



SINOTRUK

HOWO HC16 DRIVING AXLE

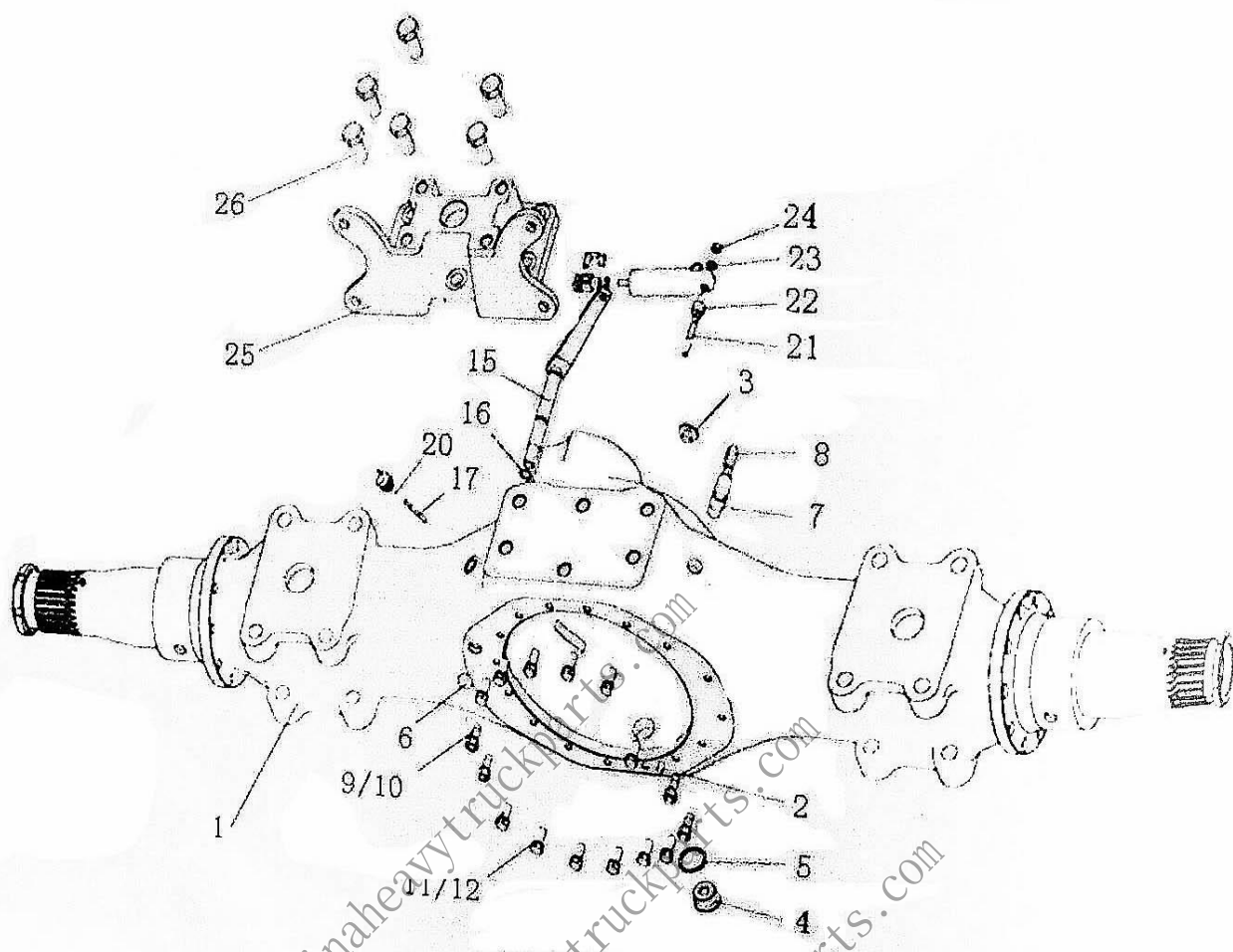
SPARE PARTS CATALOG

www.chinaheavytruckparts.com
www.chinaheavytruckparts.com
www.chinaheavytruckparts.com

INDEX

FIRST REAR DRIVING AXLE CASE	Page 3
FIRST REAR DRIVING AXLE	Page 5
REAR DRIVING AXLE CASE	Page 9
REAR DRIVING AXLE	Page 11
WHEEL REDUCTER AND BRAKE	Page 13

www.chinaheavytruckparts.com
www.chinaheavytruckparts.com
www.chinaheavytruckparts.com



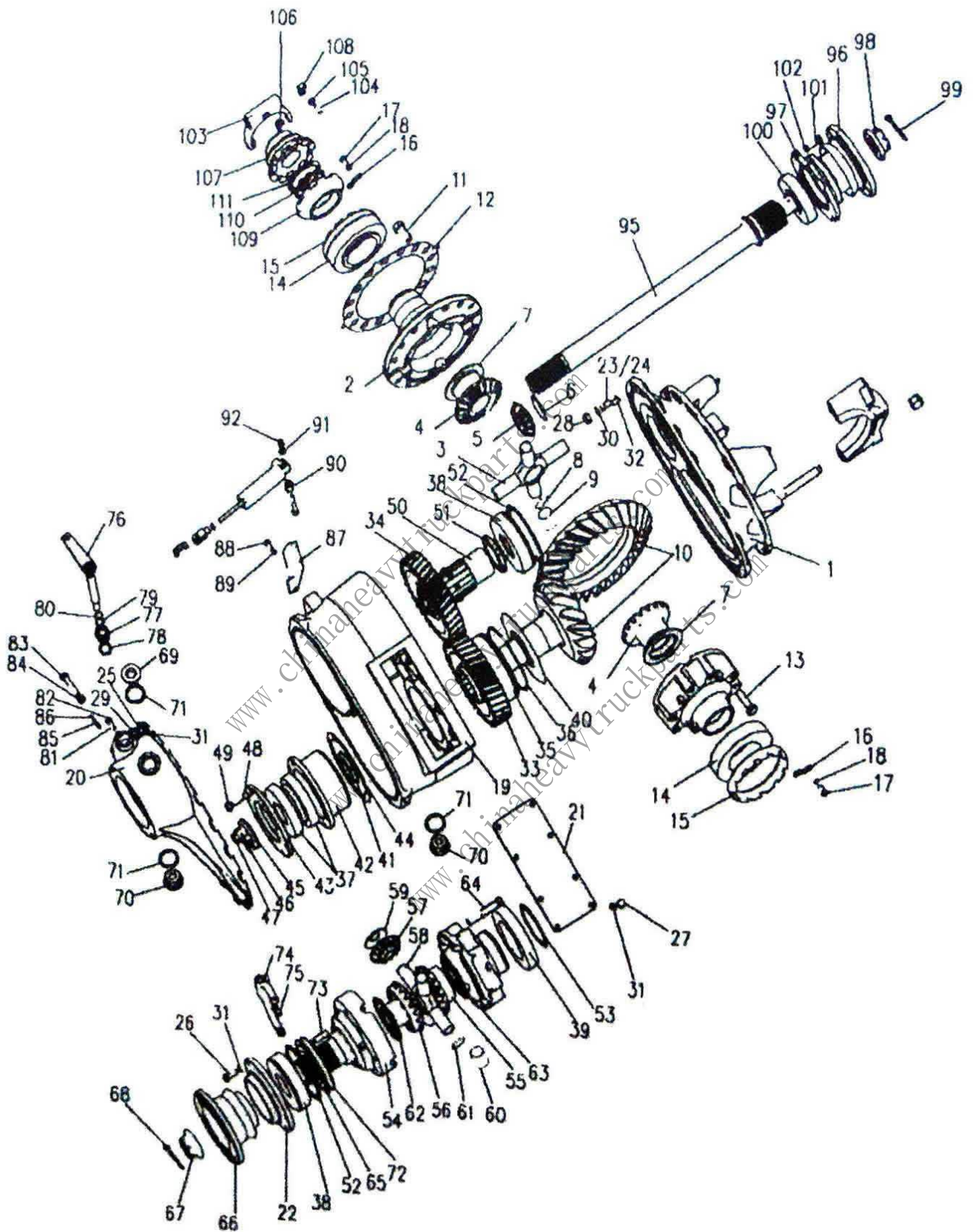
FIRST REAR DRIVING AXLE CASE, HC16 AXLE			
powered by CHINA HEAVY TRUCK PARTS LTD, www.cnhtcsinotruk.com			
Serial	Number	Name	Quantity
1	AZ9231330990	first rear axle case	1
2	Q5211016	column pin	1
3	190003962021	screw plug	1
4	WG9231330015	magnetic screw plug assy	1
5	Q72336	sealing ring	1
6	190003989290	plug	1
7	WG9231330105	air plug	1
8	WG9231330106	rubber tube	1
9	Q151C1230TF2	hexagonal head bolt	1
10	Q40312	spring gasket	4
11	190003810631	double head bolt	4
12	190003888457	self-locking nut	16
13	WG2297Y4835	nameplate	1
14	190003904529	rivet	2

15	WG9014330126	joystick assy	1
16	1680M320015	O type gasket	1
17	WG9112330016	pin	1
18	WG9231330808	pin	1
19	WG9231330809	pin	1
20	Q43705	steel retaining ring for shaft	1
21	Q1200850F3	double head bolt	1
22	WG61000060084	space bushing	1
23	Q40108	flat gasket	1
24	Q33208	hexagonal locking nut	1
25	WG9231340944	support of chamber	1
26	Q151B2045TF2	hexagonal head bolt	1

www.chinaheavytruckparts.com

www.chinaheavytruckparts.com

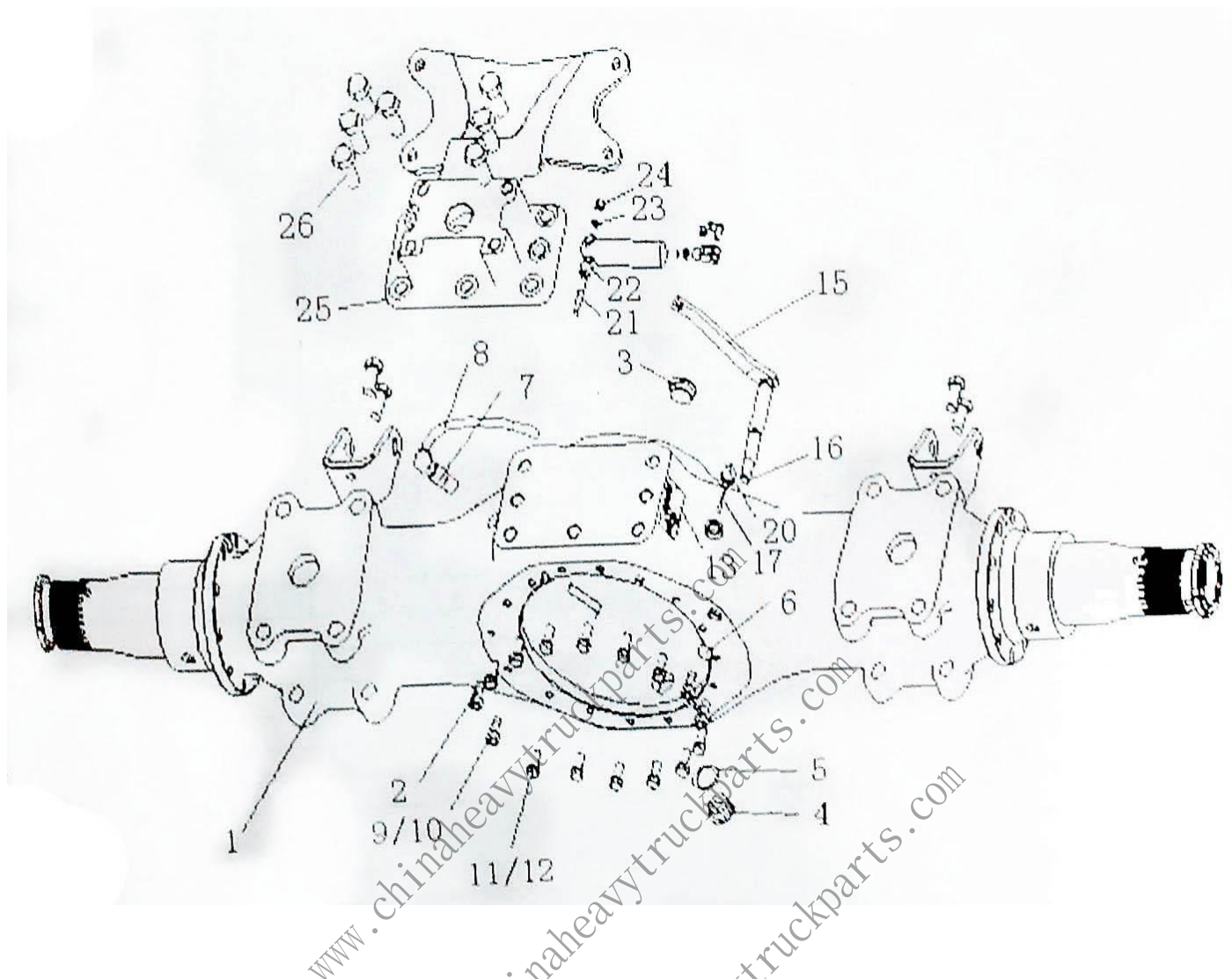
www.chinaheavytruckparts.com



FIRST REAR DRIVING AXLE, HC16 AXLE			
<i>powered by CHINA HEAVY TRUCK PARTS LTD, www.cnhtcsinotruk.com</i>			
Serial	Number	Name	Quantity
1	WG9014320120	main reduction case (first rear axle)	1
2	AZ9231320272	differential case	1
3	AZ9231320150	universal joint shaft	1
4	WG9231320151	half shaft gear	2
5	WG9231320152	planetary gear	4
6	WG9231320153	planetary gear gasket	4
7	AZ9231320154	adjusting gasket	need
7	AZ9231320155	adjusting gasket	need
7	AZ9231320156	adjusting gasket	need
7	AZ9231320157	adjusting gasket	need
7	AZ9231320158	adjusting gasket	need
8	WG9231320159	bushing	4
9	WG9231320160	bushing retaining gasket	4
10	WG9114320251	cone gear	1
100	WG9231326212	double line cone rolling bearing	1
101	Q150B1030	hexagonal head bolt	6
103	WG9012320014	shifting fork	1
104	Q2800825	slotted cone head locking screw	1
107	WG3809320156	sliding shifting sleeve	1
108	WG9012320023	bending plate	1
109	WG3809320155	fixed shifting sleeve	1
11	Q151B1635TF2	hexagonal head bolt	16
110	WG3809320158	locking gasket	1
111	WG3809320157	nut	1
114	WG2297Y4835	nameplate	1
115	190003904529	rivet	2
12	WG9114320003	locking plate	1
13	WG9231320169	hexagonal head bolt	8
14	190003326148	cone rolling bearing	2
15	WG3809320159	bearing adjusting nut for differential	2
16	WG79000320027	thrust washer	2
17	Q150B0816	hexagonal head bolt	2
18、89	Q40308	spring gasket	2
19	AZ9231320259	bridge case	1
20	AZ9231320264	cap of bridge case	1
21	WG9014320175	end cap	1
22	WG9014320118	oil plate	1
23	190003813628	double head bolt	14
24	Q1201225F3	double head bolt	4

25	Q1201028F3	double head bolt	18
26	Q150B1025	hexagonal head bolt	8
27	Q150B1020Q	hexagonal head bolt	8
28	Q340B12	hexagonal head nut	18
29、84	Q340B10	hexagonal head nut	18
30	Q40312	spring gasket	18
31、102	Q40310	spring gasket	34
32	Q5211016	column pin	4
33	WG9014320208	driven column gear Z=26 ratio 4.8	1
33	WG9014320137	driven column gear ratio 5.73	1
33	WG9114320001	driven column gear Z=27 ratio 3.93/4.42	1
34	WG9014320136	driving column gear ratio 5.73	1
34	WG9214320002	driving column gear Z=35 ratio 3.93/4.42	1
34	WG9014320209	driven column gear Z=35 ratio 4.8	1
35	WG9014320257	rolling bearing	1
36	WG9014320256	steel retaining ring	1
37	190003326333	cone rolling bearing	2
38	190003311543	annular ball bearing with snap ring groove	2
39	190003310239	ball bearing	1
40	WG9014320174	oil retaining plate	1
41	WG9014320140	space ring	1
42	WG9014320129	bearing seat	1
43	WG9014320128	outer ring pressure plate for bearing	1
44	WG9014320131	adjusting gasket	need
44	WG9014320132	adjusting gasket	need
44	WG9014320133	adjusting gasket	need
44	WG9014320134	adjusting gasket	need
45	WG780320088	pressure plate for bearing	1
46	WG9114320002	locking plate-tightning bolt	1
47	Q150B1430TF2	hexagonal head bolt	3
48	190003813543	double head bolt	8
49	Q33210	hexagonal head nut	8
50	WG9014320135	hollow shaft	1
51	WG9012250031	slotted nut	1
52	Q433130	flatten steel retaining ring for shaft	2
53	190003933580	elastic retaining ring for shaft	1
54	AZ9231320271	differential case	1
55	WG9231320226	rear half shaft gear	1
56	WG9231320225	front half shaft gear	1
57	WG9231320227	planetary gear	4
58	AZ9231320223	universal joint shaft	1
59	WG9231320224	planetary gear gasket	4

60	WG9231320221	bushing	4
61	WG9231320222	bushing retaining ring	4
62	AZ9231320091-95	front bearing gasket	need
63	AZ9231320096-100	rear bearing gasket	need
64	Q151C1280TF2	hexagonal head bolt	12
65	WG9014320061	gasket for differential case	1
66	AZ9128320014	XS Φ 180 flange	1
67、98	WG79000320013	flange nut	1
68、99	Q5005055	cotter	1
69	WG81500010163	screw plug	1
70	15863315	magnetic screw plug	2
71	Q72336	sealing gasket	3
72	WG288320105	lock ring of differential	1
73	WG288320106	lock pin for differential	10
74	WG9014320053	shifting fork	1
75、106	WG1800320077	shifting fork moving block	2
76	WG9014320076	differential arm rocking arm assy	1
77	WG2700320037	bushing	1
78	AZ9231320038	O-ring	1
79	WG288730062	O-type sealing ring	1
80	190003933072	elastic retaining ring for shaft	1
81	190003902070	slotted long column locking screw	1
82、105	Q340B08	I-type hexagon nut	1
83	Q150B1050Q	hexagonal head bolt	1
85	WG69000330008	pin	1
86	Q43705	steel retaining ring for shaft	1
87	AZ9231320262	support	1
88	Q150B0818	hexagonal head bolt	2
90	WG61000060072	space bushing	1
91	Q40108	flat gasket	1
92	Q33208	hexagon locking nut	1
93、112	190003070026	sealing ring for shaft	1
94、113	190003078772	sealing ring for shaft	1
95	AZ9231320261	driving shaft	1
96	WG9231320205	Φ 165 output flange assy	1
97	WG9231320141	bearing seat	1



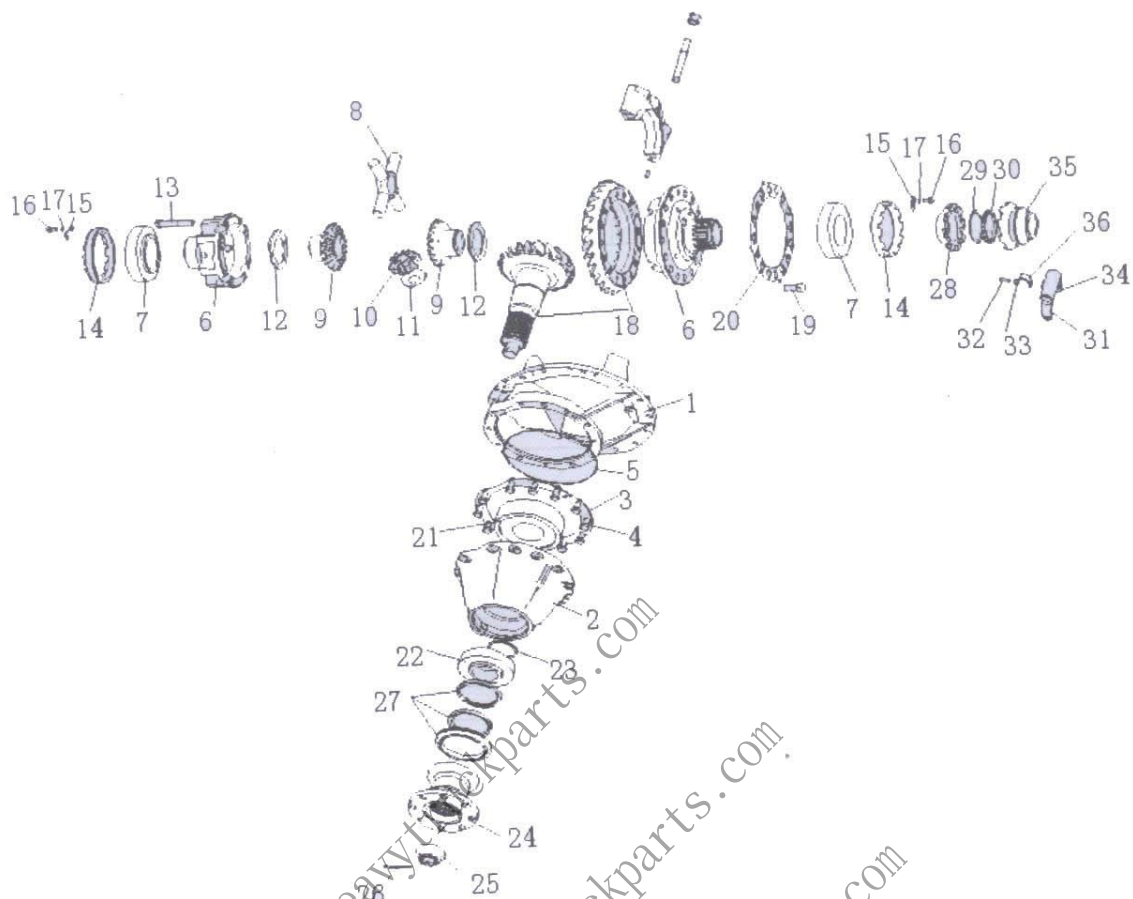
REAR DRIVING AXLE CASE, HC16 AXLE			
powered by CHINA HEAVY TRUCK PARTS LTD, www.cnhtcsinotruk.com			
Serial	Number	Name	Quantity
1	AZ9231330948	rear axle case	1
2	Q5211016	column pin	1
3	WG81500010163	screw plug	1
4	WG9231330015	magnetic screw plug assy	1
5	Q72336	sealing ring	2
6	190003989290	plug	1
7	WG9231330105	air plug	1
8	WG9231330106	rubber tube	1
9	Q151C1230TF2	hexagonal head bolt	12
10	Q40312	spring gasket	16
11	190003810631	double head bolt	4
12	190003888457	self-locking nut	4
13	WG2297Y4835	nameplate	1

14	190003904529	rivet	2
15	WG9014330125	joystick assy	1
16	1680M320015	O type gasket	1
17	WG9112330016	pin	1
18	WG9231330808	pin	1
19	WG9231330809	pin	1
20	Q43705	steel retaining ring for shaft	1
21	Q1200850F3	double head bolt	1
22	WG61000060084	space bushing	1
23	Q40108	flat gasket	1
24	Q33208	hexagonal locking nut	1
25	WG9231340943	support of chamber	1
26	Q151B2045TF2	hexagonal head bolt	7

www.chinaheavytruckparts.com

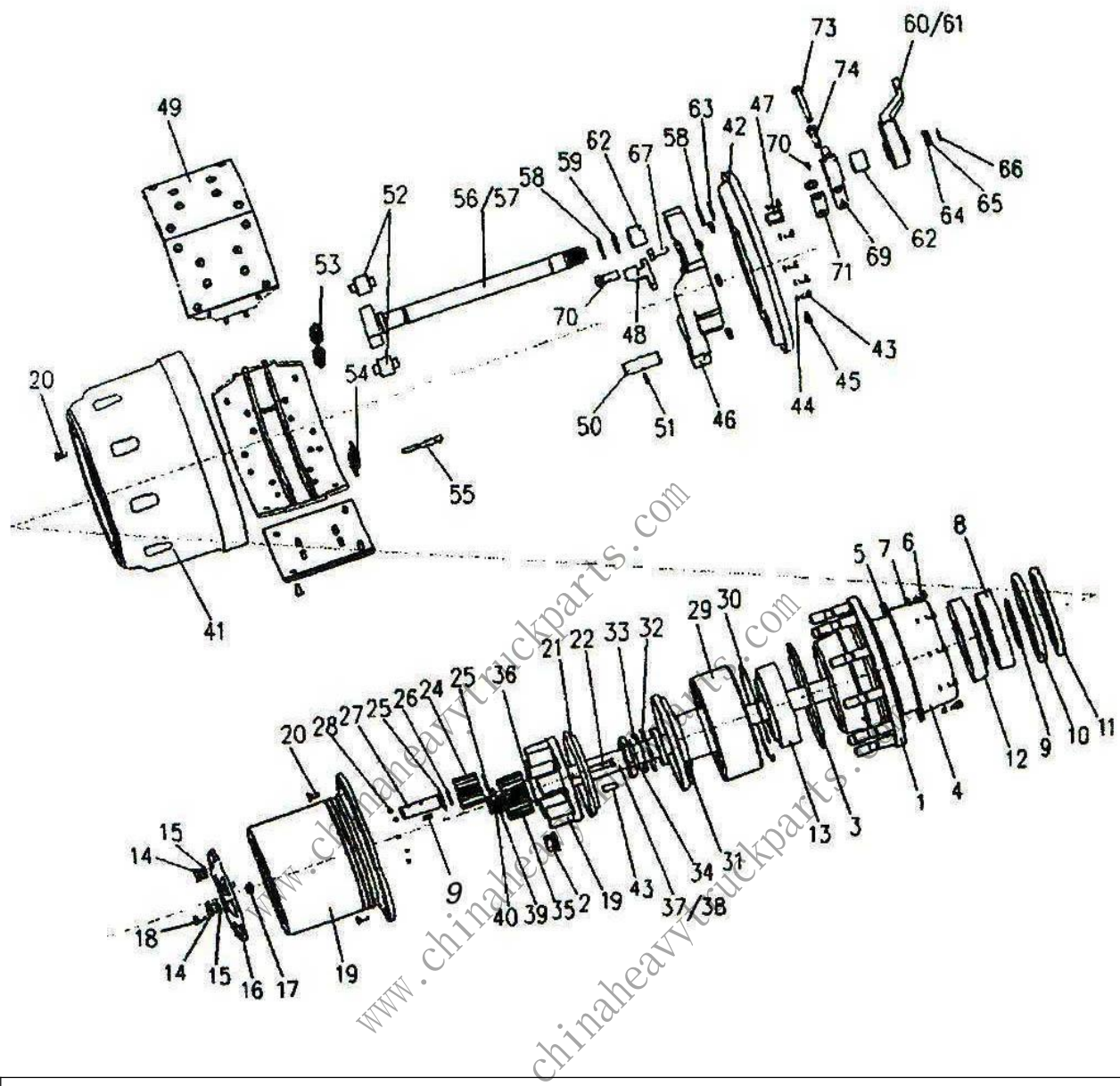
www.chinaheavytruckparts.com

www.chinaheavytruckparts.com



REAR DRIVING AXLE, HC16 AXLE			
powered by CHINA HEAVY TRUCK PARTS LTD, www.cnhtcsinotruk.com			
Serial	Number	Name	Quantity
	AZ9231342018	rear brake lining (8 holes 202x220x14.5)	
	AZ9231320273	differential assy (0273)	
1	199012320098	main reduction case	1
2	WG9012320131	bearing seat	1
3	WG9012320173-176	adjusting gasket	1
4	Q150B1230TF2	hexagonal head bolt	12
5	WG9012320133	sealing ring	1
6	AZ9231320274	differential case	1
7	190003326148	cone rolling bearing	2
8	AZ9231320150	universal joint shaft	
9	WG9231320151	half shaft gear	2
10	WG9231320152	planetary gear	4
11	WG9231320153	planetary gear gasket	4
12	AZ9231320154-158	adjusting gasket	1
13	WG9231320169	hexagonal head bolt	8
14	WG3809320159	bearing adjusting nut for differential	2

15	WG79000320027	thrust washer	2
16	Q150B0816	hexagonal head bolt	2
17	Q40308	spring gasket	2
18	WG9231320912	cone gear ratio 4.8	1
18	WG9231320911	cone gear ratio 3.93/4.42	1
18	WG9231320913	cone gear ratio 5.73	1
19	Q151B1632TF2	hexagonal head bolt	16
20	WG9114320003	locking plate-driven cone gear bolt	1
21	190003326546	cone rolling bearing	1
22	190003326236	cone rolling bearing	1
23	WG880320002-15	adjusting gasket	1
24	WG9231320110	Φ 165 flange	1
25	WG79000320013	flange nut	1
26	Q5005055	cotter	1
27	WG9231320001	main reduction oil seal assy	1
28	WG3809320155	fixed shifting sleeve	1
29	WG3809320158	thrust washer	1
30	WG3809320157	nut	1
31	WG9012320014	shifting fork	1
32	Q2800825	slotted cone head locking screw	1
33	Q340B08	I-type hexagon nut	1
34	WG1800320077	shifting fork moving block	2
35	WG3809320156	sliding shifting sleeve	1
36	WG9012320023	bending plate	1
37	WG2297Y4835	nameplate	2



WHEEL REDUCTOR AND BRAKE, HC16 AXLE			
powered by CHINA HEAVY TRUCK PARTS LTD, www.cnhtcsinotruk.com			
Serial	Number	Name	Quantity
1	AZ9231340910	read hub assy	2
2	WG9003884160	bolt for wheel	20
3	WG9012340029	sealing ring	2
4	WG9231340921	oil retaining cover	2
5	WG9012340020	sealing gasket	2
06、 43	Q150B0816	hexagonal head bolt	20
07、 44	Q40308	spring gasket	20
8	WG9231340917	space ring	2
9	WG9231340129	kingpin bearing ratio 3.93	20

9	WG99-934-013	kingpin bearing ratio 4.8/4.42/5.73	20
10	WG9112340113	sealing ring for shaft	2
11	WG9112340114	sealing ring for shaft	2
12、 13	190003326167	cone rolling bearing	4
14	190003961309	column head inner hexagon screw plug	4
15	190003098026	sealing gasket	4
16	WG9231340001	cap	2
17	WG9012340011	cap pin	2
18	Q150B1018	hexagonal head bolt	20
19	199112340029	planetary carrier assy ratio 4.8/4.42/5.73	2
19	AZ9231340128	planetary carrier assy ratio 3.93	2
20	Q2541025	cross recess screw	8
21	WG880420027	oil retaining plate for planetary carrier	2
22	Q151C1295TF2	hexagonal head bolt	10
23	190003901704	column pin	10
24	WG9012340122	planetary wheel Z=16	10
25	WG9012340075	planetary wheel gasket ratio 4.8/4.42/5.73	20
25	WG9231340131	planetary wheel gasket ratio 3.93	10
26	WG9012340077	gasket	10
27	WG9012340004	planetary shaft ratio 4.8/4.42/5.73	10
27	WG9231340130	planetary shaft ratio 3.93	10
28	190003330148	steel ball	10
29	WG9012340121	annular gear ring Z=57	2
30	WG880420014	retaining ring for shaft	2
31	WG9112340021	gear ring carrier assy ratio 4.8	2
31	WG9231340125	gear ring carrier assy ratio 3.93	2
32	WG880420034	thrust gasket ring	2
33	WG680340015	thrust gasket	2
34	WG680340016	adjusting gasket 0.1	need
34	WG680340017	adjusting gasket 0.2	need
34	WG680340018	adjusting gasket 1	need
34	WG680340019	adjusting gasket 1.5	need
34	WG680340186	adjusting gasket 0.5	need
34	WG680340187	adjusting gasket 0.15	need
35	WG9012340005	sun wheel Z=23 ratio 4.8/4.42/5.73	2
35	WG9231340121	sun wheel ratio 3.93	2
36	WG9012340076	sun wheel gasket	2
37	WG9231340223	half shaft left	1
38	WG9231340224	half shaft right	1
39	WG880410097	gasket ratio 4.8/4.42/5.73	2
39	WG9231340132	gasket ratio 3.93	2
40	190003933351	elastic retaining ring for shaft	2

41	WG9231342006	rear brake drum	2
42	AZ9231342008	dust cover for brake	2
44	Q40308	spring gasket	12
45	WG880340037	sealing ring	8
46	AZ9231340562	brake plate	2
47	WG9112340010	output protection cover for ABS sensor	2
48	AZ9231340956	support for ABS sensor	2
49	AZ9231342010	brake shoe with lining assy	4
50	AZ9231340104	backing pin	4
51	Q5280624	elastic column pin	4
52	WG9231340105	rolling wheel	4
52a	WG9231340106	support for rolling wheel of brake shoe	4
53	WG2258W803	returning spring	2
54	WG9112340049	returning spring	4
56	WG9231340226	left brake crankshaft	1
57	WG9231340227	right brake crankshaft	1
58	WG880440010	additional gasket	4
59	WG880340023	O-ring	2
60	WG9100340056	left slack adjuster arm	1
61	WG9100340057	right slack adjuster arm	1
62	WG9100340017	compound bushing	4
63	190003933300	elastic retaining ring for shaft	2
64	WG880340022	gasket	2
65	WG80320028	adjusting gasket	need
65	WG80320029	adjusting gasket	need
65	WG80320030	adjusting gasket	need
65	WG80320046	adjusting gasket	need
66	190003933116	spring retaining ring for shaft	2
67	Q151B1635TF2	hexagonal head bolt	16
68	Q151B1645TF2	hexagonal head bolt	4
69	199014340041	support for crankshaft	2
70	190003963112	grease nipple	2
71	WG880340031	adjusting gasket 0.1	need
71	WG880340032	adjusting gasket 0.15	need
71	WG880340033	adjusting gasket 0.4	need
71	WG880340034	adjusting gasket 1	need
72	WG3809470031	adjusting gasket	need
72	WG3809470032	adjusting gasket	need
72	WG3809470033	adjusting gasket	need
73	Q151B1490	hexagonal head bolt	2
74	Q151B1445	hexagonal head bolt	2