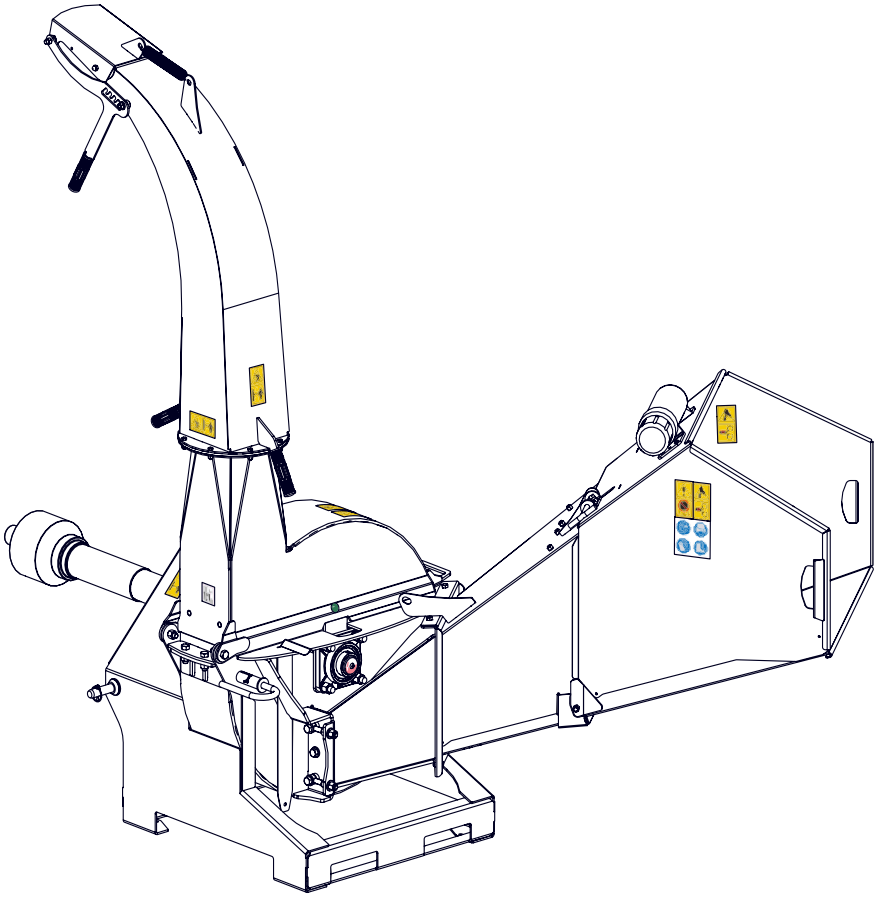
WALLENSTEIN
BY EMB MFG INC.

EMB Manufacturing Inc.
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BX72S 3PH Self Feed Chipper
Parts Manual

Starting with S/N 172S00001



Refer to the operators manual for safe operation and maintenance

CE

1025T100 BX72S RevA1.Parts Book.150615
Rev # 130417

Foreword

EMB Mfg. has prepared this parts manual to assist customers in ordering quality OEM replacement parts.

Proper and regular service and replacing old, worn or broken parts with the correct OEM parts are essential to prolonging the life of your EMB product. Please refer to this manual before ordering any replacement parts.

All information contained in this parts manual is based on the latest product specification available at the time of printing this manual. If your product differs from the specifications contained within this manual contact EMB Mfg. for information.

EMB reserves the right to alter specifications on their products at any time.

Reproduction of this parts manual of any kind is prohibited without prior written permission from EMB Mfg.

For parts and information please contact your dealer. If your dealer is no longer available please go to our website: http://www.wallensteinequipment.com and click on ”FIND A DEALER NEAR YOU” for information on a local dealer.

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Maintenance should be performed by trained personnel only.



Refer to the operators manual for safe operation and maintenance

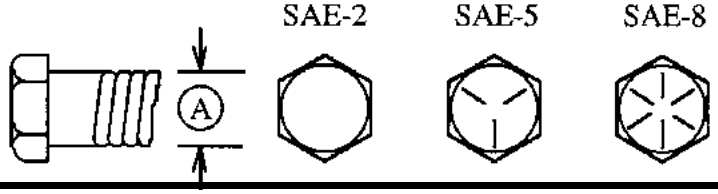
Bolt Torque

CHECKING BOLT TORQUE

The tables shown below give correct torque values for various bolts and capscrews. Tighten all bolts to the torques specified in chart unless otherwise noted. Check tightness of bolts periodically, using bolt torque chart as a guide. Replace hardware with the same strength bolt.

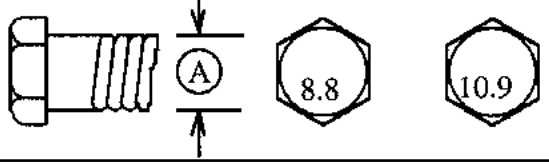
ENGLISH TORQUE SPECIFICATIONS

Bolt Diamter "A"	Bolt Torque*					
	SAE 2 (N.m)	(lb-ft)	SAE 5 (N.m)	(lb-ft)	SAE 8 (N.m)	(lb-ft)
1/4"	8	6	12	9	17	12
5/16"	13	10	25	19	36	27
3/8"	27	20	45	33	63	45
7/16"	41	30	72	53	100	75
1/2"	61	45	110	80	155	115
9/16"	95	60	155	115	220	165
5/8"	128	95	215	160	305	220
3/4"	225	165	390	290	540	400
7/8"	230	170	570	420	880	650
1"	345	225	850	630	1320	970



METRIC TORQUE SPECIFICATIONS

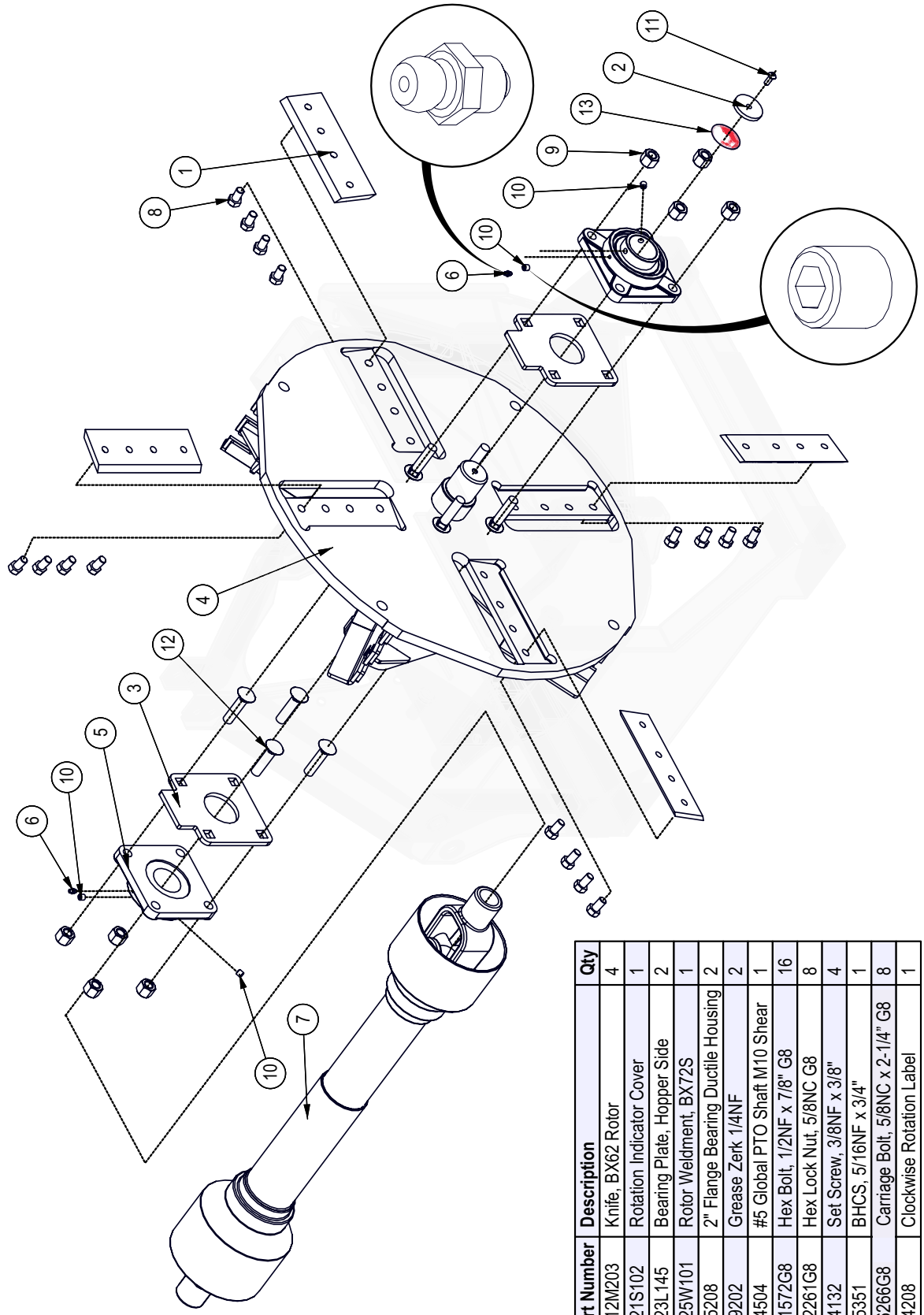
Bolt Diameter "A"	Bolt Torque*			
	8.8 (N.m)	(lb-ft)	10.9 (N.m)	(lb-ft)
M3	0.5	0.4	1.8	1.3
M4	3	2.2	4.5	3.3
M5	6	4	9	7
M6	10	7	15	11
M8	25	18	35	26
M10	50	37	70	52
M12	90	66	125	92
M14	140	103	200	148
M16	225	166	310	229
M20	435	321	610	450
M24	750	553	1050	774
M30	1495	1103	2100	1550
M36	2600	1917	3675	2710



Torque figures indicated above are valid for non-greased or non-oiled threads and heads unless otherwise specified. Therefore, do not grease or oil bolts or capscrews unless otherwise specified in this manual. When using locking elements, increase torque values by 5%.

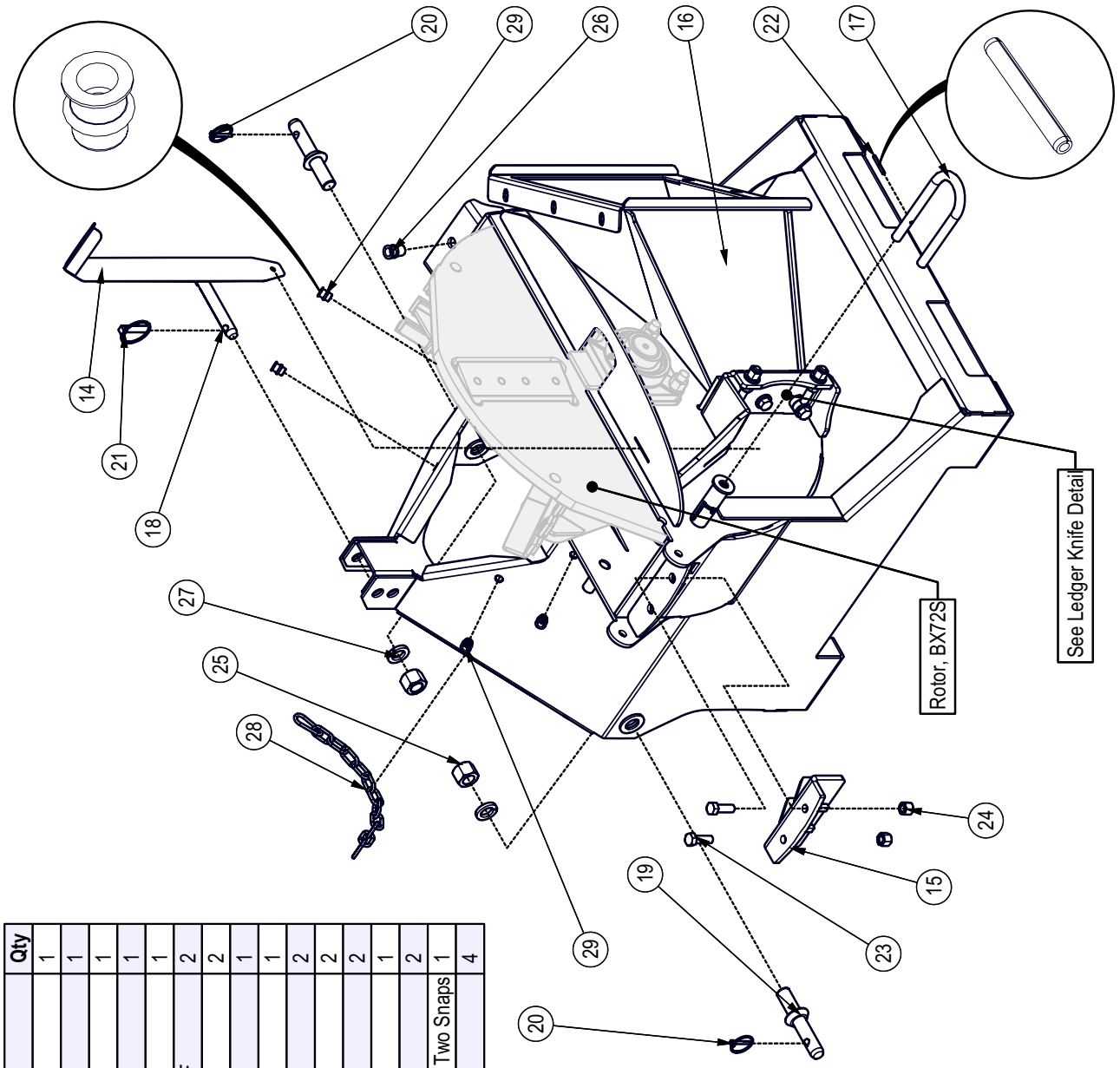
* Torque value for bolts and capscrews are identified by their head markings.

Rotor Assembly



BOM ID	Part Number	Description	Qty
1	1012M203	Knife, BX62 Rotor	4
2	1021S102	Rotation Indicator Cover	1
3	1023L145	Bearing Plate, Hopper Side	2
4	1025W101	Rotor Weldment, BX72S	1
5	Z25208	2" Flange Bearing Ductile Housing	2
6	Z29202	Grease Zerk 1/4NF	2
7	Z44504	#5 Global PTO Shaft M10 Shear	1
8	Z71572G8	Hex Bolt, 1/2NF x 7/8" G8	16
9	Z72261G8	Hex Lock Nut, 5/8NC G8	8
10	Z74132	Set Screw, 3/8NF x 3/8"	4
11	Z75351	BHCS, 5/16NF x 3/4"	1
12	Z76266G8	Carriage Bolt, 5/8NC x 2-1/4" G8	8
13	Z94208	Clockwise Rotation Label	1

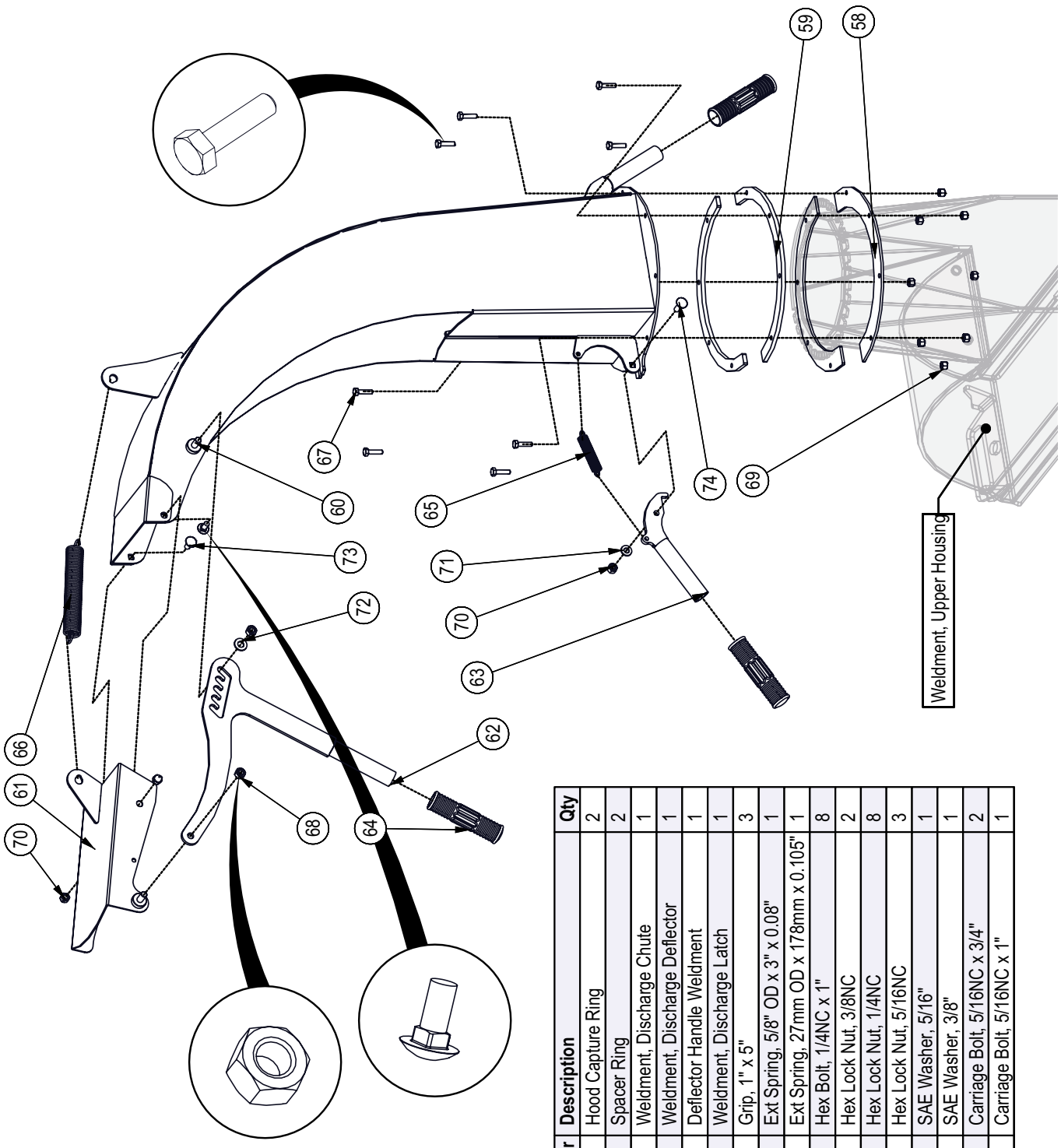
Lower Rotor Housing



BOM ID	Part Number	Description	Qty
14	1012L269	Gauge, Ledger Setting	1
15	1012W204	Twig Breaker	1
16	1025W102	Lower Housing Weldment	1
17	1082M402	Locking Plunger	1
18	Z11122	Toplink Pin, 3/4" x 3-7/8"	1
19	Z11431	Implement Pin, 7/8" x 1-3/4" x 7/8NF	2
20	Z12110	Lynch Pin, 3/16"	2
21	Z12140	Lynch Pin, 7/16"	1
22	Z14151	Roll Pin, 3/16" x 1-1/2"	1
23	Z71515	Hex Bolt, 1/2NC x 1-1/2"	2
24	Z72251	Hex Lock Nut, 1/2NC	2
25	Z72282	Hex Lock Nut, 7/8NF	2
26	Z72961	Rivet Nut, 1/2NC x 350	1
27	Z73381	Split Lock Washer, 7/8"	2
28	Z92310	PTO Support Chain, 3/16" x 1ft with Two Snaps	1
29	Z77940	Rivet Nut, M10x1.5 x 313	4

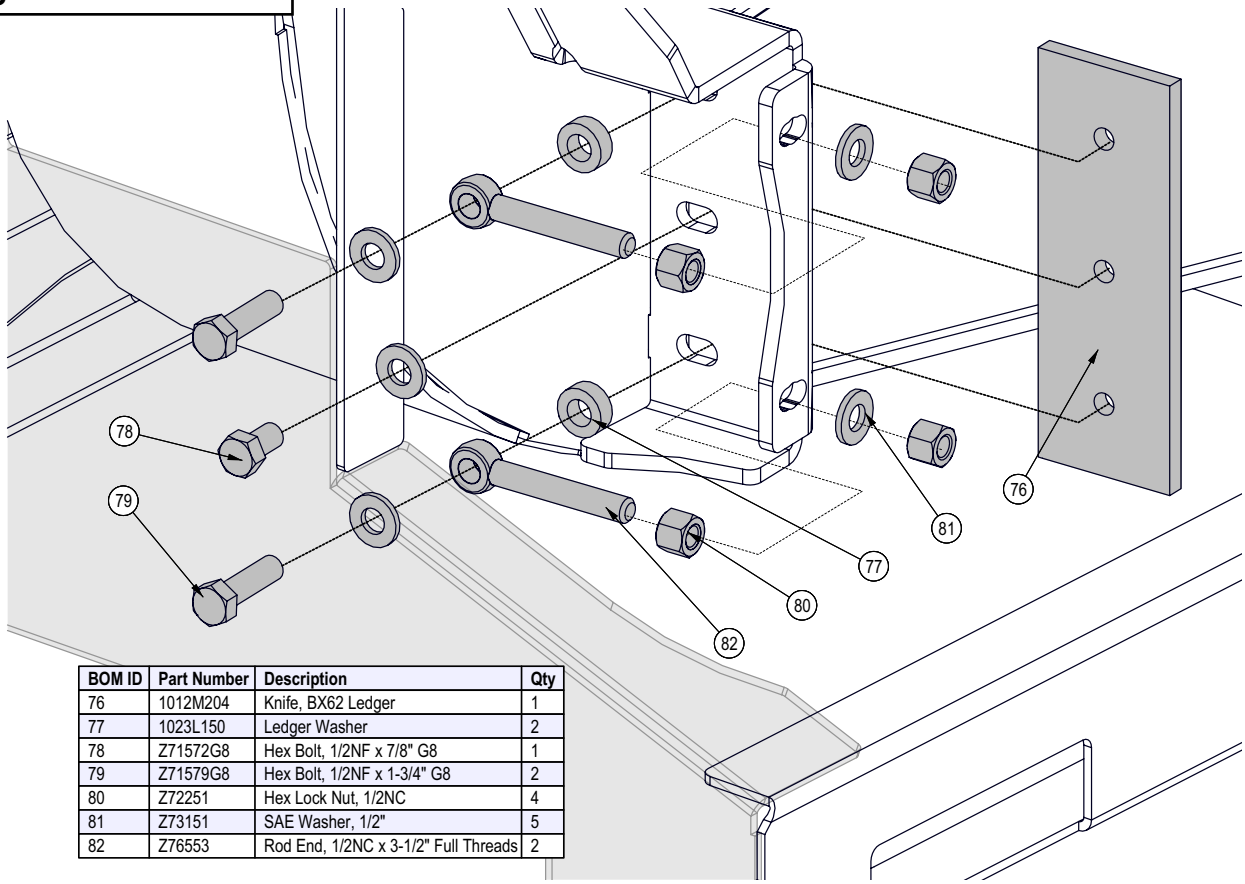
 For threaded parts installation, refer to the torque charts in this manual.

Discharge Chute



BOM ID	Part Number	Description	Qty
58	1023L291	Hood Capture Ring	2
59	1023L292	Spacer Ring	2
60	1023W223	Weldment, Discharge Chute	1
61	1023W224	Weldment, Discharge Deflector	1
62	1023W226	Deflector Handle Weldment	1
63	1024W108	Weldment, Discharge Latch	1
64	Z19321	Grip, 1" x 5"	3
65	Z31305	Ext Spring, 5/8" OD x 3" x 0.08"	1
66	Z31403	Ext Spring, 27mm OD x 178mm x 0.105"	1
67	Z71110	Hex Bolt, 1/4NC x 1"	8
68	Z72231	Hex Lock Nut, 3/8NC	2
69	Z72211	Hex Lock Nut, 1/4NC	8
70	Z72221	Hex Lock Nut, 5/16NC	3
71	Z73122	SAE Washer, 5/16"	1
72	Z73131	SAE Washer, 3/8"	1
73	Z76221	Carriage Bolt, 5/16NC x 3/4"	2
74	Z76225	Carriage Bolt, 5/16NC x 1"	1

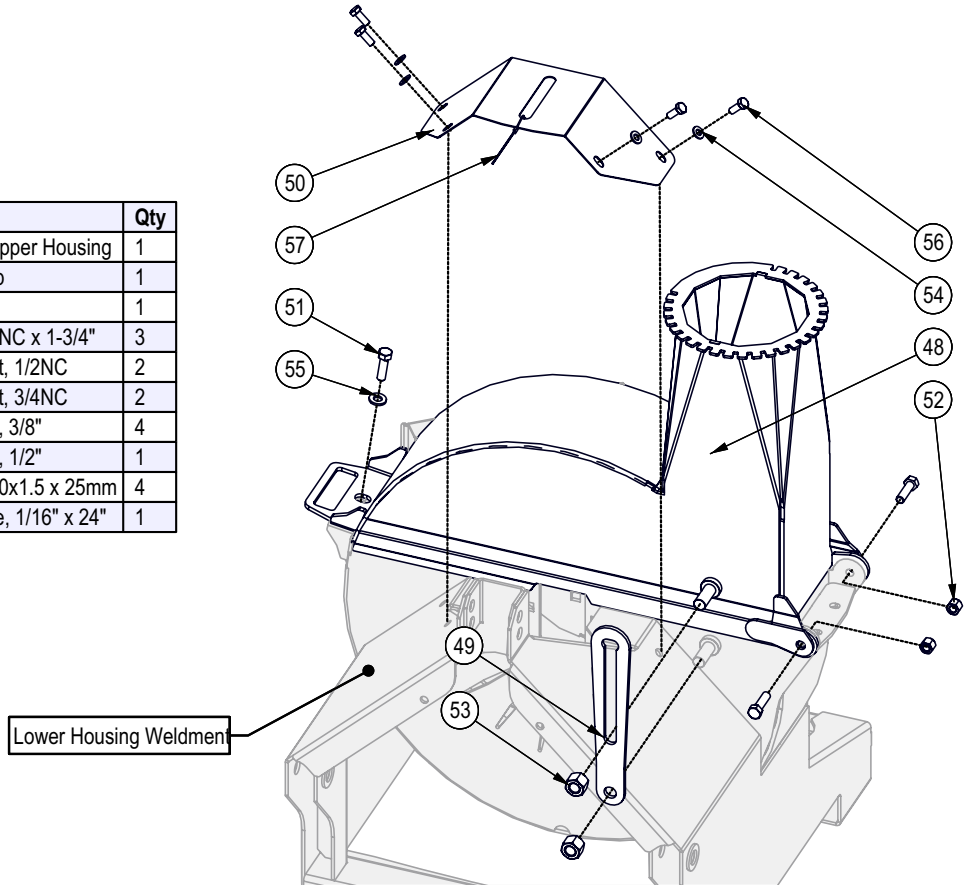
Ledger Knife Detail



BOM ID	Part Number	Description	Qty
76	1012M204	Knife, BX62 Ledger	1
77	1023L150	Ledger Washer	2
78	Z71572G8	Hex Bolt, 1/2NF x 7/8" G8	1
79	Z71579G8	Hex Bolt, 1/2NF x 1-3/4" G8	2
80	Z72251	Hex Lock Nut, 1/2NC	4
81	Z73151	SAE Washer, 1/2"	5
82	Z76553	Rod End, 1/2NC x 3-1/2" Full Threads	2

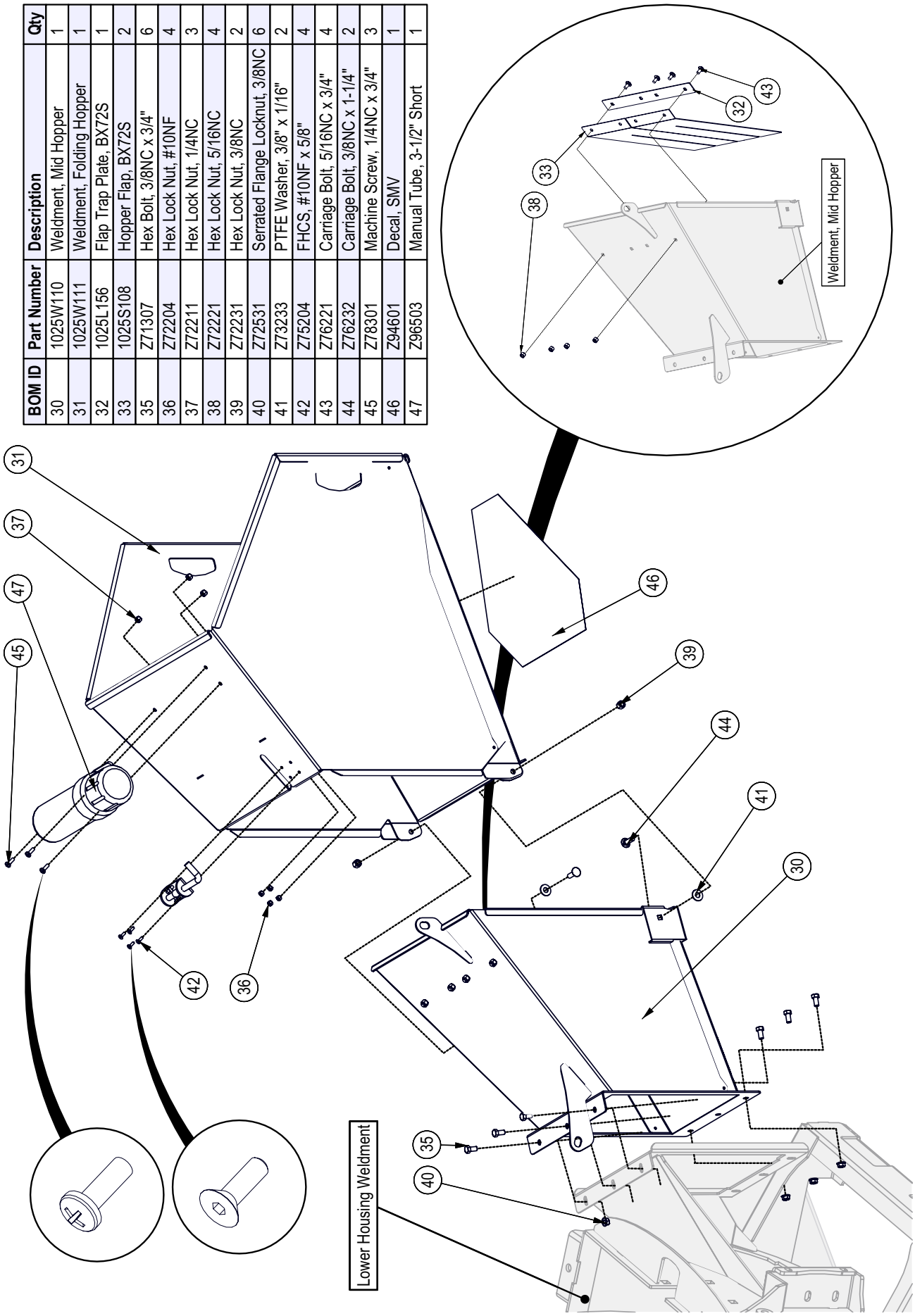
Upper Rotor Housing

BOM ID	Part Number	Description	Qty
48	1025W112	Weldment, Upper Housing	1
49	1023L155	Rotation Stop	1
50	1024L154	PTO Guard	1
51	Z71517	Hex Bolt, 1/2NC x 1-3/4"	3
52	Z72251	Hex Lock Nut, 1/2NC	2
53	Z72271	Hex Lock Nut, 3/4NC	2
54	Z73131	SAE Washer, 3/8"	4
55	Z73151	SAE Washer, 1/2"	1
56	Z77162	Hex Bolt, M10x1.5 x 25mm	4
57	Z92110	Aircraft Cable, 1/16" x 24"	1



Feed Chute

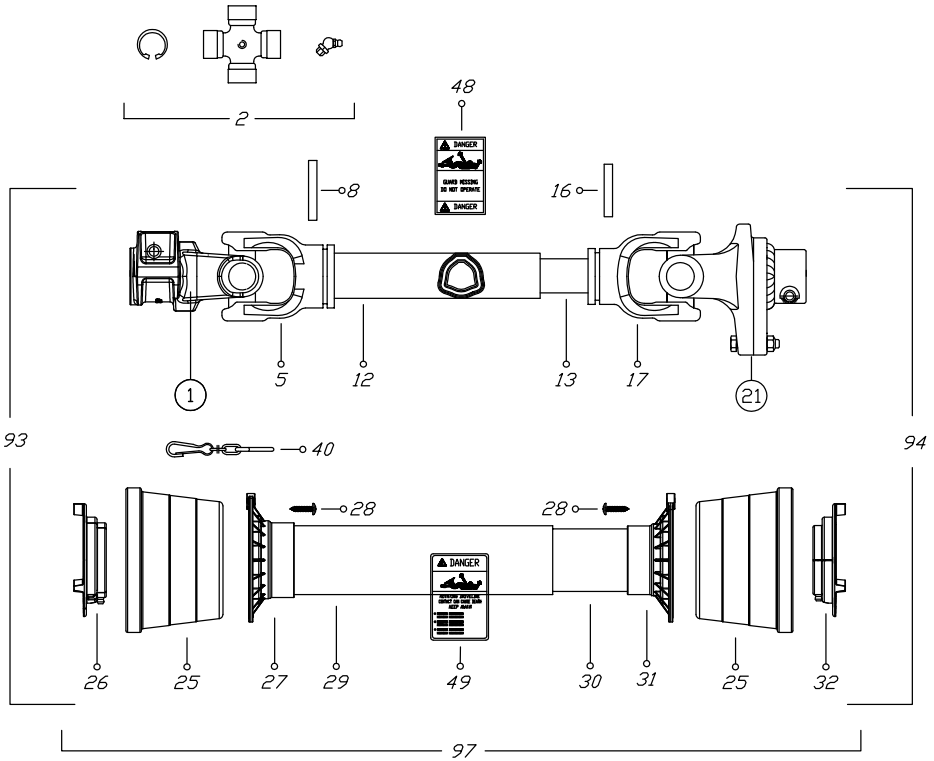
BOM ID	Part Number	Description	Qty
30	1025W110	Weldment, Mid Hopper	1
31	1025W111	Weldment, Folding Hopper	1
32	1025L156	Flap Trap Plate, BX72S	1
33	1025S108	Hopper Flap, BX72S	2
35	Z71307	Hex Bolt, 3/8NC x 3/4"	6
36	Z72204	Hex Lock Nut, #10NF	4
37	Z72211	Hex Lock Nut, 1/4NC	3
38	Z72221	Hex Lock Nut, 5/16NC	4
39	Z72231	Hex Lock Nut, 3/8NC	2
40	Z72531	Serrated Flange Locknut, 3/8NC	6
41	Z73233	PTFE Washer, 3/8" x 1/16"	2
42	Z75204	FHCS, #10NF x 5/8"	4
43	Z76221	Carriage Bolt, 5/16NC x 3/4"	4
44	Z76232	Carriage Bolt, 3/8NC x 1-1/4"	2
45	Z78301	Machine Screw, 1/4NC x 3/4"	3
46	Z94601	Decal, SMV	1
47	Z96503	Manual Tube, 3-1/2" Short	1

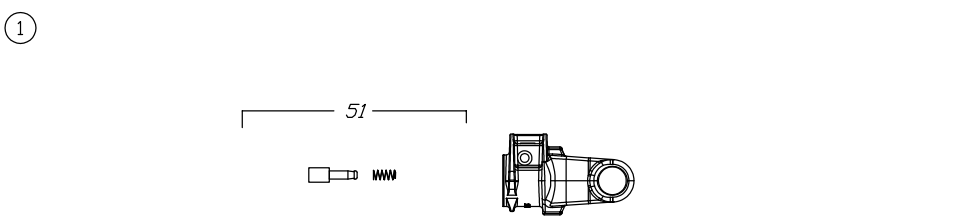


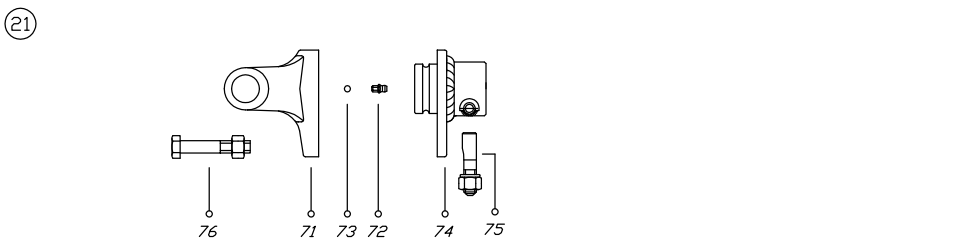
PTO Shaft #Z44504

Binacchi SPARE PARTS LIST : B5D056US098001

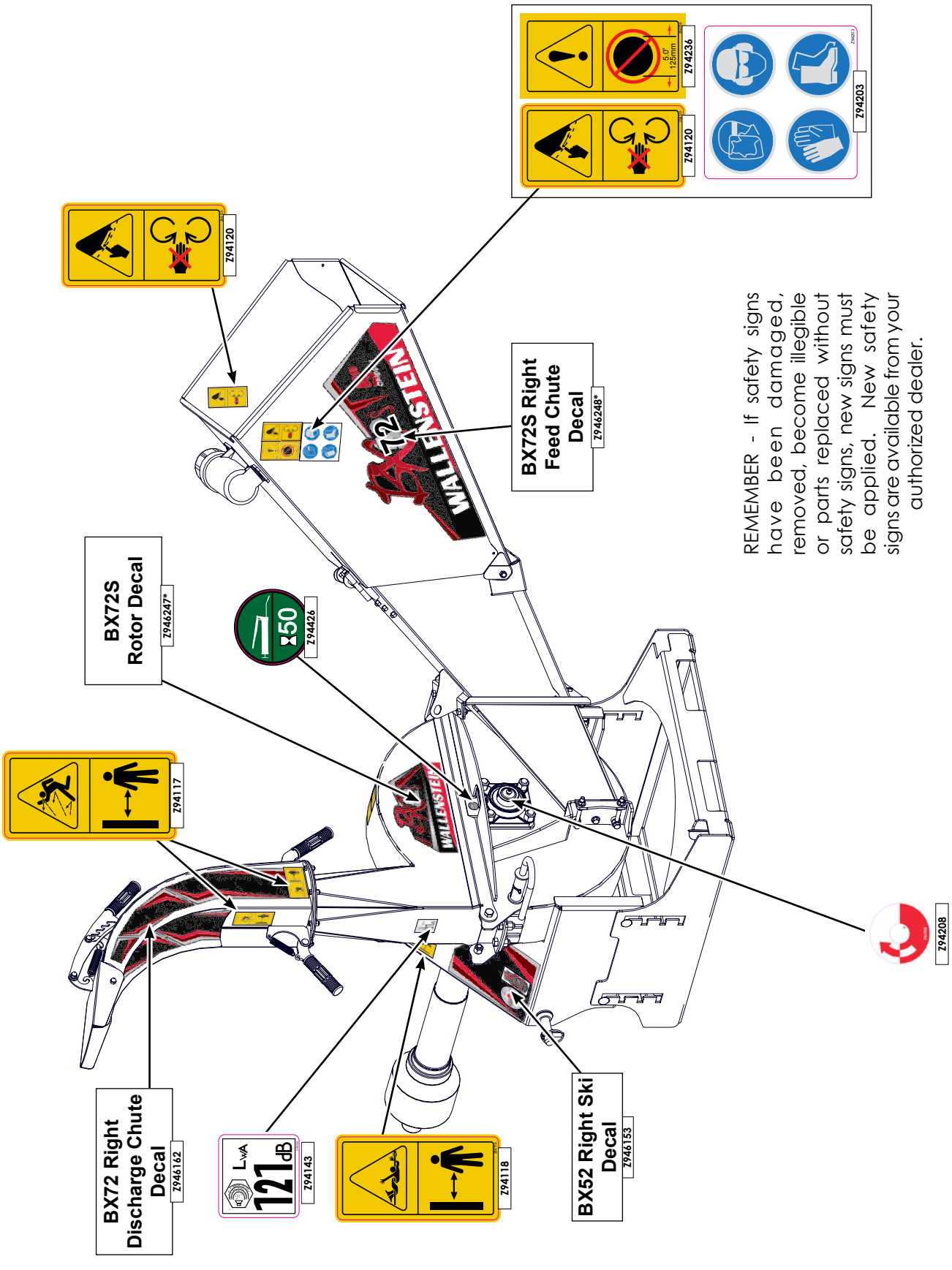
POS.	DESCRIPTION	Q.	Part #
01	YOKE	1	0800503
02	CROSS JOURNAL ASS.	2	08205
05	OUTER TUBE YOKE	1	08005021
08	FLEXIBLE PIN	1	098701075
12	CM. 100 CARDAN TUBE(*)	1	09881523100
13	CM. 100 CARDAN TUBE(*)	1	09881454100
16	FLEXIBLE PIN	1	0987001065
17	INNER TUBE YOKE	1	08005011
21	SHEAR BOLT M10X1.5X55	1	Z19407 (5 Pack)
25	CONE SHIELD BELL 05-06	2	021906C001
26	OUTER BEARING 05	1	025505C001
27	OUTER BASE CONE 05-06	1	025406C001
28	SCREW	6	0998052242
29	OUTER SAFETY TUBE	1	0988981NB5056
30	INNER SAFETY TUBE	1	0988975NB5056
31	INNER BASE CONE 05-06	1	025406C002
32	INNER BEARING 05	1	025505C002
40	CHAIN	1	0252000001
48	LABEL DANGER OUTER DRIVE TUBE	1	09872006
49	EXTERNAL SHIELD LABEL	1	09872003
51	COMPLETE PUSH BUTTTON	1	0986014047
71	YOKE FOR LB5	1	08896905
72	GREASE NIPPLE	1	0984010150
73	STEEL BALL	23	098680104
74	HUB	1	088965A60
75	PUSH PIN SET	1	0986014075
76	NUT AND BOLT M10 x 1.5 x 55 10.9	1	Z19407 (5 Pack)
93	OUTER HALF SHAFT	1	B5056US2
94	INNER HALF SHAFT	1	B5056US1098001
97	SAFETY GUARD	1	083US05056



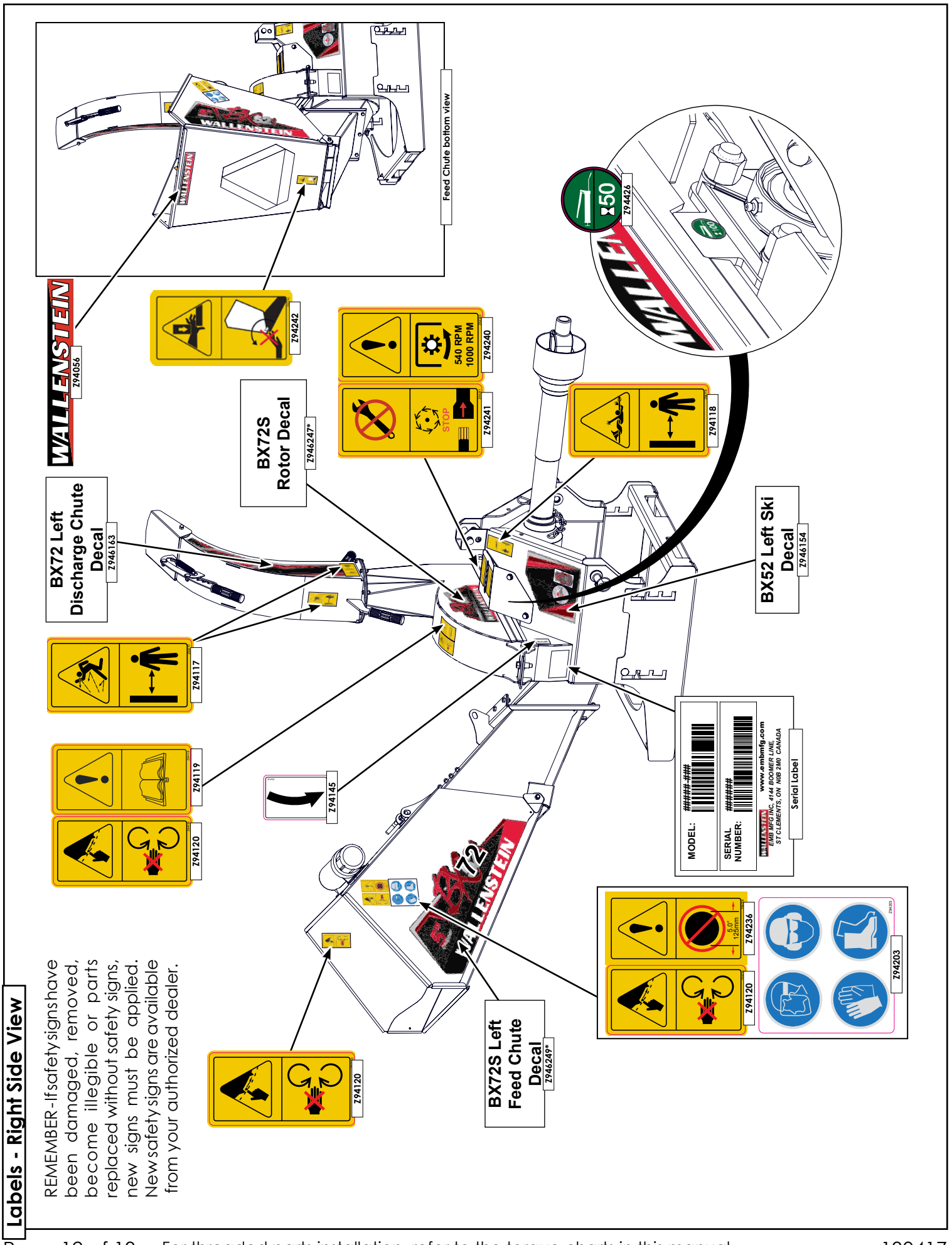




Labels - Left Side View



REMEMBER - If safety signs have been damaged, removed, become illegible or parts replaced without safety signs, new signs must be applied. New safety signs are available from your authorized dealer.

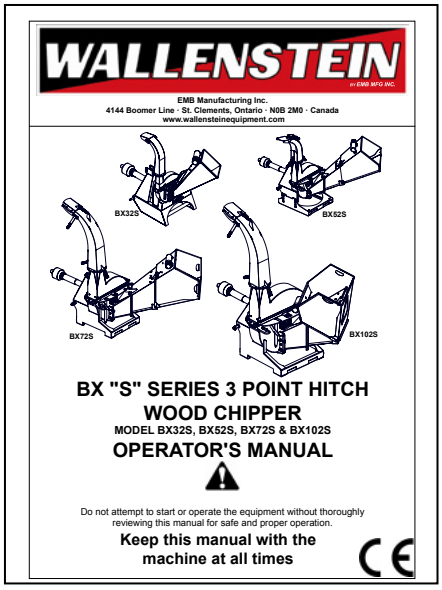


Labels - Right Side View

REMEMBER - If safety signs have been damaged, removed, become illegible or parts replaced without safety signs, new signs must be applied. New safety signs are available from your authorized dealer.

Accessories

Call your dealer for pricing and availability

	**#1012L269 LEDGER CLEARANCE SETTING GAUGE** An easy and accurate way of setting the critical clearances between the ledger blade and the rotor chipper blade.
	**#Z97085** **BX "S" SERIES 3 POINT HITCH WOOD CHIPPER OPERATOR'S MANUAL** Available as a download at www.wallensteinequipment.com