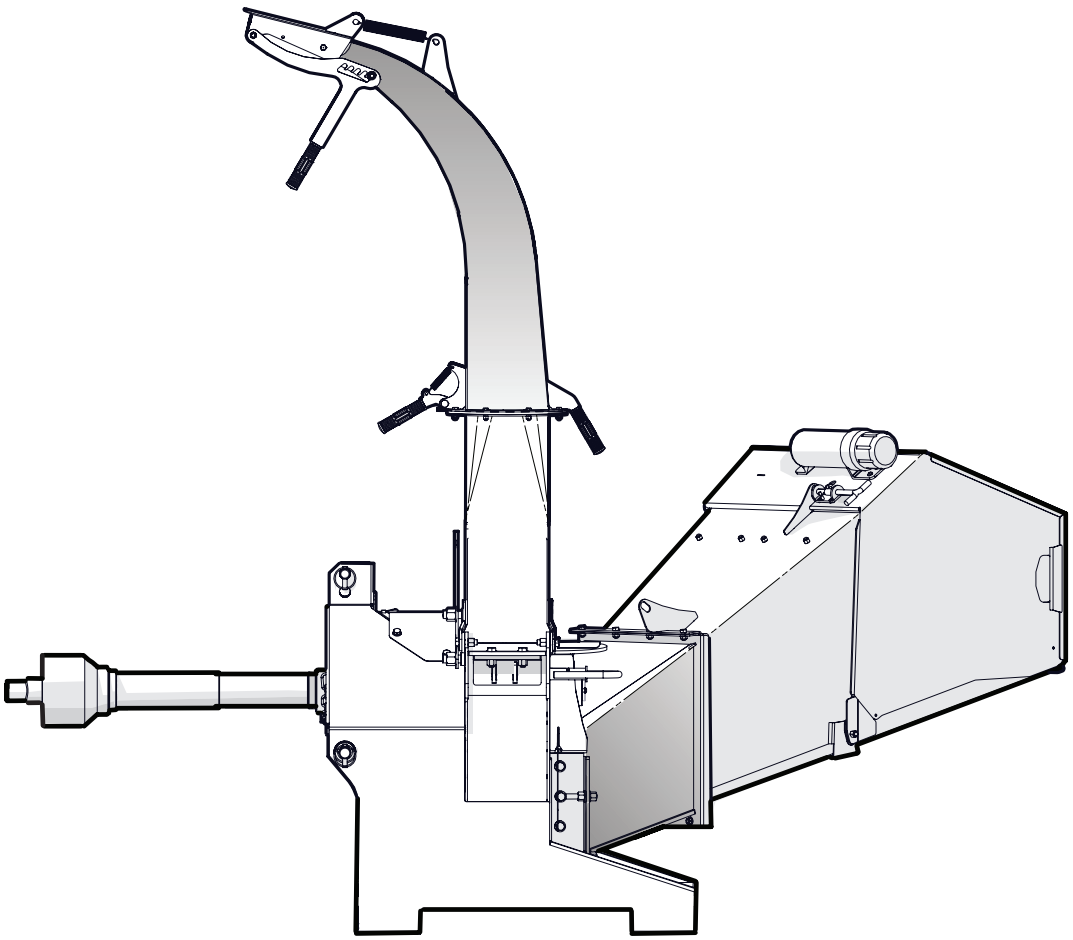
Part Number: 1025T000

PARTS MANUAL

Serial Number 1102S00001 & up

BX102S
3 PH SELF-FEED CHIPPER



WALLENSTEIN

Revision A Jan-2019

Foreword

This Wallenstein parts manual is prepared to assist customers in ordering quality OEM replacement parts.

Regular maintenance combined with replacing old, worn or broken parts with the correct OEM parts is essential in prolonging the life of your Wallenstein product. Refer to this manual to identify replacement parts.

To order parts, contact your Wallenstein dealer or distributor. Have the product model and serial number handy.

If your dealer is no longer available, please go to our website: http://wallensteinequipment.com and click on the Dealer Locator to find the nearest dealer.

All information contained in this parts manual is current as per the revision date at the bottom of the page. Wallenstein reserves the right to change product specifications at any time without notice.

If your product specifications differ from those contained in this manual, contact Wallenstein for current information.

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⚠ WARNING!

Refer to the operators manual for safe operation and maintenance.

Maintenance should be performed by trained personnel only.

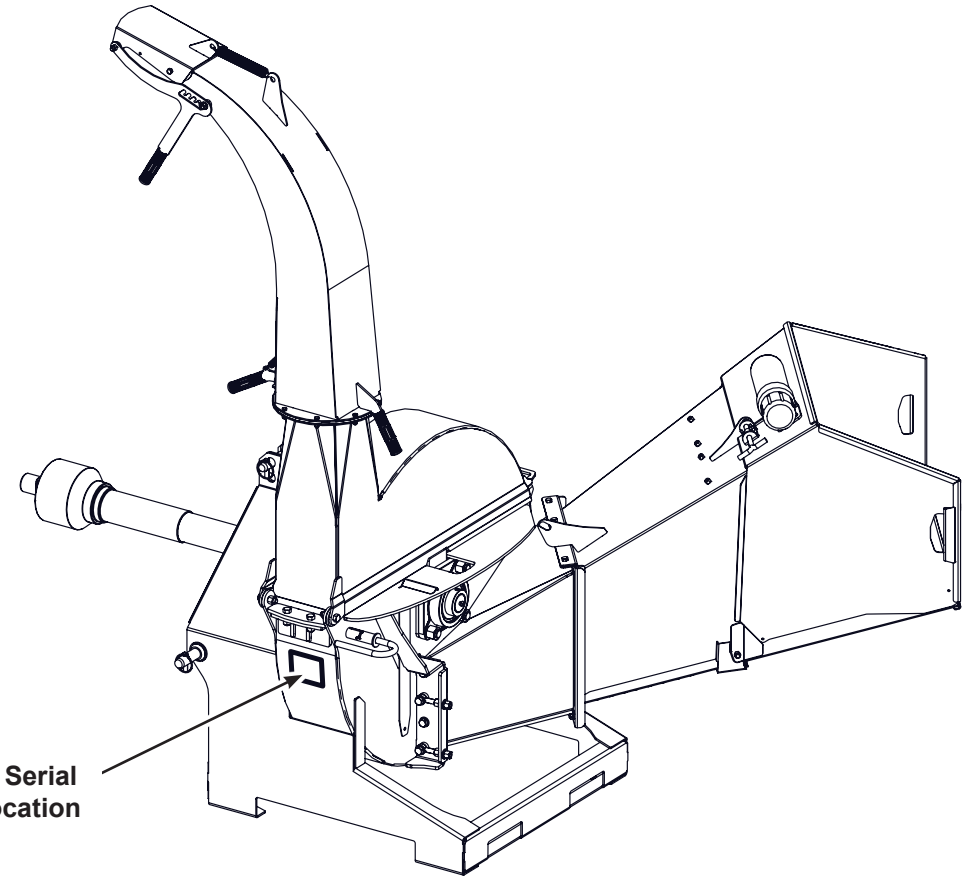
Serial Number Location

Always provide the model and serial number of your Wallenstein product when ordering parts or requesting service or other information. This information is found on the product information plate as shown below.

Record your product information here for future reference.

Model_____

Serial Number_____



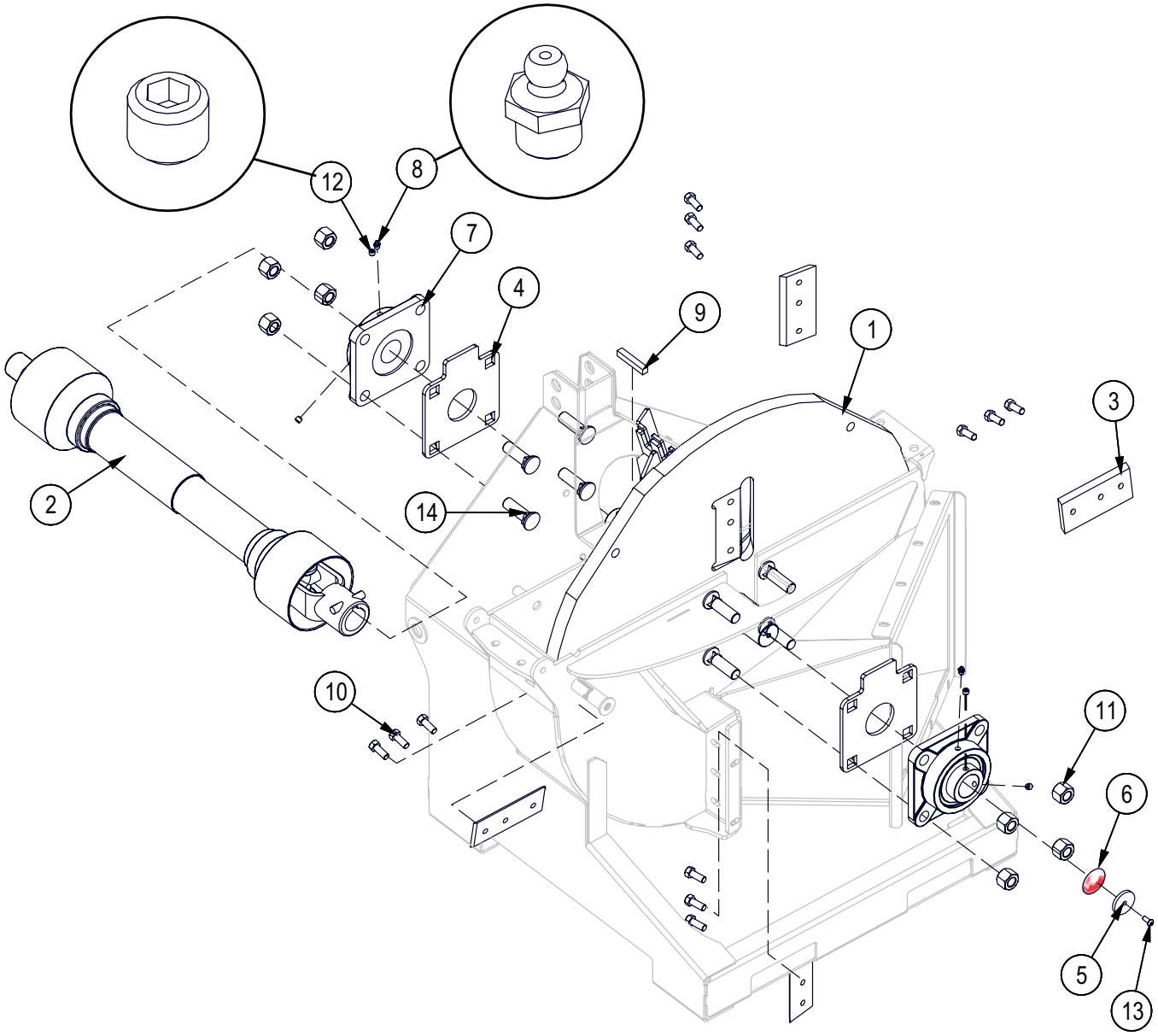
Model and Serial Number Location

www.wallensteinequipment.com

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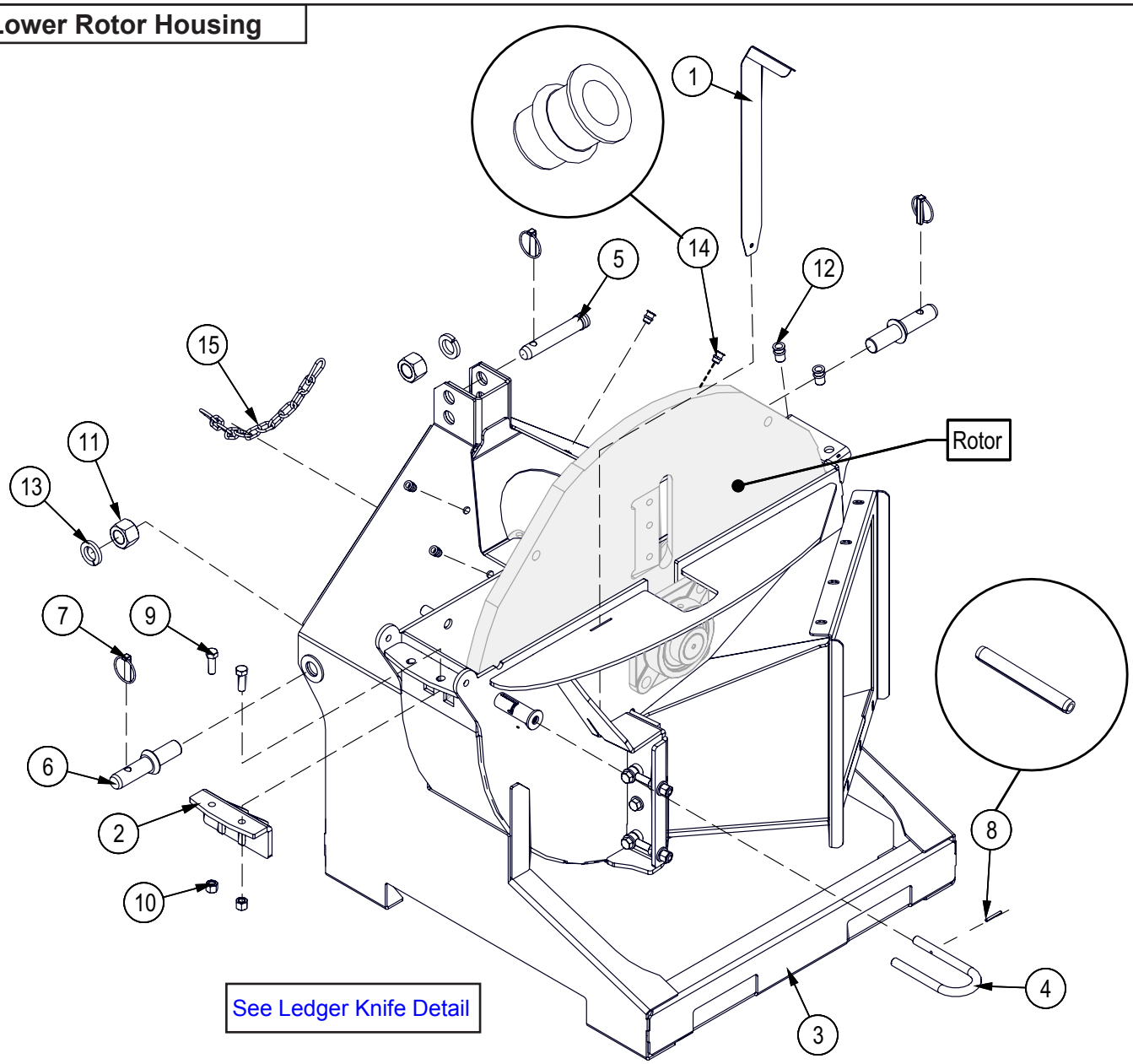
Rotor Assembly



Item No.	Part No.	Description	Qty
1	1025W501	Rotor, 10" Self Feed	1
2	Z44802	Global Series 8 PTO Shaft 2" Crossbolt	1
3	1019M903	Knife, BX92 Rotor	4
4	1021L165	Bearing Plate, BX102R x 5/16"	2
5	1021S102	Rotation Indicator Cover	1
6	Z94208	Clockwise Rotation Label	1
7	Z25209	UCF311 Flange Bearing	2
8	Z29201	Grease Fitting, 1/8NPT	2
9	Z46563	Key, 1/2 x 1/2 x 3	1
10	Z71575G8	Hex Bolt, 1/2NF x 1-1/4" G8	12
11	Z72281G8	Hex Lock Nut, 7/8NC G8	8
12	Z74141	Set Screw, 7/16NF x 3/8"	4
13	Z75351	BHCS, 5/16NF x 3/4"	1
14	Z76681G8	Dome Plow Bolt, 7/8NC x 3" G8	8

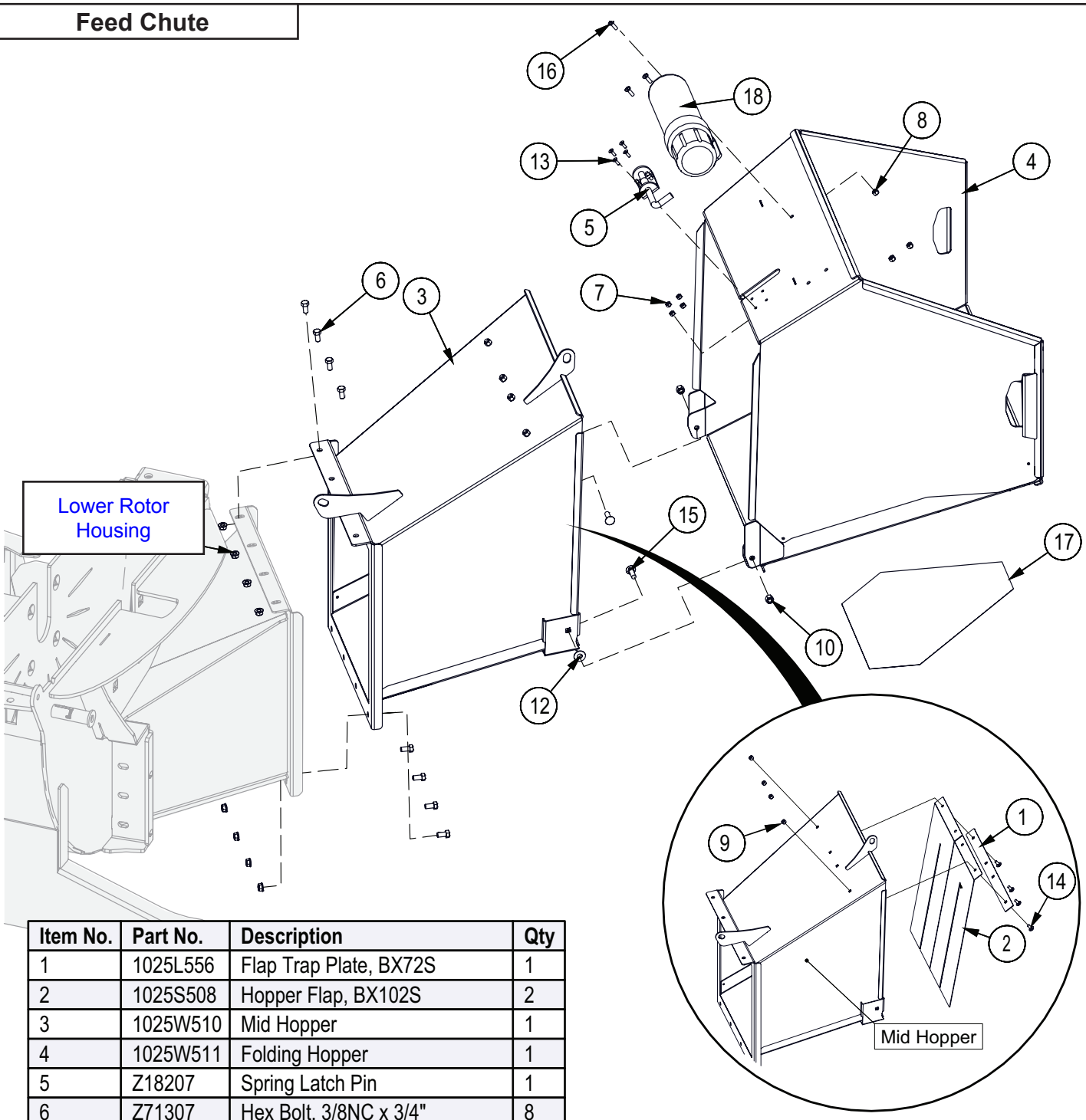
See PTO Shaft Assembly

Lower Rotor Housing



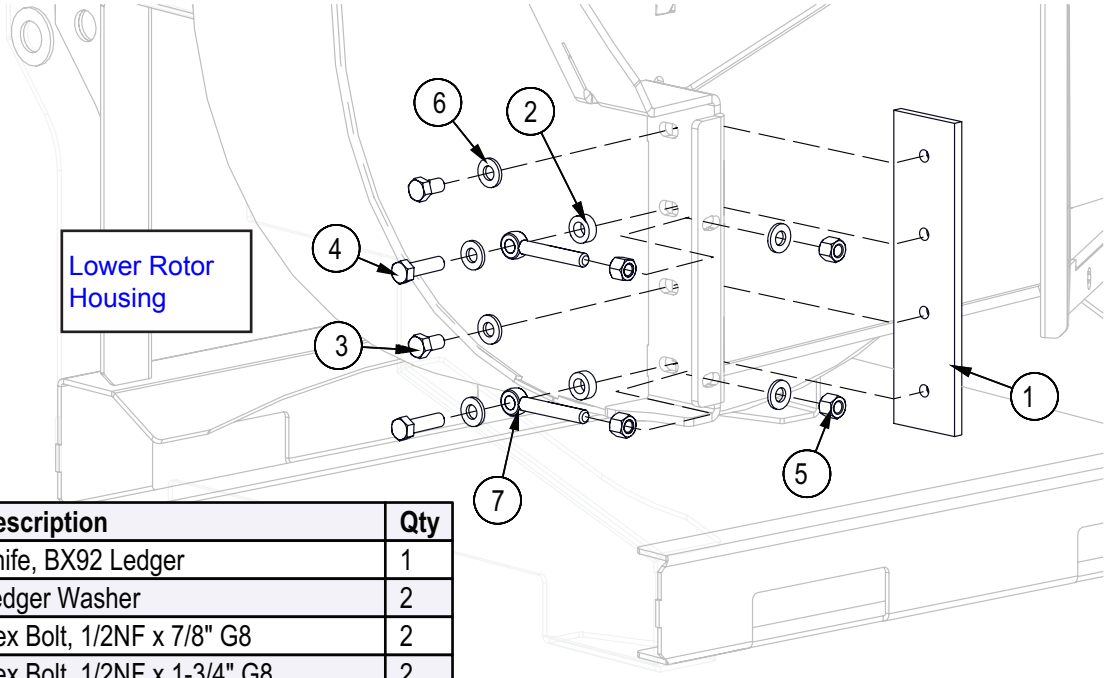
Item No.	Part No.	Description	Qty
1	1012L269	Gauge, Ledger Setting	1
2	1012W204	Twig Breaker	1
3	1025W502	Lower Housing	1
4	1082M402	Locking Plunger	1
5	Z11142	Toplink Pin, 1" x 4-5/16"	1
6	Z11441	Implement Pin, 1-1/8" x 1-3/4" x 1-1/8NF	2
7	Z12140	Lynch Pin, 7/16"	3
8	Z14151	Roll Pin, 3/16" x 1-1/2"	1
9	Z71515	Hex Bolt, 1/2NC x 1-1/2"	2
10	Z72251	Hex Lock Nut, 1/2NC	2
11	Z72294	Hex Lock Nut, 1-1/8NF	2
12	Z72961	Rivet Nut, 1/2NC x 350	2
13	Z73391	Split Lock Washer, 1-1/8"	2
14	Z77940	Rivet Nut, M10x1.5 x 313	4
15	Z92310	PTO Support Chain, 3/16" x 1ft with Two Snaps	1

Feed Chute



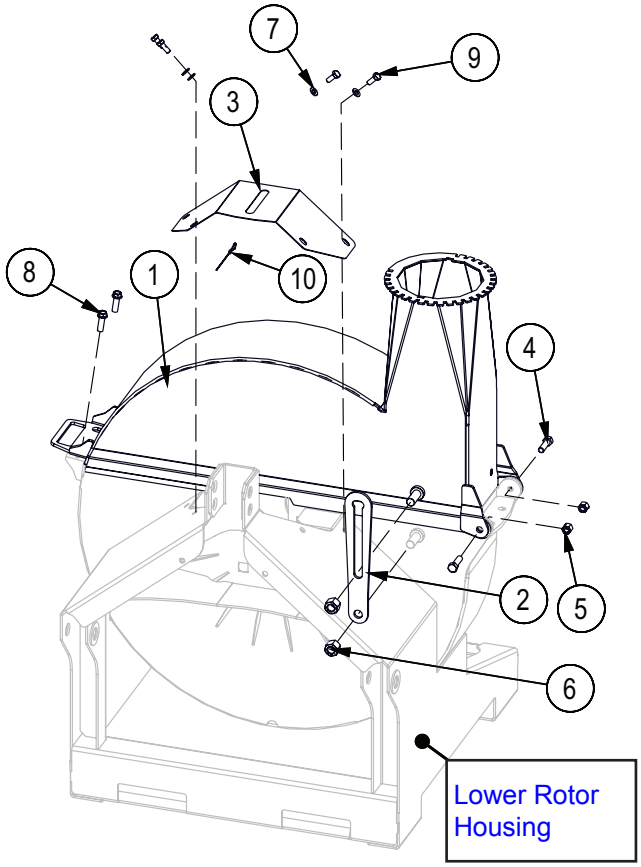
Item No.	Part No.	Description	Qty
1	1025L556	Flap Trap Plate, BX72S	1
2	1025S508	Hopper Flap, BX102S	2
3	1025W510	Mid Hopper	1
4	1025W511	Folding Hopper	1
5	Z18207	Spring Latch Pin	1
6	Z71307	Hex Bolt, 3/8NC x 3/4"	8
7	Z72204	Hex Lock Nut, #10NF	4
8	Z72211	Hex Lock Nut, 1/4NC	3
9	Z72221	Hex Lock Nut, 5/16NC	4
10	Z72231	Hex Lock Nut, 3/8NC	2
11	Z72531	Serrated Flange Locknut, 3/8NC	8
12	Z73233	PTFE Washer, 3/8" x 1/16"	2
13	Z75204	FHCS, #10NF x 5/8"	4
14	Z76221	Carriage Bolt, 5/16NC x 3/4"	4
15	Z76232	Carriage Bolt, 3/8NC x 1-1/4"	2
16	Z78301	Machine Screw, 1/4NC x 3/4"	3
17	Z94601	Decal, SMV	1
18	Z96503	Manual Tube, 3-1/2" Short	1

Ledger Knife Detail



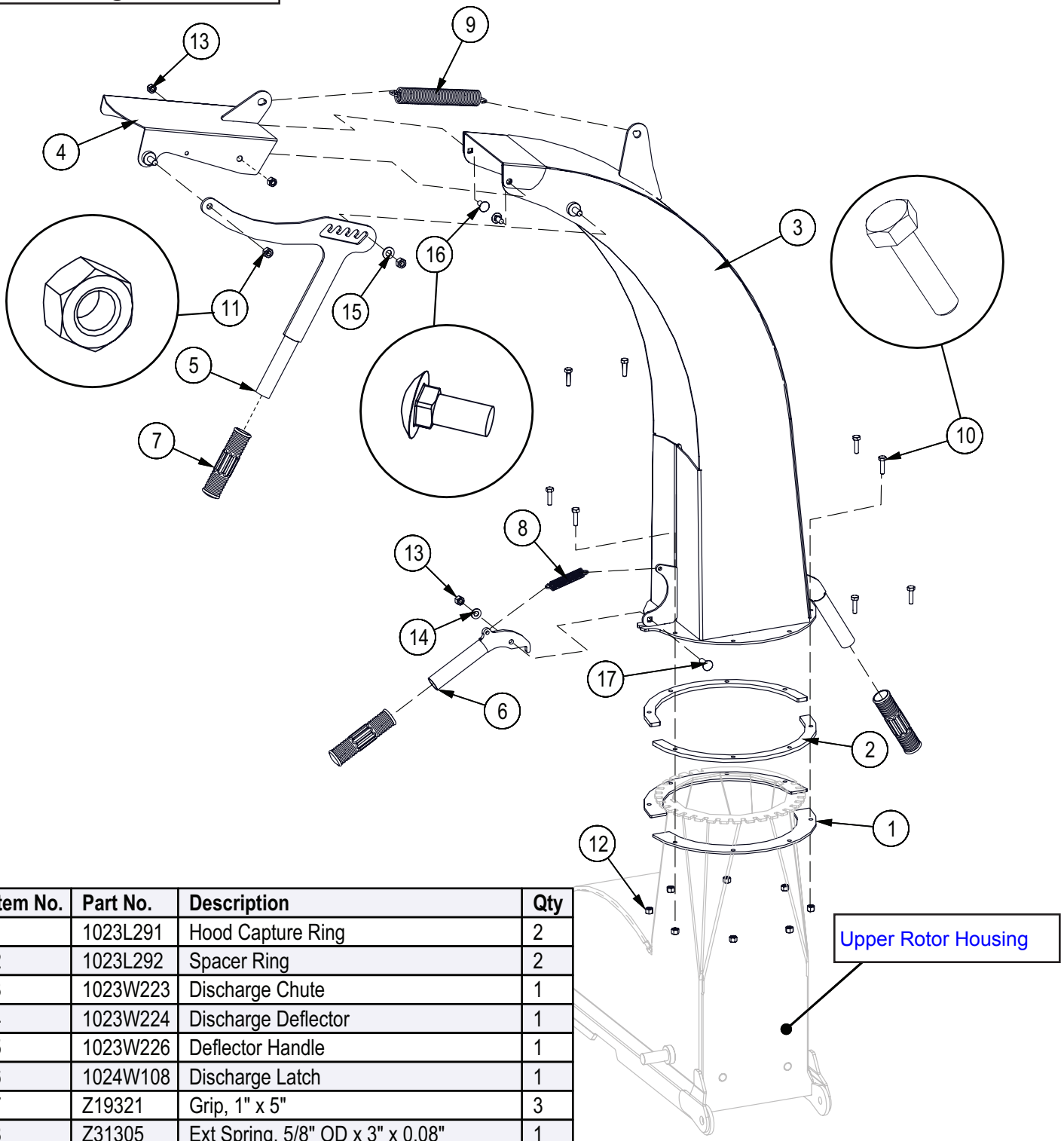
Item No.	Part No.	Description	Qty
1	1019M904	Knife, BX92 Ledger	1
2	1023L150	Ledger Washer	2
3	Z71572G8	Hex Bolt, 1/2NF x 7/8" G8	2
4	Z71579G8	Hex Bolt, 1/2NF x 1-3/4" G8	2
5	Z72251	Hex Lock Nut, 1/2NC	4
6	Z73151	SAE Washer, 1/2"	6
7	Z76553	Rod End, 1/2NC x 3-1/2" Full Threads	2

Upper Rotor Housing



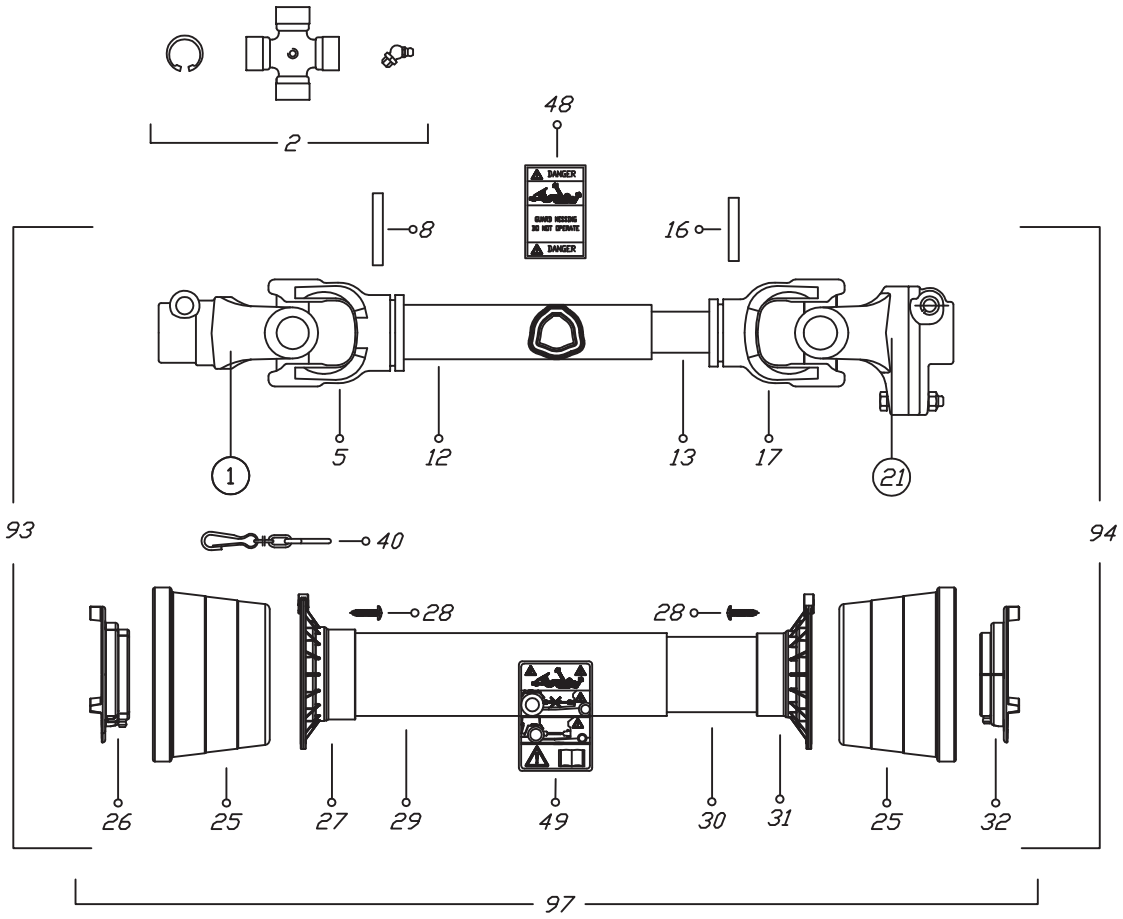
Item No.	Part No.	Description	Qty
1	1021W105	Upper Housing	1
2	1023L155	Rotation Stop	1
3	1025L554	PTO Guard	1
4	Z71517	Hex Bolt, 1/2NC x 1-3/4"	2
5	Z72251	Hex Lock Nut, 1/2NC	2
6	Z72271	Hex Lock Nut, 3/4NC	2
7	Z73131	SAE Washer, 3/8"	4
8	Z76156	Flange Bolt, 1/2NC x 1-1/2"	2
9	Z77162	Hex Bolt, M10x1.5 x 25mm	4
10	Z92110	Aircraft Cable, 1/16" x 24"	1

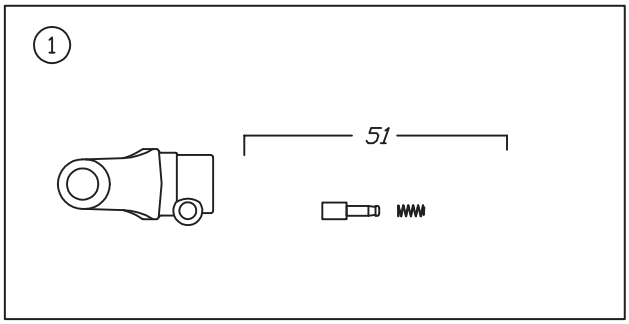
Discharge Chute

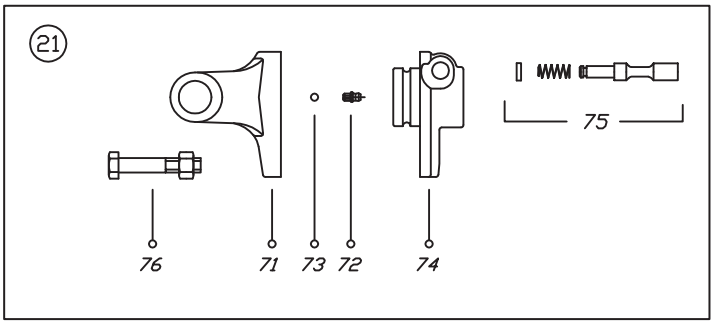


Item No.	Part No.	Description	Qty
1	1023L291	Hood Capture Ring	2
2	1023L292	Spacer Ring	2
3	1023W223	Discharge Chute	1
4	1023W224	Discharge Deflector	1
5	1023W226	Deflector Handle	1
6	1024W108	Discharge Latch	1
7	Z19321	Grip, 1" x 5"	3
8	Z31305	Ext Spring, 5/8" OD x 3" x 0.08"	1
9	Z31403	Ext Spring, 27mm OD x 178mm x 0.105"	1
10	Z71110	Hex Bolt, 1/4NC x 1"	8
11	Z72231	Hex Nut, 3/8NC	2
12	Z72211	Hex Lock Nut, 1/4NC	8
13	Z72221	Hex Lock Nut, 5/16NC	3
14	Z73122	SAE Washer, 5/16"	1
15	Z73131	SAE Washer, 3/8"	1
16	Z76221	Carriage Bolt, 5/16NC x 3/4"	2
17	Z76225	Carriage Bolt, 5/16NC x 1"	1

PTO Shaft Assembly







00112

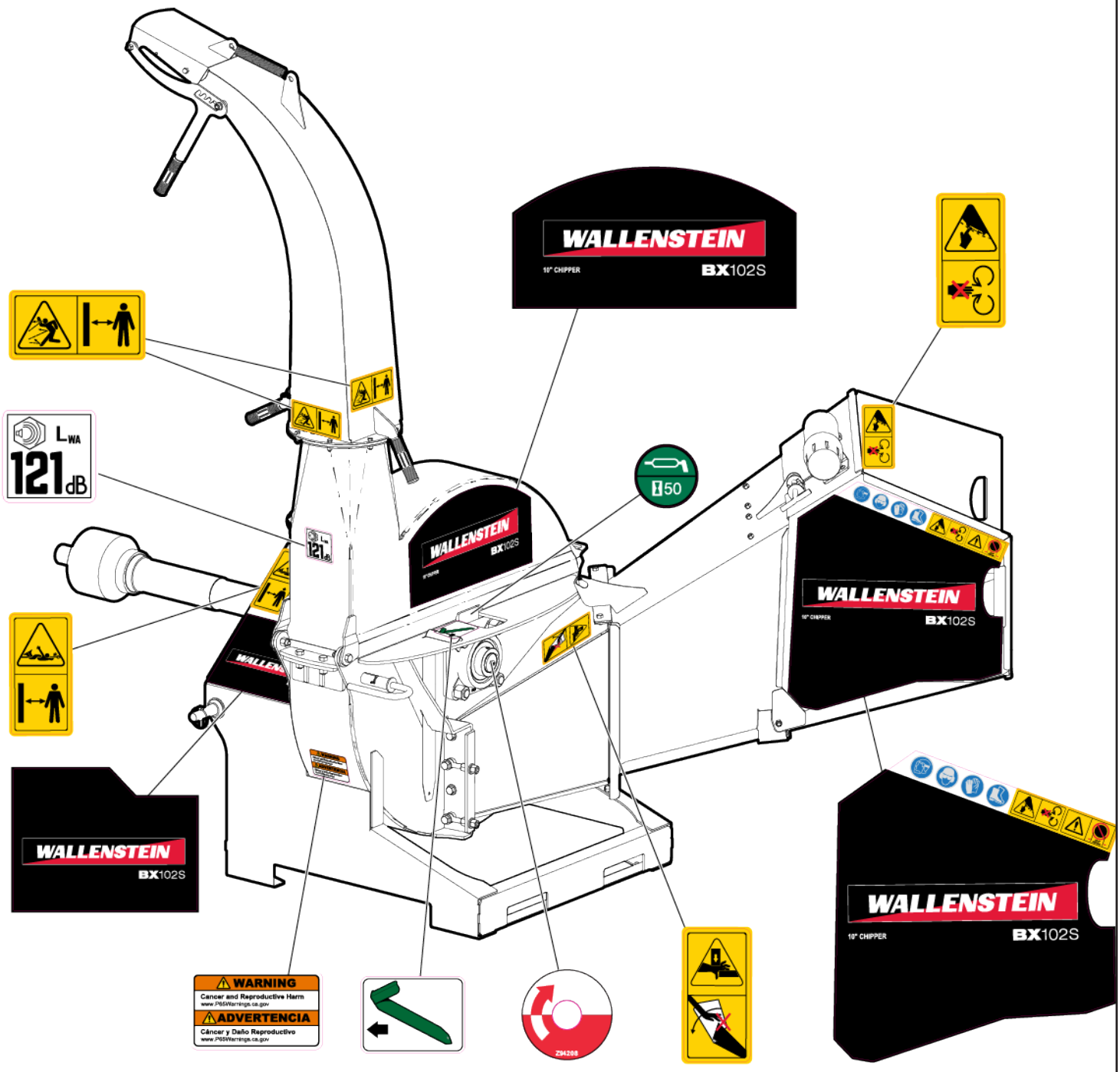
Binacchi SPARE PARTS LIST : B5D056US098001			
POS.	DESCRIPTION	Q.	Part #
01	YOKE	1	0800503
02	CROSS JOURNAL ASS.	2	08205
05	OUTER TUBE YOKE	1	08005021
08	FLEXIBLE PIN	1	098701075
12	CM. 100 CARDAN TUBE(*)	1	09881523100
13	CM. 100 CARDAN TUBE(*)	1	09881454100
16	FLEXIBLE PIN	1	0987001065
17	INNER TUBE YOKE	1	08005011
21	SHEAR BOLT YOKE	1	08805A604633
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

Binacchi SPARE PARTS LIST : B5D056US098001			
POS.	DESCRIPTION	Q.	Part #
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	SHEAR BOLT AND NUT M10 x 1.5 x 55 10.9	1	Z19407 (Package of 5)
93	OUTER HALF SHAFT	1	B5056US2
94	INNER HALF SHAFT	1	B5056US1098001
97	SAFETY GUARD	1	083US05056

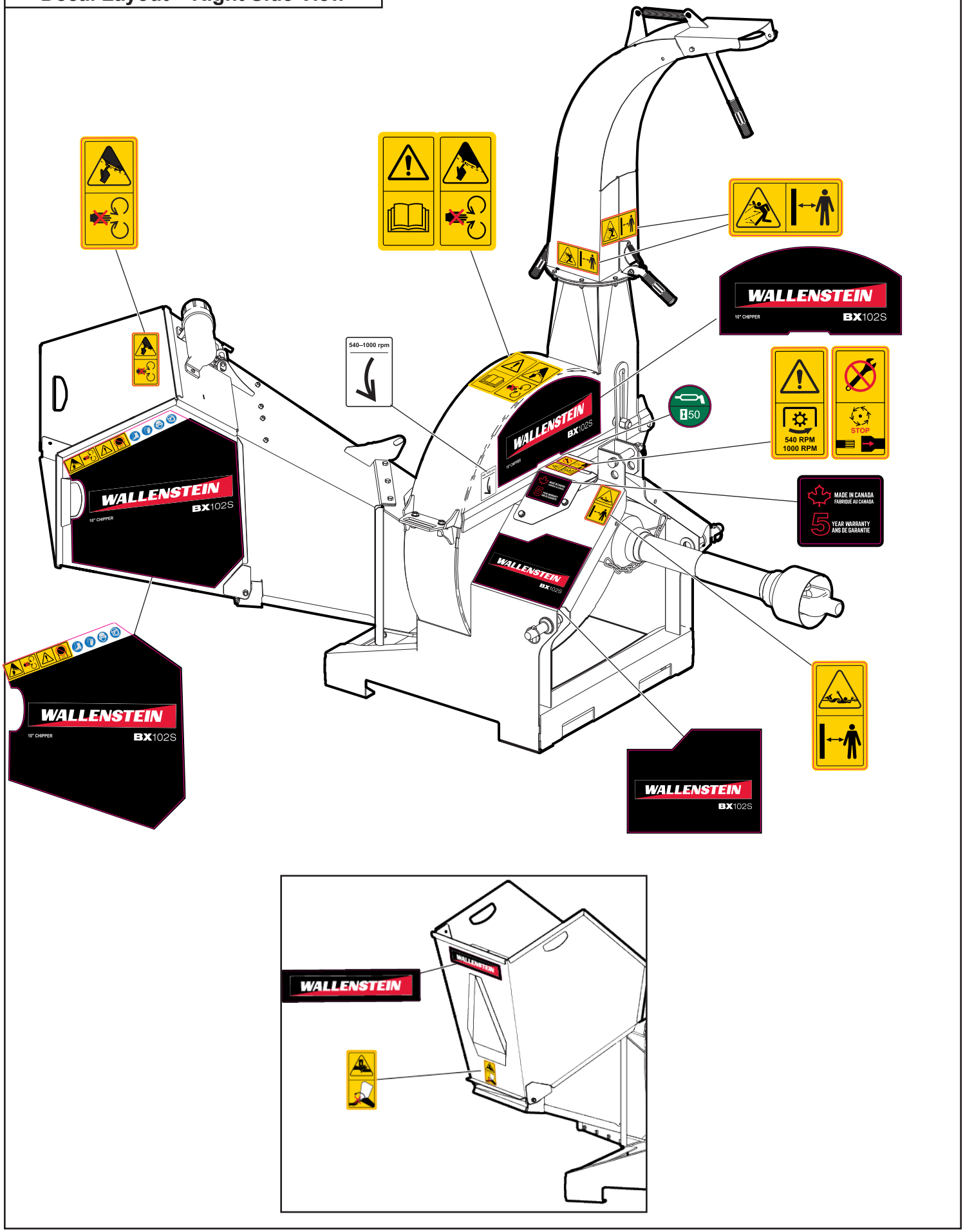
Decal Layout – Left Side View

IMPORTANT! If parts are replaced that have safety signs on them, new signs must be applied. Safety signs must always be replaced if they become damaged, are removed, or become illegible.

Safety signs are included in the product decal kit available from your authorized dealer. Decals are not available separately.



Decal Layout – Right Side View



Bolt Torque

Checking Bolt Torque

The tables shown give correct torque values for various bolts and capscrews. Tighten all bolts to the torque values specified in the table, unless indicated otherwise. Check tightness of bolts periodically.

IMPORTANT! If replacing hardware, use fasteners of the same grade.

IMPORTANT! Torque figures indicated in the table are for non-greased or non-oiled threads. Do not grease or oil threads unless indicated otherwise. When using a thread locker, increase torque values by 5%.

NOTE: Bolt grades are identified by their head markings.

Imperial Bolt Torque Specifications

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



Metric Bolt Torque Specifications

Bolt Diameter	Torque Value			
	Gr. 8.8		Gr. 10.9	
	lbf•ft	N•m	lbf•ft	N•m
M3	0.4	0.5	1.3	1.8
M4	2.2	3	3.3	4.5
M6	7	10	11	15
M8	18	25	26	35
M10	37	50	52	70
M12	66	90	92	125
M16	166	225	229	310
M20	321	435	450	610
M30	1,103	1 495	1,550	2 100
M36	1,917	2 600	2,700	3 675

