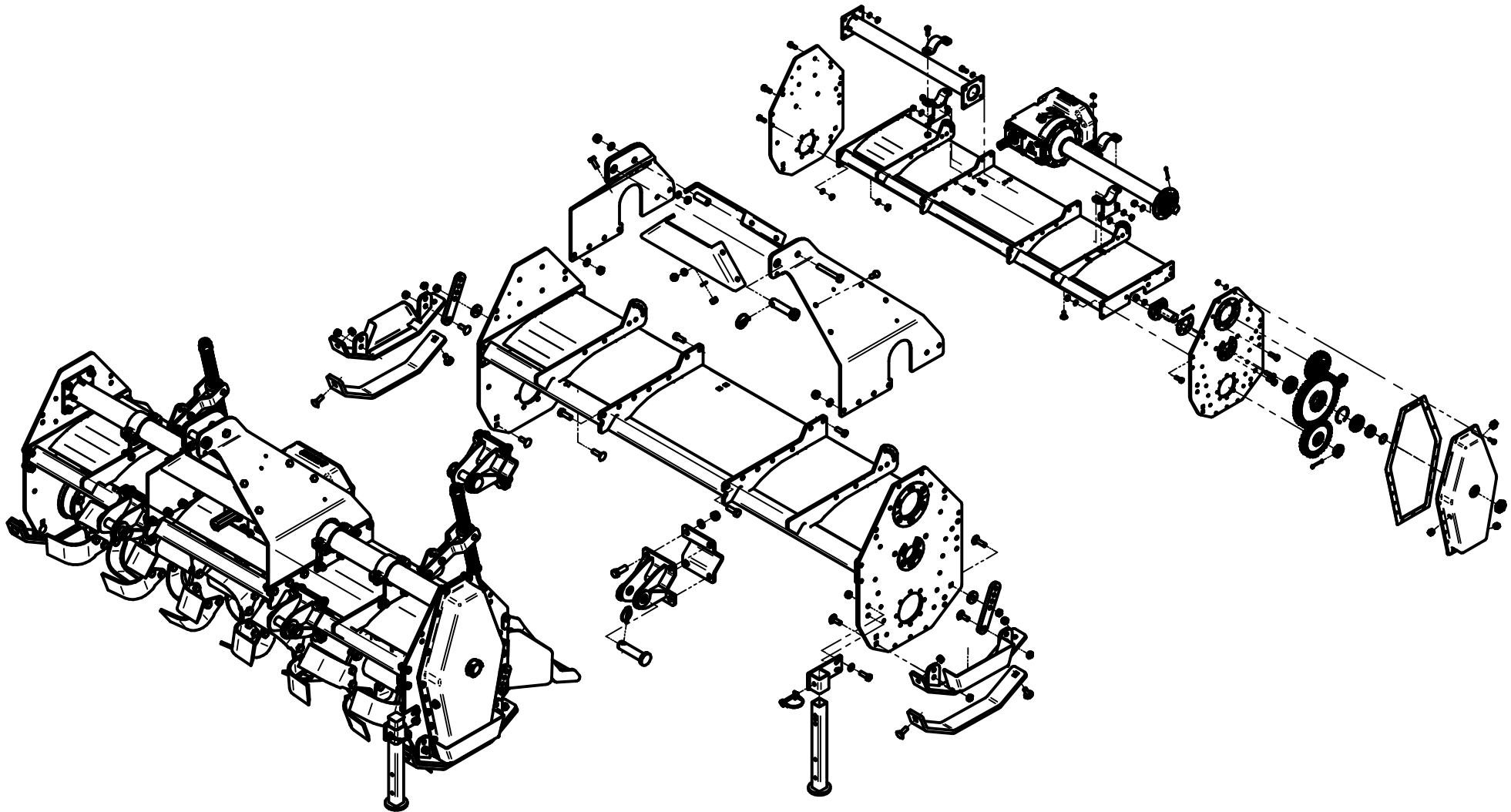
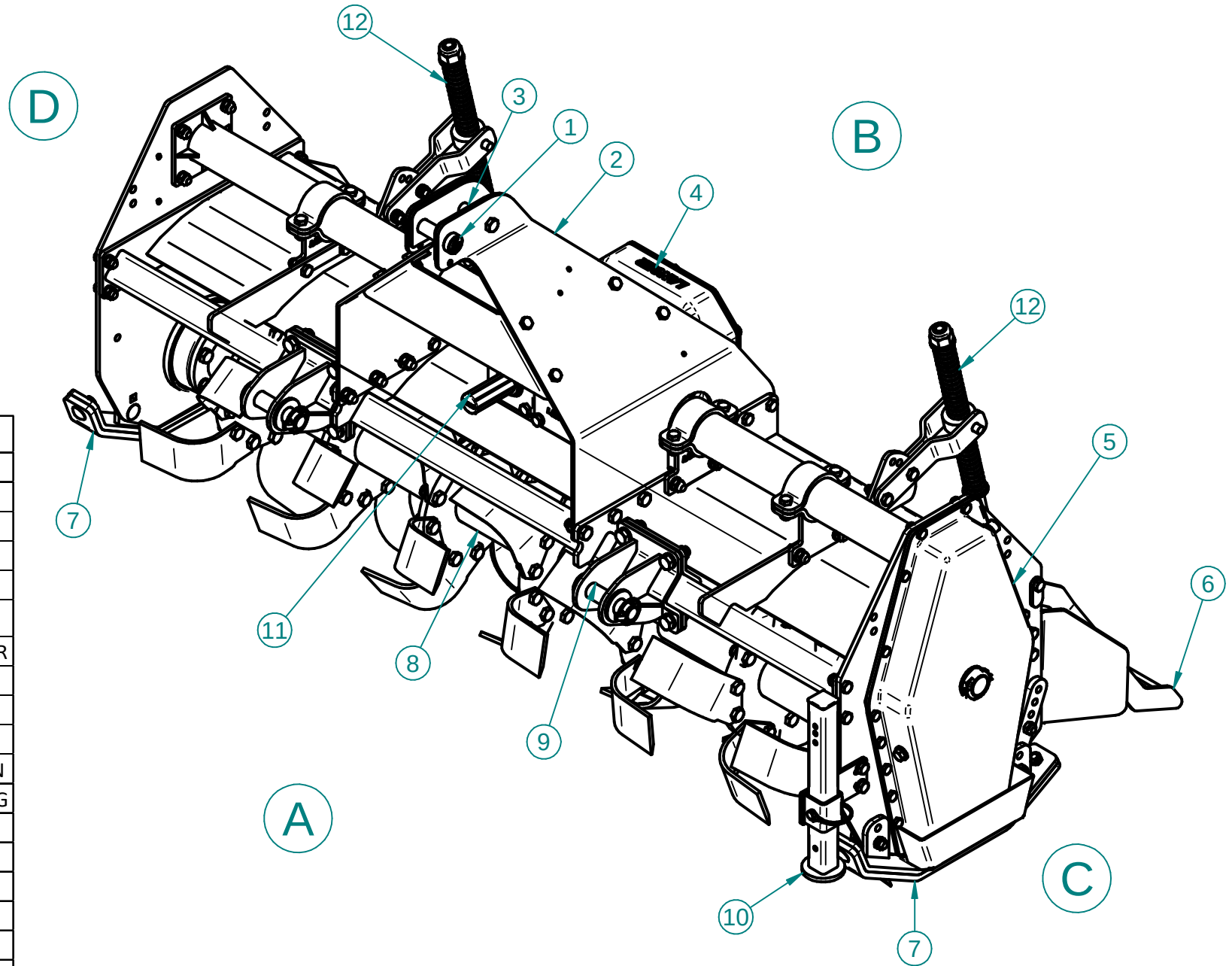


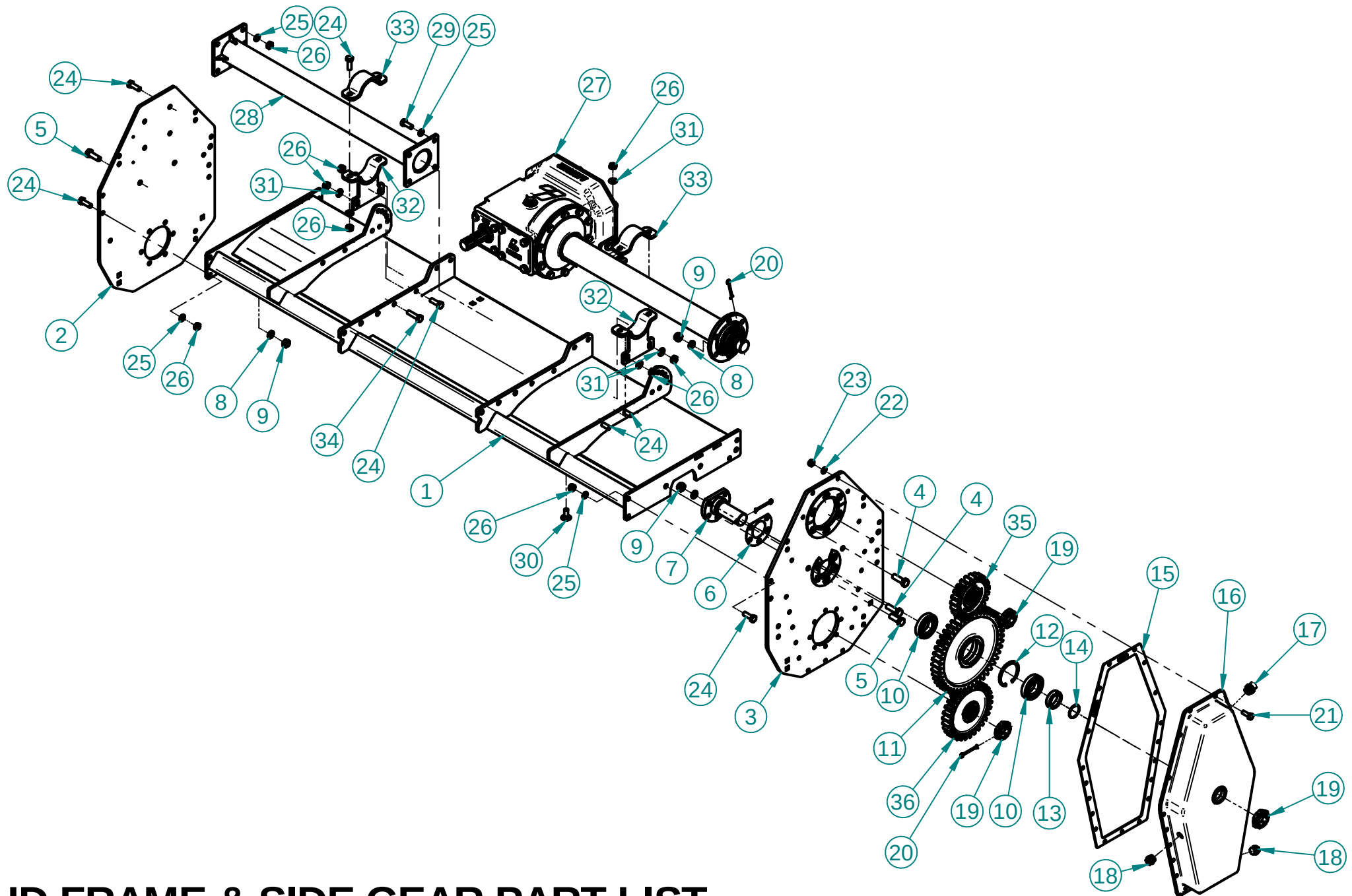
HD Series

Rotary Tiller Part List





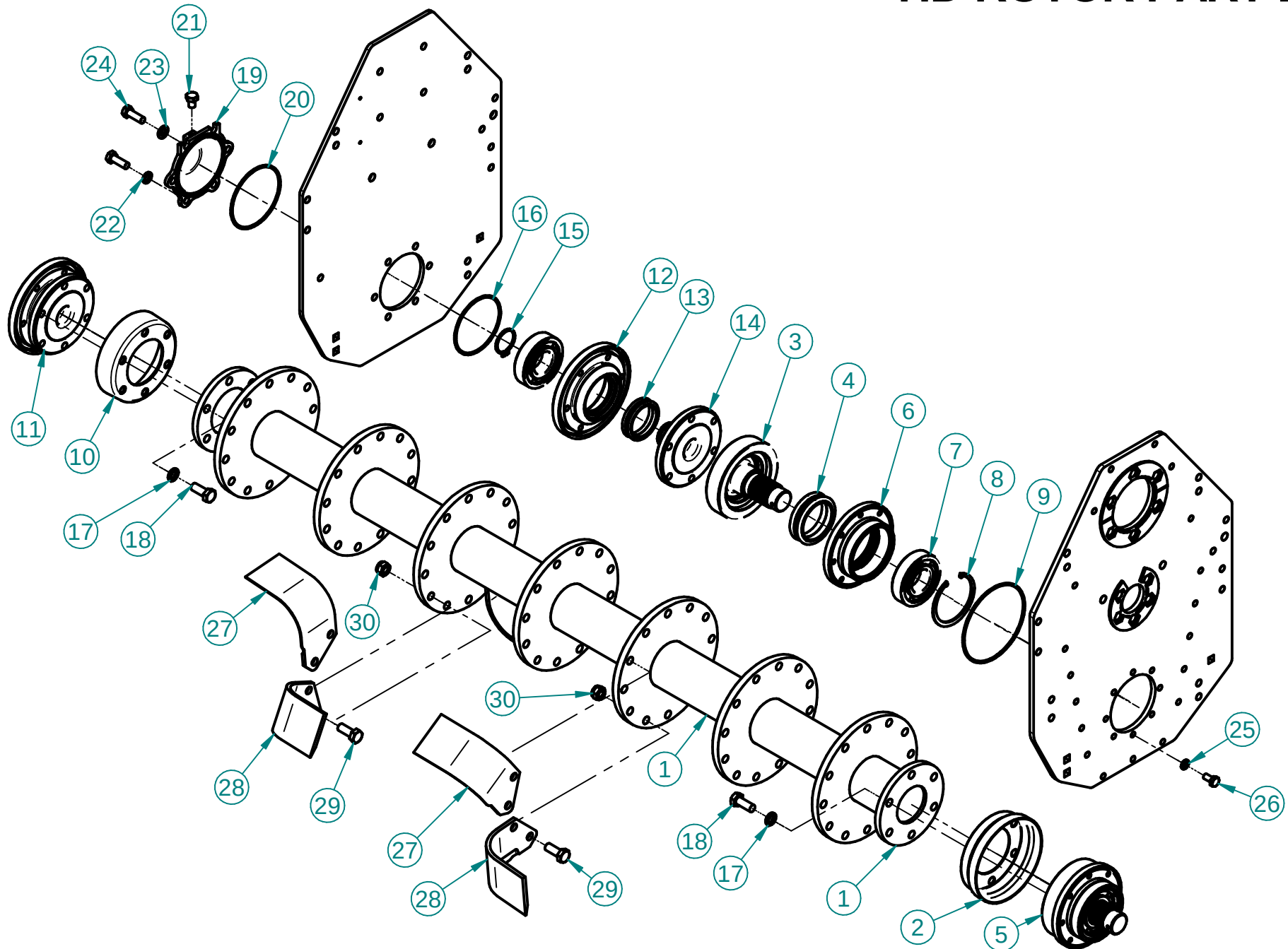
NO.	DESCRIPTION
A	FORWARD-FRONT
B	REVERSE-BACK
C	RIGHT SIDE-RH
D	LEFT SIDE - LH
NO.	DESCRIPTION
1	PIN/LIFTING BUSH UPPER
2	THREE POINT BRACKET
3	SPACER/LIFTING PLUG
4	GEARBOX BODY
5	SIDE GEAR TRANSMISSION
6	BACK HOOD FOR LEELING
7	DEPTH SKID
8	ROTOR WITH BLADE
9	LIFTING BRACKET
10	PARKING STAND
11	DRIVE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



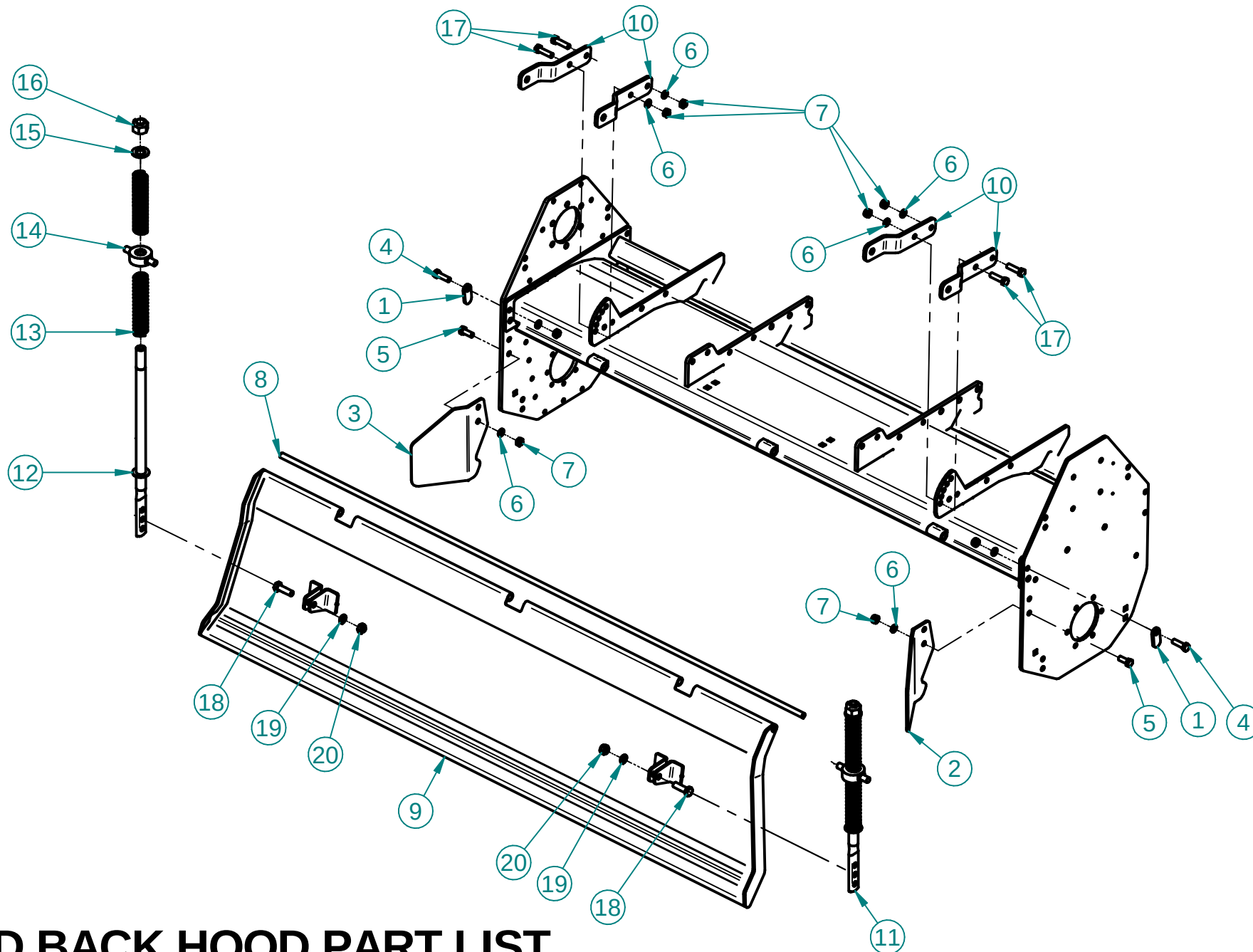
HD FRAME & SIDE GEAR PART LIST

			HD 125	HD 145	HD 155	HD 180	HD 200	HD 230	HD 255	HD 280	HD 175
Item No	Sales code	Item Name	Qty								
1	1101214	Frame HD 125 new	1								
	1101215	Frame HD 145 NEW		1							
	1101216	Frame HD 155			1						
	1101217	Frame HD 180 new				1					
	1101218	Frame HD 200 new					1				
	1101219	Frame HD 230 new						1			
	1101220	Frame HD 255 new							1		
	1101221	Frame HD 280 new								1	
	1101222	Frame HD 175 NEW									1
2	1101259	Side Plate LH HD					1				
3	1101079	Side Plate RH HD-125 45 55	1	1	1						
	1101080	Side Plate B RH HD 180 200 230				1	1	1	1	1	1
4	9121406	Hex Bolt M14 x 1.5P x 45 8.8 Zn D961					11				
5	9121405	Hex Bolt M14 x 1.5P x 40 HT 10.9 Zn D931					4				
6	1101103	Gasket Center Pin					1				
7	1101102	Center Gear Pin HD					1				
8	9141401	Spring Washer M14 Zn D127					15				
9	9131405	Nylock Nut M14 x 1.5-8 Zp D985					15				
10	9152002	30208 Tapered Roller Bearing					2				
11	1101105	Central Gear Z 46					1				
12	9161016	Internal Circlip 80 x 2.5 D472					1				
13	9304002	Bush ID 40.1 x 56 x 14.4 mm					1				
14	9189923	O-Ring 39.52 ID x 2.62 C-S					1				
15	1101108	Gasket Gear Cover					1				
16	1101109	Gear Cover HD					1				
17	9191004	Breathing Plug G1_2 with O-ring (O-ring Size ID 19 x 2.5)					1				
18	9191012	Plug G 1_2 with O-ring (O-ring Size ID 19 x 2.5)					2				
19	9134001	Hex Slotted Check Nut M40 x 1.5 P					3				
20	9170403	Split Pin Dia. 4 x 70 lg					3				
21	9101005	Hex Bolt M10 x 30 8.8 Zn D933					19				
22	9141002	Washer M10 Zn D125A					19				
23	9131004	Nylock Nut M10-8 Zp D985					19				
24	9101206	Hex Bolt M12 x 35 8.8 Zn D933	16	16	24	24	24	24	24	24	24
25	9141201	Spring Washer M12 Zn D127					14				
26	9131204	Nylock Nut M12-8 Zp D985	22	22	30	30	30	30	30	30	30
27	1101071	Gearbox Assly HD 125	1								
	1101072	Gearbox Assly HD 145		1							
	1101073	Gearbox Assly HD 155			1						1
	1101074	Gearbox Assly HD 180				1					
	1101075	Gearbox Assly HD 200					1				
	1101076	Gearbox Assly HD 230						1			
	1101077	Gearbox Assly HD 255							1		
	1101078	Gearbox Assly HD 280								1	
28	1101235	Gearbox Pipe Support HD 180	1								
	1101233	Gearbox Pipe Support HD 145		1							
	1101234	Gearbox Pipe Support HD 155			1						
	1101235	Gearbox Pipe Support HD 180				1					1
	1101236	Gearbox Pipe Support HD 200 new					1				
	1101237	Gearbox Pipe Support HD 230 NEW						1			
	1101238	Gearbox Pipe Support HD 255							1		
	1101239	Gearbox Pipe Support HD 280 NEW								1	
29	9101205	Hex Bolt M12 x 30 8.8 Zn D933					4				
30	9071201	Mushroom Head SQ. Neck Bolt M12 x 30 lg 8.8 Zn D60					4				
31	9141202	Washer M12 Zn D125A	12	12	20	20	20	20	20	20	20
32	1101100	Gearbox Pipe Bracket	2	2	4	4	4	4	4	4	4
33	1101101	Gearbox Pipe Clamp	2	2	4	4	4	4	4	4	4
34	9111201	Hex Bolt M12 x 45 HT 8.8 Zn D931					2				
35	1101104	Upper Gear Z 23					1				
36	1101106	Lower Gear Z 30					1				

HD ROTOR PART LIST

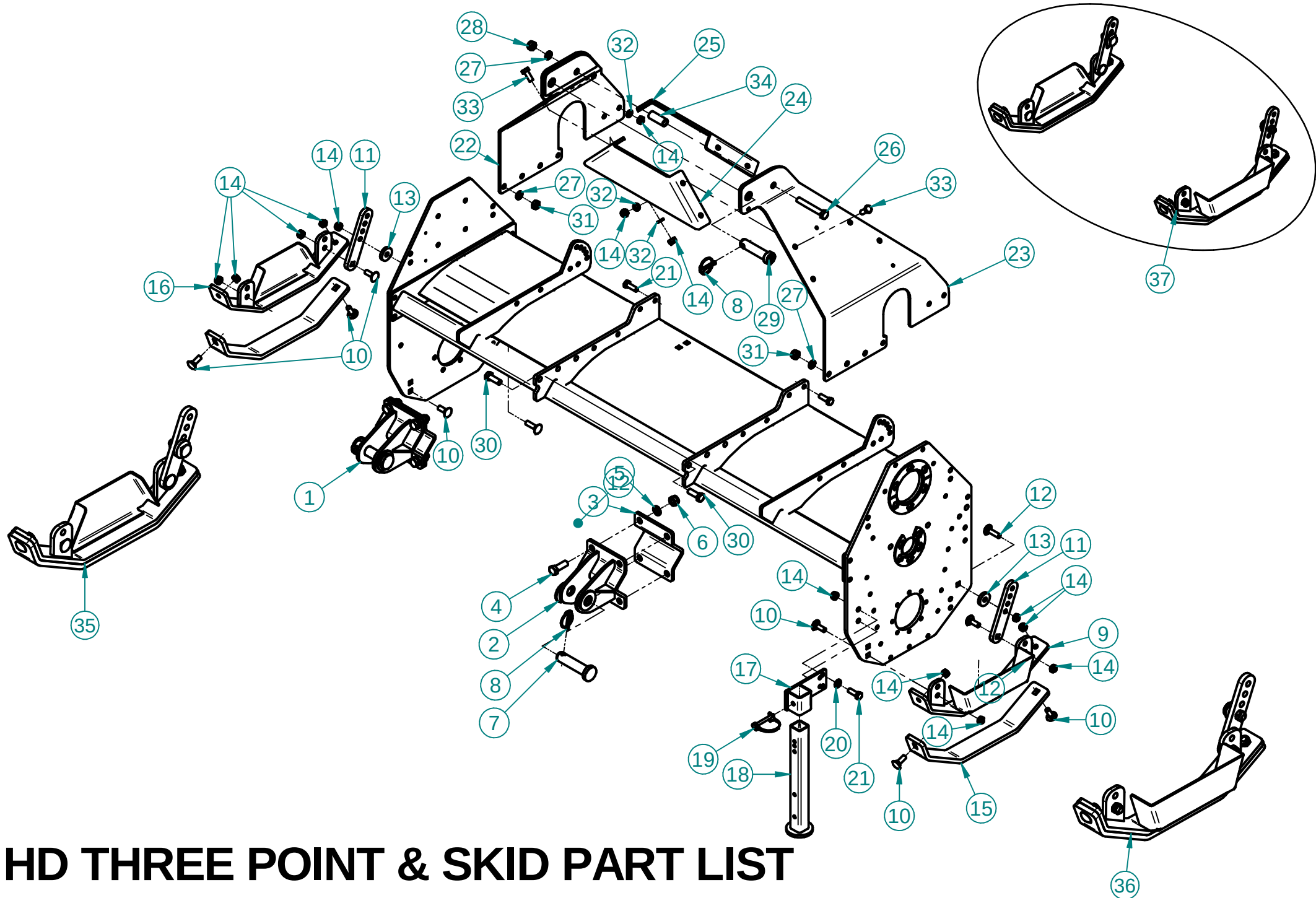


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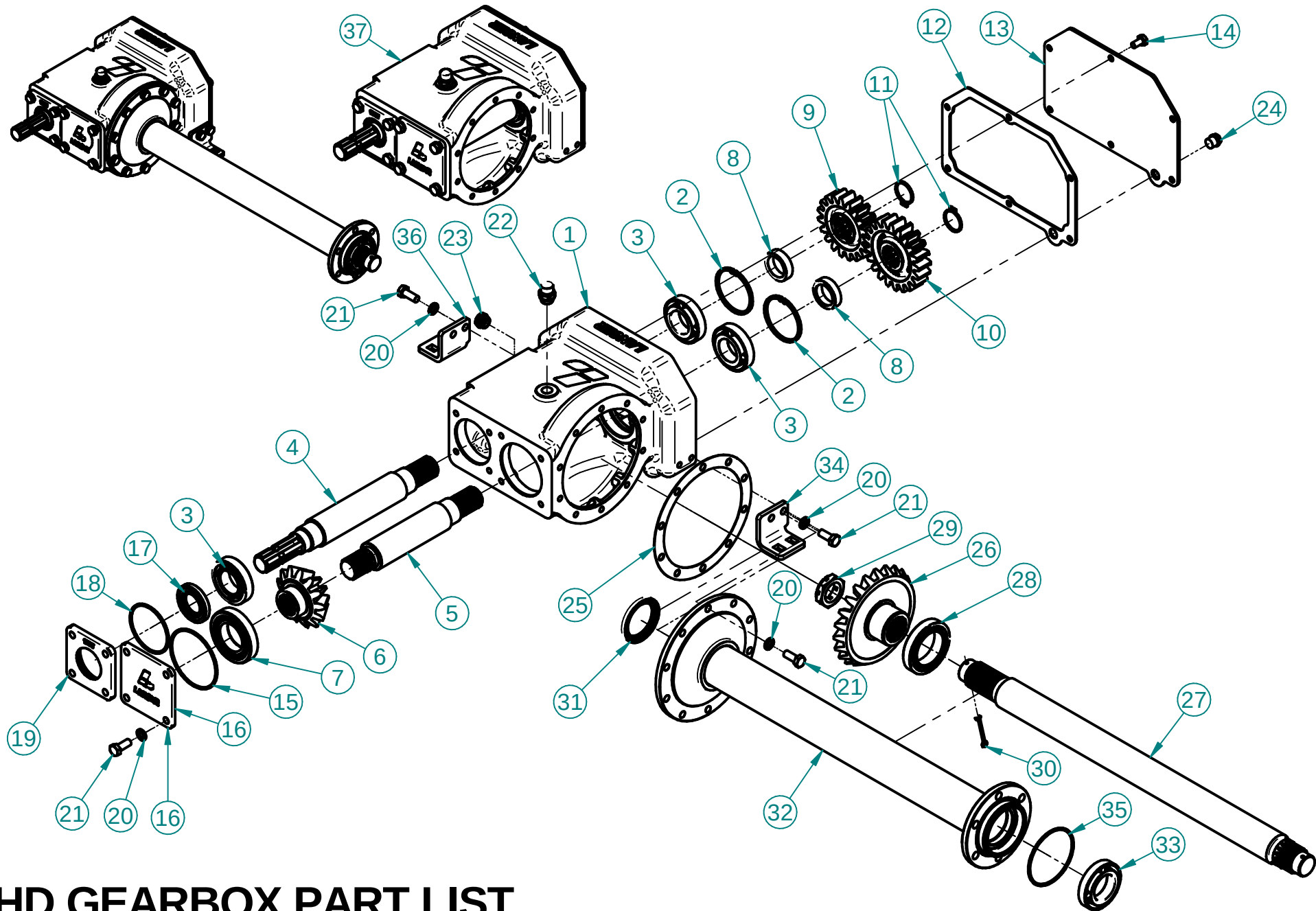
HD BACK HOOD PART LIST

			HD	HD	HD	HD	HD	HD	HD	HD	HD
			125	145	155	180	200	230	255	280	175
Item No	Sales code	Item Name	Qty								
1	1101003	Hinge Cover	2								
2	1101140	Side Protection LH	1								
3	1101141	Side Protection RH	1								
4	9111209	Hex Bolt M12 x 40 HT 8.8 Zn D931	2								
5	9101205	Hex Bolt M12 x 30 8.8 Zn D933	4								
6	9141201	Spring Washer M12 Zn D127	10								
7	9131204	Nylock Nut M12-8 Zp D985	10								
8	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					
	1101245	Hinge Bar HD 230 new					1				
	1101246	Hinge Bar HD 255 new						1			
	1101247	Hinge Bar HD 280 new							1		
1101248	Hinge Bar HD 175 new								1		
9	1101223	Back Hood HD 125 new	1								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				
	1101228	Back Hood HD 230 NEW						1			
	1101229	Back Hood HD 255 NEW							1		
	1101230	Back Hood HD 280 NEW								1	
1101231	Back Hood HD 175 NEW									1	
10	1102182	Support for Spring Stud HP	4								
11	1101130	Adjustment Pipe Assly	2								
12	1101127	Adjustment Pipe	2								
13	1101128	Spring D 38 5W 180L	4								
14	1101129	Bracket Spring Stud	2								
15	9142402	Washer M24 Zn D125A	2								
16	9132403	Nylock Nut M24 x 2-8 Zp D982	2								
17	9111201	Hex Bolt M12 x 45 HT 8.8 Zn D931	4								
18	9121406	Hex Bolt M14 x 1.5P x 45 8.8 Zn D961	2								
19	9141401	Spring Washer M14 Zn D127	2								
20	9131405	Nylock Nut M14 x 1.5-8 Zp D985	2								



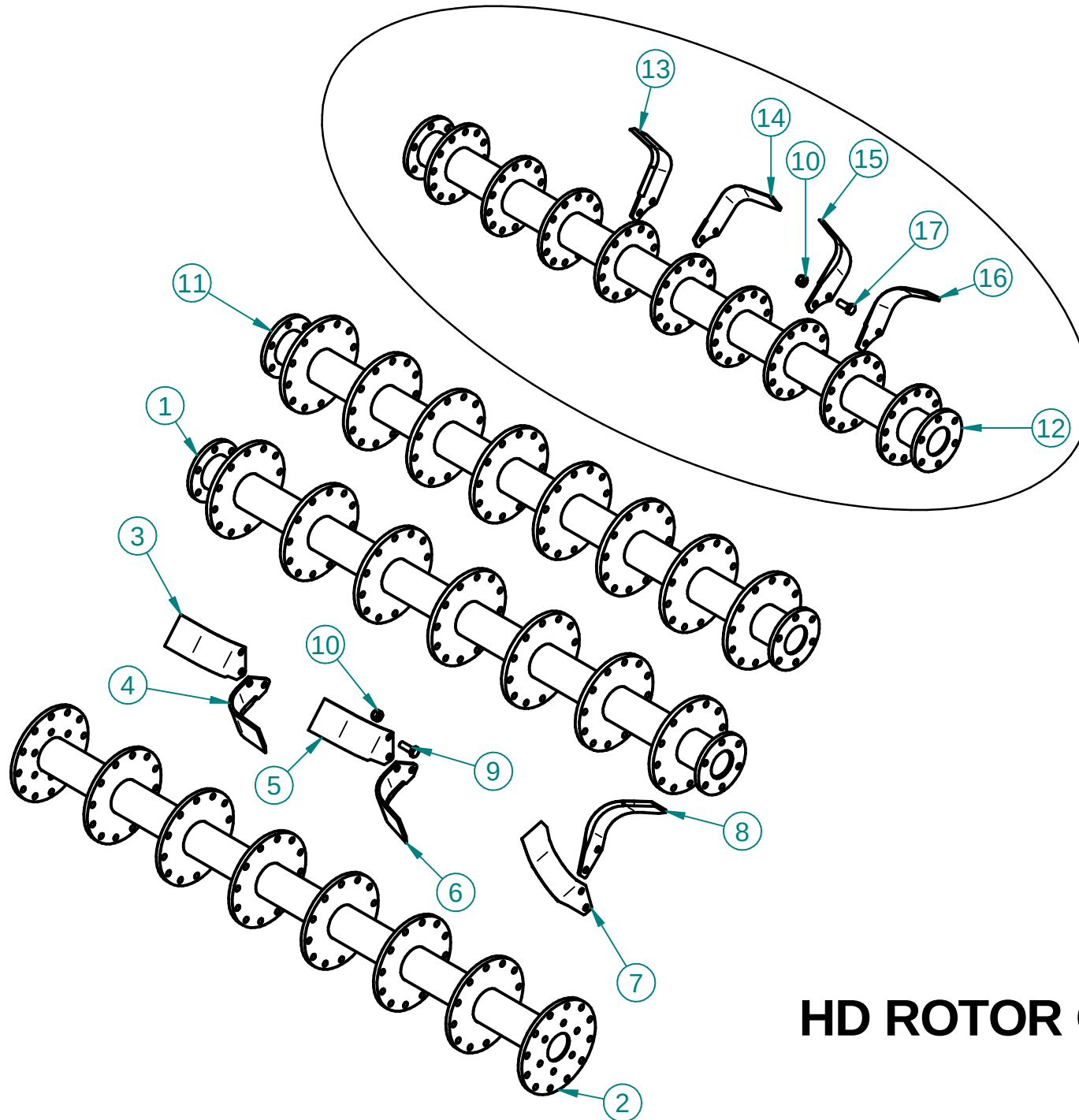
HD THREE POINT & SKID PART LIST

			HD	HD	HD	HD	HD	HD	HD	HD	HD
			125	145	155	180	200	230	255	280	175
Item No	Sales code	Item Name	Qty								
1	1101271	Lifting Bracket Kit HD					1				
2	1101138	Lifting Bracket HD					1				
3	1101139	Lifting Bracket Clamp HD					1				
4	9101606	Hex Bolt M16 x 45 8.8 Zn D933					4				
5	9141601	Spring Washer M16 Zn D127					4				
6	9131604	Nylock Nut M16-8 Zp D985					4				
7	9172801	Pin D 28 x 115					1				
8	9170801	Linch Pin 8 x 45					2				
9	1101256	Skid RH H					1				
10	9071202	Mushroom Head SQ. Neck Bolt M12 x 35 lg 8.8 Zn D60					8				
11	1101134	Skid Adjuster Plate					2				
12	9071203	Mushroom Head SQ. Neck Bolt M12 x 45 lg 8.8 Zn D60					2				
13	9301302	Spacer ID 13 x 40 x 8 mm					2				
14	9131204	Nylock Nut M12-8 Zp D985					24				
15	1101258	Skid Bottom H					2				
16	1101257	Skid LH H					1				
17	1104099	Parking Stand Bracket H					1				
18	1104054	Parking stand HL					1				
19	9170805	PTO PIN 8 X 70					1				
20	9141202	Washer M12 Zn D125A					2				
21	9101206	Hex Bolt M12 x 35 8.8 Zn D933					6				
22	1101142	Three Point Bracket LH	1	1	1						
	1101145	Three Point Bracket 8 LH				1	1	1	1	1	1
23	1101143	Three Point Bracket RH	1	1	1						
	1101146	Three Point Bracket 8 RH				1	1	1	1	1	1
24	1101144	Three Point Support Front	1	1	1						
	1101188	Three Point Support Front 8				1	1	1	1	1	1
25	1101147	Three Point Support Back	1	1	1						
	1101189	Three Point Support Back 8				1	1	1	1	1	1
26	9111408	Hex Bolt M14 x 100 HT 8.8 Zn D931					1				
27	9141401	Spring Washer M14 Zn D127					7				
28	9131404	Nylock Nut M14-8 Zp D985					1				
29	9172505	Pin D 25 x 100					1				
30	9121405	Hex Bolt M14 x 1.5P x 40 HT 10.9 Zn D931					6				
31	9131405	Nylock Nut M14 x 1.5-8 Zp D985					6				
32	9141201	Spring Washer M12 Zn D127					12				
33	9101205	Hex Bolt M12 x 30 8.8 Zn D933					8				
34	9301601	Spacer ID 16 x 22 x 56 L					1				
35	1101272	Skid LH Kit HD					1				
36	1101273	Skid RH Kit HD					1				
37	1101274	Skid LH & RH Kit HP,HD					1				



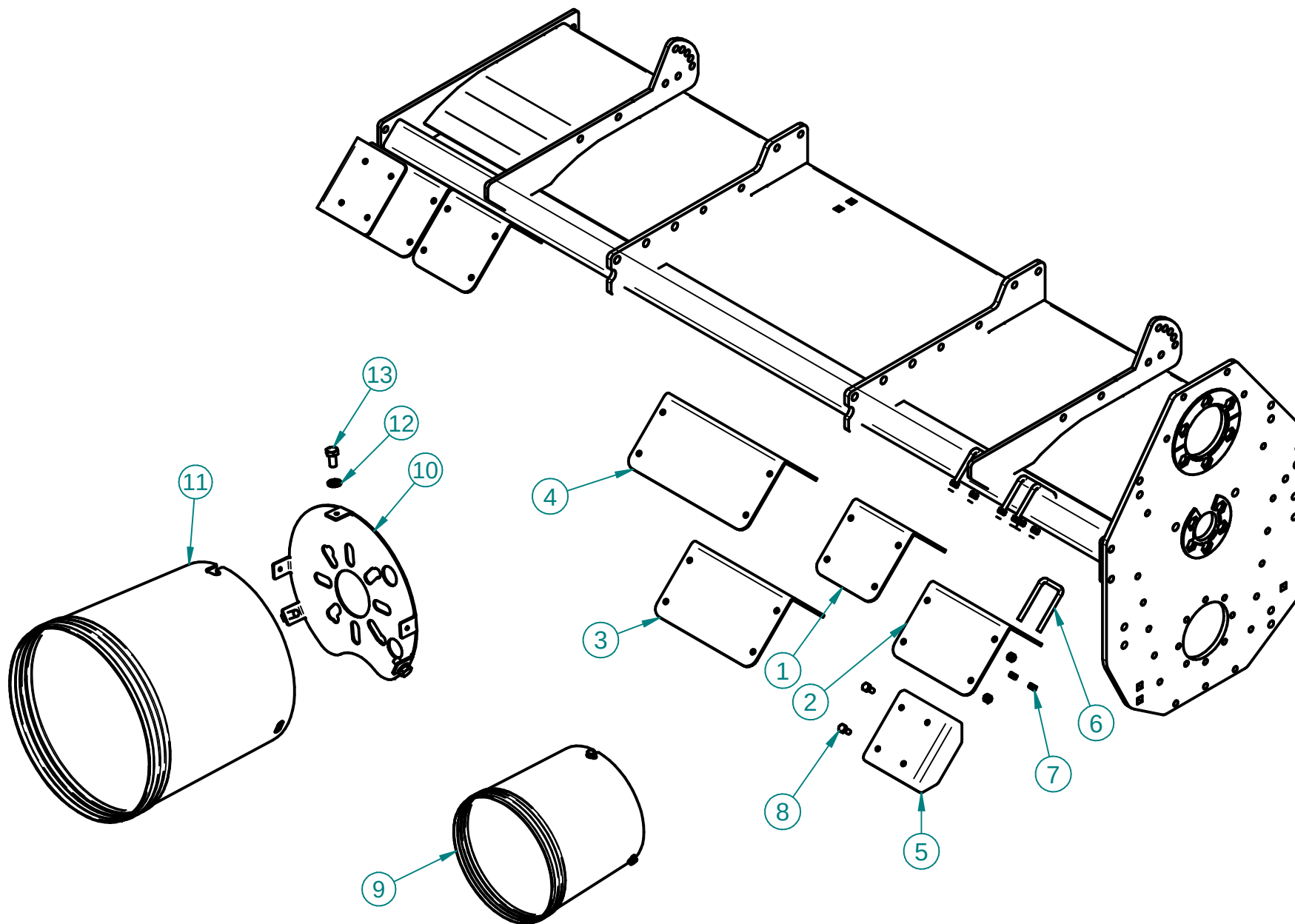
HD GEARBOX PART LIST

			HD	HD	HD	HD	HD	HD	HD	HD	HD	HD
			125	145	155	180	200	230	255	280	175	
Item No	Sales code	Item Name	Qty									
1	1101023	Gearbox Body HD	1									
2	9162018	Internal Circlip HD 85 x 4 D472	2									
3	9152011	32209 Tapered Roller Bearing	3									
4	1101024	Drive Shaft HD	1									
5	1101025	Intermediate Shaft HD	1									
6	1101027	Pinion HD	1									
7	9152005	30211 Tapered Roller Bearing	1									
8	9304001	Bush ID 40.1 x 56 x 15.5 mm	2									
9	1101029	Gear Z 14	1 REQ. AS PER ORDER									
	1101031	Gear Z 15										
	1101033	Gear Z 16										
	1101035	Gear Z 17										
	1101037	Gear Z 18										
	1101039	Gear Z 19										
	1101041	Gear Z 20										
10	1101041	Gear Z 20	1 REQ. AS PER ORDER									
	1101030	Gear Z 26										
	1101032	Gear Z 25										
	1101034	Gear Z 24										
	1101036	Gear Z 23										
	1101038	Gear Z 22										
	1101040	Gear Z 21										
11	9164010	External Circlip HD 40 x 2.5 D471	2									
12	1101042	Gasket Back Cover	1									
13	1101043	Gearbox Back Cover HD	1									
14	9101003	Hex Bolt M10 x 20 8.8 Zn D933	6									
15	9189905	O-Ring 108.8 ID x 3.53 C-S	1									
16	1101045	Gearbox Front Cover-2	1									
17	9184001	OIL SEAL 40 x 72 x 10	1									
18	9189920	O-Ring 88.49 ID x 3.53 C-S B51806-238	1									
19	1101047	Gearbox Front Cover-1	1									
20	9141201	Spring Washer M12 Zn D127	20									
21	9101204	Hex Bolt M12 x 25 8.8 Zn D933	20									
22	9191004	Breathing Plug G1_2 with O-ring (O-ring Size ID 19 x 2.5)	1									
23	9191008	Oil level indicator G1_2 with O-ring (O-ring Size ID 19 x 2.5)	1									
24	9191011	Plug G 3_8 with O-ring (O-ring Size ID 14.5 x 2)	1									
25	1101048	Gasket Flange Big 0.3 mm	1 as per requirement									
	1101049	Gasket Flange Big 0.5 mm										
	1101050	Gasket Flange Big 0.8 mm										
	1101051	Gasket Flange Big 1 mm										
26	1101028	Bevel HD	1									
27	1101052	Transmission Shaft HD 125	1									
	1101053	Transmission Shaft HD 145		1								
	1101054	Transmission Shaft HD 155			1						1	
	1101055	Transmission Shaft HD 180				1						
	1101056	Transmission Shaft HD 200					1					
	1101057	Transmission Shaft HD 230						1				
	1101058	Transmission Shaft HD 255							1			
	1101059	Transmission Shaft HD 280								1		
28	9152008	32013 Tapered Roller Bearing	1									
29	9134001	Hex Slotted Check Nut M40 x 1.5 P	1									
30	9170403	Split Pin Dia.4 x 70 lg	1									
31	9186503	OIL SEAL 65 x 85 x 10 HMSA10 V	1									
32	1101060	Transmission Housing HD 125	1									
	1101061	Transmission Housing HD 145		1								
	1101062	Transmission Housing HD 155			1						1	
	1101063	Transmission Housing HD 180				1						
	1101064	Transmission Housing HD 200					1					
	1101065	Transmission Housing HD 230						1				
	1101066	Transmission Housing HD 255							1			
	1101067	Transmission Housing HD 280								1		
33	9152004	30210 Tapered Roller Bearing	1									
34	1101070	Gearbox Support RH	1									
35	9189917	O-Ring 104.37 ID x 3.53 C-S	1									
36	1101069	Gearbox Support LH	1									
37	1101269	Gearbox asslv Sub HD	1									



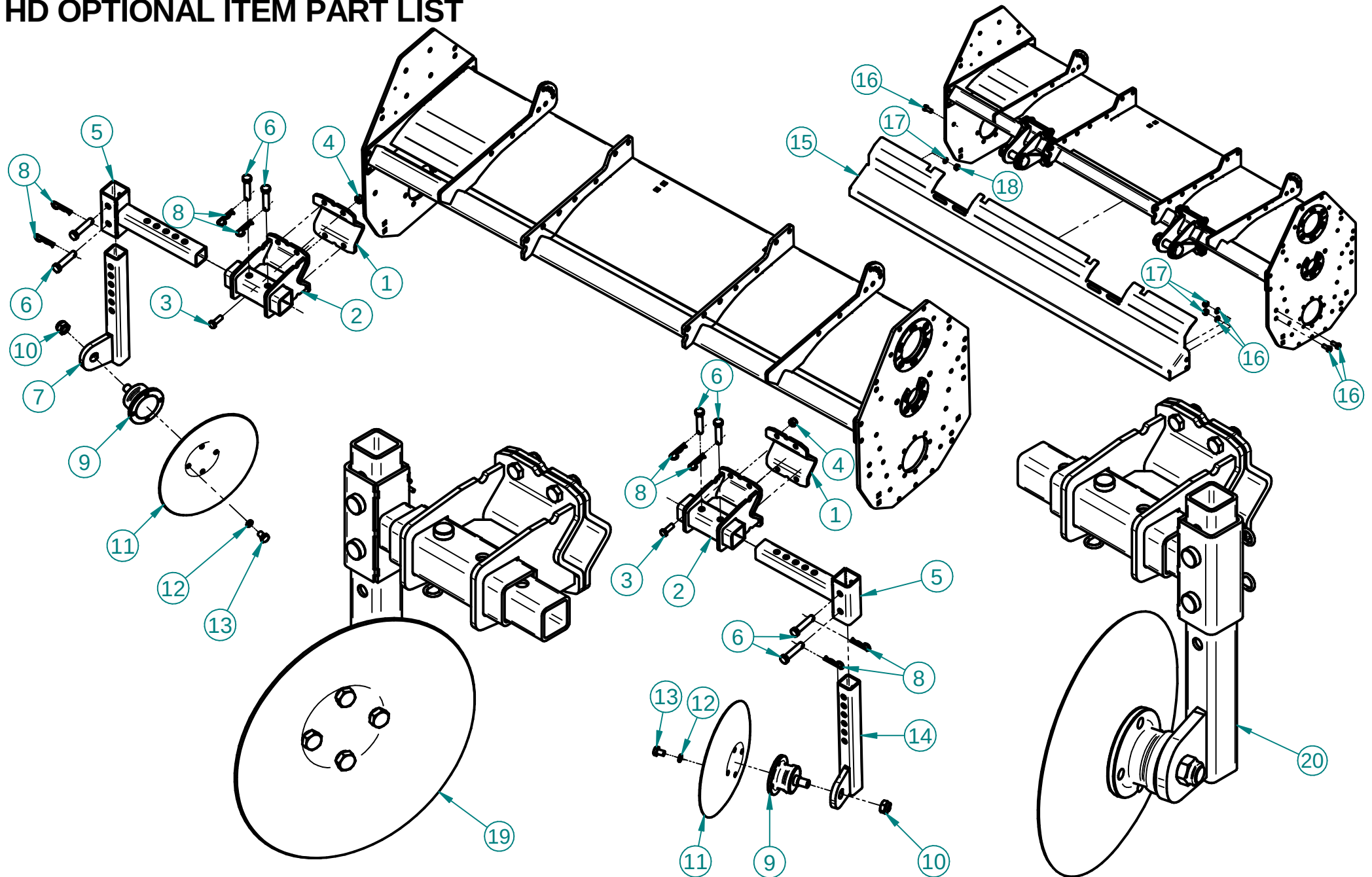
HD ROTOR OPTIONS

			HD	HD	HD	HD	HD	HD	HD	HD	HD
			125	145	155	180	200	230	255	280	175
Item No	Sales code	Item Name	Qty								
1	1101006	Rotor HD 125 24B	1								
	1101007	Rotor HD 145 30B		1							
	1101008	Rotor HD 155 36B			1						
	1101009	Rotor HD 180 42B				1					
	1101010	Rotor HD 200 48B					1				
	1101011	Rotor HD 230 54B						1			
	1101012	Rotor HD 255 60B							1		
	1101013	Rotor HD 280 66B								1	
	1101014	Rotor HD 175 39B									1
	1101254	Rotor HD 155 39B			1						
	1101255	Rotor HD 180 45B				1					
2	1101201	Rotor HD 125 24B close type	1								
	1101202	Rotor HD 145 30B close type		1							
	1101203	Rotor HD 155 36B close type			1						
	1101204	Rotor HD 180 42B close type				1					
	1101205	Rotor HD 200 48B close type					1				
	1101206	Rotor HD 230 54B close type						1			
	1101207	Rotor HD 255 60B close type							1		
	1101208	Rotor HD 280 66B close type								1	
3	1101004	Blade L Type LH 14 x 57 HD	12	15	18	21	24	27	30	33	18
4	1101005	Blade L Type RH 14 x 57 HD	12	15	18	21	24	27	30	33	18
5	1101148	Blade C Type LH 14 x 57	12	15	18	21	24	27	30	33	18
6	1101149	Blade C Type RH 14 x 57	12	15	18	21	24	27	30	33	18
7	1101170	Blade LJF Type LH HD	12	15	18	21	24	27	30	33	18
8	1101171	Blade LJF Type RH HD	12	15	18	21	24	27	30	33	18
9	9121405	Hex Bolt M14 x 1.5P x 40 HT 10.9 Zn D931	48	60	72	84	96	108	120	132	72
10	9131403	Nylock Nut M14 x 1.5-8 Zp D982	48	60	72	84	96	108	120	132	72
11	1101172	Rotor HD 125 30B	1								
	1101173	Rotor HD 145 36B		1							
	1101174	Rotor HD 155 42B			1						
	1101175	Rotor HD 180 48B				1					
	1101176	Rotor HD 200 54B					1				
	1101177	Rotor HD 230 60B						1			
	1101178	Rotor HD 255 66B							1		
	1101179	Rotor HD 280 72B								1	
5	1101148	Blade C Type LH 14 x 57	15	18	21	24	27	30	33	36	
6	1101149	Blade C Type RH 14 x 57	15	18	21	24	27	30	33	36	
9	9121405	Hex Bolt M14 x 1.5P x 40 HT 10.9 Zn D931	60	72	84	96	108	120	132	144	
10	9131403	Nylock Nut M14 x 1.5-8 Zp D982	60	72	84	96	108	120	132	144	
12	1101180	Rotor HD 125 S 36B	1								
	1101181	Rotor HD 145 S 42B		1							
	1101182	Rotor HD 155 S 48B			1						
	1101183	Rotor HD 180 S 54B				1					
	1101184	Rotor HD 200 S 60B					1				
	1101185	Rotor HD 230 S 66B						1			
	1101186	Rotor HD 255 S 72B							1		
	1101187	Rotor HD 280 S 78B								1	
13	1102007	Blade L Type LH 14 x 46	18	21	24	27	30	33	36	39	
14	1102008	Blade L Type RH 14 x 46	18	21	24	27	30	33	36	39	
15	1102009	Blade C Type LH 14 x 46	18	21	24	27	30	33	36	39	
16	1102010	Blade C Type RH 14 x 46	18	21	24	27	30	33	36	39	
17	9121404	Hex Bolt M14 x 1.5P x 35 H.T 10.9 Zn D931	72	84	96	108	120	132	144	156	
10	9131403	Nylock Nut M14 x 1.5-8 Zp D982	72	84	96	108	120	132	144	156	



HD CE Protection

HD OPTIONAL ITEM PART LIST



			HD	HD	HD	HD	HD	HD	HD	HD	HD
			125	145	155	180	200	230	255	280	175
Item No	Sales code	Item Name	Qty								
1	1101151	Side disc bracket clamp HD	2								
2	1101152	Side Disc Bracket HD	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	9171602	Pin D 16 x 75	8								
7	1101154	Side Disc Vertical Bracket	1								
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	9132204	Nylock Nut M22 x 1.5-8 Zp D985	2								
11	1101161	Disc Dia 350	2								
12	9141201	Spring Washer M12 Zn D127	8								
13	9121201	Hex Bolt M12 x 1.25P x 20 8.8 Zn D961	8								
14	1101159	Side Disc Vertical Bracket RH	1								
15	1101261	Safety Guard HD 125 N	1								
	1101262	Safety Guard HD 145 N		1							
	1101263	Safety Guard HD 155 N			1						
	1101264	Safety Guard HD 180 N				1					
	1101265	Safety Guard HD 200 N					1				
	1101266	Safety Guard HD 230 N						1			
	1101267	Safety Guard HD 255 N							1		
	1101268	Safety Guard HD 280 N								1	
16	9101205	Hex Bolt M12 x 30 8.8 Zn D933	3								
17	9141201	Spring Washer M12 Zn D127	3								
18	9131204	Nylock Nut M12-8 Zp D985	3								
19	1101150A	Side Disc Complete LH HD	1								
20	1101160A	Side Disc Complete RH HD	1								

THANK YOU

Lancer Laser Tech Ltd.



Address

Survey No-1434P/2, Chhatral-Mehsana highway,
Village- Rajpur, Ta- Kadi, Dist.- Mehsana, Gujarat,
India. 382715.



Contact

+91 2764 278805
+91 2764 278806



Website & Email

E: sales@lanceragrigo.com
W: www.lanceragrigo.com

