

ERSATZTEILLISTE FÜR

CYCLONE HEAVY

DUTY MOWER

MJ 31-200



Mehr als grüne Technik.

KRENGEL

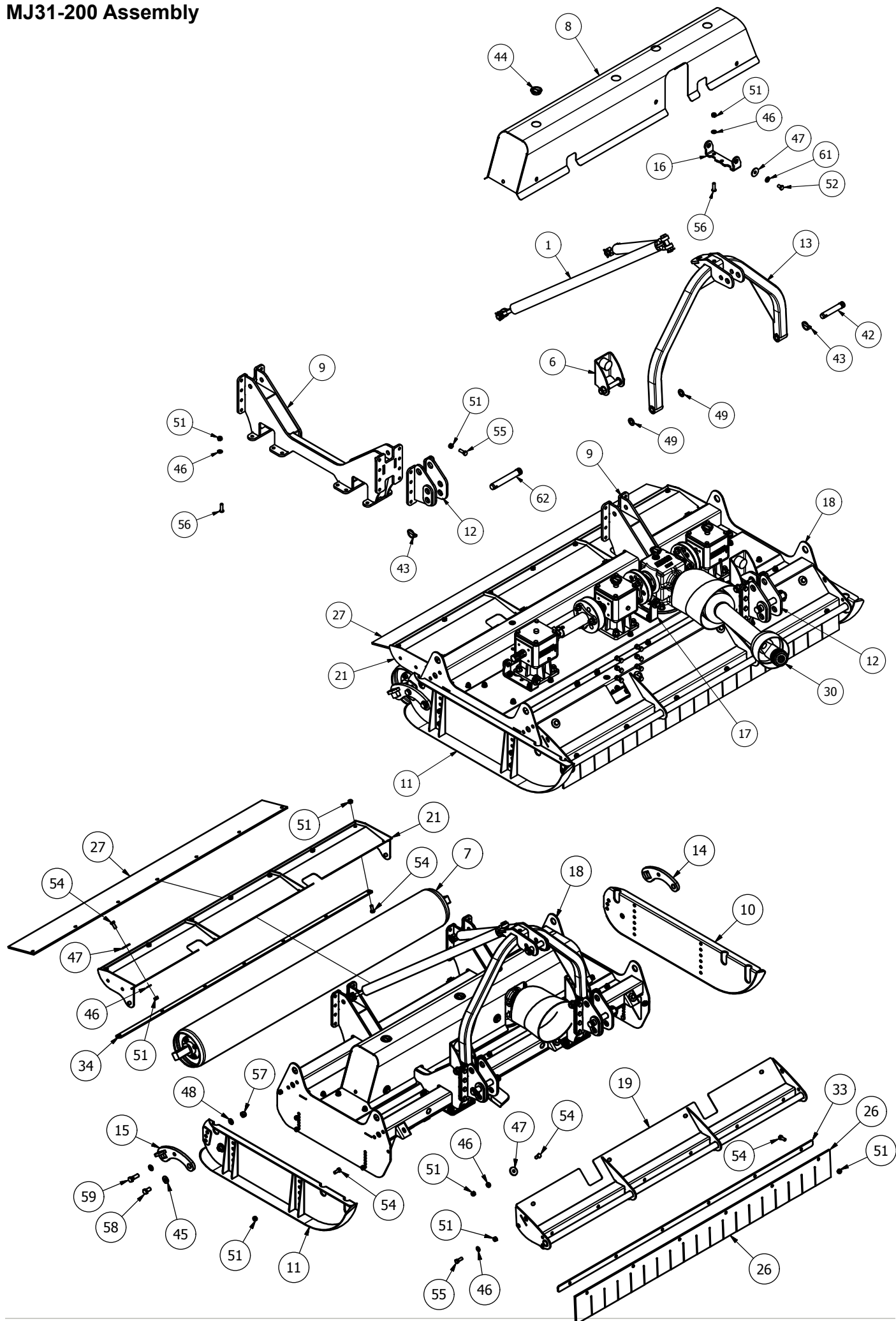
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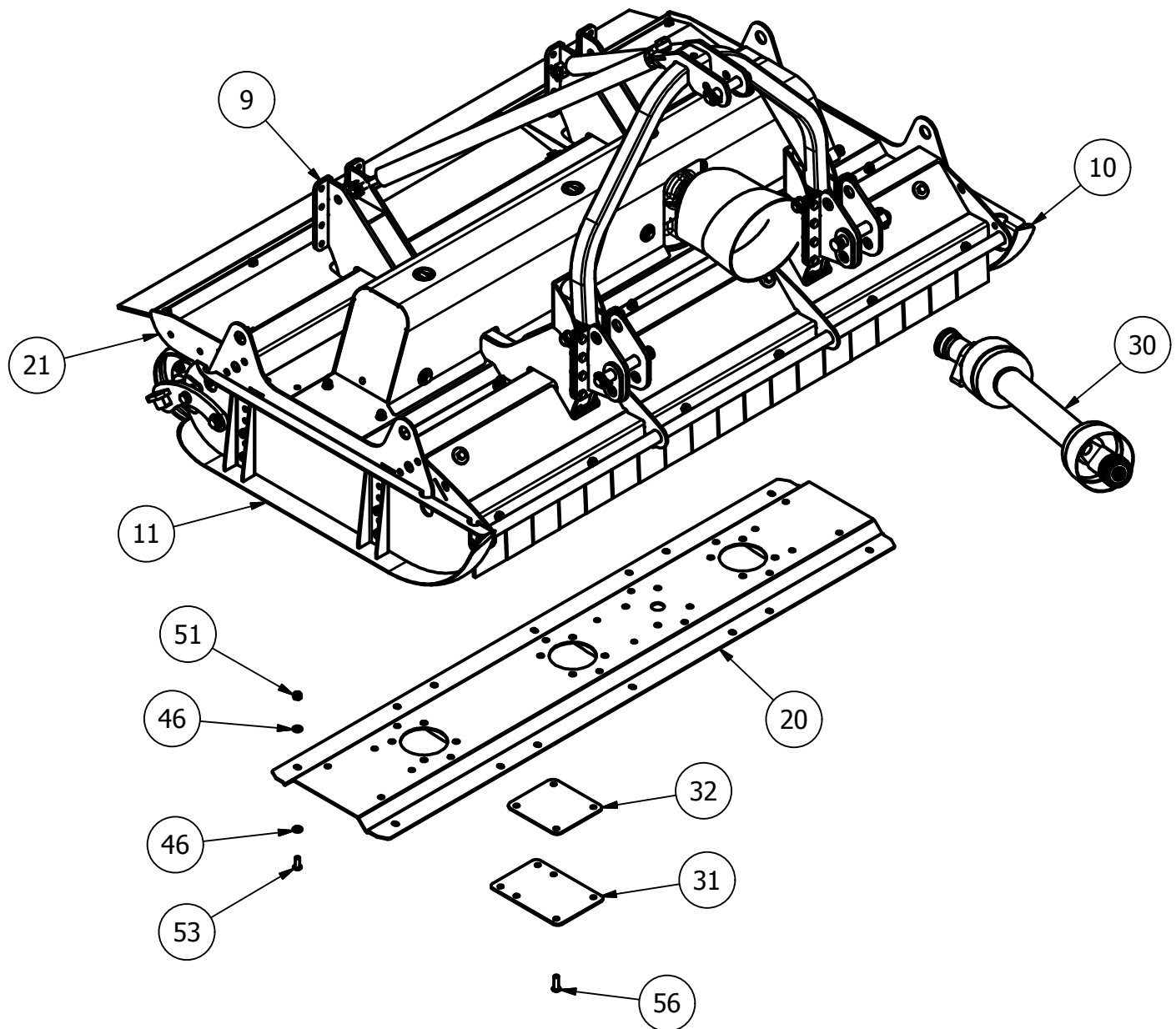
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MJ31-200 Assembly



MJ31-200 Assembly

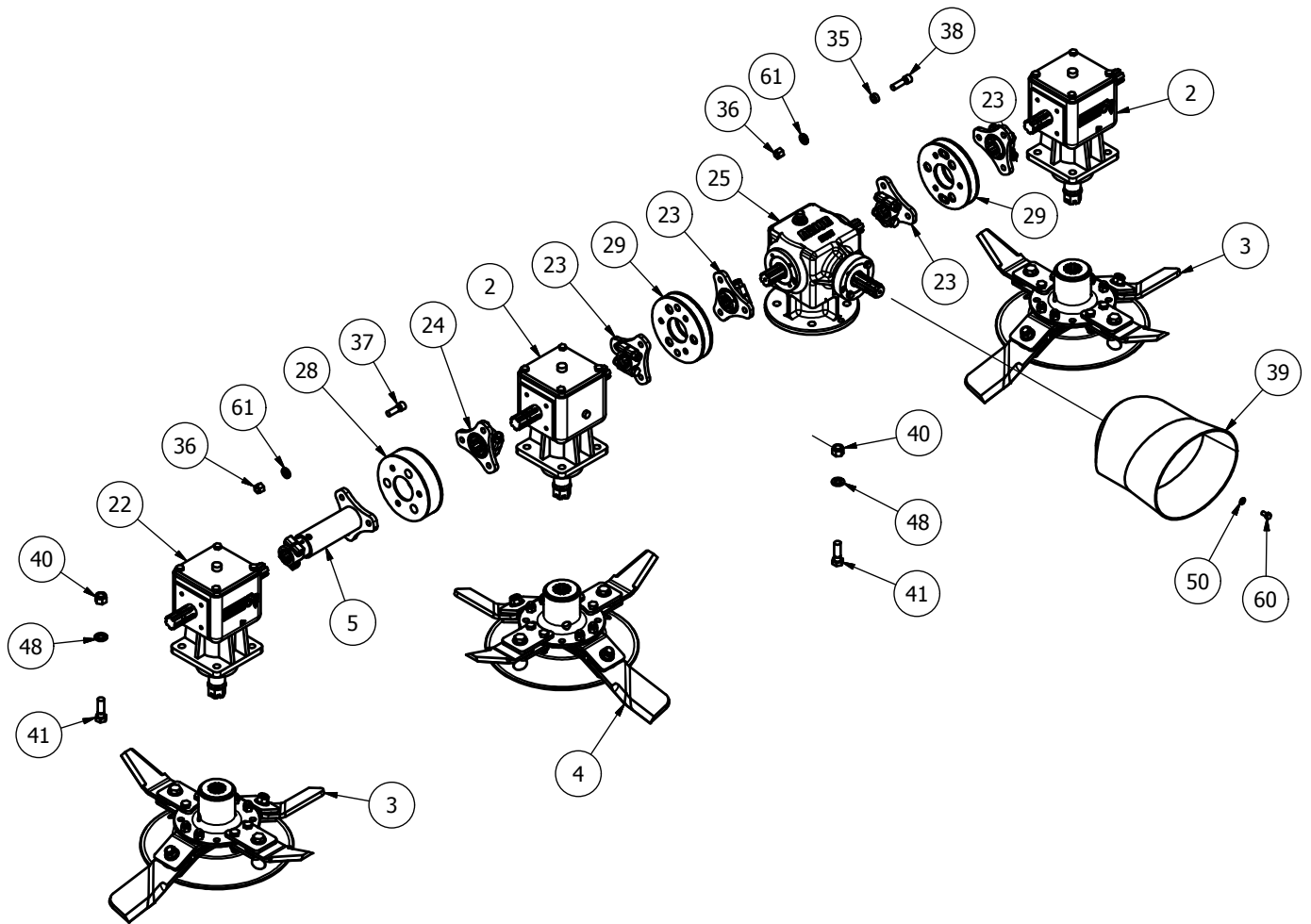


MJ31-200 Parts List

Item	Part No.	Description	Qty
1*	2500CM-STRP01	2500 CHAIN SLING	1
2	MJ40TH1193-S	SHORT Z6 T BOX R1.93	2
3*	705-DCBLDHTX-L	705 BLADE (Anti_Clk)	2
4*	705-DCBLDHTX-R	705 BLADE (Clk)	1
5	909GT-DRV	DRIVE TUBE (242mm)	1
6	AFB-GA1	A' FRAME BUFFER	2
7*	MJ30-200-ROL01	200 CYCLONE ROLLER	1
8	200CYC-CVR01	GEARBOX COVER (REAR)	1
9	2500CM-LK20	LINKAGE MOUNT	2
10	2500CM-SKDL	2500T L/HAND SKID	1
11	2500CM-SKDR	2500CM R/HAND SKID	1
12	2800CM-LK	LOWER LINK MOUNT	2
13	3000T-AF-01	3000T A-FRAME	1
14	3000T-RPV01	ROLLER ADJUSTER	1
15	3000T-RPV01-H	ROLLER ADJUSTER	1

16	8400RM-CV14	GUARD BASE MOUNT	2
17	8400RM-CV20	GUARD BASE MOUNT	1
18	MJ30-20B10	200 CYCLONE BODY	1
19	MJ30-20FGD-A	FLAP GUARD MOUNT	1
20	MJ30-20GR	TROUGH REINF' PANEL	1
21	MJ30-20RGD	REAR GUARD	1
22	MJ40TH1193	6 SPLINE 'T' BOX RATIO 1.93	1
23	CM25-DRV	6 SPLINE STAR DRIVE	4
24	DRV-6S-52DC	6 SPLINE 50mm DRIVE	1
25	GB.03499	6 SPLINE 'T' BOX 1:1.9	1
26	MJ30-20FGD-FLP06	GUARD RUBBER	1
27	MJ30-20RGDR	REAR RUBBER FLAP	1
28	MJRC-113	113 PCD RUBBER COUPLING	1
29	MJRC-33	COUPLING 33mm (PINNED)	2
30	V600810ENC12RB2	V60 SHEARBOLT / OR	1

MJ31-200 Assembly



MJ31-200 Parts List (continued)

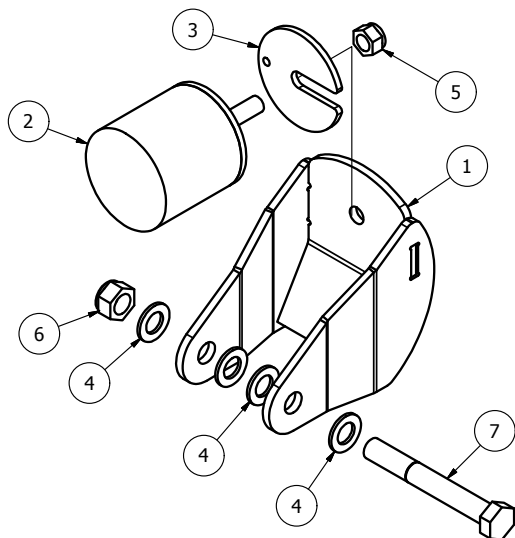
31	2500CM-LK03	LINKAGE TIE	4
32	2500CM-LK09	UNDERSIDE SHIM	4
33	MJ30-20FGD-FLP03	GUARD RUBBER CLAMP	1
34	MJ30-20RGD03	REAR RUBBER CLAMP	1
35	MJRC-115	COUPLING BUSHING	12
36	12HEX109	1/2F HEX 10.9	18
37	12x112FSKS	1/2"x1 1/2" FINE SOCKET HEAD 12.9	6
38	12x134FSKS	1/2"x1 3/4" FINE SOCKET HEAD 12.9	12
39	190.000.545	PTO GUARD (EXTENDED OVAL)	1
40	5/8F	5/8" FINE NYLOC NUT	16
41	58x2FBZP	5/8"x2" FINE BOLT	16
42	81	CAT 2 PIN DIA 25.4x110mm	1
43	AN099/10	LINCH PIN DIA 9.5	3
44	CP176-181MG1	45mm INSERT	4
45	CW39174	DISC SPRING 39x17x4	2
46	FWM12	M12 FLAT WASHER	83
47	FWM12XL	M12 FLAT WASHER (EX-LARGE)	14
48	FWM16	M16 FLAT WASHER	20
49	FWM20	M20 FLAT WASHER	4
50	FWM8	M8 FLAT WASHER	4

51	M12	M12 NYLOC NUT	98
52	M12x20SZP	M12x20 SET BOLT	6
53	M12x30SKBH	M12x30 SOCKET BUTTON HEAD 10.9	16
54	M12x30SZP	M12x30 SET BOLT	31
55	M12x35BZP	M12x35 BOLT	18
56	M12x40SKBH	M12x40 SKT BUTTON HEAD 10.9	32
57	M16	M16 NYLOC NUT	2
58	M16x30SZP	M16x30 SET BOLT	2
59	M16x50BZP	M16x50 BOLT	2
60	M8x30SZP	M8x30 SET BOLT	4
61	NL12SP	M12 SP NORDLOCK	24
62	S112	CAT 2 PIN DIA 28.5x159mm	2

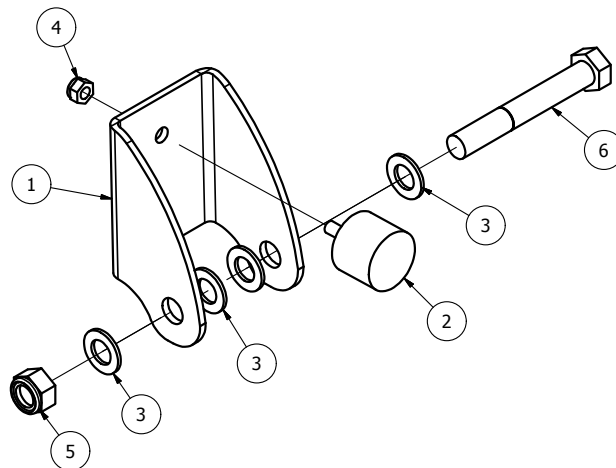
*** - further breakdown provided**

MJ30/J31 A-frame buffer (3000T-AFBGA) Type 1

MJ30/31 A-frame buffer (AFB-GA1) Type 2

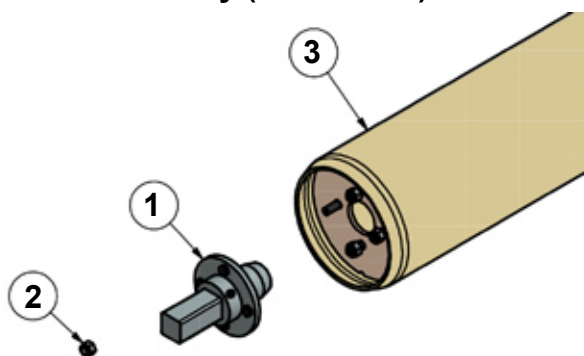


Item	Part No.	Description	Qty
1	3000T-AFB01	BUFFER MOUNT	1
2	MOT10	DIA 100x100 BUFFER	1
3	8T19	BUFFER SPACER	1
4	FWM20	M20 FLAT WASHER	4
5	M16	M16 NYLOC NUT	1
6	M20	M20 NYLOC NUT	1
7	M20x150BZP	M20x150 BOLT	1



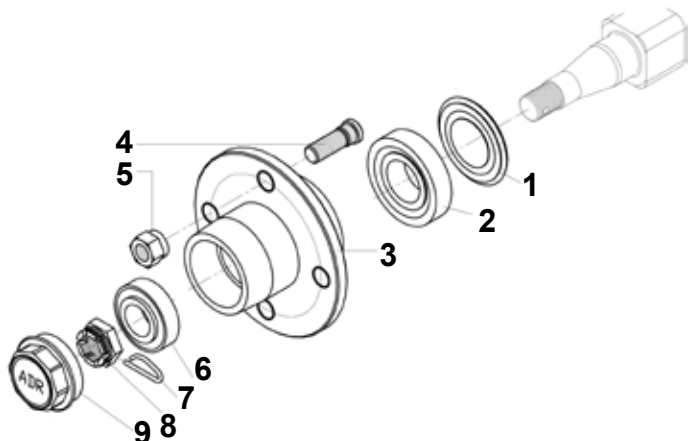
Item	Part No.	Description	Qty
1	AFB-MP	BUFFER MOUNT PLATE	1
2	53005802	DIA 50x40xM10 BUFFER	1
3	FWM20	M20 FLAT WASHER	4
4	M10	M10 NYLOC NUT	1
5	M20	M20 NYLOC NUT	1
6	M20x140BZP	M20x140 BOLT	1
7	M20x150BZP	M20x150 BOLT	1

Roller Assembly (All models)



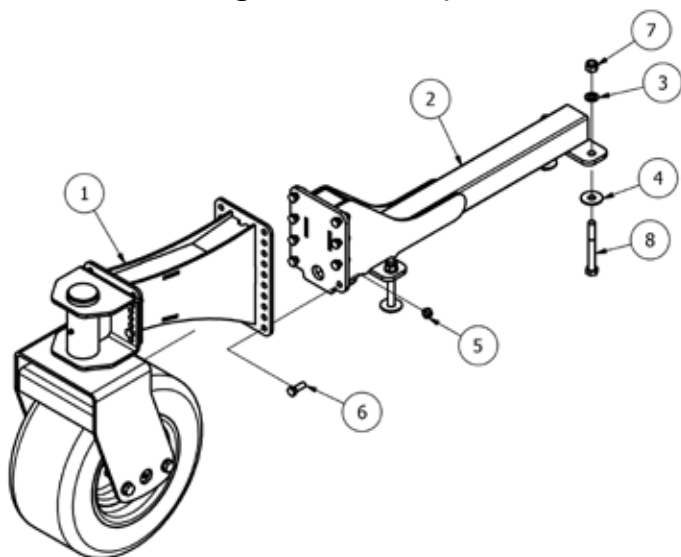
Item	Part No.	Description	Qty per Machine
1	3000T-ROL07	3000T ROLLER AXLE STUB	2 per roller
2	22204 57312B1	M12 FINE WHEEL NUT	8 per roller
3	MJ30-200-ROL02	2000 CYCLONE ROLLER	1 per MJ30/31-200
3	2500CM-ROL02	2500CM ROLLER	1 per MJ30/31-250
3	2800CM-ROL02	2800CM ROLLER	1 per MJ30/31-280
3	3000T-ROL02	3000T ROLLER (220mm)	1 per MJ30/31-300 1 per MJ30-350/420 (Body)
3	MJ30-350-ROLB02	350 BODY ROLLER	1 per MJ30-420 (Wing) 2 per MJ30-560 (Wing) 2 per MJ30-630 (Wing)
3	MJ30-350-ROLW02	350 WING ROLLER	1 per MJ30-350 (Wing) 2 per MJ30-420DW (Wing)
3	MJ30-560-ROLB02	560 BODY ROLLER	1 per MJ30-560/420DW (Body)
3	MJ30-630-ROLB02	630 BODY ROLLER	1 per MJ30-630 (Body)

Roller axle stub assembly (3000T-ROL07)



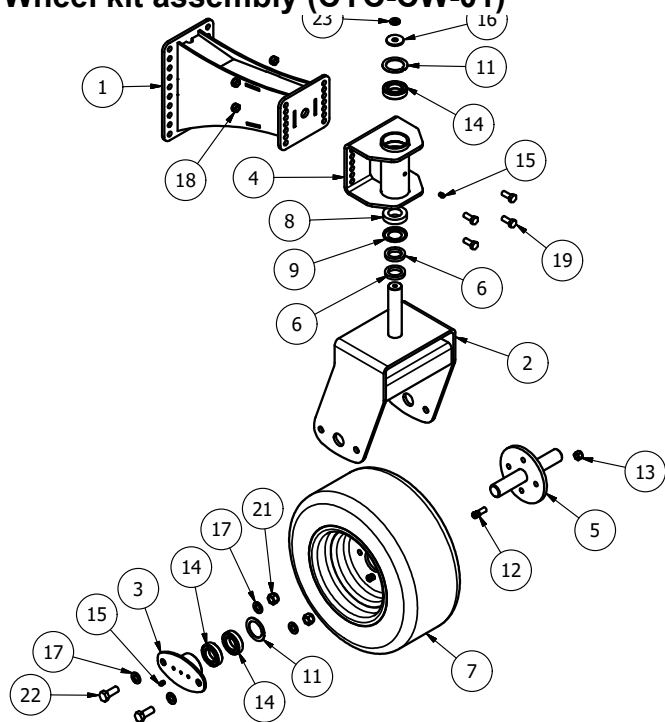
Item	Part No.	Description	Qty
1	30X62	SEAL	1
2	30206	BEARING	1
3	TWA-052	HUB	1
4	22205	STUD	4
5	22206	NUT	4
6	30204	BEARING	1
7	1500	SPLIT PIN	1
8	20033	CASTLE NUT	1
9	20040/1	DUST CAP	1

Wheel mounting bracket set (CYC-CW-WGKIT)



ITEM	PART NUMBER	DESCRIPTION	QTY
1	CYC-CW-01	CYCLONE CASTOR ASSY	1
2	CYC-CW-LK01	WING CASTOR MOUNT	1
3	FWM16	M16 FLAT WASHER	4
4	FWM16L	M16 FLAT WASHER (LARGE)	4
5	M12	M12 NYLOC NUT	8
6	M12x35BZP	M12x35 BOLT	8
7	M16	M16 NYLOC NUT	4
8	M16x130BZP	M16x130 BOLT	4

Wheel kit assembly (CYC-CW-01)



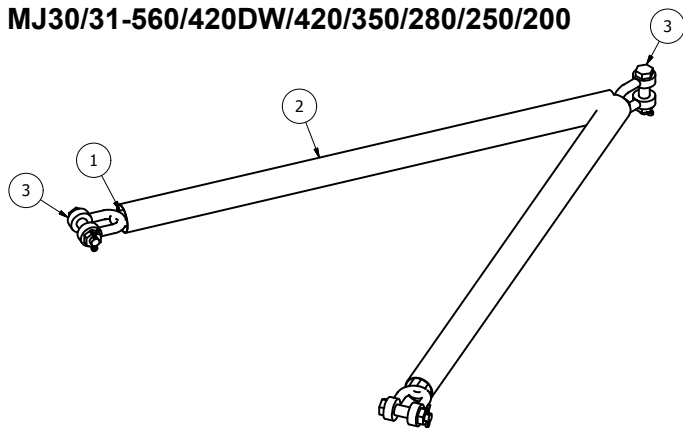
ITEM	PART NUMBER	DESCRIPTION	QTY
1	CYC-CW-10	CASTOR ARM	1
2	CYC-CW-20	CASTOR PIVOT FORK	1
3	CYC-CW-26	WHEEL BEARING HOUSE	2
4	CYC-CW-30	PIVOT BEARING HOUSING	1
5	CYC-CW-40	CASTOR AXLE	1
6	CYC-CW-35	SPACER WASHER	2
7	19555R10C	DIA 460x195mm	1
8	32007	TAPER BRG 62x35x18	1
9	32007XAV	NILOS RING 62x35	1
10	465601	DIA 61-64mm INSERT	1
11	55112	DIA 62 INT CIRCLIP	3
12	57112B1	M12 x 40 AXLE STUD	4
13	57312B1	M12 WHEEL NUT	4
14	6007RS	62x35x14 DEEP GROOVE	5
15	851	GREASE NIPPLE M8x1.25 STR	3
16	FWM12XL	M12 FLAT WASHER (EX-LARGE)	1
17	FWM16	M16 FLAT WASHER	8
18	M12	M12 NYLOC NUT	4
19	M12x30SZP	M12x30 SET BOLT	4
20	M12x35BZP	M12x35 BOLT	1
21	M16	M16 NYLOC NUT	4
22	M16x40SZP	M16x40 SET BOLT	4
23	NL12SP	M12 SP NORDLOCK	1

Other spares

Item Part No.	Description	Qty
1 CY-420-WR-SK	SEAL KIT FOR MJ30-420 RAM	

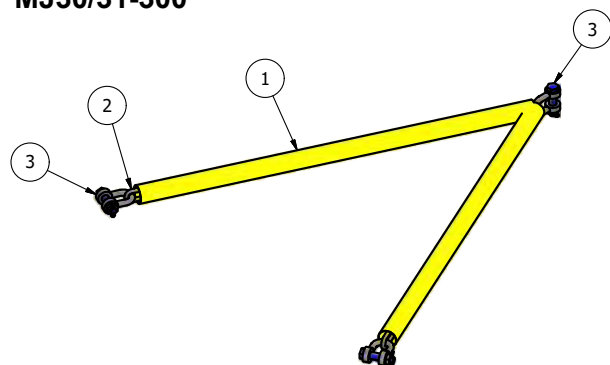
Chain straps

MJ30/31-560/420DW/420/350/280/250/200



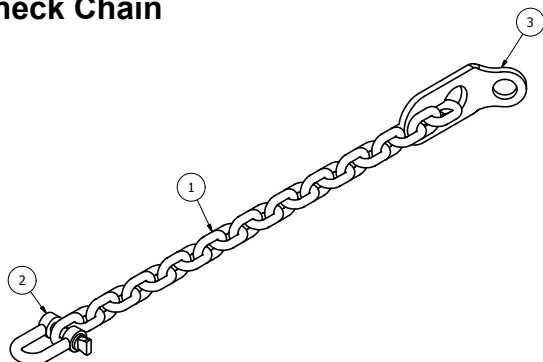
Item Part No.	Description	Qty
1 2500CM-STRP03	11mm LONG LINK CHAIN	2
2 2500CM-STRP02	COVER	2
3 DSR-5-8	5/8" RATED 'D' SHACKLE	3

MJ30/31-300



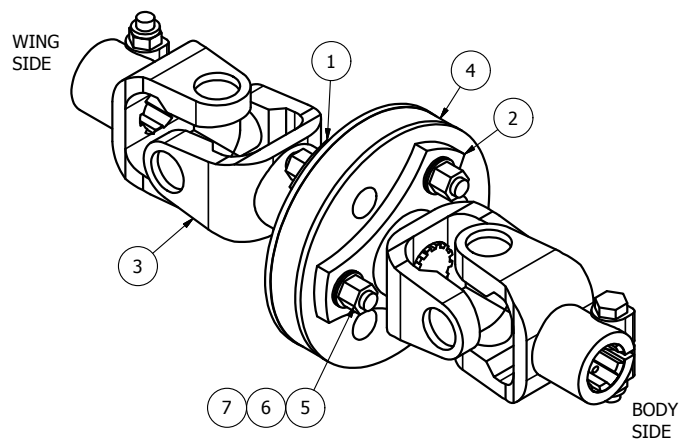
Item Part No.	Description	Qty
1 3000T-STRP02	COVER (50004112) YELLOW	2
2 3000T-STRP03	11x63GR80 CHAIN	2
3 DSR-5-8	5/8" RATED 'D' SHACKLE	3

Check Chain



Item Part No.	Description	Qty
1 SS-CHAIN	3/8" CHAIN STRAP	1
2 NT29A	1/2" 'D' SHACKLE	1
3 7SS-CHA2	CHAIN ADJUSTER	1

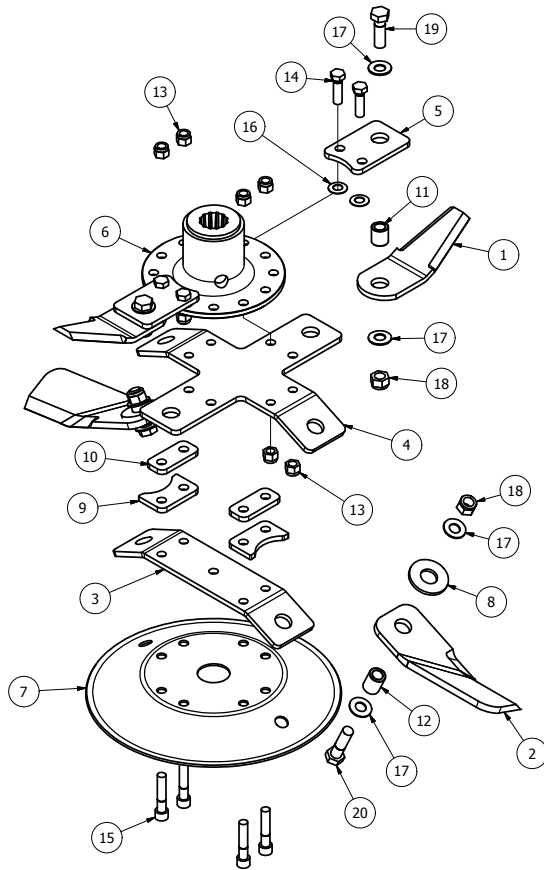
MJ30-350/420/420DW/560/630 Wing PTO assembly (CYC-WDR01)



Item Part No.	Description	Qty
1 CYC-WDR10	SPLINE BUSH DRIVE	1
2 CYC-WDR20	SPLINE YOKE DRIVE	1
3 CYC-WDR30	Z12 SHAFT YOKE	1
4 MJRC-23-5	113 PCD COUPLING 5mm PLT	1
5 12HEX109	1/2F HEX 10.9	6
6 12x112FSKS	1/2"x1 1/2" FINE SOCKET HEAD 12.9	6
7 NL12SP	M12 SP NORDLOCK	6

**YOKE ENDS MUST BE
ALIGNED AS SHOWN.**

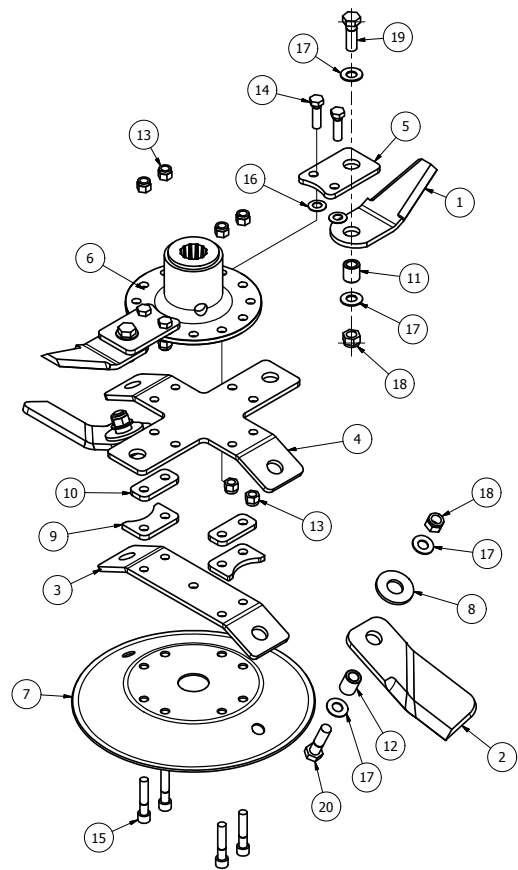
705-DCBLDHTX-L (MJ31-250/200)



ITEM	PART NUMBER	DESCRIPTION	QTY
1	BLD-25025-OVL	OVERLAP FOR BLADE 250xDia 25	2
2	BLD-25025T-10AC	Twist Blade 250xDia 25 (Anti_Clk)	2
3	BLDB-294-25	BLADE BACK (294 CTR 25 deg)	1
4	BLDBX-315-25	CROSS BLADE BACK (315 CTR 25 deg)	1
5	BLDBXT-315-30	OVERLAPPER MOUNT	2
6	DF-BMP	J205 G/BOX BLADE MOUNT	1
7	DISC-315-25	DISC (315 BLADE 25 deg)	1
8	BLD-25025H-WSR	5xDIA 26 BLADE WASHER	2
9	BLDB-315-25-SY-STP1	BLADE STOP SPACER	2
10	BLDB-315-25-SY2SP08	8mm SPACER	2
11	BB25-16-26	BLADE BUSH	2
12	BB25-16-32	BLADE BUSH	2
13	1/2F	1/2\" FINE NYLOC NUT	8
14	12x134FBZP	1/2\"x1 3/4\" FINE BOLT	4
15	12x212FSKS	1/2\"x2 1/2\" FINE SOCKET HEAD 12.9	4
16	D281421	DISC SPRING 28x14.2x1.0	4
17	DSW34	DISC SPRING 34x16.3 x2	8
18	M16	M16 NYLOC NUT	4
19	M16x50BZP	M16x50 BOLT	2
20	M16x60BZP	M16x60 BOLT	2

2 off MJ31-250 & MJ30-250
2 off MJ31-200 & MJ30-200

705-DCBLDHTX-R (MJ31-250/200)



ITEM	PART NUMBER	DESCRIPTION	QTY
1	BLD-25025-OVL	OVERLAP FOR BLADE 250xDia 25	2
2	BLD-25025T-10C	Twist Blade 250xDia 25 (Clk)	2
3	BLDB-294-25	BLADE BACK (294 CTR 25 deg)	1
4	BLDBX-315-25	CROSS BLADE BACK (315 CTR 25 deg)	1
5	BLDBXT-315-30	OVERLAPPER MOUNT	2
6	DF-BMP	J205 G/BOX BLADE MOUNT	1
7	DISC-315-25	DISC (315 BLADE 25 deg)	1
8	BLD-25025H-WSR	5xDIA 26 BLADE WASHER	2
9	BLDB-315-25-SY-STP1	BLADE STOP SPACER	2
10	BLDB-315-25-SY2SP08	8mm SPACER	2
11	BB25-16-26	BLADE BUSH	2
12	BB25-16-32	BLADE BUSH	2
13	1/2F	1/2\" FINE NYLOC NUT	8
14	12x134FBZP	1/2\"x1 3/4\" FINE BOLT	4
15	12x212FSKS	1/2\"x2 1/2\" FINE SOCKET HEAD 12.9	4
16	D281421	DISC SPRING 28x14.2x1.0	4
17	DSW34	DISC SPRING 34x16.3 x2	8
18	M16	M16 NYLOC NUT	4
19	M16x50BZP	M16x50 BOLT	2
20	M16x60BZP	M16x60 BOLT	2

2 off MJ31-250 & MJ30-250
1 off MJ31-200 & MJ30-200