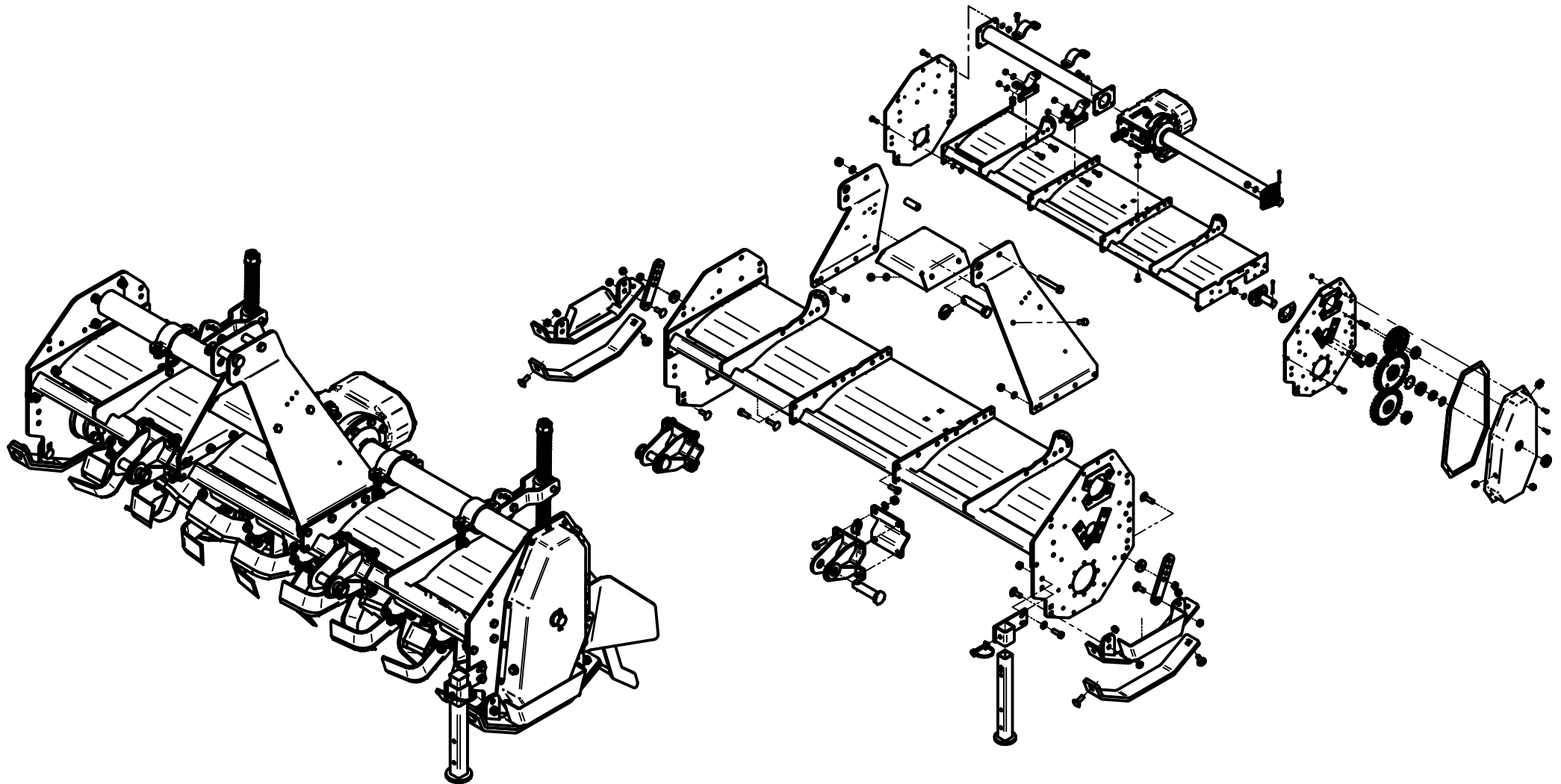
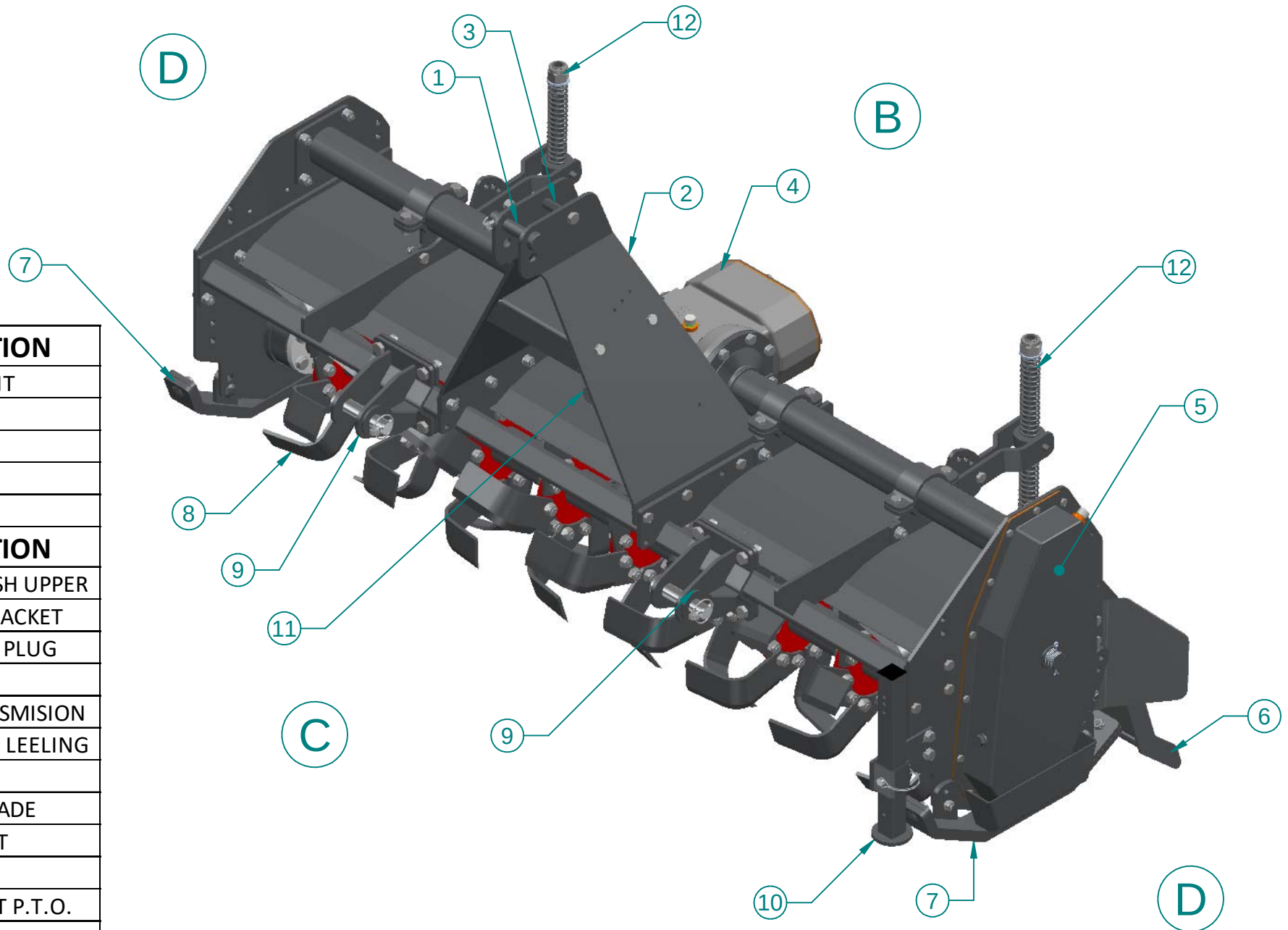
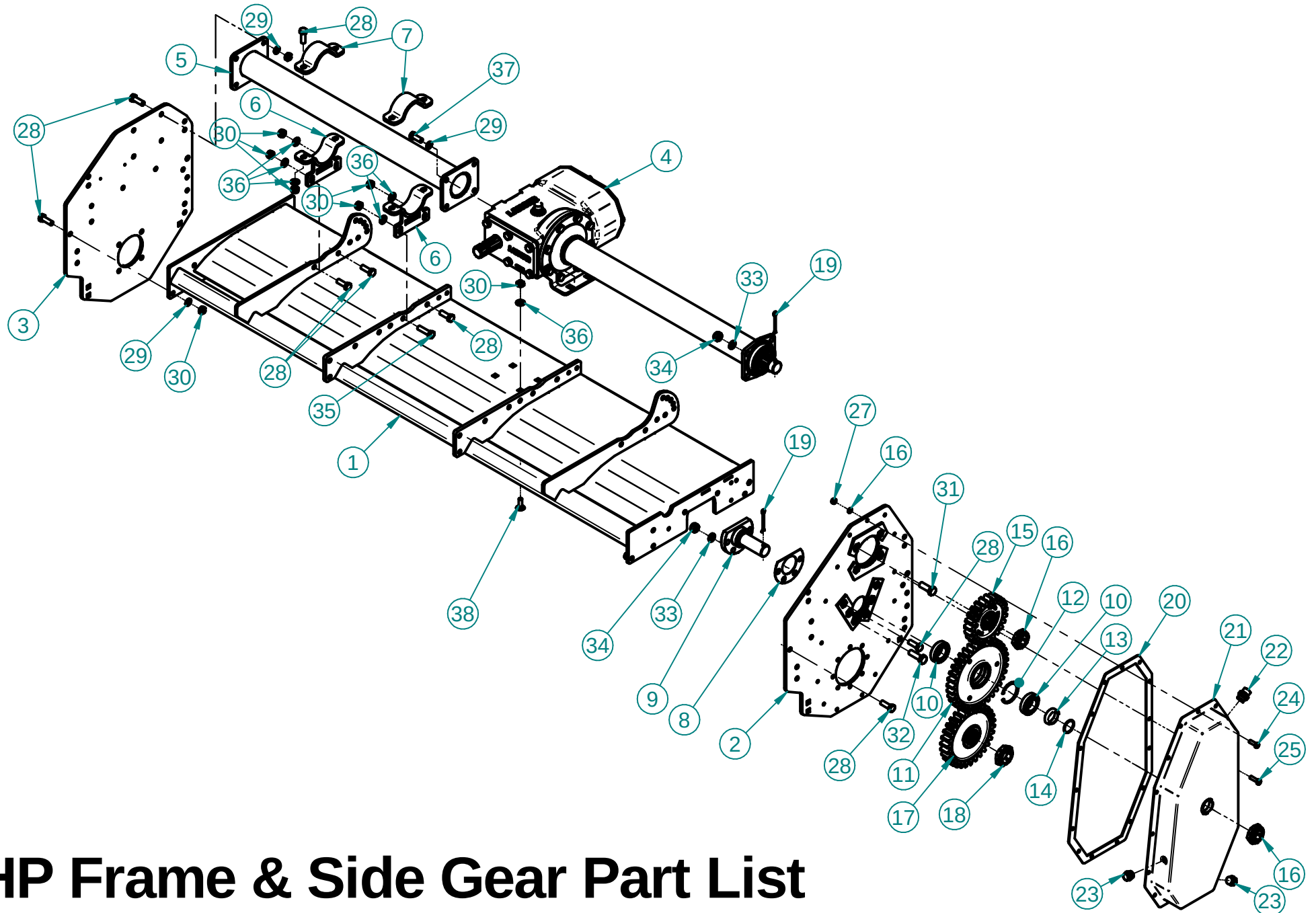


HP Series Rotary Tiller Part List



NO.	DESCRIPTION
A	FORWARD-FRONT
B	REVERSE-BACK
C	RIGHT SIDE-RH
D	LEFT SIDE - LH
NO.	DESCRIPTION
1	PIN/LIFTING BUSH UPPER
2	THREE POINT BRACKET
3	SPACER/LIFTING PLUG
4	GEARBOX BODY
5	SIDE GEAR TRANSMISSION
6	BACK HOOD FOR LEELING
7	DEPTH SKID
8	ROTOR WITH BLADE
9	LIFTING BRACKET
10	PARKING STAND
11	DRIVE SHAFT FOT P.T.O.
12	ADJUSTMENT PIPE

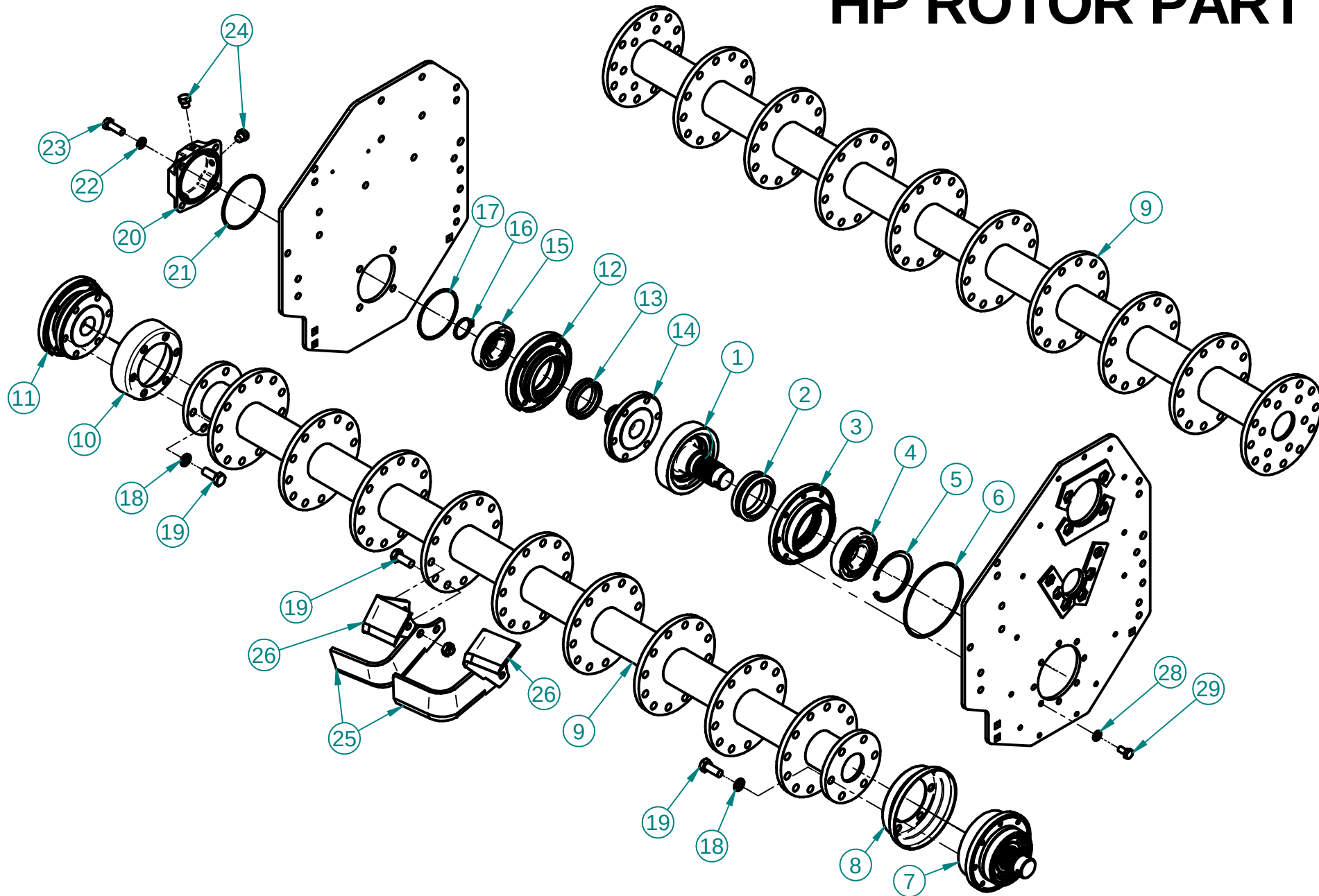




HP Frame & Side Gear Part List

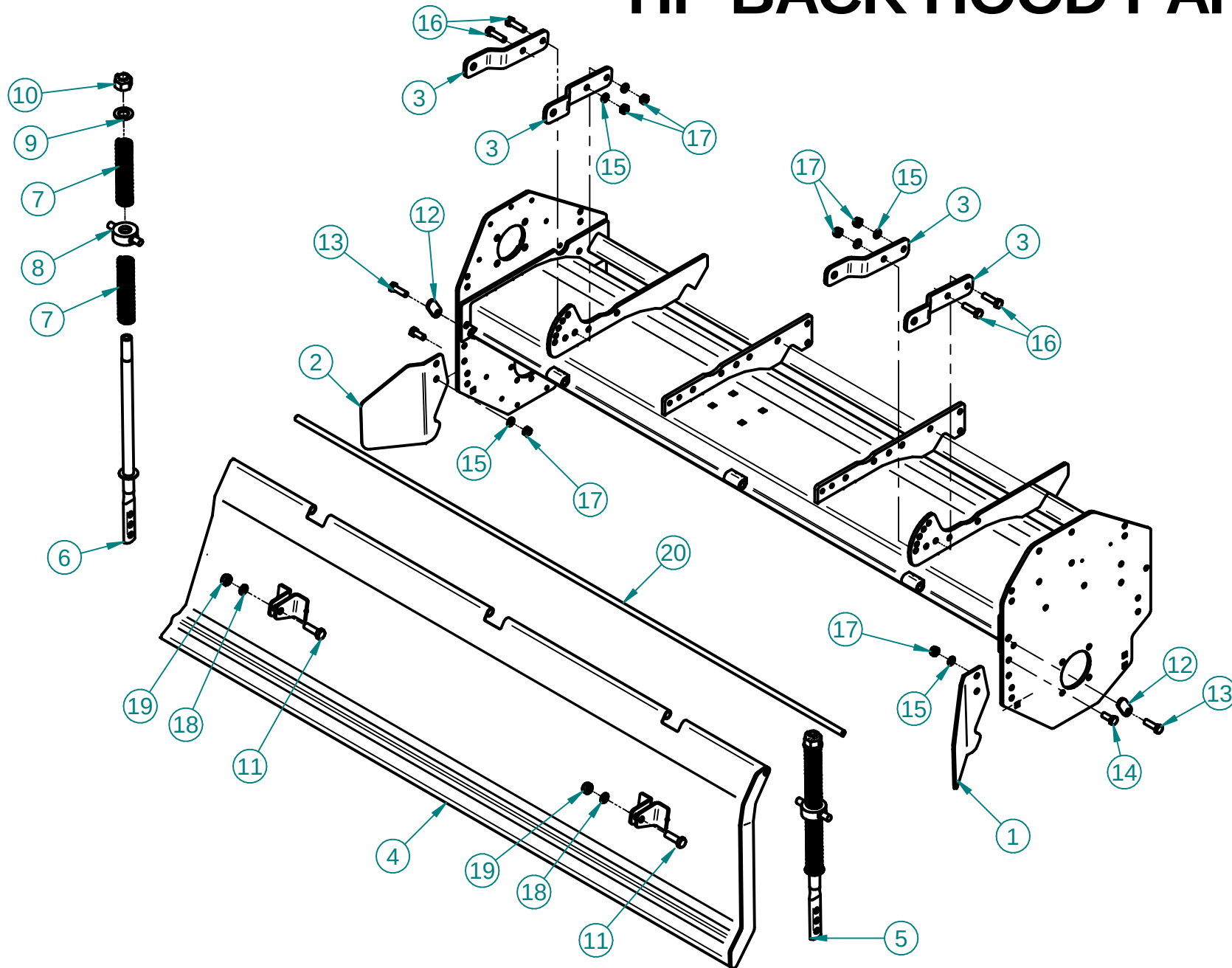
			HP 105	HP 125	HP 145	HP 165	HP 185	HP 205
Item No	Sales code	Item Name	Qty					
1	1102144	Frame HP 105 NEW	1					
	1102145	Frame HP 125 NEW	1					
	1102146	Frame HP 145 NEW	1					
	1102147	Frame HP 165 NEW	1					
	1102148	Frame HP 185 NEW	1					
	1102149	Frame HP 205 NEW	1					
2	1102060	Side Plate RH HP	1					
3	1102139	Side Plate LH HP NEW	1					
4	1102054	Gearbox Assly HP 105	1					
	1102055	Gearbox Assly HP 125	1					
	1102056	Gearbox Assly HP 145	1					
	1102057	Gearbox Assly HP 165	1					
	1102058	Gearbox Assly HP 185	1					
	1102059	Gearbox Assly HP 205	1					
5	1102150	Gearbox Pipe Support HP 105 NEW	1					
	1102151	Gearbox Pipe Support HP 125 NEW	1					
	1102152	Gearbox Pipe Support HP 145 NEW	1					
	1102153	Gearbox Pipe Support HP 165 NEW	1					
	1102154	Gearbox Pipe Support HP 185 NEW	1					
	1102155	Gearbox Pipe Support HP 205 NEW	1					
6	1102076	Gearbox Pipe Bracket HP	2	2	2	4	4	4
7	1101101	Gearbox Pipe Clamp	2	2	2	4	4	4
8	1102078	Gasket Center Pin	1					
9	1102077	Center Gear Pin HP	1					
10	9152016	32007 Tapered Roller Bearing	2					
11	1102080	Central Gear Z 35 HP	1					
12	9161009	Internal Circlip 62 x 2 D472	1					
13	9303502	Bush ID 35.1 x 46 x 14.5 mm	1					
14	9189922	O-Ring 34.59 ID x 2.62 C-S	1					
15	1102079	Upper Gear Z 23 HP	1					
16	9133501	Hex Slotted Check Nut M35 x 1.5P	2					
17	1101106	Lower Gear Z 30	1					
18	9134001	Hex Slotted Check Nut M40 x 1.5 P	1					
19	9170403	Split Pin Dia.4 x 70 lg	2					
20	1102082	Gasket Gear Cover	1					
21	1102083	Gear Cover HP	1					
22	9191004	Breathing Plug G1_2 with O-ring (O-ring Size ID 19 x 2.5)	1					
23	9191012	Plug G 1_2 with O-ring (O-ring Size ID 19 x 2.5)	2					
24	9100804	Hex Bolt M8 x 25 8.8 Zn D933	14					
25	9100805	Hex Bolt M8 x 30 8.8 Zn D933	1					
26	9140801	Spring Washer M8 Zn D127	15					
27	9130804	Nylock Nut M8-8 Zp D985	15					
28	9101206	Hex Bolt M12 x 35 8.8 Zn D933	28	28	28	36	36	36
29	9141201	Spring Washer M12 Zn D127	18					
30	9131204	Nylock Nut M12-8 Zp D985	30	30	30	38	38	38
31	9121411	Hex Bolt M14 x 1.5P x 40 HT 10.9 Zn	4					
32	9121406	Hex Bolt M14 x 1.5P x 45 8.8 Zn D961	4					
33	9141401	Spring Washer M14 Zn D127	8					
34	9131405	Nylock Nut M14 x 1.5-8 Zp D985	8					
35	9111201	Hex Bolt M12 x 45 HT 8.8 Zn D931	2					
36	9141202	Washer M12 Zn D125A	18	18	18	26	26	26
37	9101205	Hex Bolt M12 x 30 8.8 Zn D933	4					
38	9071201	Mushroom Head SQ. Neck Bolt M12 x 30 lg 8.8 Zn D60	2					

HP ROTOR PART LIST

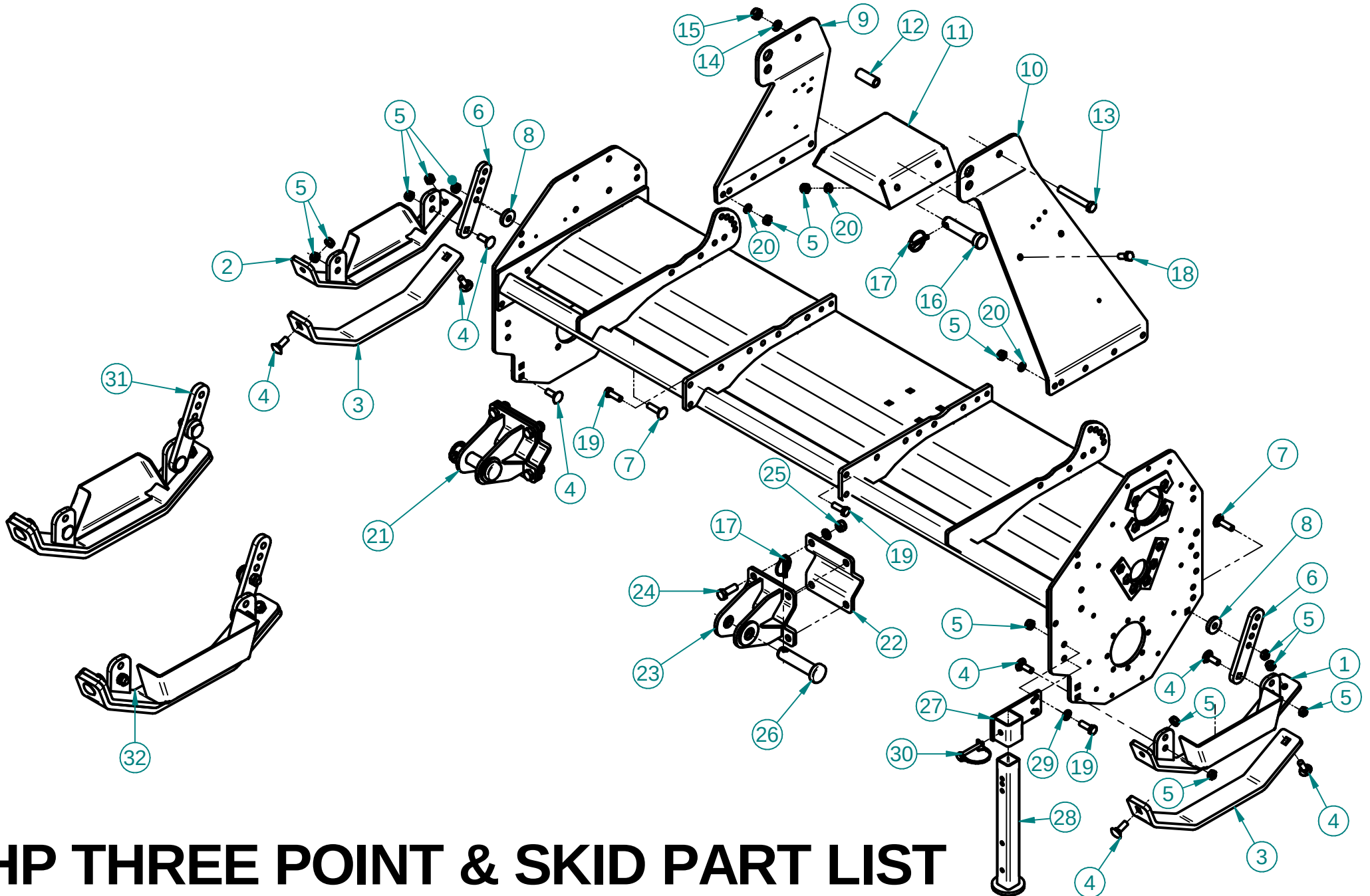


			HP 105	HP 125	HP 145	HP 165	HP 185	HP 205
Item No	Sales code	Item Name	Qty					
1	1102167	Hub shaft gear side HP	1					
2	9180002	Mechanical Seal 93 with O-ring	1					
3	1101022	Hub housing gear side	1					
4	9150014	6309 Deep Groove Ball Bearing	1					
5	9161024	Internal Circlip 100 x 3 D472	1					
6	9189906	O-Ring 148.82 ID x 3.53 C-S	1					
7	1102168	Hub Assly gear side HP	1					
8	1102015	Dust cover gear side HP	1					
9	1102175	Rotor open 118 pcd HP 105	1					
	1102176	Rotor open 118 pcd HP 125		1				
	1102177	Rotor open 118 pcd HP 145			1			
	1102178	Rotor open 118 pcd HP 165				1		
	1102179	Rotor open 118 pcd HP 185					1	
	1102180	Rotor open 118 pcd HP 205						1
	1102169	Rotor HP 105 Close type 118	1					
	1102170	Rotor HP 125 Close type 118		1				
	1102171	Rotor HP 145 Close type 118			1			
	1102172	Rotor HP 165 Close type 118				1		
	1102173	Rotor HP 185 Close type 118					1	
	1102174	Rotor HP 205 Close type 118						1
10	1102181	DUST COVER LH HP	1					
11	1102166	Hub Assly oil cup side HP	1					
12	1102165	Hub housing oil cup side HP	1					
13	9180001	Mechanical Seal Small 76.3 with O-ring	1					
14	1102164	Hub shaft oil cup side HP	1					
15	9150013	6308 Deep Groove Ball Bearing	1					
16	9164010	External Circlip HD 40 x 2.5 D471	1					
17	9189907	O-Ring 97 ID x 3 C-S	1					
18	9141401	Spring Washer M14 Zn D127	12					
19	9121404	Hex Bolt M14 x 1.5P x 35 H.T 10.9 Zn D931	72	84	96	108	120	132
20	1102143	Oil Cup HP Cast.par	1					
21	9189917	O-Ring 104.37 ID x 3.53 C-S	1					
22	9141201	Spring Washer M12 Zn D127	4					
23	9101206	Hex Bolt M12 x 35 8.8 Zn D933	4					
24	9191020	Plug G 1_4 with O-ring (O-ring Size ID 11 x 2)	2					
25	1102007	Blade L Type LH 14 x 46	15	18	21	24	27	30
	1102009	Blade C Type LH 14 x 46	15	18	21	24	27	30
26	1102008	Blade L Type RH 14 x 46	15	18	21	24	27	30
	1102010	Blade C Type RH 14 x 46	15	18	21	24	27	30
27	9131405	Nylock Nut M14 x 1.5-8 Zp D985	60	72	84	96	108	120
28	9141002	Washer M10 Zn D125A	8					
29	9121005	Hex Bolt M10 x 1P x 20 10.9 Zn D961	8					

HP BACK HOOD PART LIST



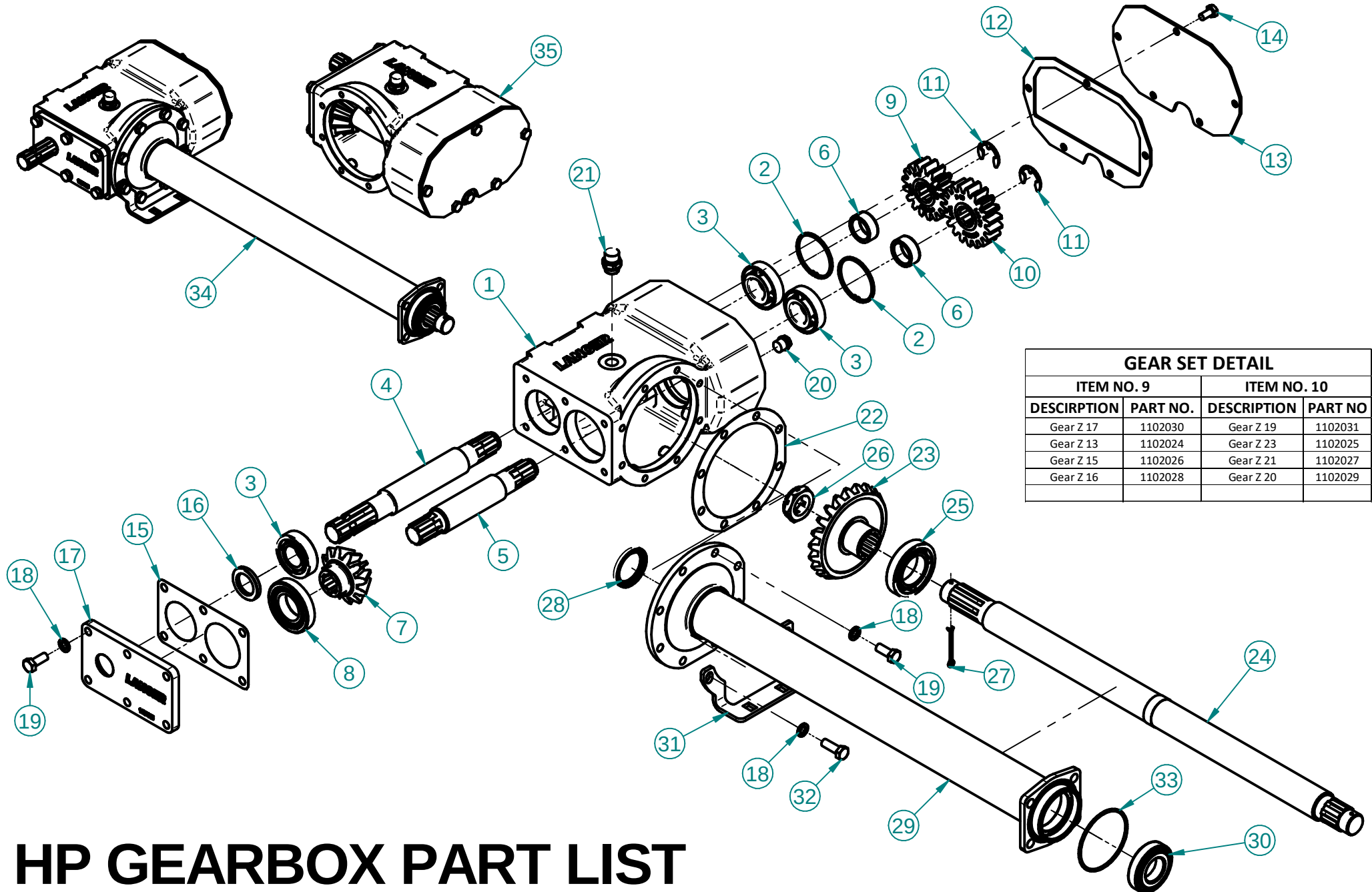
			HP 105	HP 125	HP 145	HP 165	HP 185	HP 205
Item No	Sales code	Item Name	Qty					
1	1101140	Side Protection LH	1					
2	1101141	Side Protection RH	1					
3	1102182	Support for Spring Stud HP	4					
4	1102085	Back Hood HP 105	1					
	1101223	Back Hood HD 125 new		1				
	1101224	Back Hood HD 145 new			1			
	1101225	Back Hood HD 155 NEW				1		
	1101226	Back Hood HD 180 New					1	
	1101227	Back Hood HD 200 new						1
5	1101130	Adjustment Pipe Assly	2					
6	1101127	Adjustment Pipe	2					
7	1101128	Spring D 38 5W 180L	4					
8	1101129	Bracket Spring Stud	2					
9	9142402	Washer M24 Zn D125A	2					
10	9132403	Nylock Nut M24 x 2-8 Zp D982	2					
11	9121406	Hex Bolt M14 x 1.5P x 45 8.8 Zn D961	2					
12	1101003	Hinge Cover	2					
13	9111209	Hex Bolt M12 x 40 HT 8.8 Zn D931	2					
14	9101205	Hex Bolt M12 x 30 8.8 Zn D933	4					
15	9141201	Spring Washer M12 Zn D127	10					
16	9111201	Hex Bolt M12 x 45 HT 8.8 Zn D931	4					
17	9131204	Nylock Nut M12-8 Zp D985	10					
18	9141401	Spring Washer M14 Zn D127	2					
19	9131405	Nylock Nut M14 x 1.5-8 Zp D985	2					
20	1102084	Hinge Bar HP 105	1					
	1101240	Hinge Bar HD 125 new		1				
	1101241	Hinge Bar HD 145			1			
	1101242	Hinge Bar HD 155				1		
	1101243	Hinge Bar HD 180					1	
	1101244	Hinge Bar HD 200 new						1



HP THREE POINT & SKID PART LIST

			HP 105	HP 125	HP 145	HP 165	HP 185	HP 205
Item No	Sales code	Item Name	Qty					
1	1101256	Skid RH H				1		
2	1101257	Skid LH H				1		
3	1101258	Skid Bottom H				2		
4	9071202	Mushroom Head SQ. Neck Bolt M12 x 35 lg 8.8 Zn D60				8		
5	9131204	Nylock Nut M12-8 Zp D985				22		
6	1101134	Skid Adjuster Plate				2		
7	9071203	Mushroom Head SQ. Neck Bolt M12 x 45 lg 8.8 Zn D60				2		
8	9301302	Spacer ID 13 x 40 x 8 mm				2		
9	1102091	Three Point Bracket LH				1		
10	1102092	Three Point Bracket RH				1		
11	1102093	Three point support				1		
12	9301601	Spacer ID 16 x 22 x 56 L				1		
13	9111408	Hex Bolt M14 x 100 HT 8.8 Zn D931				1		
14	9141401	Spring Washer M14 Zn D127				9		
15	9131404	Nylock Nut M14-8 Zp D985				1		
16	9172501	Pin D 25 x 105				1		
17	9170801	Linch Pin 8 x 45				2		
18	9101205	Hex Bolt M12 x 30 8.8 Zn D933				4		
19	9101206	Hex Bolt M12 x 35 8.8 Zn D933				3		
20	9141201	Spring Washer M12 Zn D127				10		
21	1102200	Lifting Bracket Kit HP				2		
22	1102090	Lifting Bracket clamp HP 4H				2		
23	1102089	Lifting Bracket HP				2		
24	9121405	Hex Bolt M14 x 1.5P x 40 HT 10.9 Zn D931				8		
25	9131405	Nylock Nut M14 x 1.5-8 Zp D985				8		
26	9172801	Pin D 28 x 115				2		
27	1104099	Parking Stand Bracket H				1		
28	1104054	Parking stand HL				1		
29	9141202	Washer M12 Zn D125A				2		
30	9170805	PTO PIN 8 X 70				1		
31	1101272	Skid LH Kit HD				1		
32	1101273	Skid RH Kit HD				1		

HP

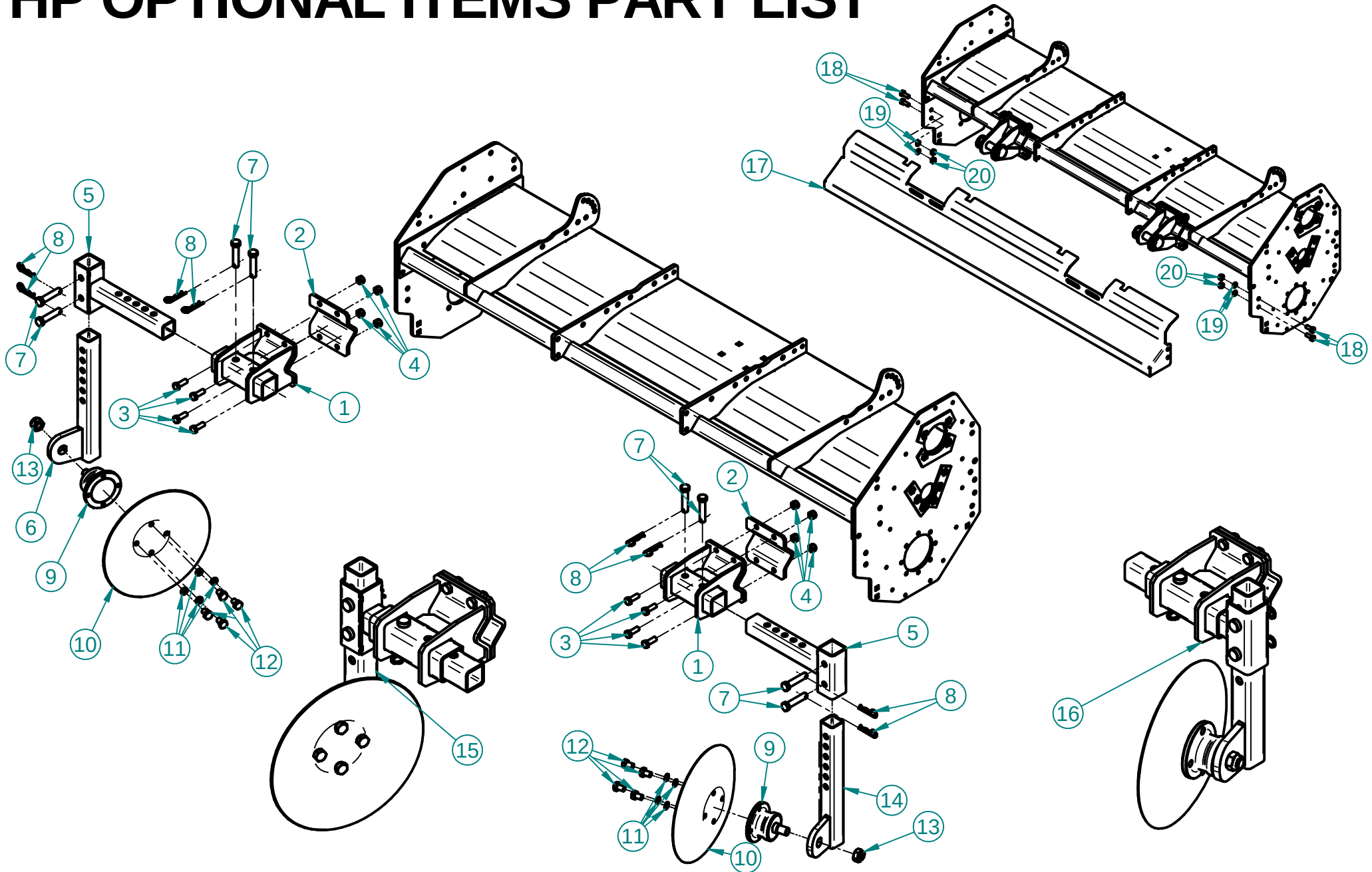


GEAR SET DETAIL			
ITEM NO. 9		ITEM NO. 10	
DESCRIPTION	PART NO.	DESCRIPTION	PART NO
Gear Z 17	1102030	Gear Z 19	1102031
Gear Z 13	1102024	Gear Z 23	1102025
Gear Z 15	1102026	Gear Z 21	1102027
Gear Z 16	1102028	Gear Z 20	1102029

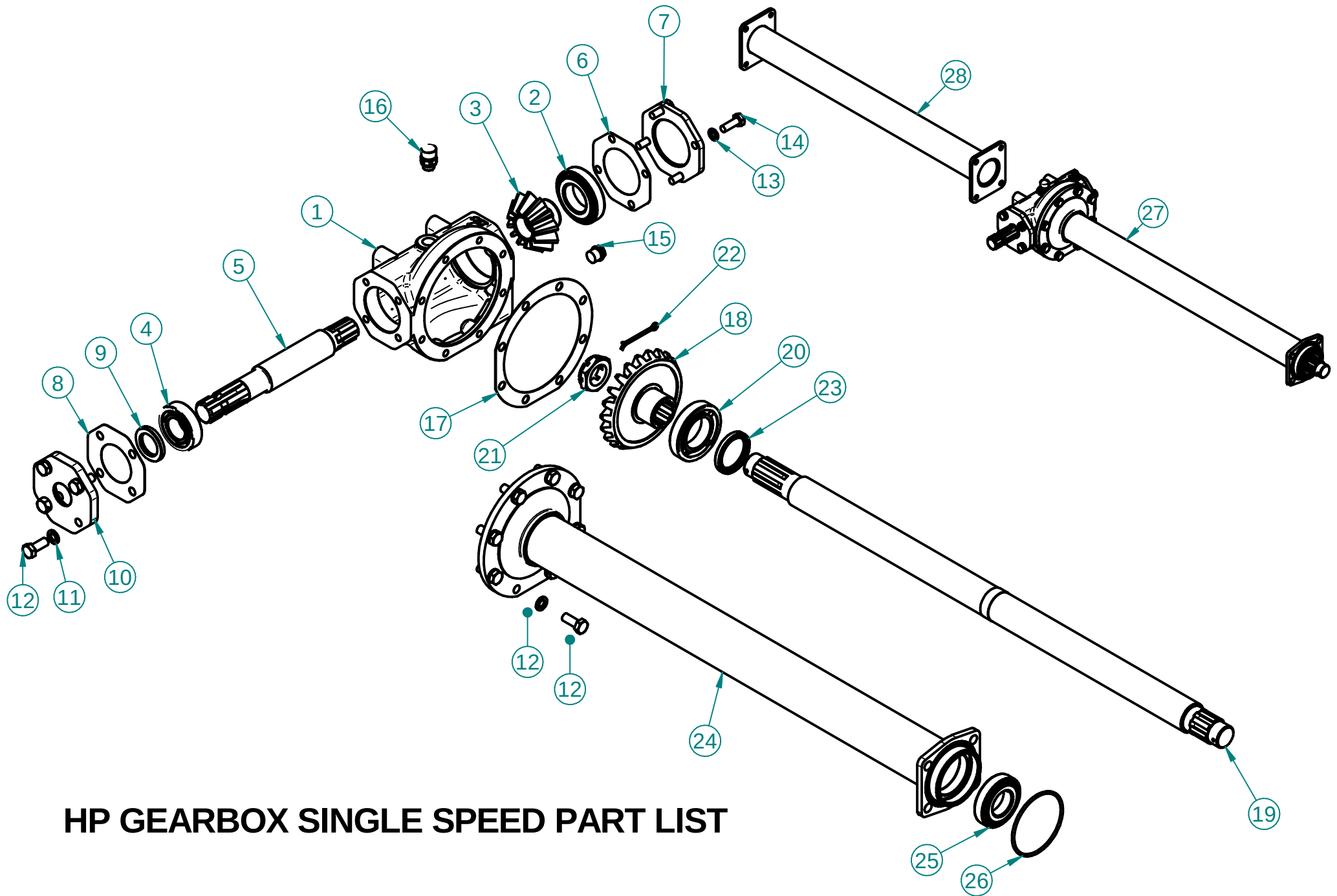
HP GEARBOX PART LIST

			HP 105	HP 125	HP 145	HP 165	HP 185	HP 205
Item No	Sales code	Item Name	Qty					
1	1102018	Gearbox Body HP	1					
2	9162015	Internal Circlip HD 72 x 3 D472	2					
3	9152009	32207 Tapered Roller Bearing	3					
4	1102019	Drive Shaft	1					
5	1102020	Intermediate Shaft	1					
6	9303501	Bush ID 35.1 x 46 x 18 mm	2					
7	1102022	Pinion 12 Teeth	1					
8	9152003	30209 Tapered Roller Bearing	1					
9	1102024	Gear Z 13	1					
	1102026	Gear Z 15	1					
	1102028	Gear Z 16	1					
	1102030	Gear Z 17	1					
10	1102031	Gear Z 19	1					
	1102029	Gear Z 20	1					
	1102027	Gear Z 21	1					
	1102025	Gear Z 23	1					
11	9169001	External Circlip E Type 24 x 2 D6799	2					
12	1102032	Gasket Back Cover HP	1					
13	1102033	Back Cover	1					
14	9101003	Hex Bolt M10 x 20 8.8 Zn D933	5					
15	1102034	Gasket Front Cover	1					
16	9183503	OIL SEAL 35 x 54 x 10	1					
17	1102035	Front Cover	1					
18	9141201	Spring Washer M12 Zn D127	14					
19	9101205	Hex Bolt M12 x 30 8.8 Zn D933	12					
20	9191011	Plug G 3_8 with O-ring (O-ring Size ID 14.5 x 2)	1					
21	9191004	Breathing Plug G1_2 with O-ring (O-ring Size ID 19 x 2.5)	1					
22	1102036	Gasket Flange Big 0.15 mm	1					
	1102037	Gasket Flange Big 0.3 mm	1					
	1102038	Gasket Flange Big 0.5 mm	1					
	1102039	Gasket Flange Big 0.8 mm	1					
23	1102023	Bevel 22 Teeth	1					
24	1102040	Transmission Shaft HP 105	1					
	1102041	Transmission Shaft HP 125		1				
	1102042	Transmission Shaft HP 145			1			
	1102043	Transmission Shaft HP 165				1		
	1102044	Transmission Shaft HP 185					1	
	1102044	Transmission Shaft HP 185						1
25	9152004	30210 Tapered Roller Bearing	1					
26	9133501	Hex Slotted Check Nut M35 x 1.5P	1					
27	9170403	Split Pin Dia.4 x 70 lg	1					
28	9185001	OIL SEAL 50 x 65 x 8	1					
29	1102046	Transmission Housing HP 105	1					
	1102047	Transmission Housing HP 125		1				
	1102048	Transmission Housing HP 145			1			
	1102049	Transmission Housing HP 165				1		
	1102050	Transmission Housing HP 185					1	
	1102051	Transmission Housing HP 205						1
30	9152002	30208 Tapered Roller Bearing	1					
31	1102053	Gearbox Bracket	1					
32	9101206	Hex Bolt M12 x 35 8.8 Zn D933	2					
33	9189907	O-Ring 97 ID x 3 C-S	1					
34	1102054	Gearbox Assly HP 105	1					
	1102055	Gearbox Assly HP 125		1				
	1102056	Gearbox Assly HP 145			1			
	1102057	Gearbox Assly HP 165				1		
	1102058	Gearbox Assly HP 185					1	
	1102059	Gearbox Assly HP 205						1
35	1102117	Gearbox assly Sub HP	1					

HP OPTIONAL ITEMS PART LIST

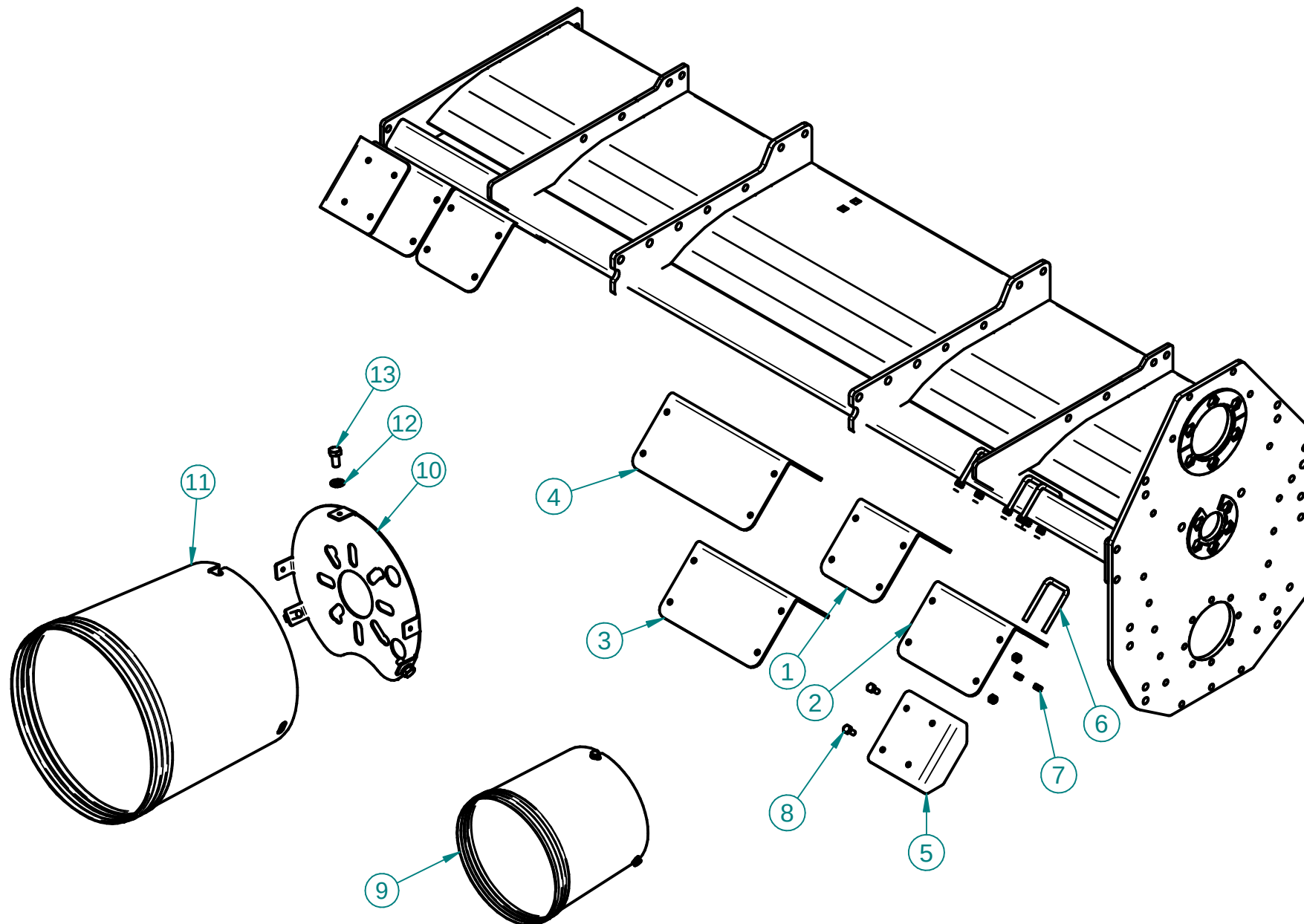


			HP 105	HP 125	HP 145	HP 165	HP 185	HP 205
Item No	Sales code	Item Name	Qty					
1	1102103	Side Disc Bracket HP	2					
2	1102102	Side disc bracket clamp HP	2					
3	9101206	Hex Bolt M12 x 35 8.8 Zn D933	8					
4	9131202	Nylock Nut M12-8 Zp D982	8					
5	1101153	Side Disc T Bracket HD	2					
6	1101154	Side Disc Vertical Bracket	1					
7	9171602	Pin D 16 x 75	8					
8	9170401	R Pin D4 x 60 Zp	8					
9	9159002	Agri hub bearing BAA-0004 with M22 x 1.5 Nylock nut	2					
10	1101161	Disc Dia 350	2					
11	9141201	Spring Washer M12 Zn D127	8					
12	9121201	Hex Bolt M12 x 1.25P x 20 8.8 Zn D961	8					
13	9132204	Nylock Nut M22 x 1.5-8 Zp D982	2					
14	1101159	Side Disc Vertical Bracket RH	1					
15	1102100	Side Disc Complete LH HP	1					
16	1102101	Side Disc Complete RH HP	1					
17	1102192	Safety Guard HP 105 N	1					
	1102193	Safety Guard HP 125 N		1				
	1102194	Safety Guard HP 145 N			1			
	1102195	Safety Guard HP 165 N				1		
	1102196	Safety Guard HP 185 N					1	
	1102197	Safety Guard HP 205 N						1
18	9101205	Hex Bolt M12 x 30 8.8 Zn D933	4					
19	9141201	Spring Washer M12 Zn D127	4					
20	9131204	Nylock Nut M12-8 Zp D985	4					



HP GEARBOX SINGLE SPEED PART LIST

			HP 105	HP 125	HP 145	HP 165	HP 185	HP 205
Item No	Sales code	Item Name	Qty					
1	1102118	GEAR BOX BODY HP SINGLE SPEED	1					
2	9152003	30209 Tapered Roller Bearing	1					
3	1102022	Pinion 12 Teeth	1					
4	9152009	32207 Tapered Roller Bearing	1					
5	1102119	DRIVE SHAFT HP SINGLE SPEED	1					
6	1102121	Gasket Gearbox Back HP Single Speed	1					
7	1102123	Back Cover Gearbox HP Single Speed	1					
8	1102120	PAPER GASKET DRIVE SIDE GEAR BOX HP SINGLE SPEE	1					
9	9183503	OIL SEAL 35 x 54 x 10	1					
10	1102122	Front Cover Gearbox HP Single Speed	1					
11	9141201	Spring Washer M12 Zn D127	12					
12	9101205	Hex Bolt M12 x 30 8.8 Zn D933	12					
13	9141001	Spring Washer M10 Zn D127	4					
14	9101005	Hex Bolt M10 x 30 8.8 Zn D933	4					
15	9191011	Plug G 3_8 with O-ring (O-ring Size ID 14.5 x 2)	1					
16	9191013	Breathing Plug G3_8 with O-ring (O-ring Size ID 14.5 x 2)	1					
17	1102198	Gaket Flange Big 1mm	1					
18	1102023	Bevel 22 Teeth	1					
19	1102041	Transmission Shaft HP 125	1					
	1102042	Transmission Shaft HP 145		1				
	1102043	Transmission Shaft HP 165			1			
	1102044	Transmission Shaft HP 185				1		
	1102045	Transmission Shaft HP 205					1	
	1102131	Transmission Shaft HP 205 Single Speed						1
20	9152004	30210 Tapered Roller Bearing	1					
21	9133501	Hex Slotted Check Nut M35 x 1.5P	1					
22	9170403	Split Pin Dia.4 x 70 lg	1					
23	9185001	OIL SEAL 50 x 65 x 8	1					
24	1102047	Transmission Housing HP 125	1					
	1102048	Transmission Housing HP 145		1				
	1102049	Transmission Housing HP 165			1			
	1102050	Transmission Housing HP 185				1		
	1102051	Transmission Housing HP 205					1	
	1102132	Transmission Housing HP 205 Single Speed						1
25	9152002	30208 Tapered Roller Bearing	1					
26	9189907	O-Ring 97 ID x 3 C-S	1					
27	1102125	Gearbox Assly HP 105 Single Speed	1					
	1102126	Gearbox Assly HP 125 Single Speed		1				
	1102127	Gearbox Assly HP 145 Single Speed			1			
	1102128	Gearbox Assly HP 165 Single Speed				1		
	1102129	Gearbox Assly HP 185 Single Speed					1	
	1102130	Gearbox Assly HP 205 Single Speed						1
28	1102156	Gearbox Pipe Support HP 105 SINGLE SPEED new	1					
	1102157	Gearbox Pipe Support HP 125 SINGLE SPEED new		1				
	1102158	Gearbox Pipe Support HP 145 SINGLE SPEED new			1			
	1102159	Gearbox Pipe Support HP 165 SINGLE SPEED new				1		
	1102160	Gearbox Pipe Support HP 185 SINGLE SPEED new					1	
	1102161	Gearbox Pipe Support HP 205 SINGLE SPEED new						1



			HP 105	HP 125	HP 145	HP 165	HP 185	HP 205
Item No	Sales code	Item Name	Qty					
1	1102187	Protection Front CE L 150	0	2			2	
2	1102188	Protection Front CE L 200	0		2		2	2
3	1102189	Protection Front CE L 250	0			2		2
4	1102190	Protection Front CE L 300	0					
5	1102191	Protection End CE	0	2	2	2	2	2
6	9050802	U BOLT M8 8.8 Zn For SQ 60 Pipe	0	4	4	4	8	8
7	9130804	Nylock Nut M8-8 Zp D985	0	12	12	12	20	20
8	9100803	Hex Bolt M8 x 20 8.8 Zn D933	0	4	4	4	4	4
9	9193008	PTO Quad complete	1	1	1	1	1	1
10	1101260	PTO Shaft Guard Round Plate	1	1	1	1	1	1
11	9193009	PTO Guard Cover	1	1	1	1	1	1
12	9140802	Washer M8 Zn D125A	3	3	3	3	3	3
13	9100802	Hex Bolt M8 x 16 8.8 Zn D933	3	3	3	3	3	3