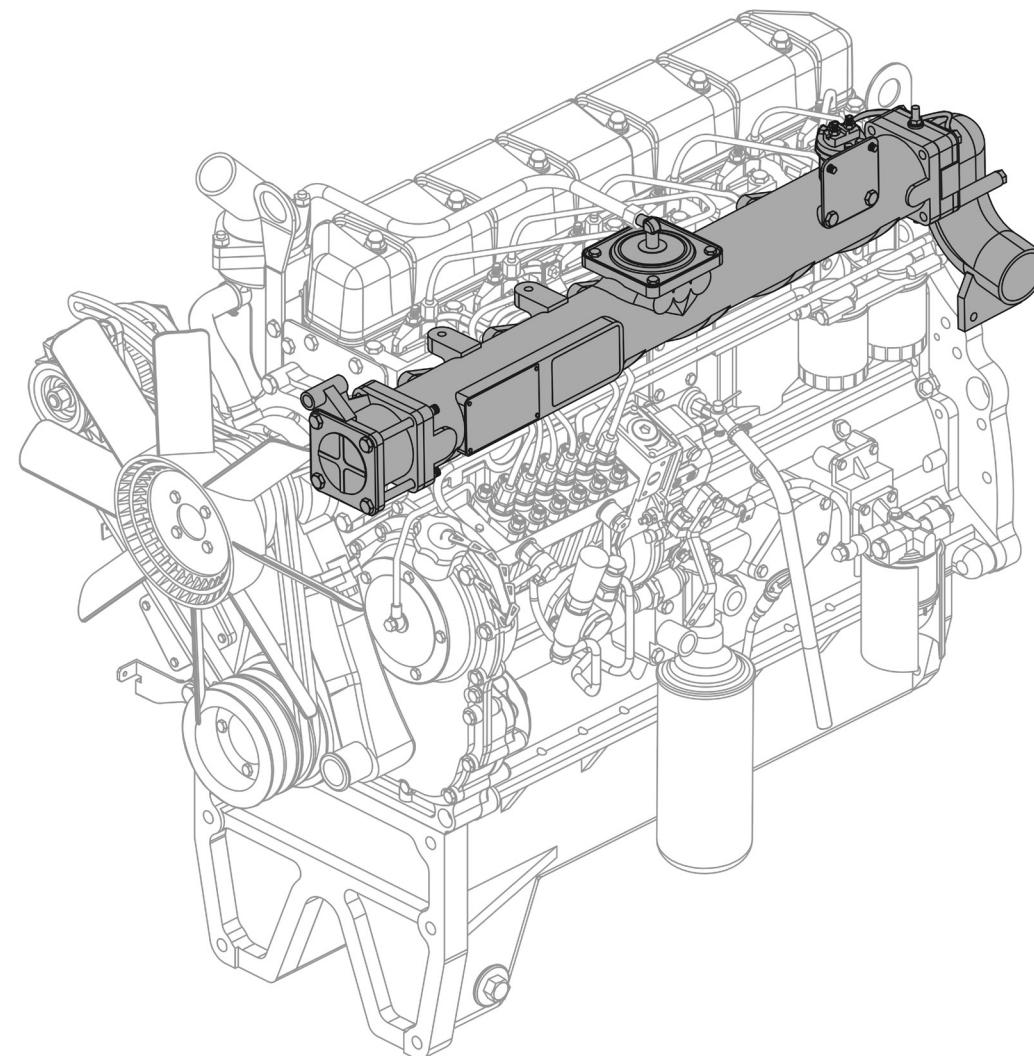
12 组 曲轴箱通风装置总成 (II) 12 Crankcase Ventilation Assy



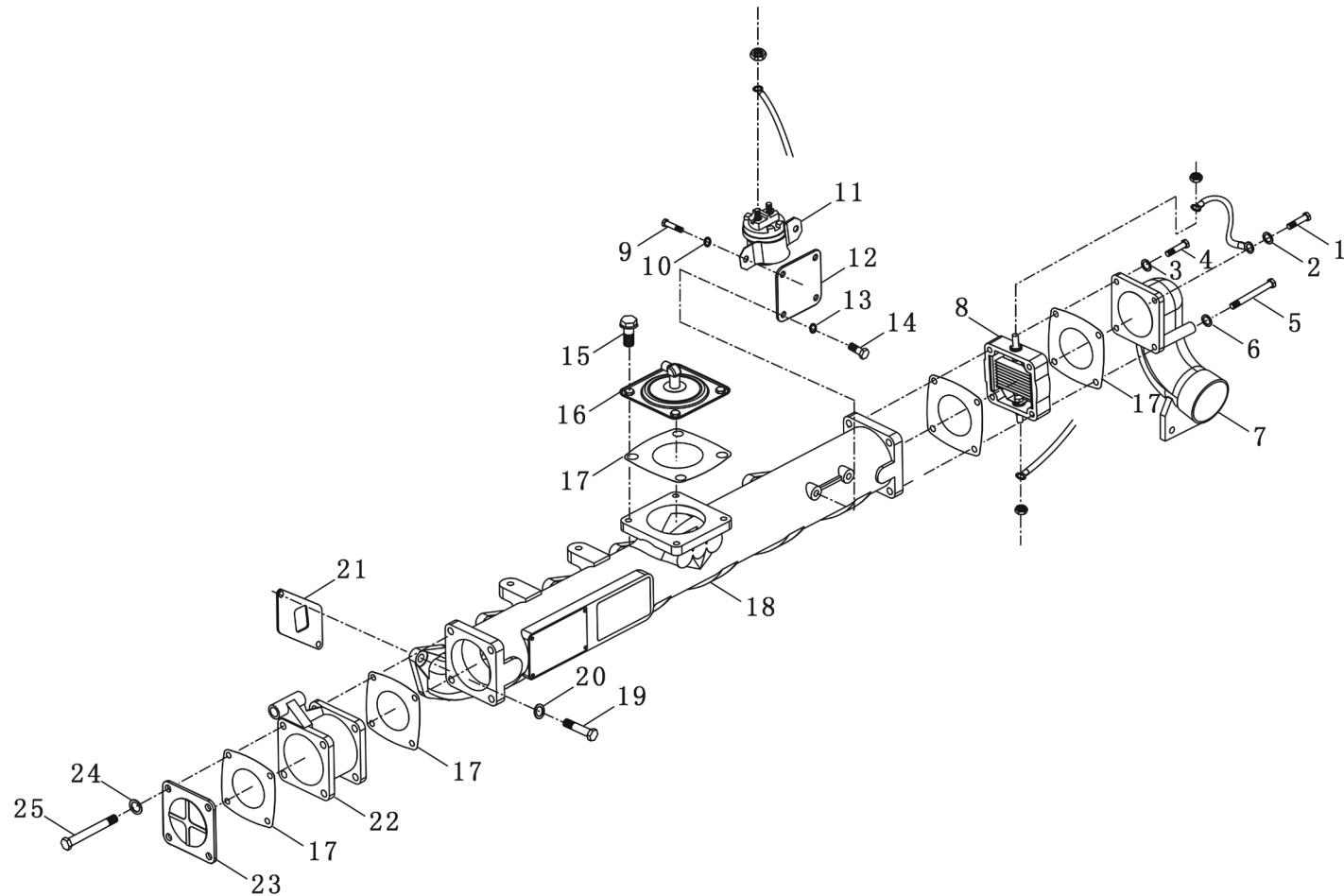
12 组 曲轴箱通风装置总成明细 12 Crankcase Ventilation Assy

序号 No.	零件名称 Part Name	零件代号 Drawing No	数 量 Qty.	备注 Remarks
1	分油器与后推杆室盖 部件	Oil-air separator and rear push rod Chamber cover assy	6RT III .120100-2FE	1
2	卡箍	Hoop	JK1A/22-35	1
3	通风排气管	Exhaust pipe,ventilation	6A3-T73.120007	1
4	夹片	Clamp	6RQ.120023-1	1
5	碳钢喉箍 d19/13-19	Hoop d19/13-19	JB/T8870	2
6	曲轴箱通风回油管	Upper oil return pipe,crankcase	R.120001-2	1

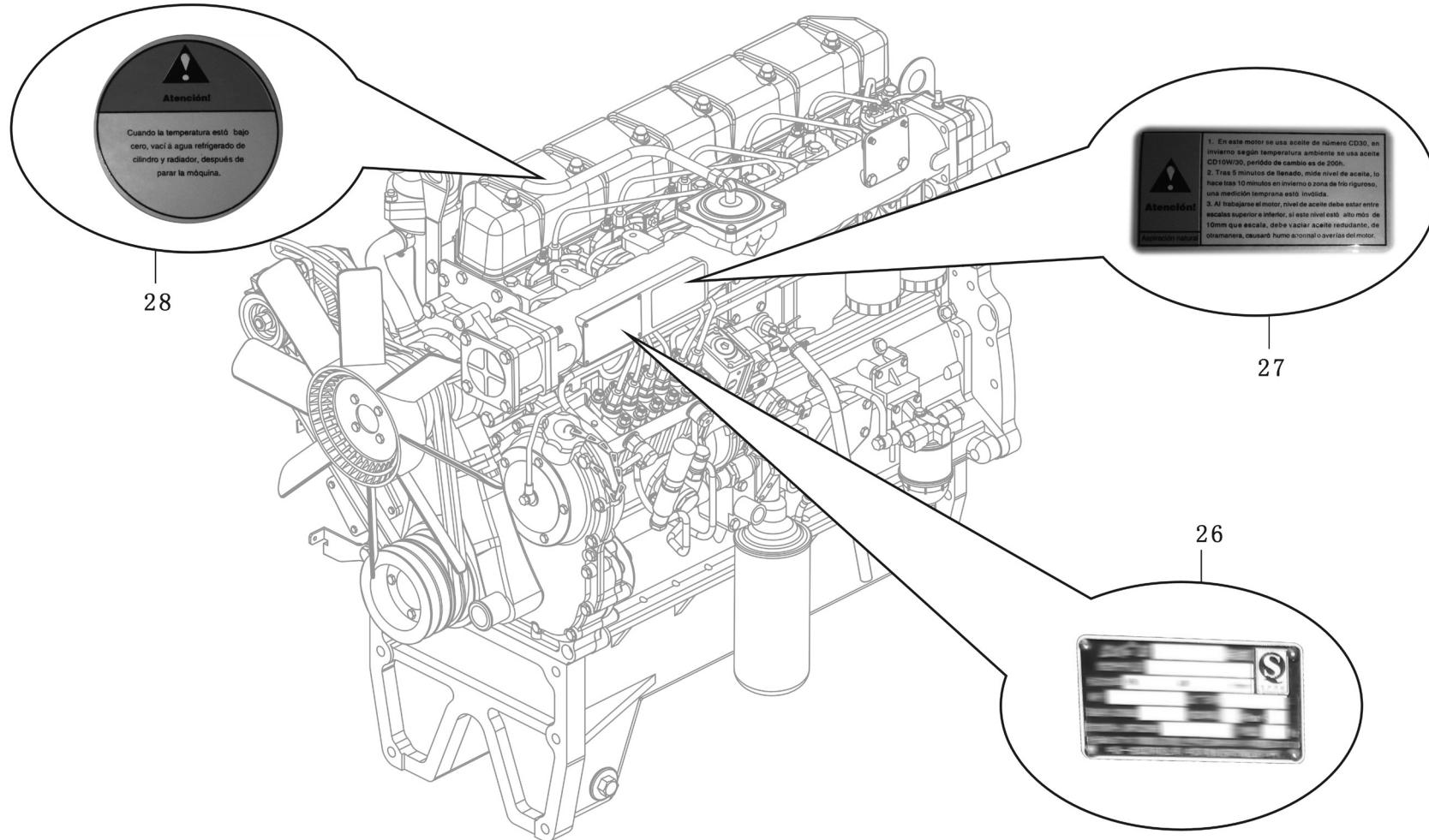
22 组 进气管总成 (I) 22 Intake Tube Assy



22 组 进气管总成 (II) 22 Intake Tube Assy



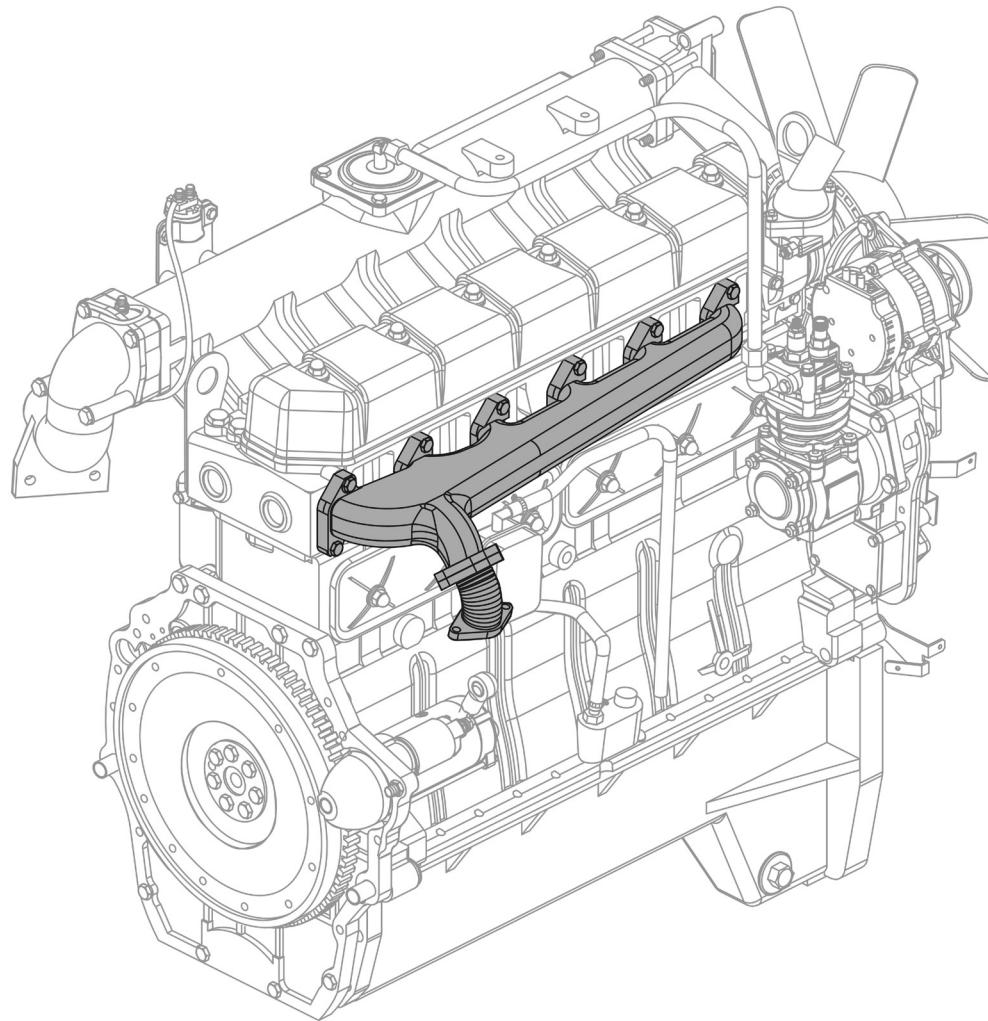
22 组 进气管总成 (III) 22 Intake Tube Assy
铭牌 Nameplate



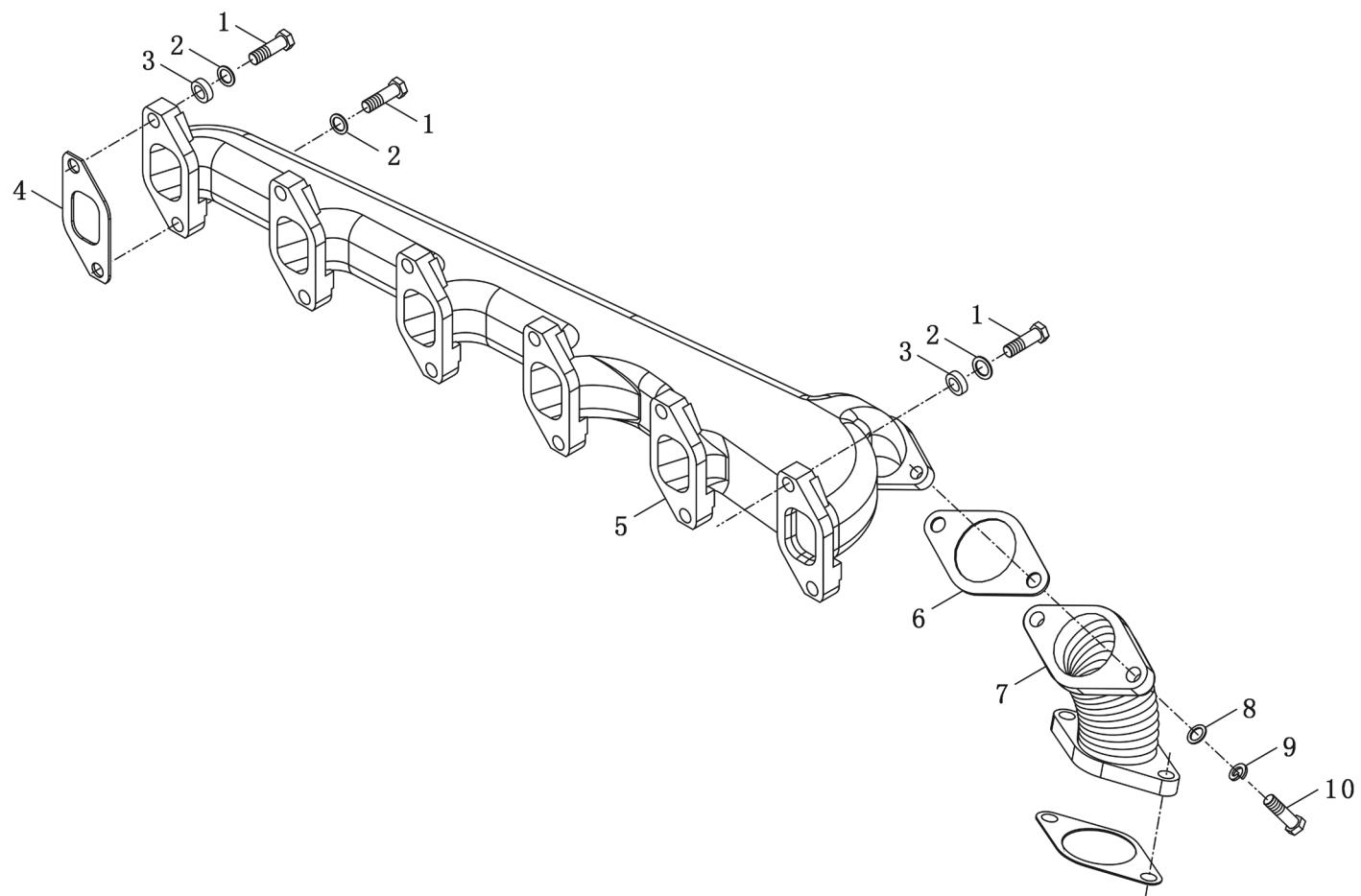
22 组 进气管总成明细 22 Intake Tube Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	螺栓 M10*70-8.8-Zn.D	Bolt M10*70-8.8-Zn.D	GB22	1	
2	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	1	
3	垫圈 10	Spring washer 10	GB/T93	1	
4	螺栓 M10*75-8.8-Zn.D	Bolt M10*75-8.8-Zn.D	GB22	1	
5	螺栓 M10*140-Zn.D	Bolt M10*140-Zn.D	GB/T5782	2	
6	垫圈 10	Spring washer 10	GB/T93	2	
7	进气连接管	Connecting tube,air intake	6RBAT51.220005	1	
8	电加热器	Electric heater	LR61051210	1	
9	螺栓 M6*12-8.8-Zn.D	Bolt M6*12-8.8-Zn.D	GB21	2	
10	垫圈 6	Spring washer 6	GB/T93	2	
11	继电器	Relay	JD131Z	1	
12	继电器支架	Relay support	6RBZT52.220011	1	
13	垫圈 10	Spring washer 10	GB/T93	2	
14	螺栓 M10*20-8.8-Zn.D	Bolt M10*20-8.8-Zn.D	GB21	2	
15	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	GB21	4	
16	盖板焊接合件	Cover plate weldment	6RG35.710530	1	
17	进气管盖板垫片	Cover gasket ,air intake manifold	6RQ.220002	5	
18	进气管	Air intake manifold	6R.220001	1	
19	螺栓 M10*35-8.8-Zn.D	Bolt M10*35-8.8-Zn.D	GB21	12	
20	垫圈 10	Spring washer 10	GB/T93	12	
21	进气歧管垫片	Air intake manifold gasket	R.220003	6	
22	压缩机支架	Compressor bracket	6RT12.220011	1	
23	进气管盖板	Cover ,air intake manifold	6RT8.220007	1	
24	垫圈 10	Spring washer 10	GB/T93	4	
25	螺栓 M10*110-8.8-Zn.D	Bolt M10*110-8.8-Zn.D	GB22	4	
26	标牌	Signs	LR.220009FE-21	1	
27	加油须知牌	Gas information card	RC.220007-FE	1	
28	高温防烫警示标签	High temperature anti hot warning labels	RT.11JSFE	1	

23 组 排气管总成 (I) 23 Exhaust Tube Assy



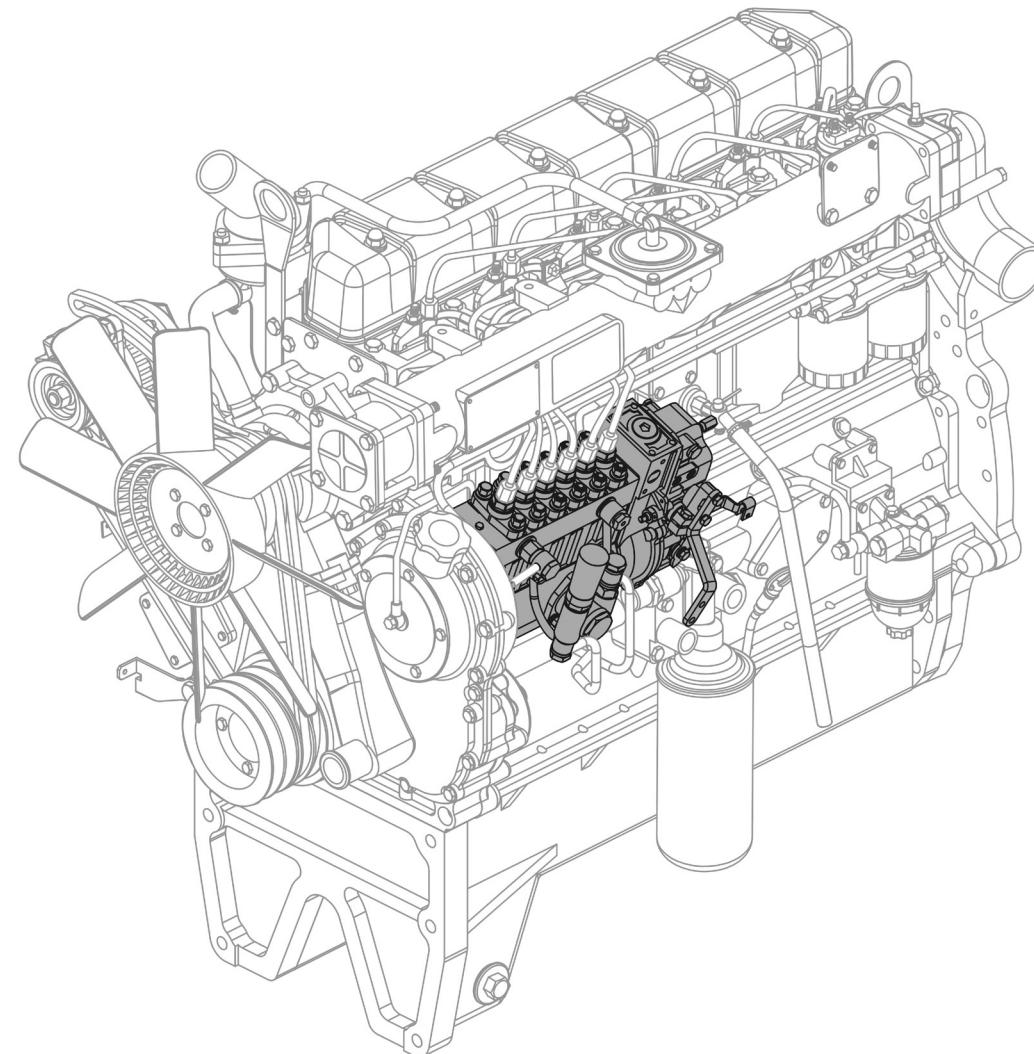
23 组 排气管总成 (II) 23 Exhaust Tube Assy



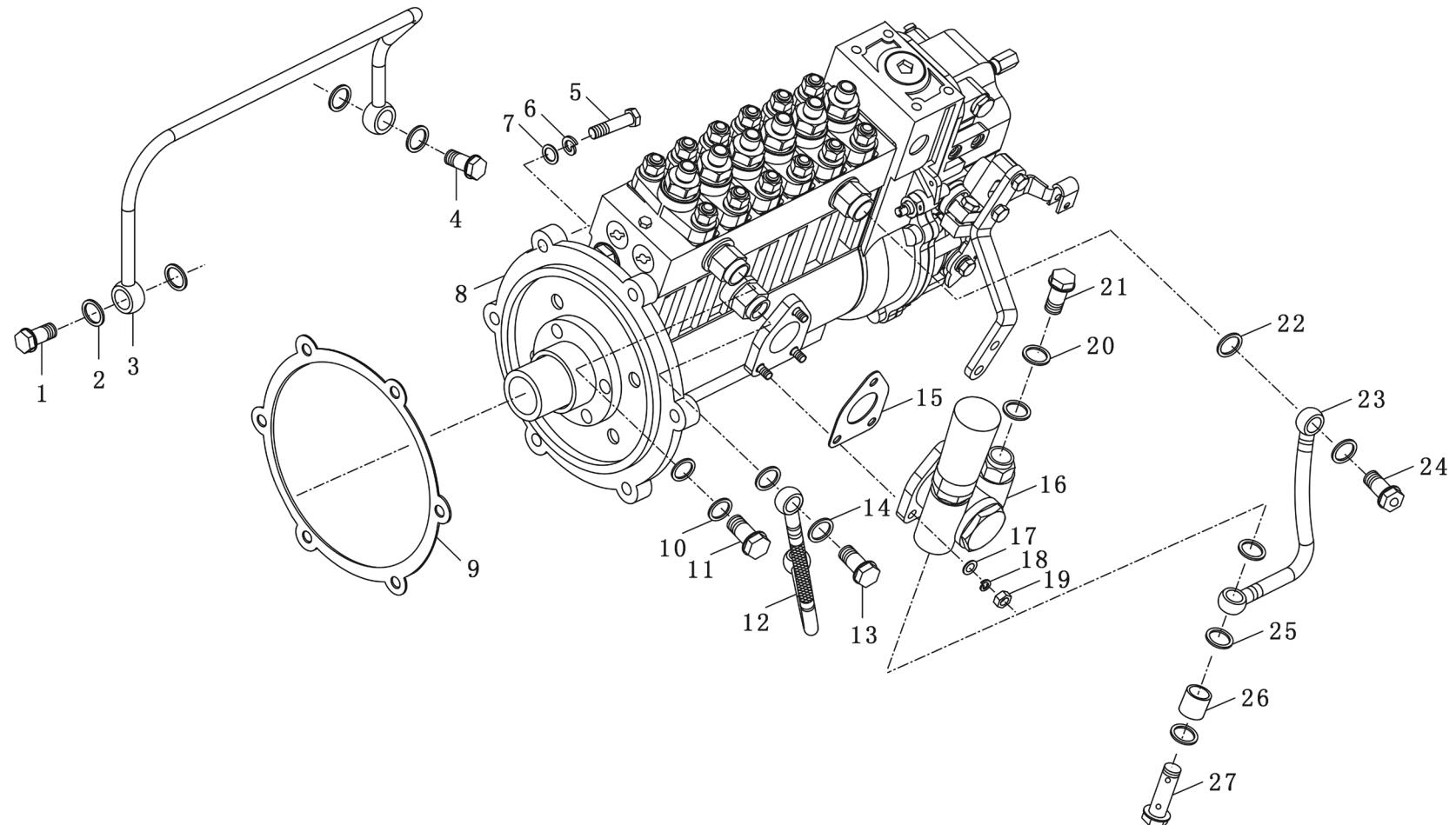
23 组 排气管总成明细 23 Exhaust Tube Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	螺栓 M10*35-8.8-Zn.D	Bolt M10*35-8.8-Zn.D	GB21	12	
2	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	12	
3	垫块	Cushion block	RT.620005FE	2	
4	排气歧管垫片	Gasket,exhaust manifold	R.230002A	1	
5	排气管	Exhaust tube	6RBT52.230001 喷漆	1	
6	膨胀接管垫片	Expansion pipe gasket	6RBT52.230002	2	
7	膨胀接管	Expansion pipe	6RBT52.230100	1	
8	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	2	
9	垫圈 10	Spring washer 10	GB/T93	2	
10	螺栓 M10*25-8.8-Zn.D	Bolt M10*25-8.8-Zn.D	GB21	2	

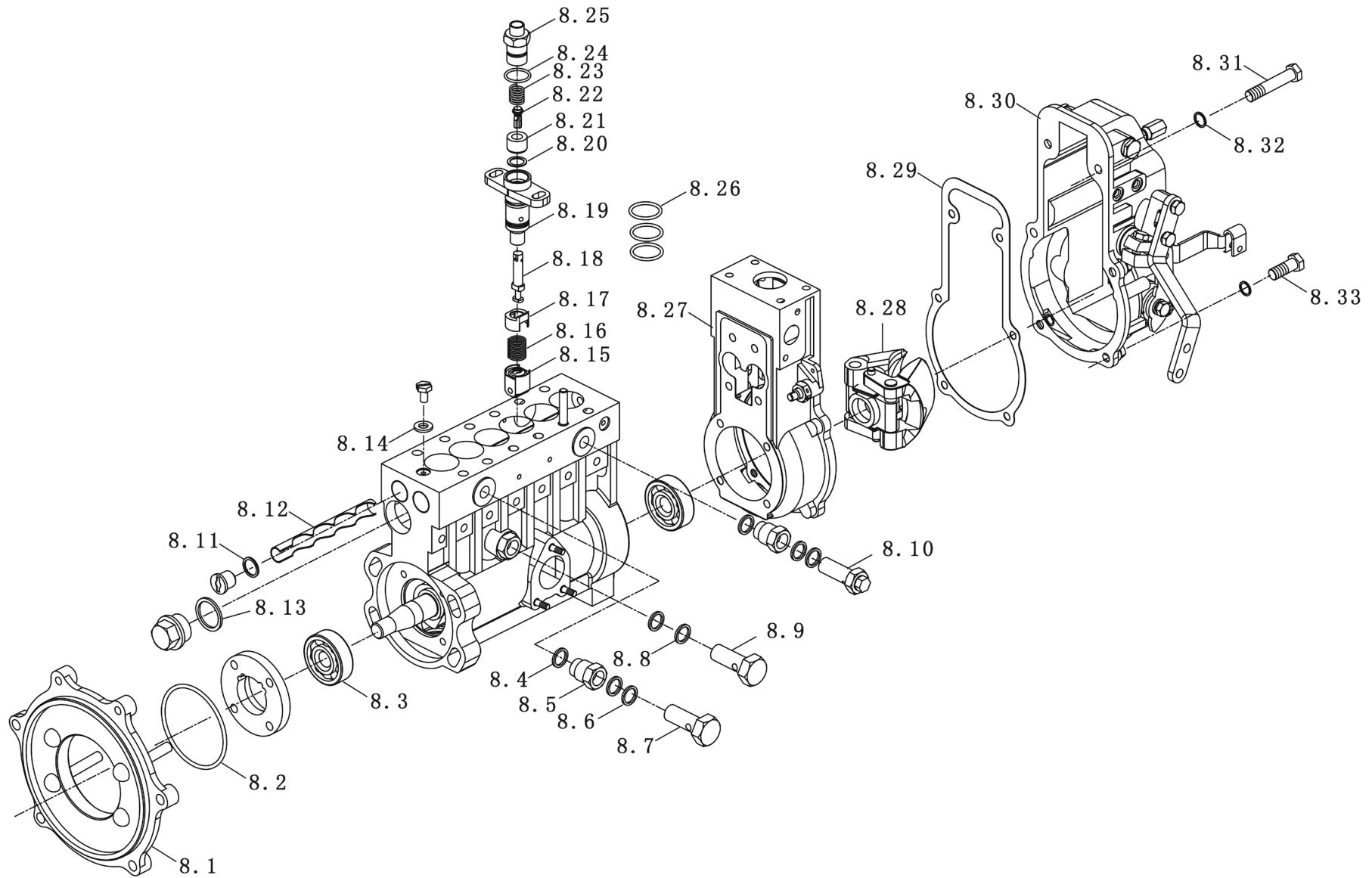
31 组 喷油泵安装总成 (I) 31 Fuel Injection Pump Installation assy Assy



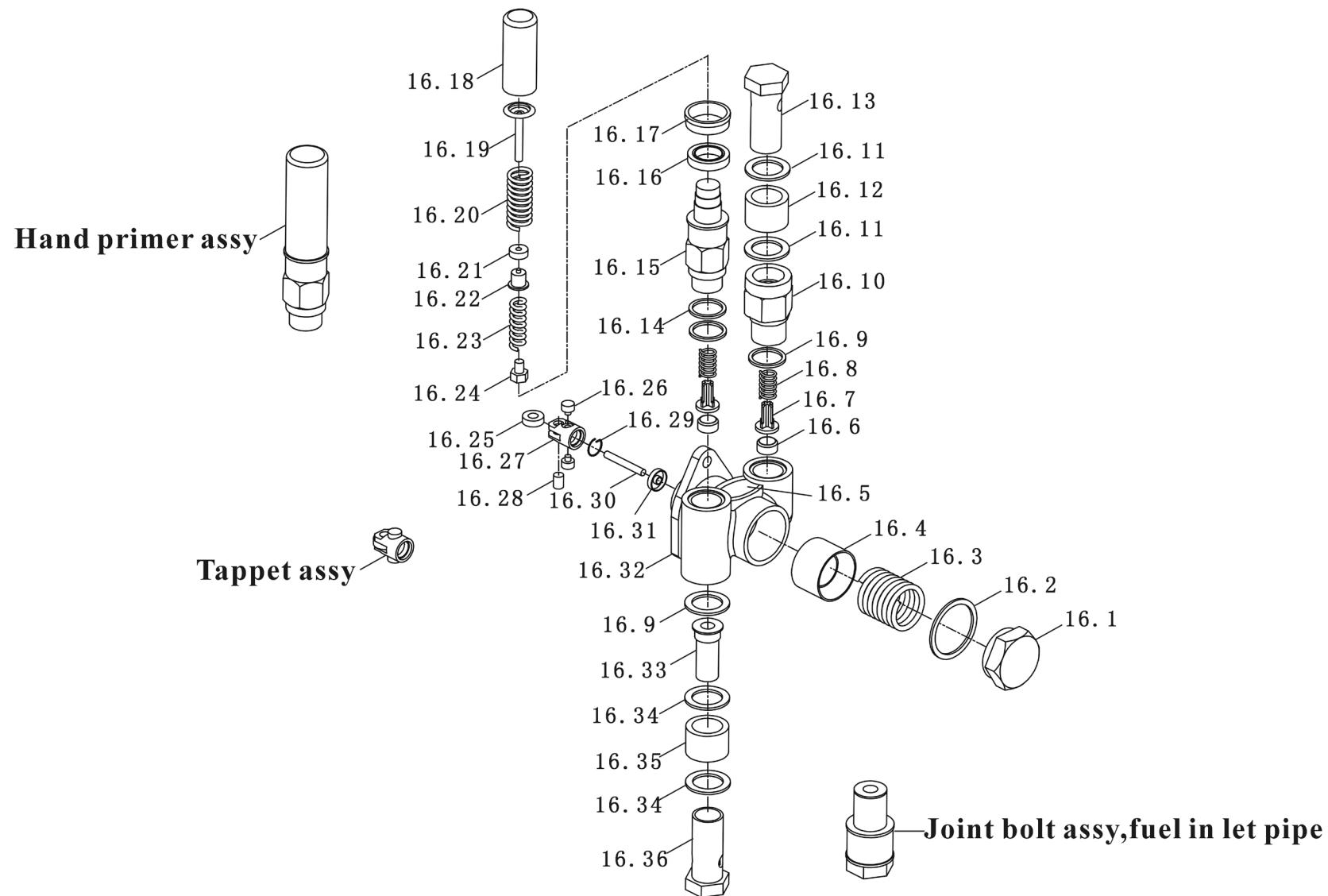
31 组 喷油泵安装总成 (II) 31 Fuel Injection Pump Installation assy Assy



31 组 喷油泵安装总成 (III) 31 Fuel Injection Pump Installation assy Assy



31 组 喷油泵安装总成 (IV) 31 Fuel Injection Pump Installation assy Assy



31 组 喷油泵安装总成明细 31 Fuel Injection Pump Installation assy Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	润滑油管螺钉	Lubricating oil pipe screw	54.18.432	1	
2	垫片	Washer	4A.310002FE	4	
3	提前器润滑油管	Advance machine lubricating oil pipe	6RZQ55.310400FE	1	
4	润滑油管螺钉	Lubricating oil pipe screw	54.18.432	1	
5	螺栓 M10*35-8.8-Zn.D	Bolt M10*35-8.8-Zn.D	GB21	6	
6	垫圈 10	Spring washer 10	GB/T93	6	
7	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	6	
8	喷油泵	Fuel injection pump	BH6PYD105Y571BF	1	
8.1	喷油泵联结板装配部件	Fuel injection pump joint board	P6B-00-090	1	
8.2	O型密封圈 85*3.1	O-rubber sealing ring 85*3.1	Q/YT020.2	1	
8.3	轴承 7025E	Bearing 7025E	GB297-84	2	
8.4	垫圈	Copper washer	YB40A-01-008	2	
8.5	进回油接头座	Pipe joint	BK.6BB010-025-1	2	
8.6	进回油接头组合垫圈	Copper washer	BK.16-006-1A	4	
8.7	转向管接头螺栓	Screw,pipe	BK.16-110-1	1	
8.8	垫圈	Copper washer	BII-049	2	
8.9	润滑油进油螺钉	Small hexangular bolt	P4B202-00-011	1	
8.10	回油阀	Overflow fuel valve assembly	BK.BD-030	1	
8.11	垫圈	Copper washer	YB40A-01-006	4	
8.12	挡油圈	Oil deflector	P6B-00-002	2	
8.13	垫圈	Copper washer	YB40A-00-007	1	
8.14	定位螺钉组合垫圈	Copper washer	BII-084	2	
8.15	挺柱体部件	Tappet body assembly	YB40A-07	4	
8.16	柱塞弹簧	Plunger spring	BK.YB40D-00-008	1	
8.17	弹簧上座	Upper seat,plunger spring	YB40A-00-009	4	
8.18	柱塞	Plunger	YU40A-00-001-I	4	
8.19	柱塞套	Plunger barrel	BK.YU40D-00-002-II	4	
8.20	出油阀垫圈	Sealing washer	BK.YB40D -02-001	4	
8.21	出油阀	Delivery valve	YF40A-00-001- I	4	

31 组 喷油泵安装总成明细 31 Fuel Injection Pump Installation assy Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
8.22	出油阀座	The oil valve seat	YF40A-00-002	4	
8.23	出油阀弹簧	Spring,delivery valve	YB40A-02-005	4	
8.24	O型密封圈 15*2.65	O-rubber sealing ring 15*2.65	GB/T3452.1-1992	4	
8.25	出油阀紧座	Joint,delivery valve	BK.YB40A-02-002A	4	
8.26	O型密封圈	O-rubber sealing ring	YB40A-02-006	4	
8.27	调速器壳合件	Governor housing assy	TB91-010	1	
8.28	飞锤支架总成	Fly hammer assy	TB60-070	1	
8.29	调速器壳垫片	Washer	TB10-117	1	
8.30	调速器后壳总成	Governor cover assy	TB90-060	1	
8.31	螺栓 M6*45	Bolt M6*45	GB/T29.1-1988	2	
8.32	垫圈 6	Spring washer 6	GB/T859-1987	6	
8.33	螺栓 M6*25	Bolt M6*25	GB/T65-2000	4	
9	喷油泵联接板垫片	Fuel injection pump connection plate gasket	LR.310001	1	
10	垫片	Washer	BK.16-006-1A	2	
11	转向管接头螺栓	Steering pipe joint bolt	BK.16-110-1	1	
12	油泵润滑油管	Lubricating oil pump	6RZLD58.310001FE-3	1	
13	进油螺钉	Oil inlet bolt	BK.16-110-1	1	
14	垫片	Washer	BII-049	2	
15	输油泵垫片	Oil transfer pump gasket	BKII-019B	1	
16	输油泵	Feed pump	S0120B	1	
16.1	螺塞	Screw plug	SP/HF2205.5-00-009	1	
16.2	O形圈	O-rubber sealing ring	SP/HF2205.5-00-008	1	
16.3	活塞弹簧	Piston spring	SP/HF2205.5-00-007	1	
16.4	活塞	Fuel supply pump piston	SP/HF2205.5-00-006	1	
16.5	铭牌	Designation strip	SI/HZ2204A-00-001	1	
16.6	止回阀座	Check valve seat	SP/HF2205.5-01-005	2	
16.7	止回阀	Check valve	SP/HF2206-00-002	2	
16.8	止回阀弹簧	Check valve spring	SP/HF2205.5-00-010	2	
16.9	垫片	Washer	SP/HF2205.5-00-003	3	

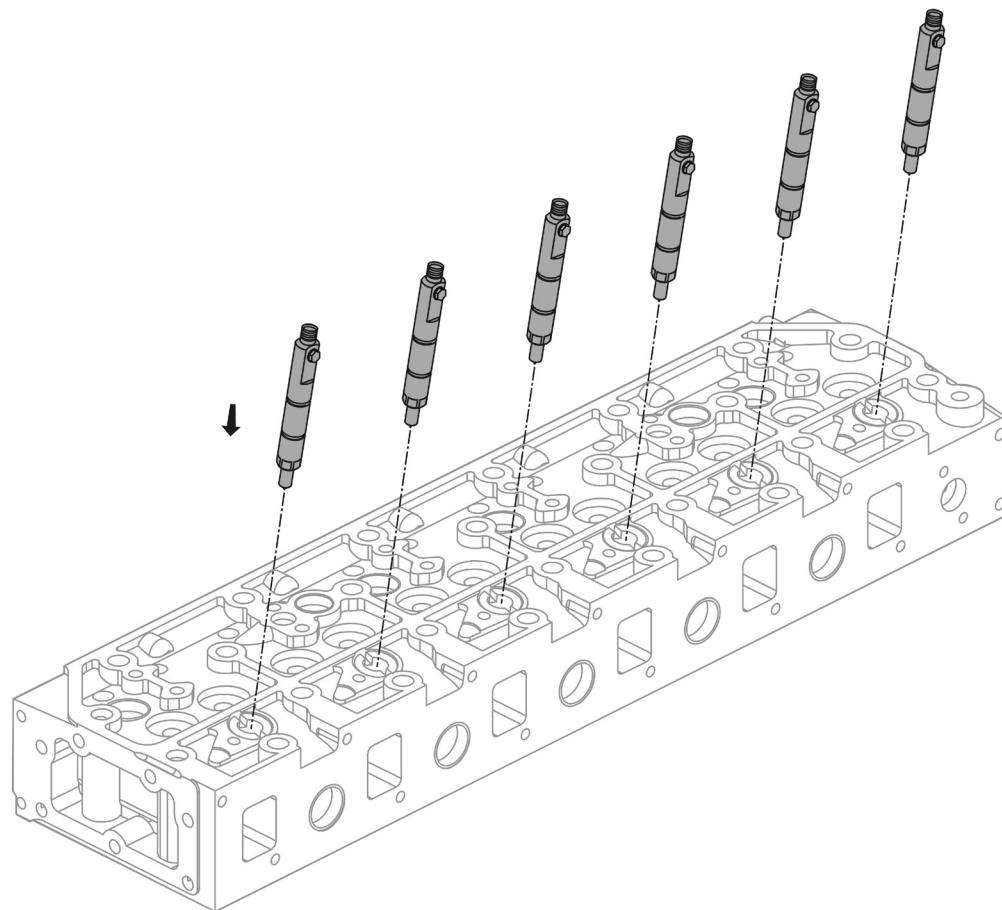
31 组 喷油泵安装总成明细 31 Fuel Injection Pump Installation assy Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
16.10	出油接头	Delivery pipe joint chair	SAD/H2206-00-001	1	
16.11	垫片	Washer	SP/HF2205.5-02-001	2	
16.12	防污圈	Protecting sleeve	SP/HF2205.5-02-002	1	
16.13	出油螺钉	Joint bolt,fuel outlet pipe	SP/HF2205.5-02-003	1	
	手压泵部件	Hand primer assy	SY2023A1	1	
16.14	封口圈	Sealing ring	SYB2224A2-00-08	1	
16.15	手泵接头	Hand primer joint chair	SYB2220A2-00-04	1	
16.16	双唇口密封圈	Reinforced oil seal	SYB2224A2-00-07	1	
16.17	导向套	Guide sleeve	SYB2224A2-00-06	1	
16.18	压油套	Cylinder	SYB2220A2-00-03	1	
16.19	顶杆部件	Knockout pin assy	SYB2220A2-00-01	1	
16.20	手泵弹簧	Return spring	SYB2220A2-00-02	1	
16.21	阀座	Valve seat	SYB2220A2-00-04	1	
16.22	单向阀	Check valve	SYB2224A2-00-05	1	
16.23	单向阀弹簧	Check valve spring	SYB2220A2-00-05	1	
16.24	弹簧下座	Spring seat	XYSYB-20-2	1	
	滚轮体部件	Tappet assy	SI/HZ2204A-02	1	
16.25	滚轮	Roller	SI/HZ2204A-02-003	1	
16.26	滚轮体	Tappet	SI/HZ2204A-02-002	1	
16.27	滑块	Slid rod	SI/HZ2204A-02-001	2	
16.28	滚轮销	Pin	SI/HZ2204A-02-004	1	
16.29	锁圈	Wire loop	SP/HF2205.5-00-011	1	
16.30	顶杆	Push rod	SI/HZ2204A-01-002	1	
16.31	油封	Reinforced oil seal	SP/HF2205.5-01-003	1	
16.32	泵体	Fuel supply pump housing	SI/HZ2204A-01-001	1	
	进油管螺钉部件	Joint bolt assy,fuel inlet pipe	SP/HF2205.5-04	1	
16.33	进油滤网	Filter screen	SP/HF2205.5-04-002	1	
16.34	垫片	Washer	SP/HF2205.5-02A-001	2	
16.35	防污圈	Protecting sleeve	SP/HF2205.5-02-002	1	

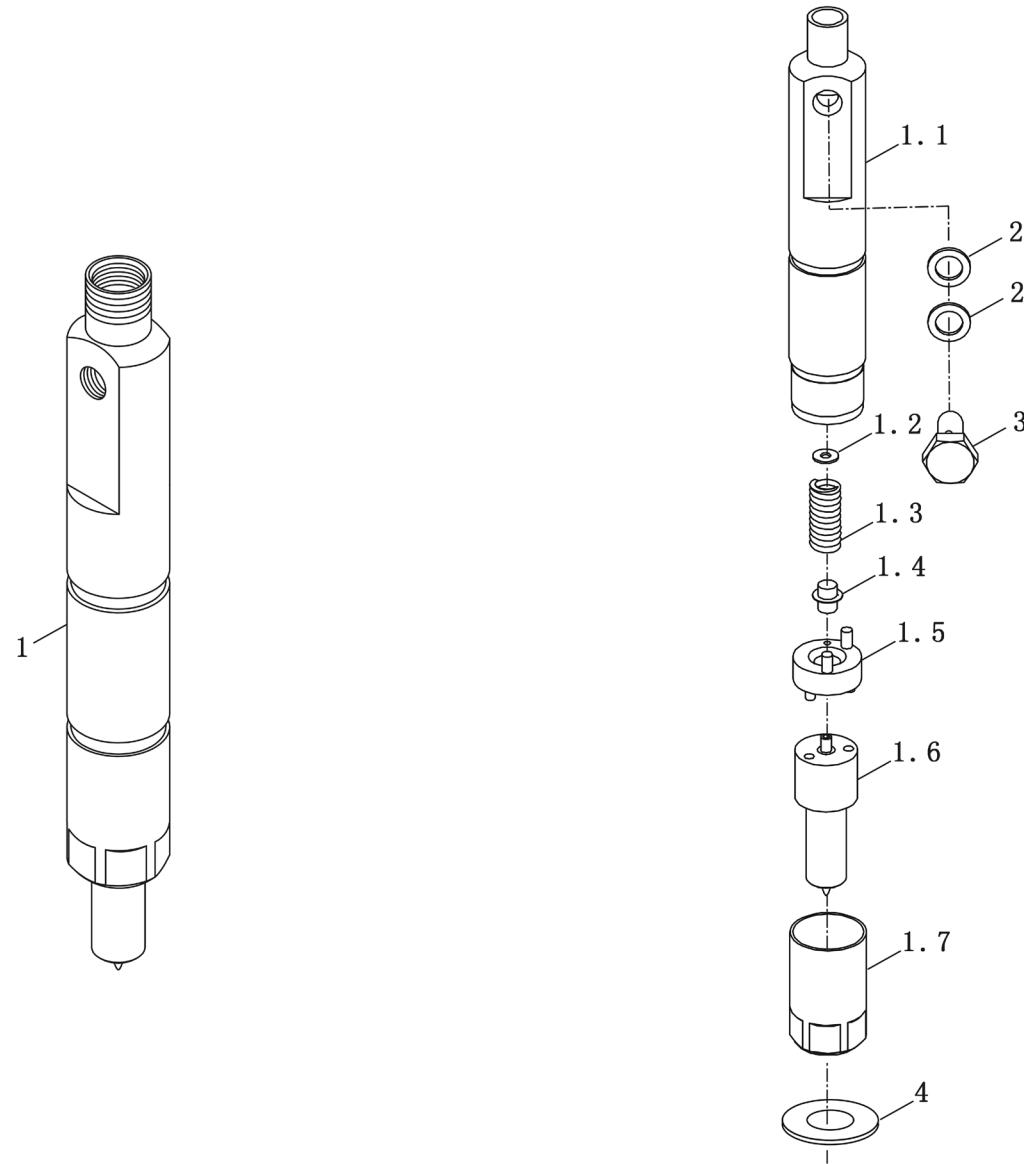
31 组 喷油泵安装总成明细 31 Fuel Injection Pump Installation assy Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
16.36	进油螺钉	Joint bolt	GB52	3	
17	垫片 6-140HV-Zn.D	Washer 6-140HV-Zn.D	GB/T848	3	
18	垫圈 6	Spring washer 6	GB/T93	3	
19	螺母 M6	Nut M6	GB52	3	
20	垫片	Washer	SP/HF2205.5-02-001	2	
21	出油螺钉	Oil bolt	SP/HF2205.5-02-003	1	
22	垫圈	Washer	SP/HF2205.5-02A-001	2	
23	油泵油管	Oil pump tubing	6RBZT52.350500	1	
24	回油阀	Oil return valve	BK.BD-030	1	
25	垫片	Washer	SP/HF2205.5-02A-001	3	
26	防污圈	Antifouling ring	SP/HF2205.5-02-002	1	
27	进油螺钉	Oil inlet bolt	SP/HF2205.5-04A-001	1	

32 组 喷油器总成 (I) 32 Fuel Injector Assy



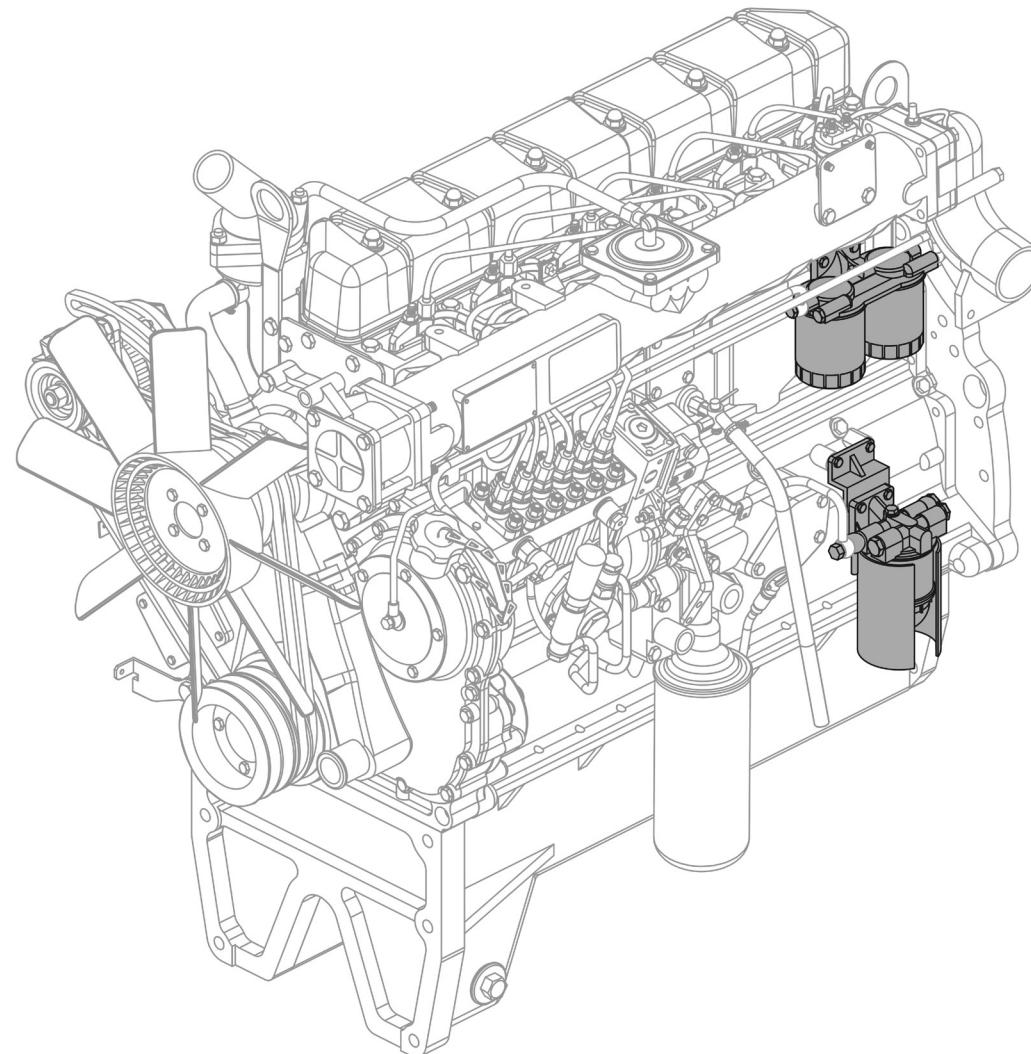
32 组 喷油器总成 (II) 32 Fuel Injector Assy



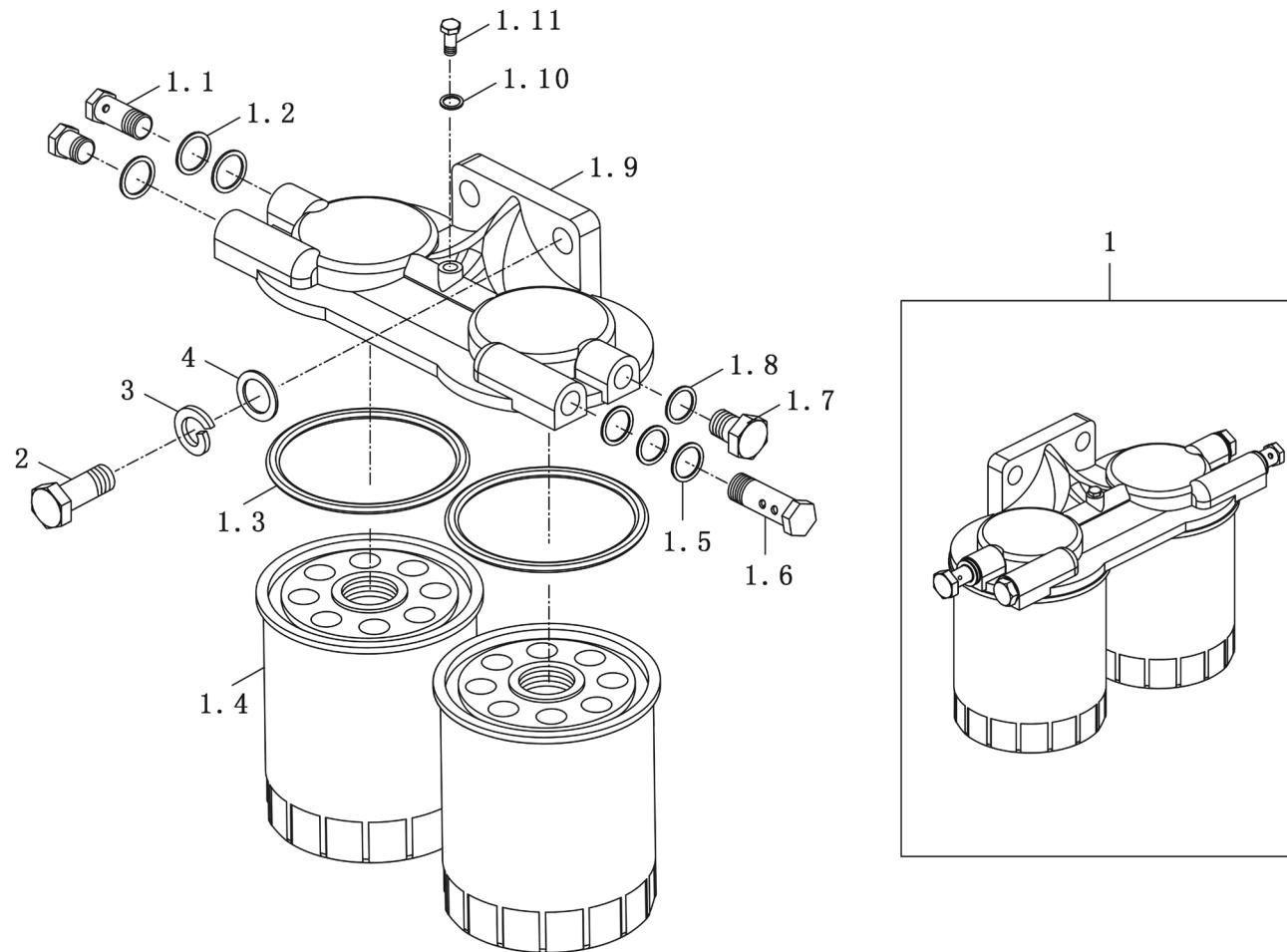
32 组 喷油器总成明细 32 Fuel Injector Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	喷油器总成	Fuel Injector Assy	PB84P30-004M	6	喷油器开启压力： 25-26.2 MPA Fuel injector opening pressure: 25-26.2 MPA
1.1	喷油器壳体	Injector shell	BK.PB85PL-31-001	6	
1.2	调压垫片	Regulating gasket	PB86J-00-029	6	
1.3	喷油器弹簧	Fuel valve spring	PB85PL-00-002A	6	
1.4	弹簧座	Spring seat	PB85PL-00-006	6	
1.5	联结板部件	Connection plate parts	PB85PL-00-010	6	
1.6	喷油嘴偶件	Diesel injector nozzle	BK.DLLA150P249-00	6	
1.7	喷油器螺母	Injector nut	PB85PL-00-004	6	
2	溢油管接头螺钉垫圈	Overflow pipe joint screw washer	RH.320002-FE	12	
3	溢油管螺钉	Overflow pipe screw	R.320005FE	6	
4	喷油器铜垫	Injector copper pad	R.320001FE	6	

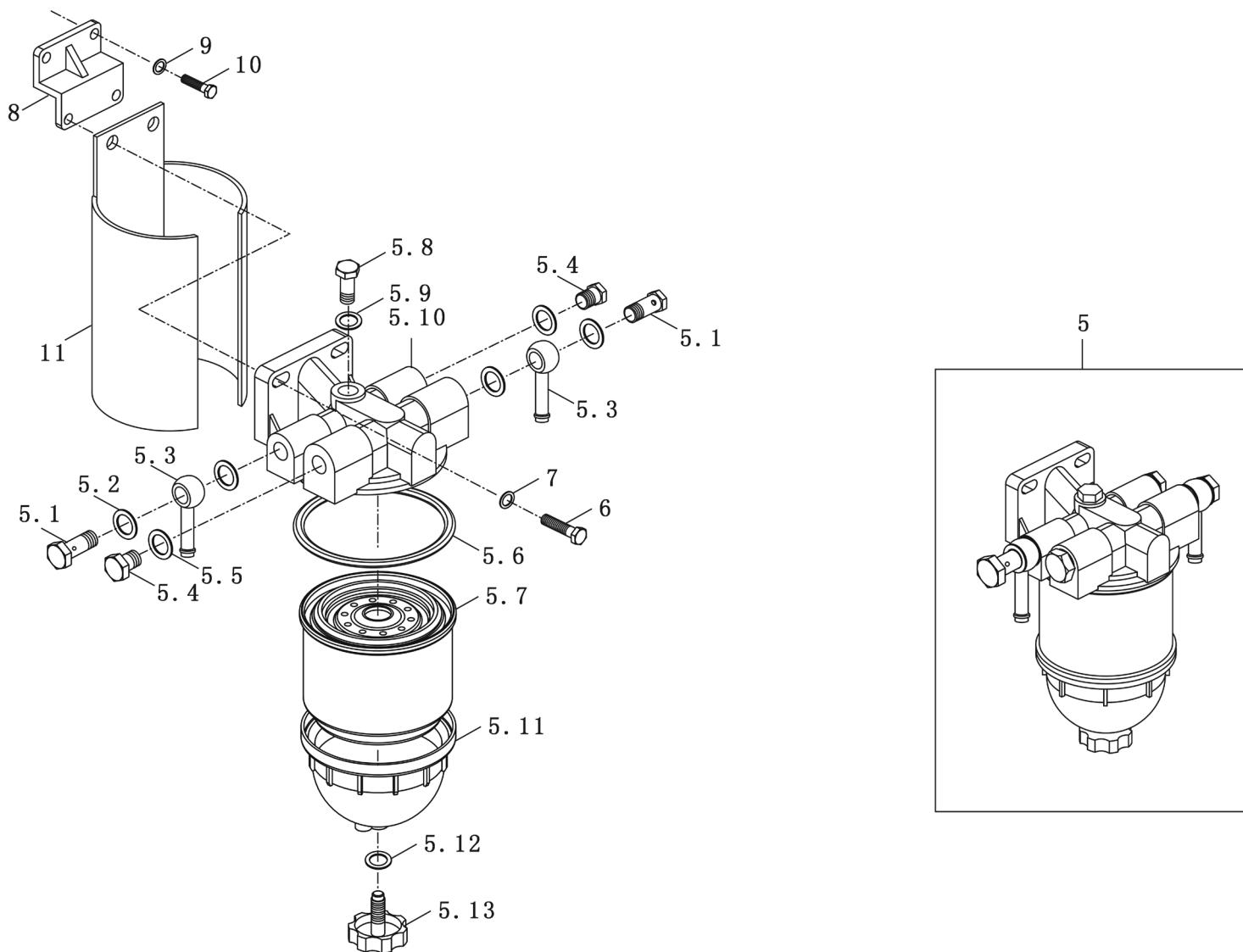
33 组 柴油滤清器总成 (I) 33 Fuel Filter Installation Assy



33 组 柴油滤清器总成 (II) 33 Fuel Filter Installation Assy



33 组 柴油滤清器总成 (III) 33 Fuel Filter Installation Assy
油水分离器总成 Oil-water separator Assy



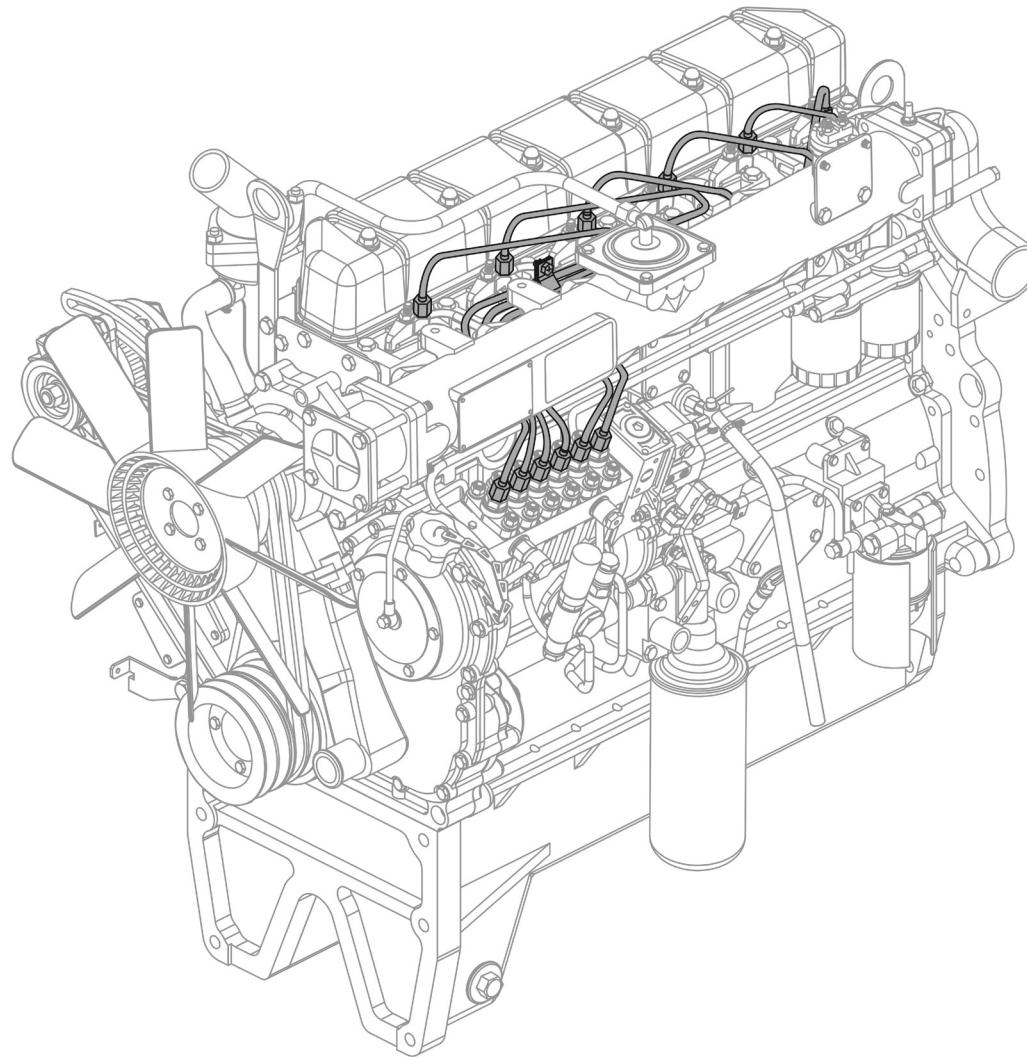
33 组 柴油滤清器总成明细 33 Fuel Filter Installation Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	柴滤总成	Fuel Filter Installation assembly	CX0810S	1	
1.1	单孔道出油螺栓	Single channel out oil bolt	CX07T-005	1	
1.2	复合垫圈 II	Composite gasket II	CX07T-004	2	
1.3	密封圈	Sealing ring	CX07T-104	2	
1.4	旋装式柴油滤清器	Rotary type diesel filter	CX0810	2	
1.5	复合垫圈 II	Composite gasket II	CX07T-004	3	
1.6	双孔道出油螺栓	Double channel out oil bolt	CX07T-006	1	
1.7	螺堵	Screw plug	QC/T376-1999	2	
1.8	复合垫圈 II	Composite gasket II	CX07T-004	2	
1.9	滤座	Fuel filter seat	CX0810S-001	1	
1.10	复合垫圈 I	Composite gasket I	CX07T-003	1	
1.11	放气螺塞	Air bleed screw plug	CX07T-002	1	
2	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	GB21	2	
3	垫圈 10	Spring washer 10	GB/T93	2	
4	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	2	
5	油水分离器总成	Oil-water separator assembly	DX3000	1	
5.1	管接头螺钉	Tube joint screw	DX800T-0002	2	
5.2	组合垫圈 16	Combination washer 16	FB3114(B) 型	4	
5.3	管接头	Tube joint	DX800T1-0001	2	
5.4	螺堵	Screw plug	DX800T-0004	2	
5.5	橡胶垫圈	Rubber washer	DX800T-0005	2	
5.6	O型密封圈	O-rubber sealing ring	CX1011A1-0002	1	
5.7	高效柴油水分离器总成	Efficient diesel oil water separator assembly	DX300TR1-0000	1	
5.8	放气螺塞	Air bleed screw plug	CRF1016T-0001	1	
5.9	橡胶垫圈	Rubber washer	CRF1016T-0002	1	
5.10	滤座分总成	Oil-water separator seat	CRF1016T-01000	1	
5.11	积水杯	Water cup	DX800T-0001	1	
5.12	密封垫	Gasket	CX0710B1-0004	1	

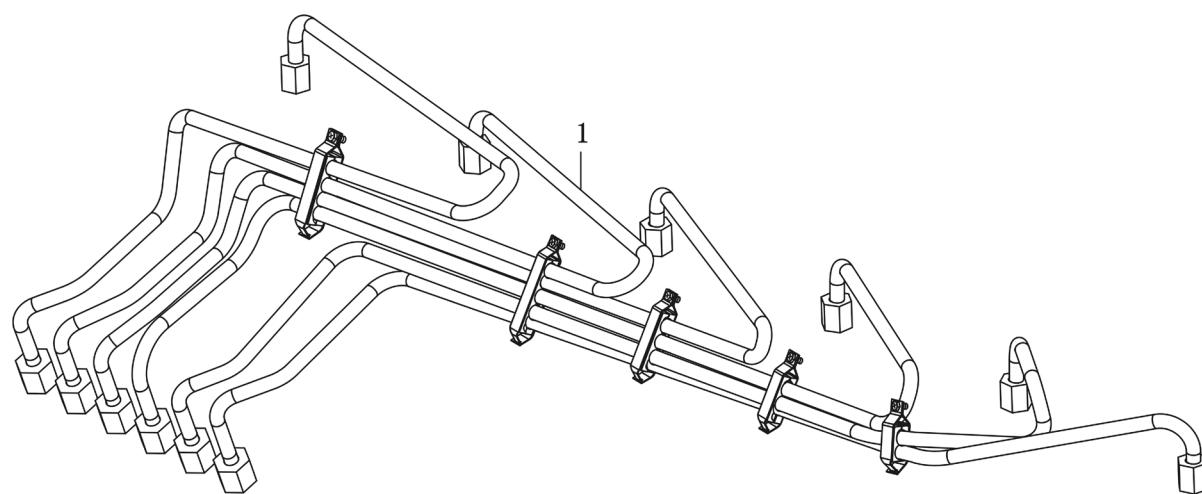
33 组 柴油滤清器总成明细 33 Fuel Filter Installation Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
5.13	放水螺塞	Drain plug	CX0710B1-0005	1	
6	螺栓 M10*35-8.8-Zn.D	Bolt M10*35-8.8-Zn.D	GB21	2	
7	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	2	
8	油水分离器支架	Oil-water separator support	4RT7.330001	1	
9	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	2	
10	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	GB21	2	
11	油水分离器护罩	Oil-water separator shield	SZ1204.50.102	1	

34 组 高压油管总成 (I) 34 Fuel Injection Pipes Assy



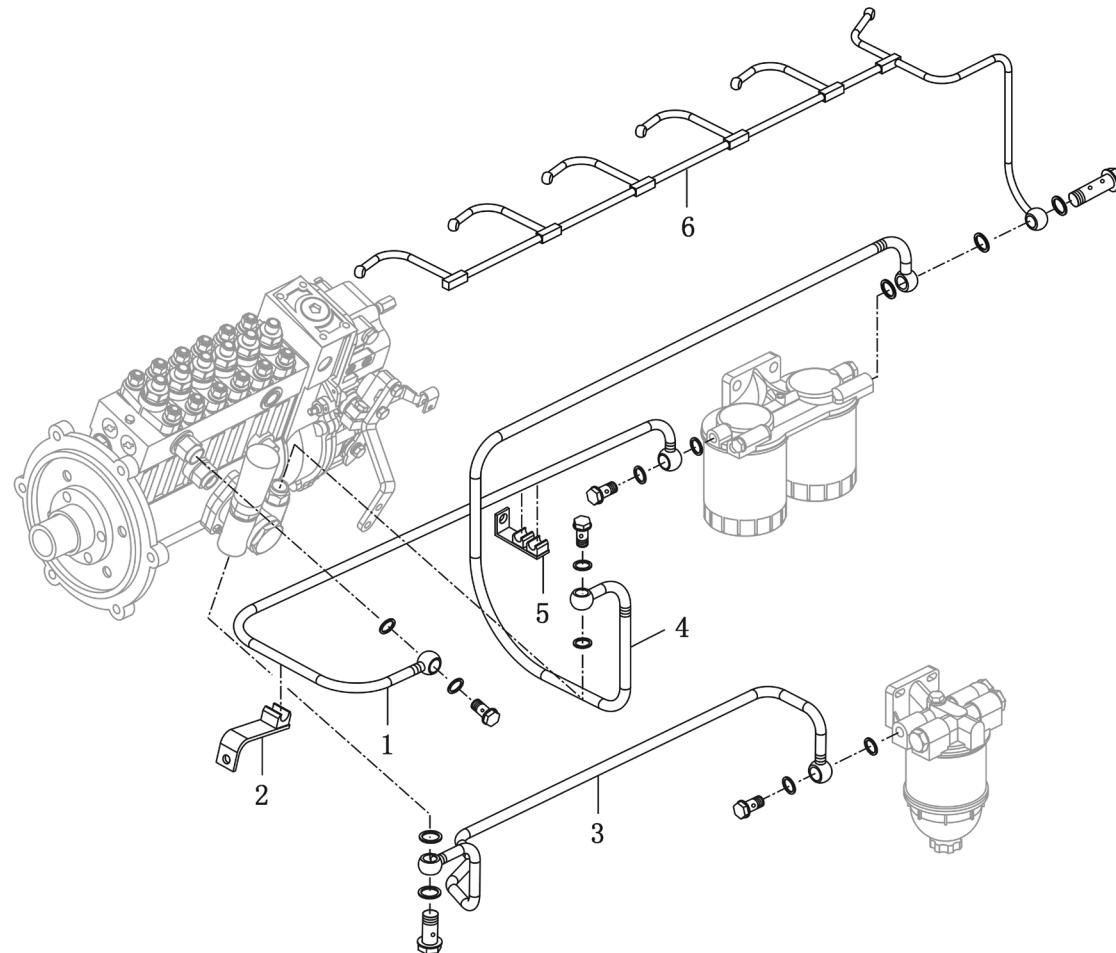
34 组 高压油管总成 (II) 34 Fuel Injection Pipes Assy



34 组 高压油管总成明细 34 Fuel Injection Pipes Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数 量 Qty.	备注 Remarks
1	高压油管部件	High-pressure tubing parts	6PY.340000FE	1	

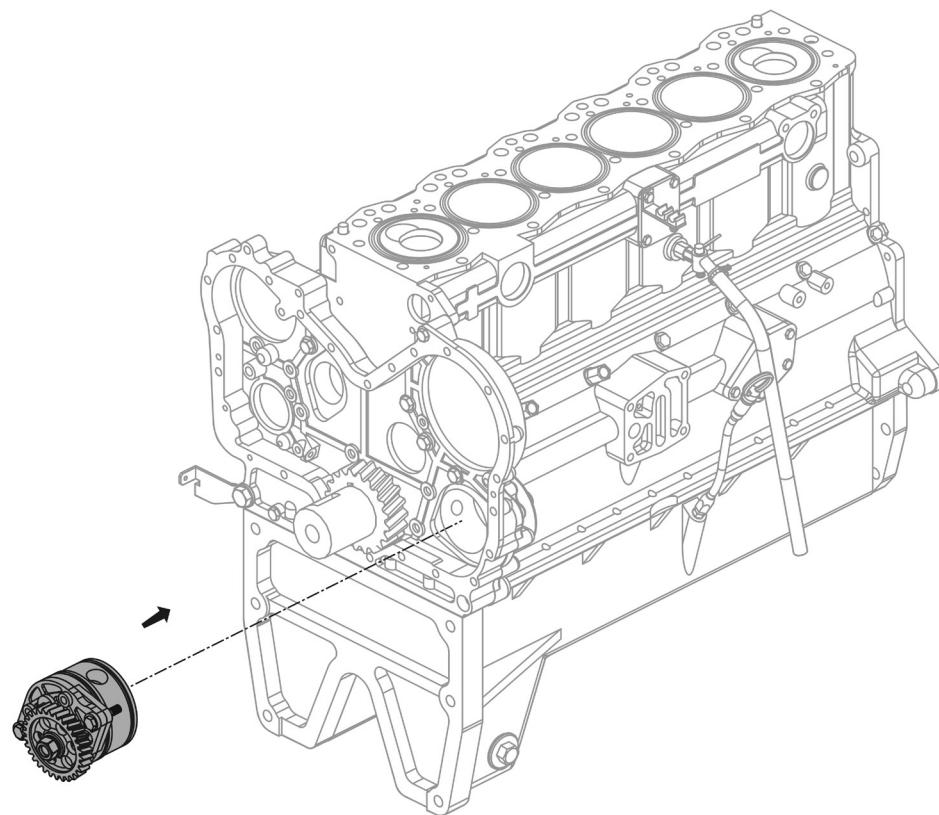
35 组 低压油管总成 35 Fuel Low Pressure Pipes Installation Assy



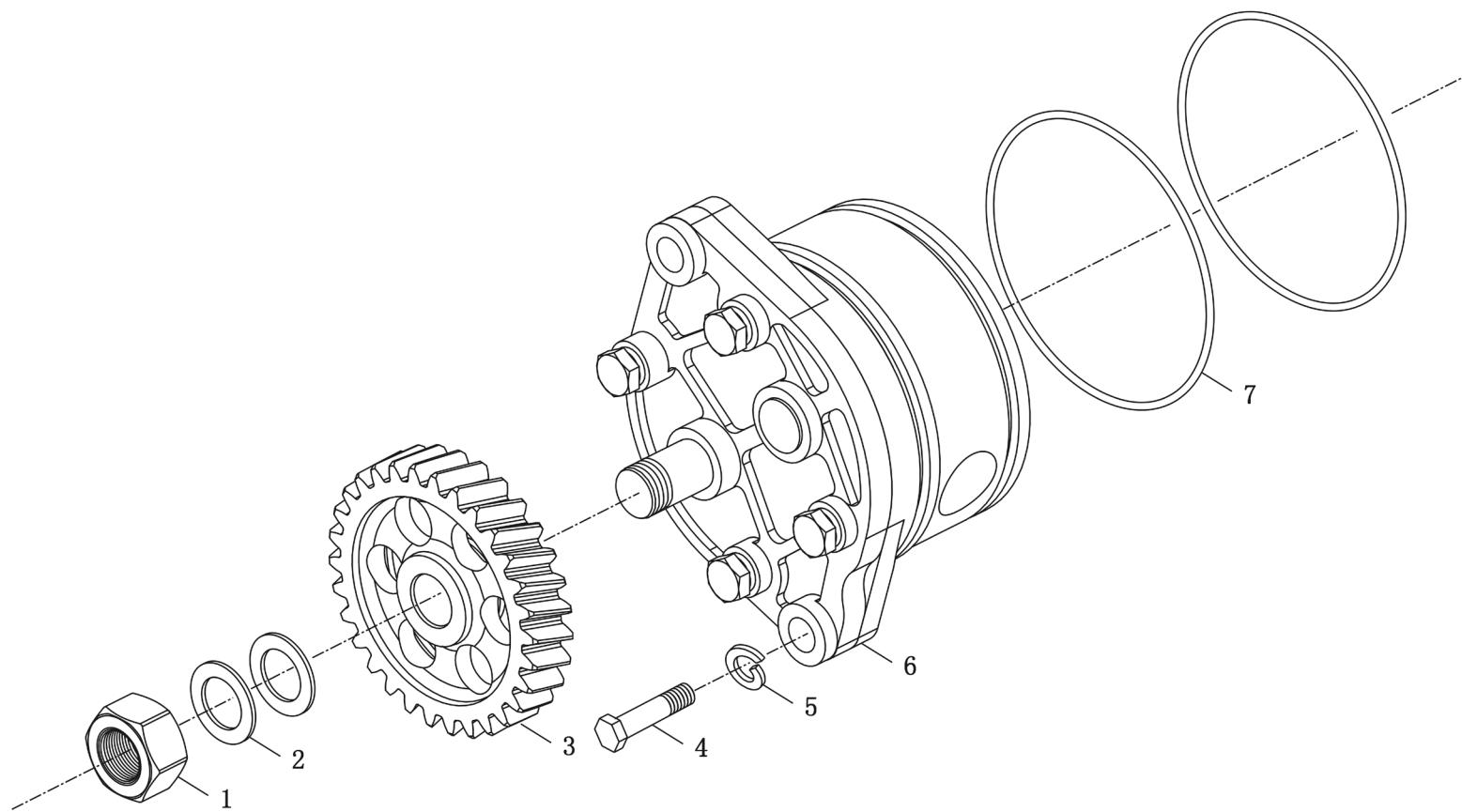
35 组 低压油管总成明细 35 Fuel Low Pressure Pipes Installation Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	柴滤至喷油泵油管部件	Fuel feed pipe assembly,from filter to injection pump	6RBZT52.350200	1	
2	油管支架合件	Tubing support fitting	4PY.350011FE	1	
3	油水分离器至油泵油管部件	Oil-water separator to pump tubing parts	6M5-T76.350600	1	
4	输油泵至滤清器油管部件	Fuel feed pipe assembly,from feed pump to filter	6RBZT52.350100	1	
5	油管支架	Tubing support	6RBZT52.350011	1	
6	喷油器回油管部件	Fuel return pipe assy,injection pump	6RAZL.350400FE	1	

41 组 机油泵总成 (I) 41 Oil Pump Installation Assy



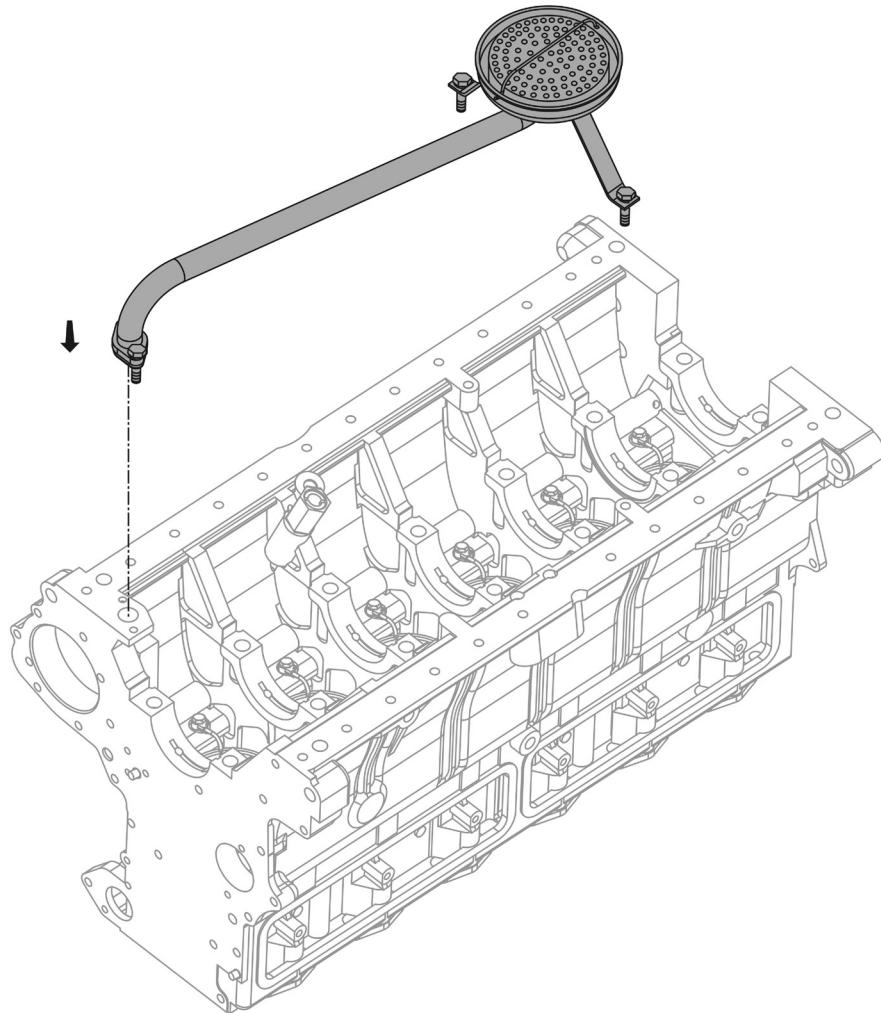
41 组 机油泵总成 (II) 41 Oil Pump Installation Assy



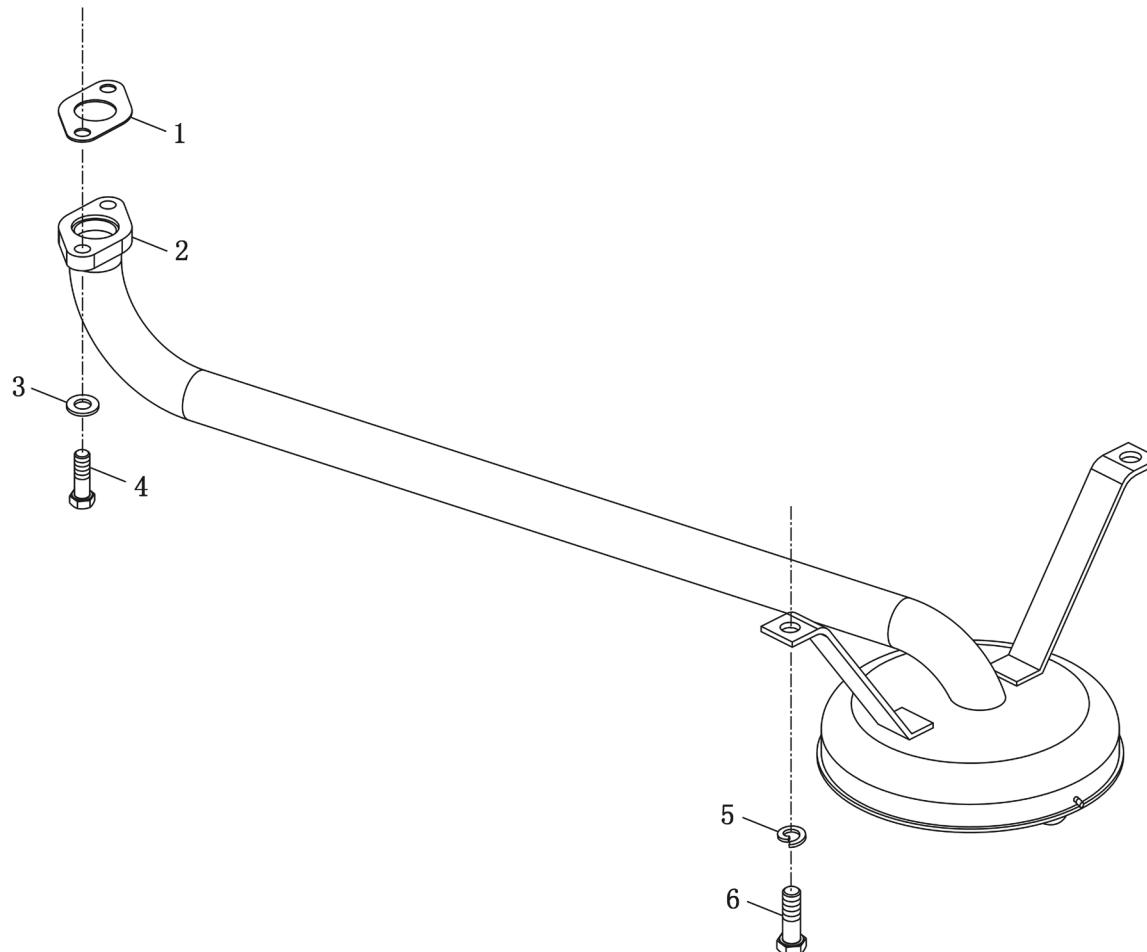
41 组 机油泵总成明细 41 Oil Pump Installation Assy

序号 No.	零件名称 Part Name	零件代号 Drawing No	数 量 Qty.	备注 Remarks
1	螺母 M12	Nut M12	1	
2	垫片 12-140HV-Zn.D	Washer12-140HV-Zn.D	2	
3	机油泵齿轮	Machine oil pump gear	1	
4	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	2	
5	垫圈 10	Spring washer 10	2	
6	机油泵总成	Oil pump assy	1	
7	O 型密封圈	O-rubber sealing ring	2	

42 组 机油集滤器总成 (I) 42 Oil Suction Strainer Assy



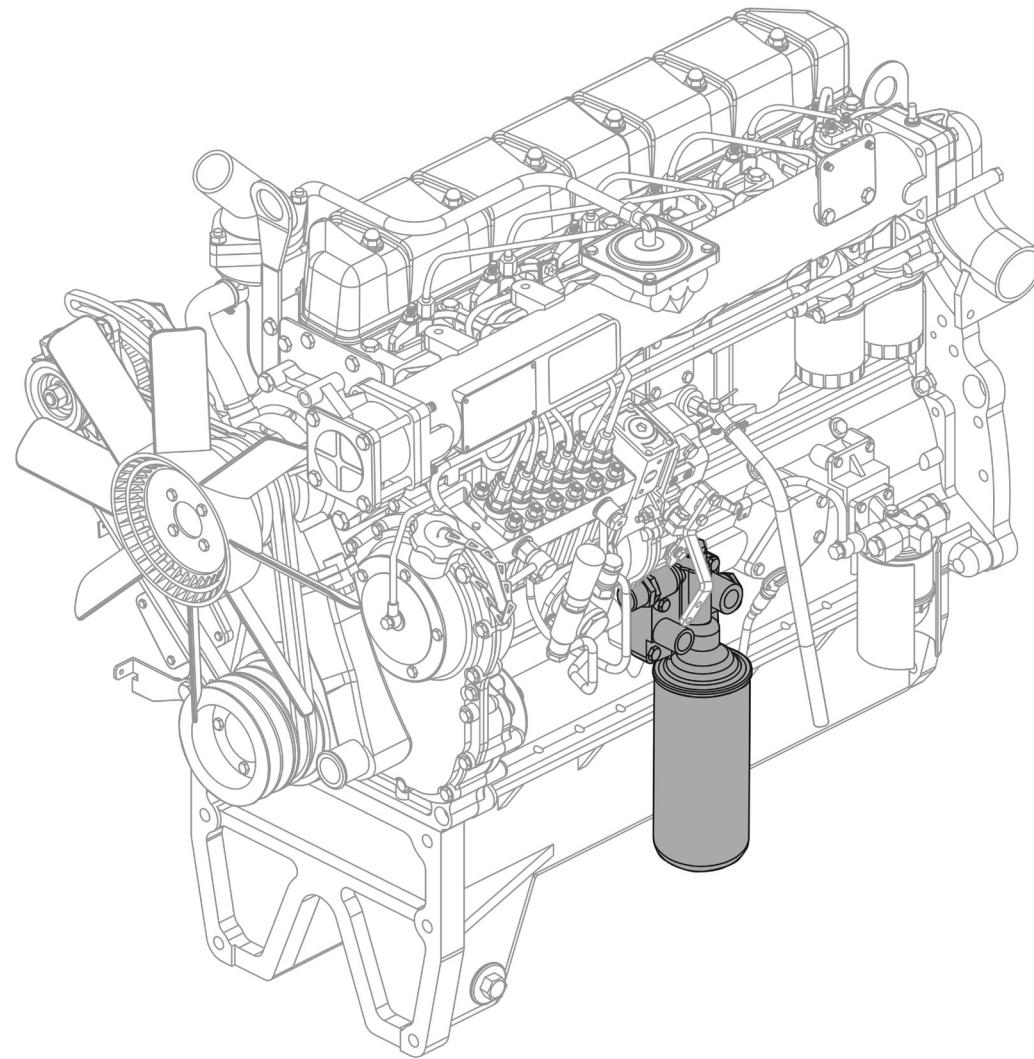
42 组 机油集滤器总成 (II) 42 Oil Suction Strainer Assy



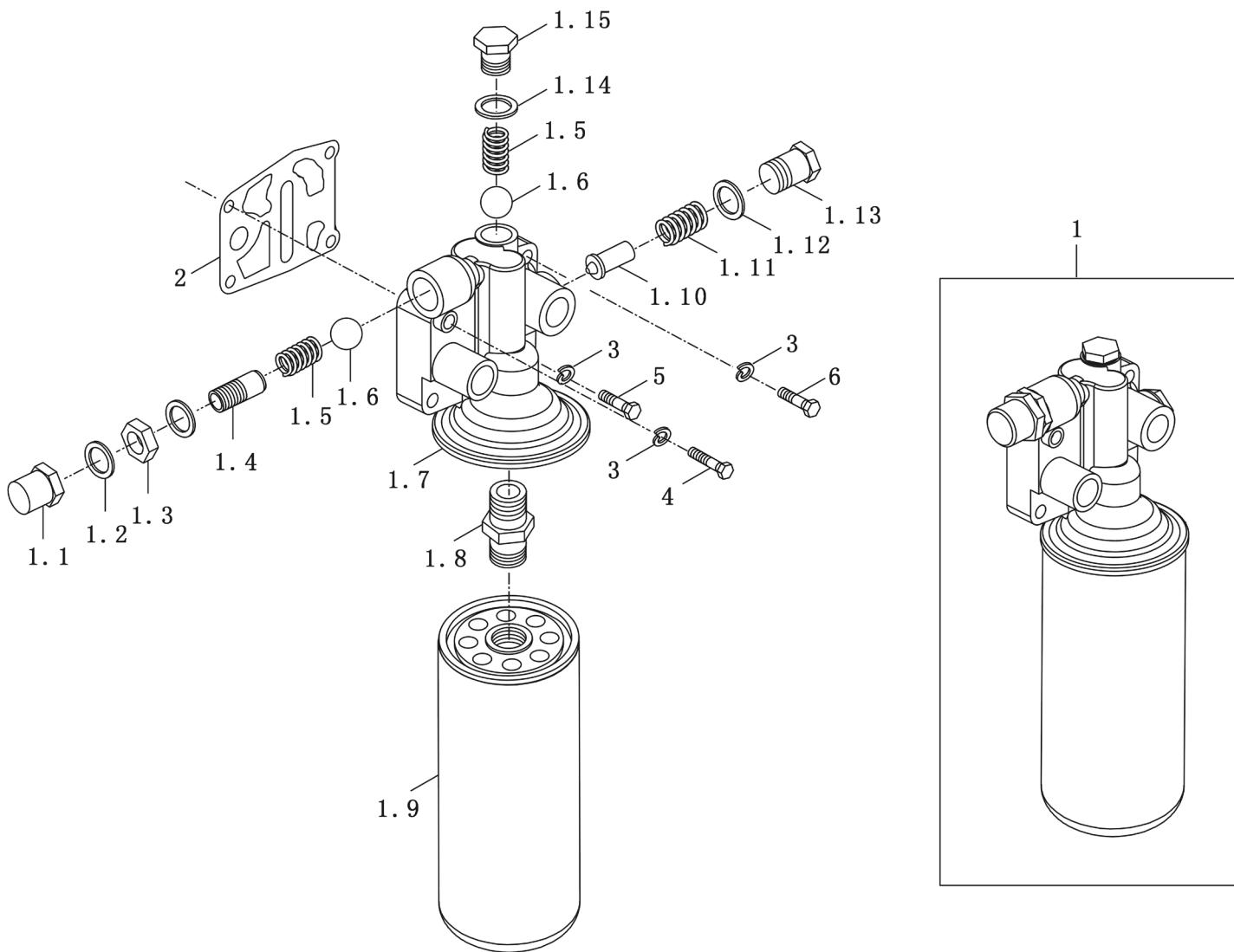
42 组 机油集滤器总成明细 42 Oil Suction Strainer Assy

序号 No.	零件名称 Part Name	零件代号 Drawing No	数 量 Qty.	备注 Remarks
1	吸油管法兰垫片	Gasket,oil suction pipe flange	R.420001	1
2	吸油管焊接部件	Weldment assy,oil suction pipe	L6R.420100	1
3	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	2
4	螺栓 M8*25-8.8-Zn.D	Bolt M8*25-8.8-Zn.D	GB21	2
5	垫圈 10	Spring washer 10	GB/T93	2
6	螺栓 M10*20-8.8-Zn.D	Bolt M10*20-8.8-Zn.D	GB21	2

43 组 机油滤清器总成 (I) 43 Oil Filter Assy



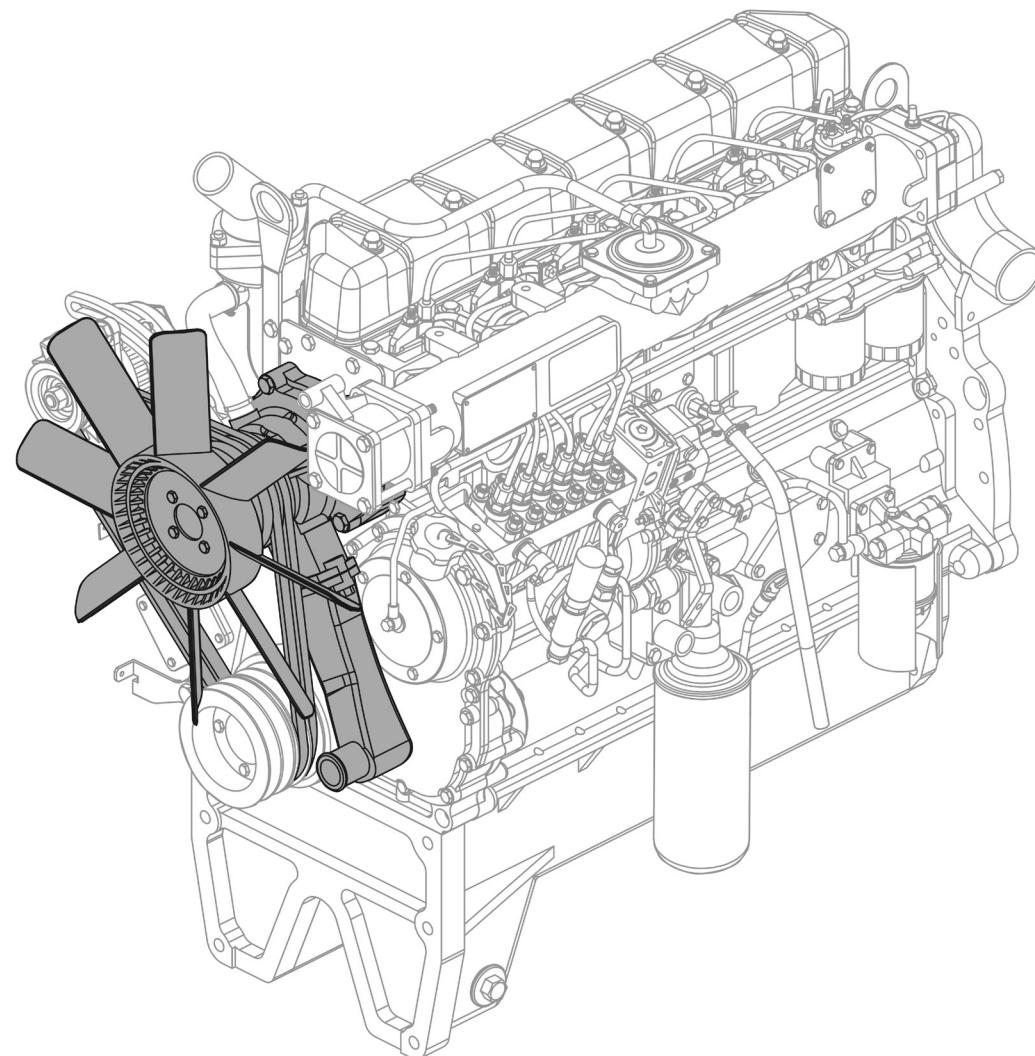
43 组 机油滤清器总成 (II) 43 Oil Filter Assy



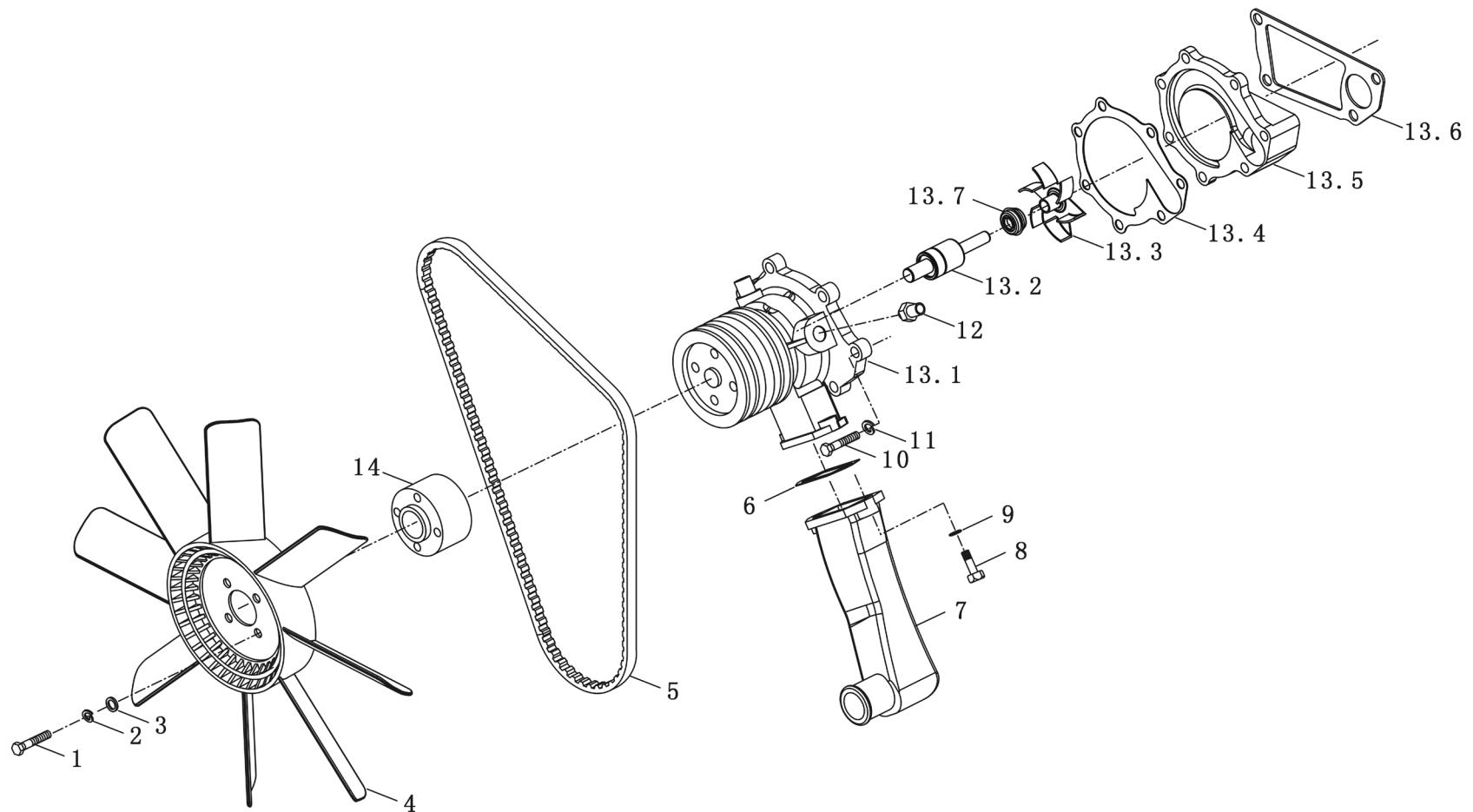
43 组 机油滤清器总成明细 43 Oil Filter Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	机油滤清器总成	Oil filter assembly	6RZQC.430000	1	
1.1	主油道限压阀螺母	Pressure relief valve nut, main oil passage	R.430001	1	
1.2	垫片	Washer	GB/T1235-1976	2	
1.3	锁紧螺母	Check nut	54.06.467	1	
1.4	主油道限压阀座	Pressure relief valve seat, main oil passage	L6RTIII.430109	1	
1.5	安全阀弹簧	Safety valve spring	54.06.413	2	
1.6	钢球	Ball	GB/T308-1989	2	
1.7	机油滤清器底座	Oil filter base	6RZQC.430101	1	
1.8	中心接头	Center tap	RTF.430116-1	1	
1.9	旋装式机油滤清器	Spin-on oil filter	JX0818A	1	
1.10	冷却器旁通阀体	Cooler bypass valve body	R.430111	1	
1.11	冷却器旁通阀弹簧	Cooler bypass valve spring	6RTF.430102	1	
1.12	垫片	Washer	R.430113	1	
1.13	冷却器旁通阀座	Cooler bypass valve seat	6RTIII.430114	1	
1.14	垫片	Washer	6RZQC.430124	1	
1.15	复油道泄压阀座	Complex oil duct pressure relief valve seat	6RZQC.430122	1	
2	机滤底座垫片	Oil filter base gasket	R.430001	1	
3	垫圈 10	Spring washer 10	GB/T93	4	
4	螺栓 M10*80-8.8-Zn.D	Bolt M10*80-8.8-Zn.D	GB22	1	
5	螺栓 M10*50-8.8-Zn.D	Bolt M10*50-8.8-Zn.D	GB22	1	
6	螺栓 M10*40-8.8-Zn.D	Bolt M10*40-8.8-Zn.D	GB22	2	

51 组 水泵及风扇总成 (I) 51 Water Pump and Fan Assy



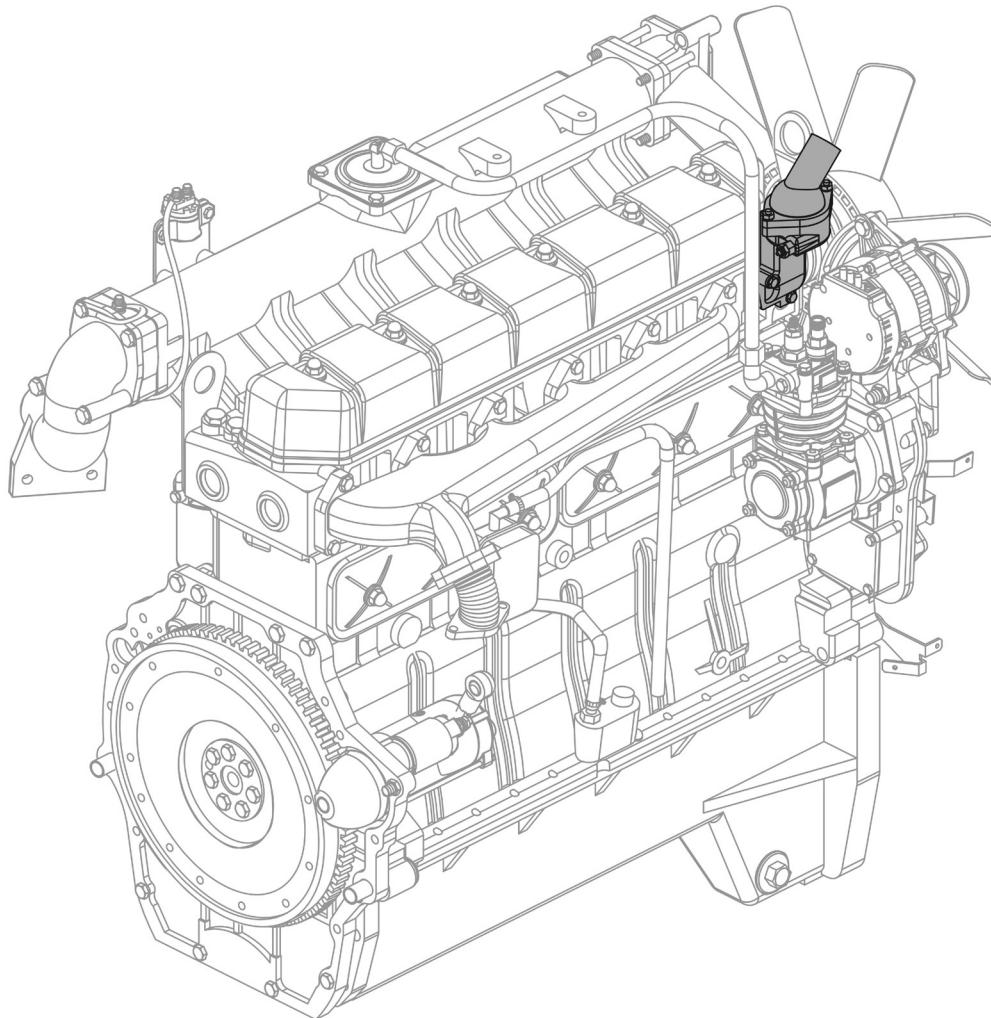
51 组 水泵及风扇总成 (II) 51 Water Pump and Fan Assy



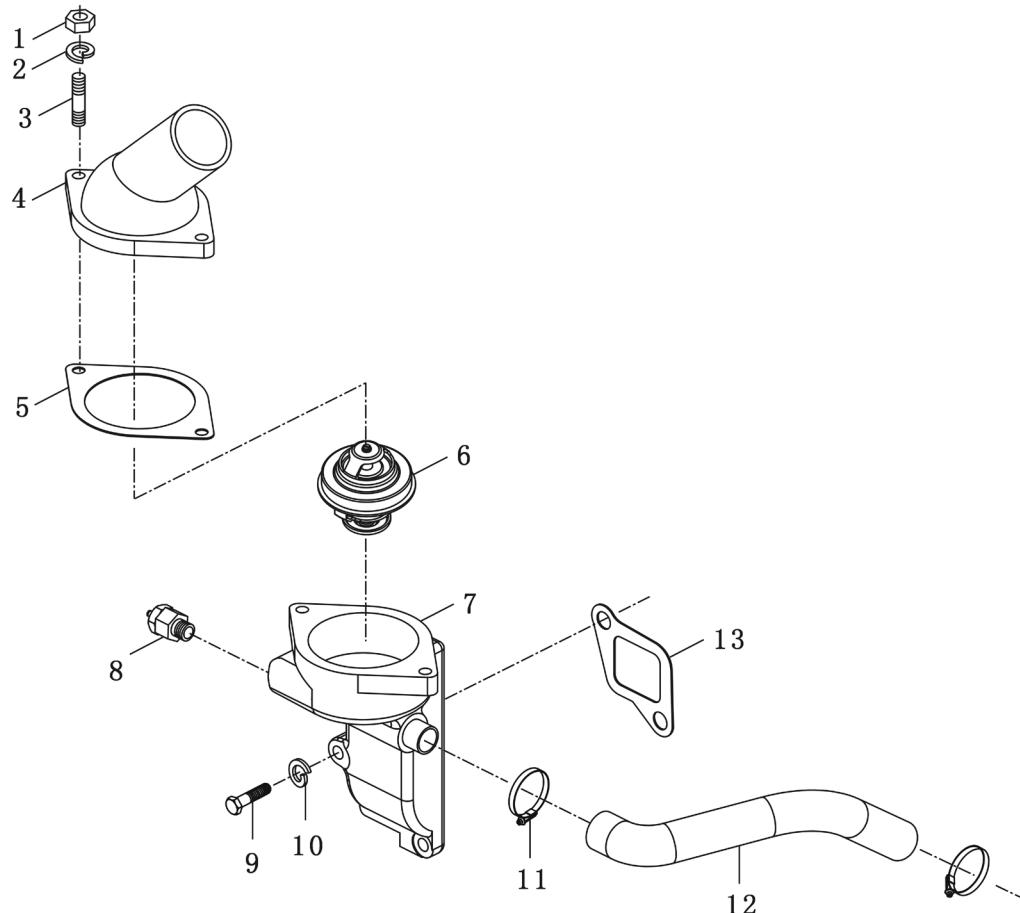
51 组 水泵及风扇总成明细 51 Water Pump and Fan Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	螺栓 M10*65-8.8-Zn.D	Bolt M10*65-8.8-Zn.D	GB22	4	
2	垫圈 10	Spring washer 10	GB/T93	4	
3	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	4	
4	风扇总成	Fan assy	Z-530-42-64-10	1	
5	皮带	Leather belt	AV1425LI	2	
6	水泵进水管垫片	Water pump inlet pipe gasket	6RZWT1.510205	1	
7	水泵进水管	Water pump inlet pipe	6M5-T76.510001	1	
8	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	GB21	2	
9	垫圈 10	Spring washer 10	GB/T93	2	
10	螺栓 M8*45-8.8-Zn.D	Bolt M8*45-8.8-Zn.D	GB21	3	
11	垫圈 8	Spring washer 8	GB/T93	3	
12	采暖回水接头	Heating water return connector	1.86.324/5147324	1	
13	水泵总成	Water pump assy	6M5-T76.510000	1	
13.1	水泵体	Pump body	6RZWT1.510202FE	1	
13.2	轴连轴承	Shaft even bearing	WR2040152	1	
13.3	叶轮	Impeller	6RZWT1.510206FE	1	
13.4	大面垫	Bedding face gasket	6RZWT1.510207	1	
13.5	水泵后盖	Pump cover	6RZWT1.510208	1	
13.6	水泵后盖垫片	Gasket water pump read cover	3R.510007	1	
13.7	水封总成	Seal assembly	1307010-3_CK-05	1	
14	风扇垫块	Fan Cushion Blocking	6M5-T76.520001	1	

53 组 节温器总成 (I) 53 Thermostat Assy



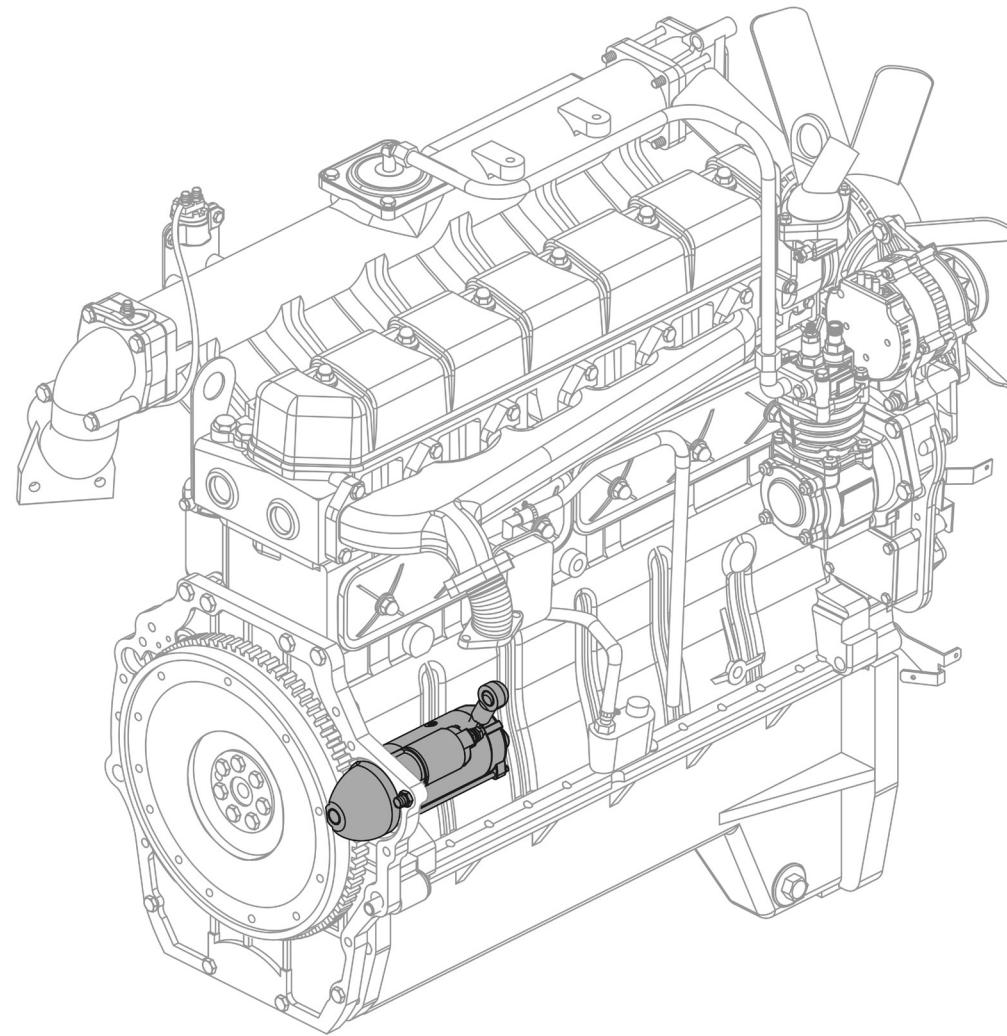
53 组 节温器总成 (II) 53 Thermostat Assy



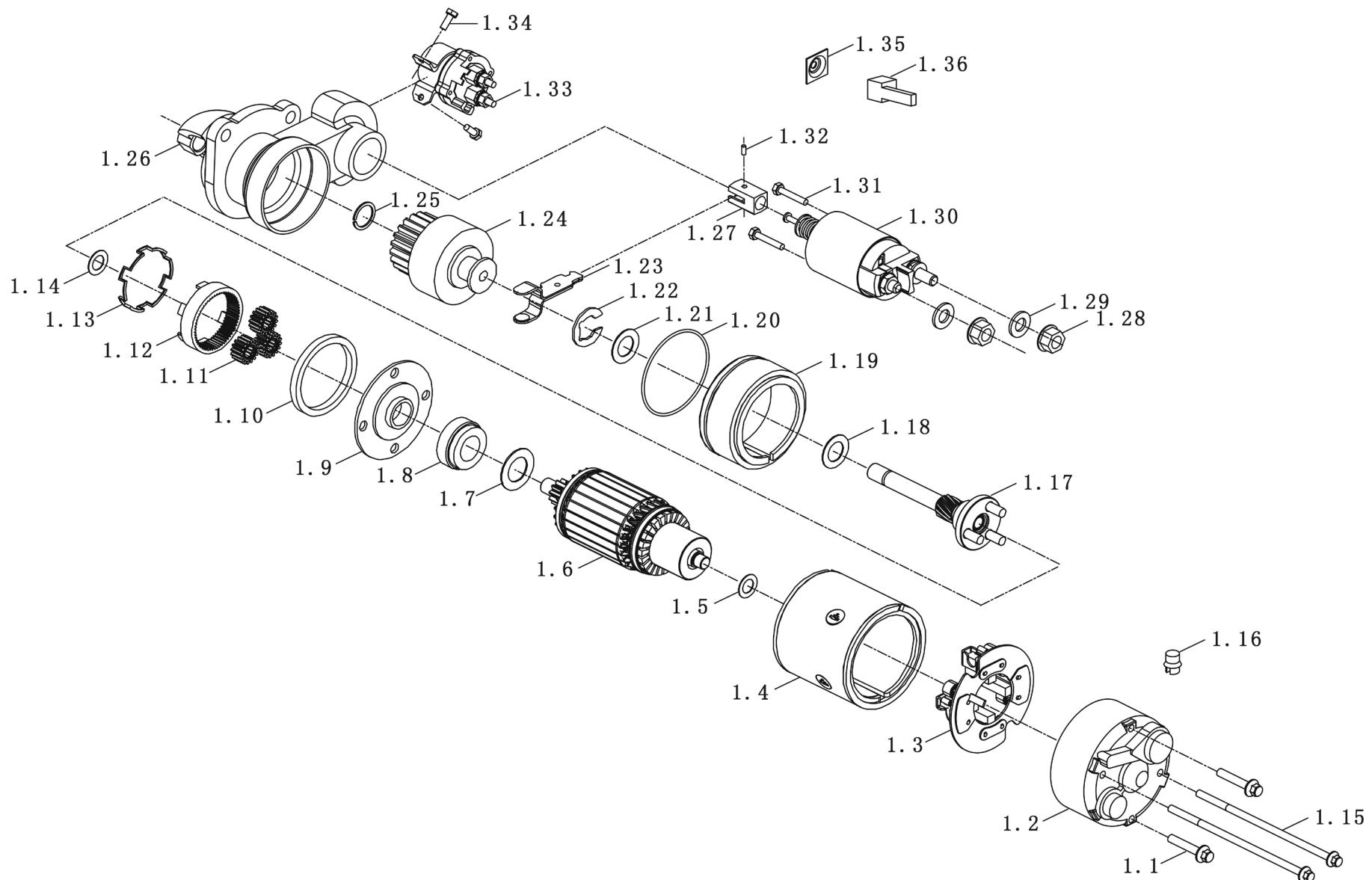
53 组 节温器总成明细 53 Thermostat Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	螺母 M8-Zn.D	Nut M8-Zn.D	GB52	2	
2	垫圈 8	Spring washer 8	GB/T93	2	
3	双头螺柱 M8*25	Double-headed stud M8*25	GB/T898	2	
4	节温器盖	Cap, thermostat	6RZWT1.530001	1	
5	节温器盖垫片	Gasket, thermostat cap	6RAZL.530002	1	
6	节温器总成	The thermostat assembly	156-00	1	
7	节温器壳体部件	Housing assy, thermostat	6RT59.530101	1	
8	水温传感器	Sensor assy,water thermonmeter	WG1371K(8A5108205)	1	
9	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	GB21	2	
10	垫圈 10	Springle washer 10	GB/T93	2	
11	卡箍	Hoop	JK1#/25-38	2	
12	软管	Rubber hose	6RQJ.530006-1	1	
13	节温器体垫片	Thermostat body gasket	4R.530004-1	1	

61 组 起动电机总成 (I) 61Starter Installation Assy



61 组 起动电机总成 (II) 61Starter Installation Assy



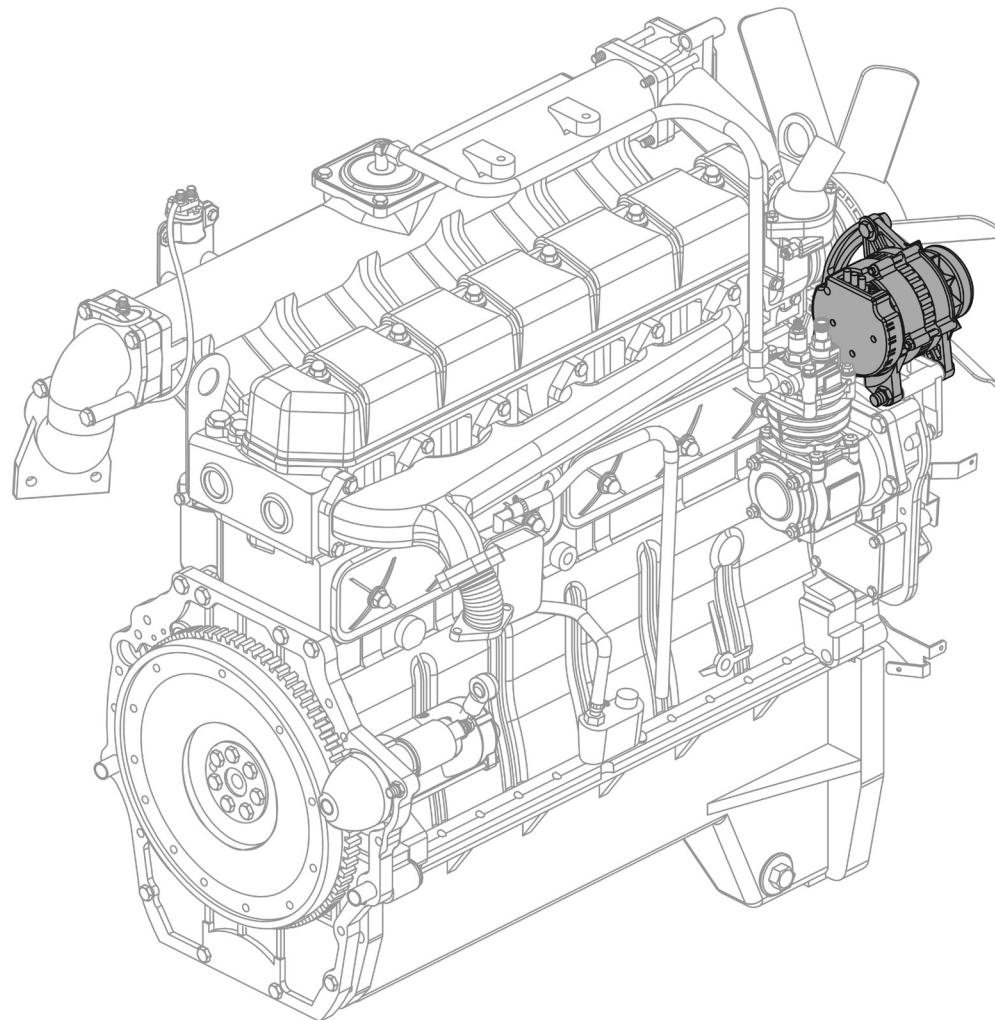
61 组 起动电机安装总成明细 61 Starter Installation Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	起动机总成	Starter assembly	M100R2010SE	1	生产厂家: 北京佩特来公司 Manufacturer: Beijing pater to company
1.1	电刷底板禁锢螺钉	Brush bottom imprison screw	M100R2010SE-08-0000	1	
1.2	电刷端盖	Brush end cover	M100R3001SE-08-0000	1	
1.3	电刷底板总成	Brush backplane assembly	35261054	1	
1.4	定子总成	Stator assembly	M100R2004SE-05-0000	1	
1.5	垫片	Washer	35145130	1	
1.6	电驱总成	Armature assembly	M100R2004SE-06-0000	1	
1.7	垫片	Washer	35145166	1	
1.8	尼龙套	Nylon sleeve	35259412	1	
1.9	盖板	Cover	35259249	1	
1.10	密封圈	Rubber seal	35259394	1	
1.11	行星齿轮	Planetary gear	35259154A	3	
1.12	内齿轮	Internal gear	M93RA-04-0025/35259152	1	
1.13	减震垫圈	Shock washer	35259248	1	
1.14	垫片	Washer	35145183	1	
1.15	穿钉	Wear nail	35125148	2	
1.16	排水管	Drain	M93R3001SE-08-0015	1	
1.17	驱动轴总成	Drive shaft assembly	M93RA-04-0003	1	
1.18	垫片	Washer	35145166	1	
1.19	支撑盖组件	Support cover components	35259168	1	
1.20	O型圈	O-rubber sealing ring	M93R3006SE-04-0029	1	
1.21	垫片	Washer	35145183	1	
1.22	开口挡圈	Open ring	35259399-AR	1	
1.23	拨叉组件	Fork components	M93R3006SE-03-0000A	1	
1.24	单向器总成	Any experence assembly	M93R3032SE-02-0000	1	
1.25	轴端卡圈	Shaft end retainer ring	M93R3001SE-11-0041	1	
1.26	驱动端盖总成	Driven plate assembly	M100R2010SE-01-0000	1	
1.27	转销座	Resell seat	M93R3006SE-11-0038B	1	
1.28	法兰螺母	Flange nut	M10/GB6170-86	2	

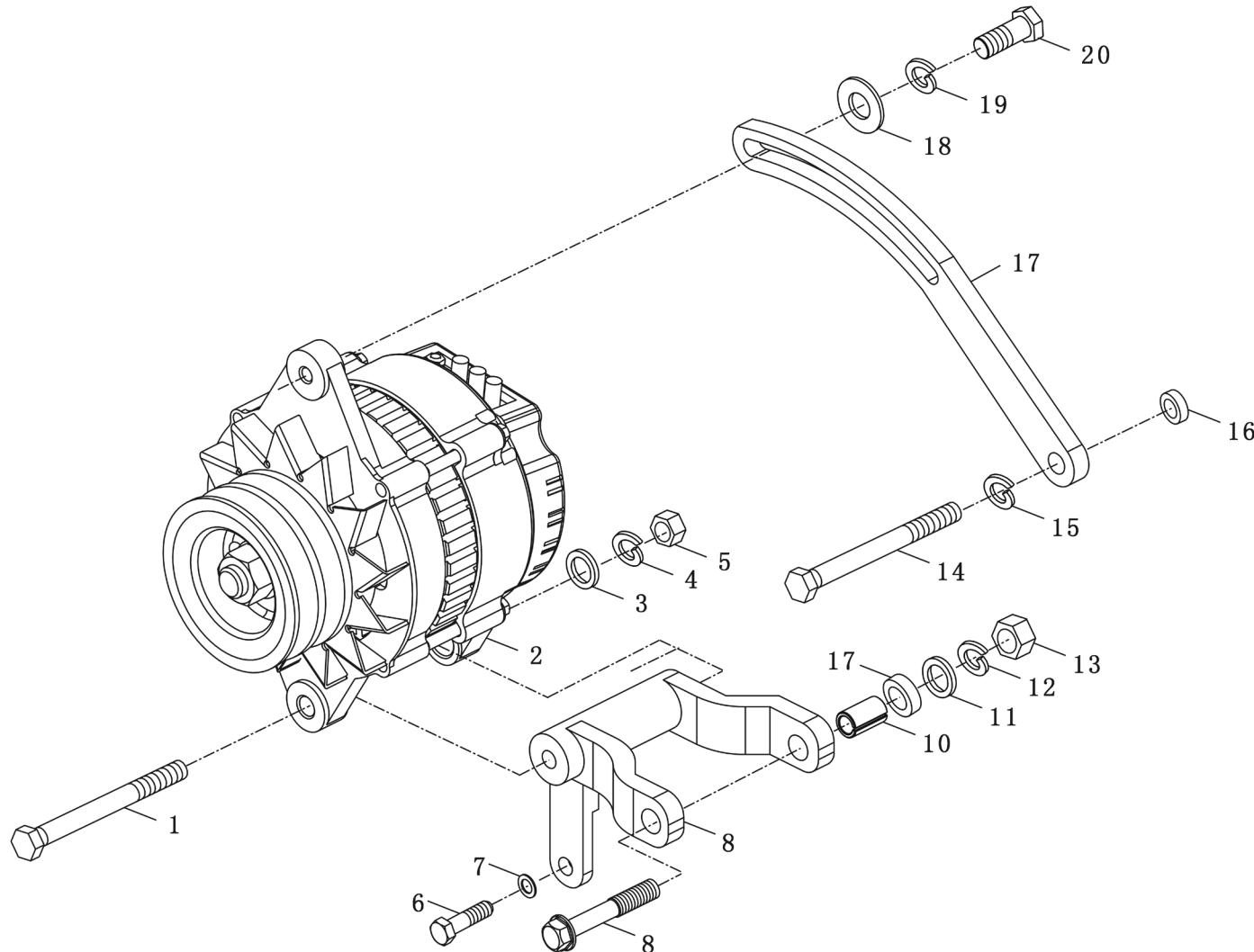
61 组 起动电机安装总成明细 61 Starter Installation Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1.29	波形弹簧垫圈	Waveform spring washer	010/GB955-87	2	
1.30	电磁开关总成	Electromagnetic switch assembly	M100R2004SE-10-000000	1	
1.31	电磁开关紧固螺栓	Electromagnetic switch fastening bolt	M93R3006SE-11-0020	2	
1.32	拨叉转销	Fork resell	M93R3006SE-11-0040B	1	
1.33	继电器总成	Relay assembly	M100R2003SE-12-000000	1	
1.34	继电器禁固螺栓	Relay forbidden solid bolt	M105R3001SE-00-000017	2	
1.35	钢碗	Steel bowl	M93R3006SE-11-0039B	1	
1.36	减震块	Shock block	M100R3001SE-11-0036	1	

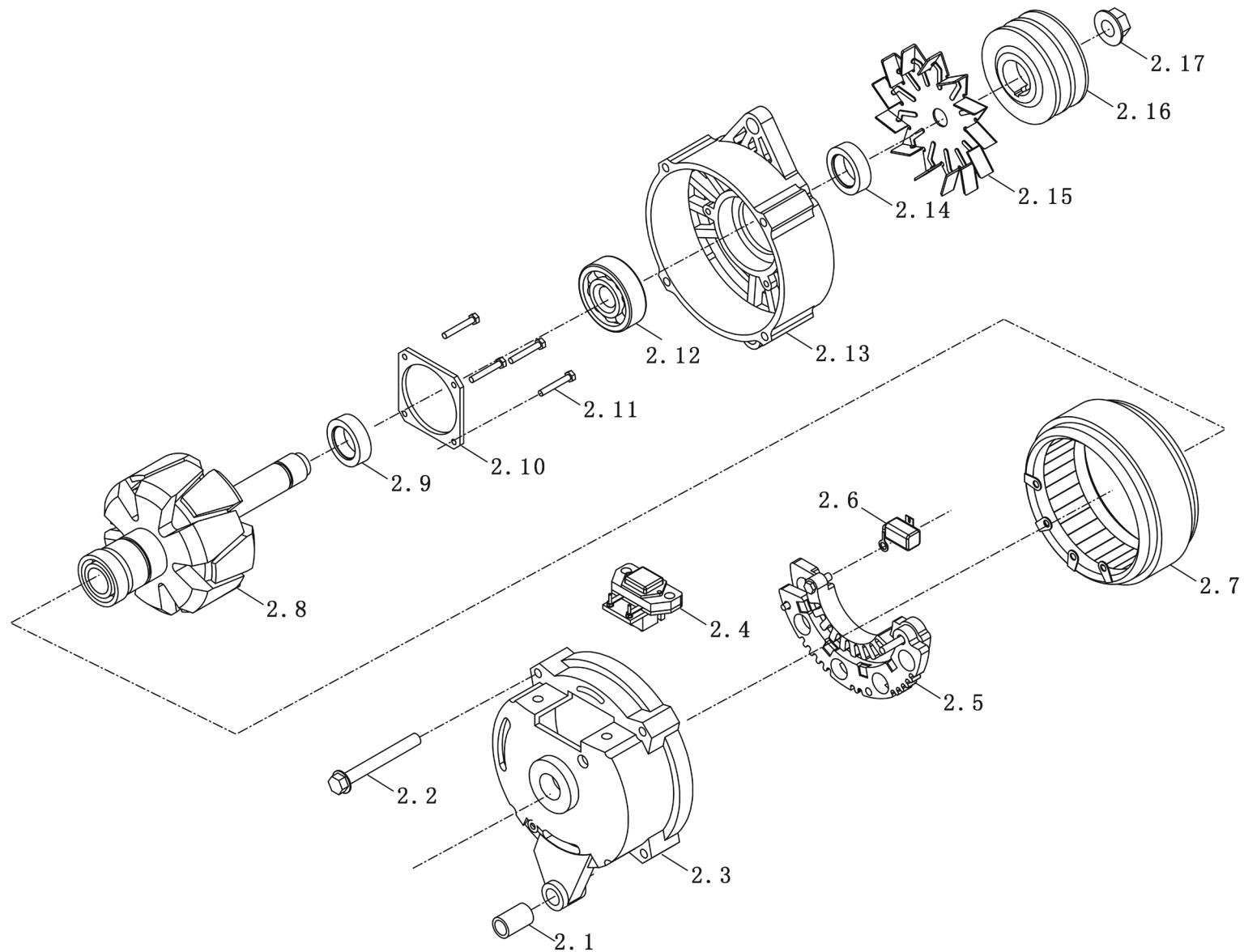
62 组 发电机及支架总成 (I) 62 Alternator and Bracket Assy



62 组 发电机及支架总成 (II) 62 Alternator and Bracket Assy



62 组 发电机及支架总成 (III) 62 Alternator and Bracket Assy



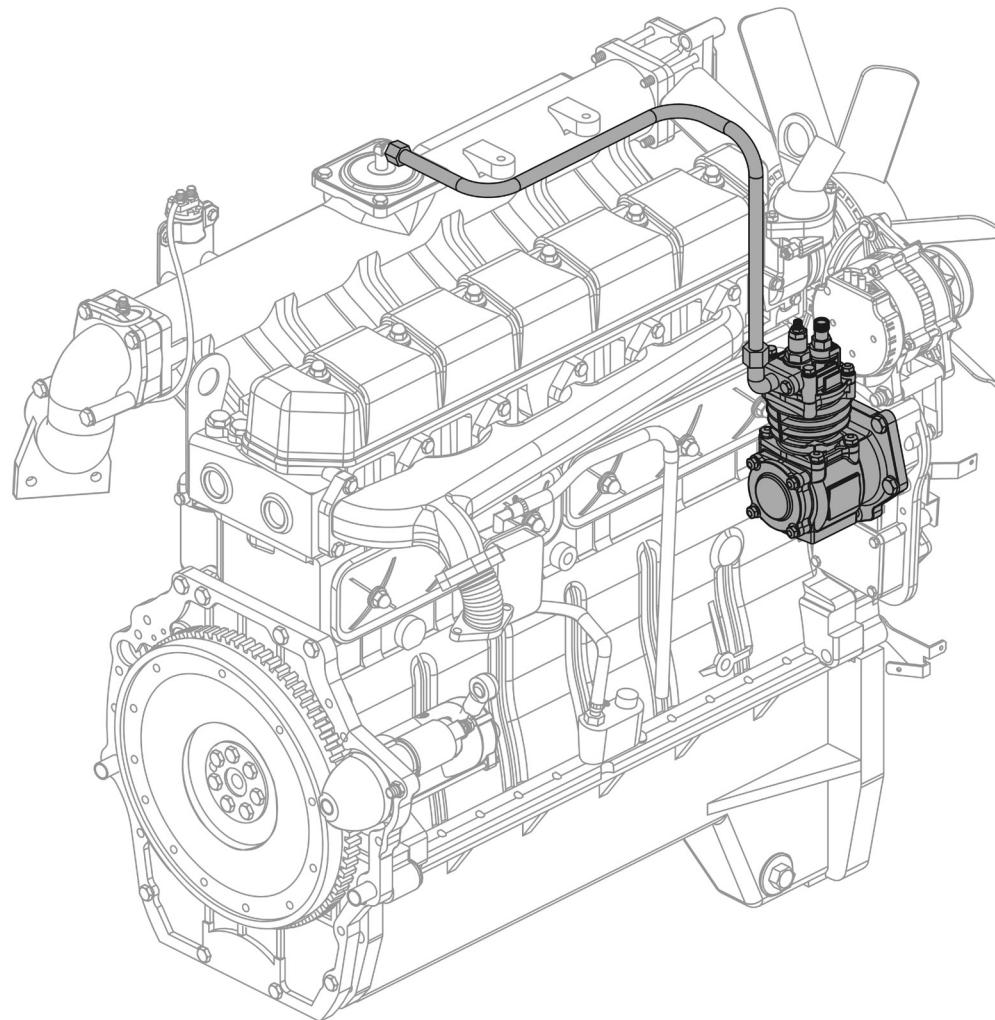
62 组 发电机及支架总成明细 62 Alternator and Bracket Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	螺栓(发电机专用)	Bolt (Generator special)	6RQ.620054	1	
2	发电机	Generator	JFZ1913	1	
2.1	调整套	Adjustment set	JFZ1716-4101	1	
2.2	M5*60 带法兰盘螺栓	M5 * 60 flange bolt	JFZ198-0007	4	
2.3	后端盖	After end cover	JFZ235C3-4110	1	
2.4	电刷电压调节器组件	Brush voltage regulator assembly	JFB158-5000	1	
2.5	整流组件	Rectifier module	JF182B-4200	1	
2.6	电容	Capacitance	JFZ172-7000	1	
2.7	定子总成	Stator assembly	JFZ176-3000	1	
2.8	转子总成	Rotor assembly	JFZ176-2000C	1	
2.9	定位套	Locating sleeve	JFZ184-0004	1	
2.10	轴承盖	Bearing cover	JFB151-1001A	1	
2.11	螺钉	Screw	GB9074.15-88-M5*16	3	
2.12	轴承	Bearing	NSK6303DDUC3HHA 1S6	1	
2.13	前端盖	Front end cover	JFZ1716-1110	1	
2.14	定位套	Locating sleeve	JF132E-0004A	1	
2.15	风扇	Fan	JF132E-0001A	1	
2.16	皮带轮	Pulley	JFZ1716-3000	1	
2.17	六角薄螺母	Hexagonal thin nut	GB6173-86 M16*1.5	1	
3	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	1	
4	垫圈 10	Spring washer 10	GB/T93	1	
5	螺母 M10-Zn.D	Nut M10-Zn.D	GB52	1	
6	螺栓 M10*30-8.8-Zn.D	Bolt M10*30-8.8-Zn.D	GB21	1	
7	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	1	
8	螺栓(发电机支架专用)	Bolt (Generator support special)	6RQ.620053	1	
9	发电机支架合件	Generator support fitting	6RT8.620200	1	
10	衬套	Bushing	6RG6.620202	1	
11	垫片 10-140HV-Zn.D	Washer 10-140HV-Zn.D	GB/T848	1	

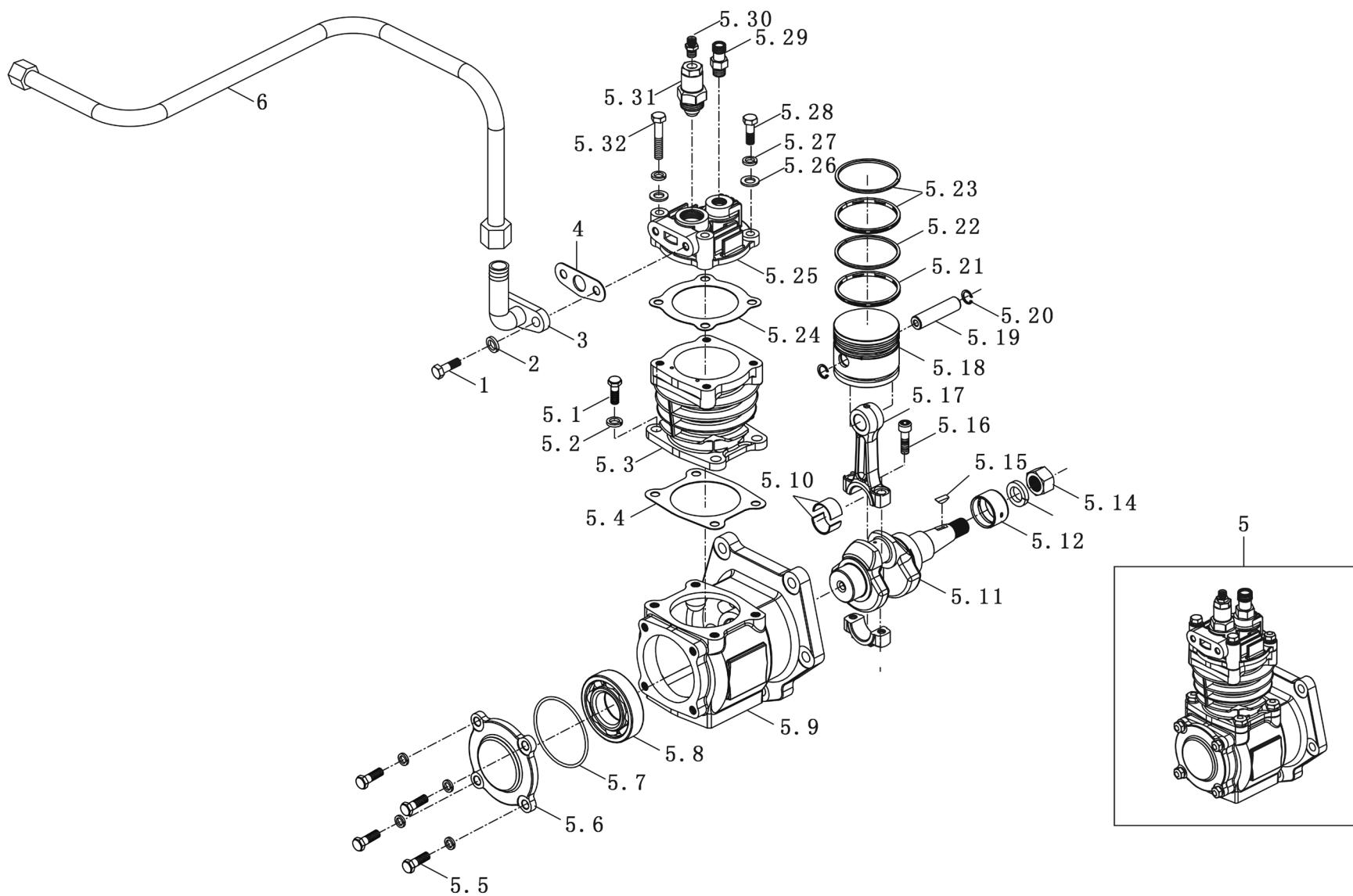
62 组 发电机及支架总成明细 62 Alternator and Bracket Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
12	垫圈 10	Spring washer 10	GB/T93	1	
13	螺母 M10-Zn.D	Nut M10-Zn.D	GB52	1	
14	螺栓 M10*85-8.8-Zn.D	Bolt M10*85-8.8-Zn.D	GB22	1	
15	垫圈 10	Spring washer 10	GB/T93	1	
16	垫块	Block	RT.620005FE	2	
17	发电机调节支架	Generator control support	4MCT23.620001	1	
18	垫片 8-140HV-Zn.D	Washer 8-140HV-Zn.D	GB/T848	1	
19	垫圈 8	Spring washer 8	GB/T93	1	
20	螺栓 M8*35-8.8-Zn.D	Bolt M8*35-8.8-Zn.D	GB21	1	

71 组 空压机总成 (I) 71 Air Compressor Installation Assy



71 组 空压机总成 (II) 71 Air Compressor Installation Assy



71 组 空压机总成明细 71 Air Compressor Installation Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
1	螺栓 M10*25-8.8-Zn.D	Bolt M10 * 25-8.8-Zn.D	GB21	2	
2	垫圈 10	Spring washer 10	GB/T93	2	
3	接头焊接合件	Joint welding fitting	6RG35.710520	1	
4	空压机进气管垫片	Air intake manifold gasket,air compressor	6RQ12.710008	1	
5	空压机总成	Air compressor installation assembly	LT.710300B	1	
5.1	螺栓 M10*25-Zn.D	Bolt M10 * 25-Zn.D	GB5783-86	4	
5.2	垫圈 10	Spring washer 10	GB/T93	4	
5.3	气缸体	Cylinder block	4L01-3509010-05	1	
5.4	缸体垫密片	Cylinder gasket	6RQ710200A-06	1	
5.5	螺栓 M8*20-Zn.D	Bolt M8 * 20-Zn.D	GB5783-86	4	
5.6	后盖	Rear cover	6RQ710200A-04	1	
5.7	O 形密封圈 73*2.65	O-rubber sealing ring 73 * 2.65	GB3452.1-82	1	
5.8	单列向心球轴承 6207	Single-row radial ball bearing 6207	GB276-82	1	
5.9	曲轴箱	Crankcase	LT710300A-01	1	
5.10	连杆轴瓦	Connecting rod bearing shell	6RQ710200A-07-03/5	1	
5.11	曲轴	Crankshaft	LT710300A-02	1	
5.12	轴套	Sleeve	6RQ710200A-03	1	
5.13	垫圈 16	Spring washer 16	GB859-87	1	
5.14	六角螺母 M16*15-Zn.D	Hex nut the M16 * 15 - Zn. D	GB6171-86	1	
5.15	半圆键 4*16	Woodruff key 4 * 16	GB1099-79	1	
5.16	连杆螺栓	Connecting rod bolt	6RZQ53-14-05/3	2	
5.17	连杆结合部	Connecting rod farming	6RQ710200A-07-03	1	
5.18	活塞	Piston	6RQ710200A-07-01	1	
5.19	活塞销	Piston pin	6RQ710200A-07-02	1	
5.20	挡圈 14-Y	Ring 14 - Y	GB893.1-86	2	
5.21	螺旋撑簧油环	Spiral brace spring oil ring	LK65(Φ 65)-102	1	
5.22	普通油环	Ordinary oil ring	LK65(Φ 65)-103	1	
5.23	气环	Gas ring	LK65(Φ 65)-101	2	
5.24	气缸垫密片	Cylinder gasket	4L01-3509010-06	1	

71 组 空压机总成明细 71 Air Compressor Installation Assy

序号 No.	零件名称	Part Name	零件代号 Drawing No	数量 Qty.	备注 Remarks
5.25	缸盖结合部	Taking cylinder head	4L01-3509010-07	1	
5.26	垫片 8-140HV-Zn.D	Washer 8-140HV-Zn.D	GB95-85	4	
5.27	垫圈 8	Spring washer 8	GB93-86	8	
5.28	螺栓 M8*30-10.9-Zn.D	Bolt M8 * 30-10.9-Zn.D	GB5783-86	2	
5.29	排气管接头	Exhaust pipe joint	LT710300B-02	1	
5.30	调节器接头	Regulator joint	6RQ710200A-09	1	
5.31	松压阀总成	SongYa valve assembly	4L01-3509010-10	1	
5.32	螺栓 M8*55-10.9-Zn.D	Bolt M8 * 55-10.9-Zn.D	GB5782-86	2	
6	空压机进气胶管	Connecting tube, air intake	6RBT1.710500FE	1	