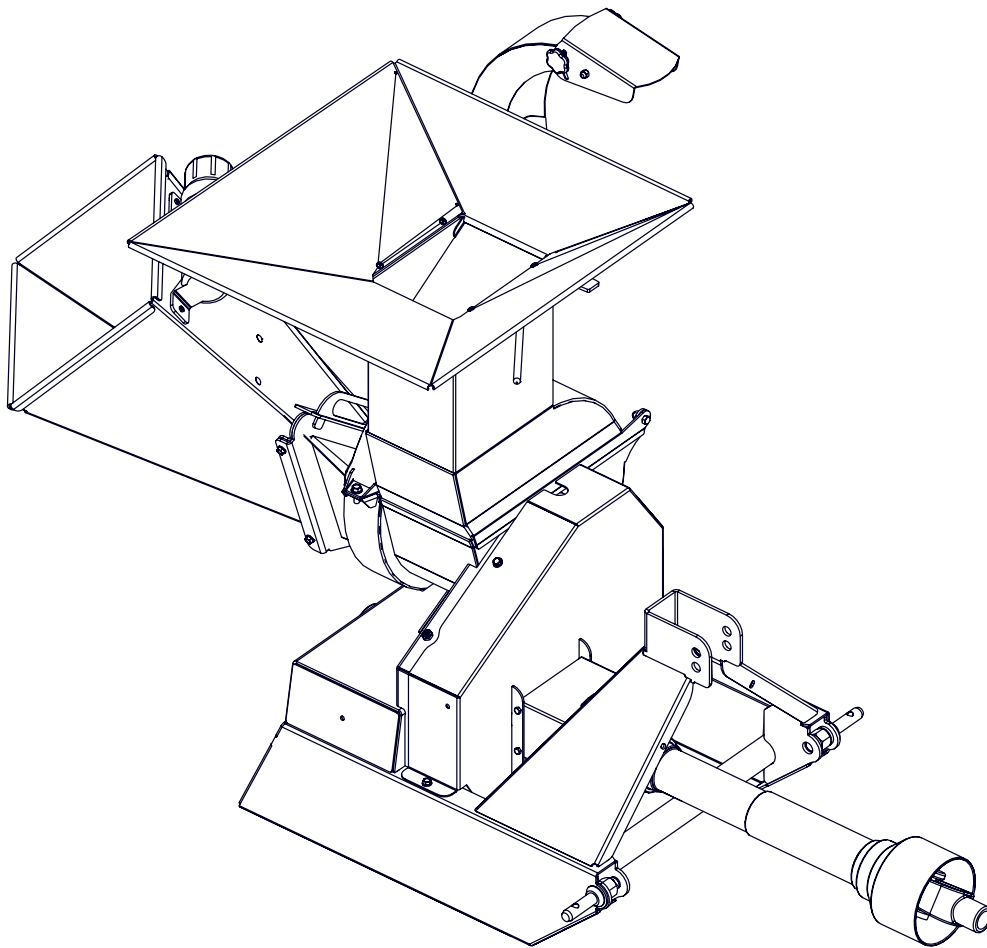




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# BXM32 Chipper Parts Manual

Starting with S/N's  
**1M32889**



Refer to the operators  
manual for safe  
operation and  
maintenance

## 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.

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Maintenance should be performed by  
trained personnel only.



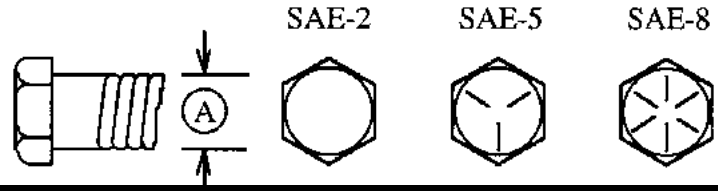
Refer to the operators  
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maintenance

**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.

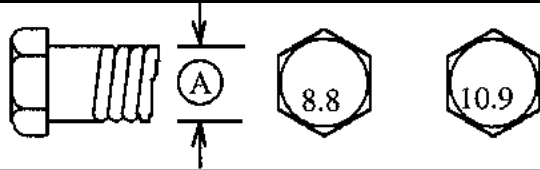
ENGLISH TORQUE SPECIFICATIONS						
Bolt Diameter "A"	Bolt Torque*					
	SAE 2 (N.m) (lb-ft)		SAE 5 (N.m) (lb-ft)		SAE 8 (N.m) (lb-ft)	
1/4"	8	6	12	9	17	12
5/16"	13	10	25	19	36	27
3/8"	27	20	45	33	63	45
7/16"	41	30	72	53	100	75
1/2"	61	45	110	80	155	115
9/16"	95	60	155	115	220	165
5/8"	128	95	215	160	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



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.

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



### Hydraulic Fitting Torque

#### Tightening Flare Type Tube Fittings \*

1. Check flare and flare seat for defects that might cause leakage.
2. Align tube with fitting before tightening.
3. Lubricate connection and hand tighten swivel nut until snug.
4. To prevent twisting the tube(s), use two wrenches. Place one wrench on the connector body and with the second tighten the swivel nut to the torque shown.

Tube Size OD (in.)	Nut Size Across Flats (in.)	Torque Value*		Recommended Turns To Tighten (After Finger Tightening)	
		(N.m)	(lb-ft)	(Flats)	(Turn)
3/16	7/16	8	6	1	1/6
1/4	9/16	12	9	1	1/6
5/16	5/8	16	12	1	1/6
<b>3/8</b>	<b>11/16</b>	<b>24</b>	<b>18</b>	<b>1</b>	<b>1/6</b>
1/2	7/8	46	34	1	1/6
5/8	1	62	46	1	1/6
3/4	1-1/4	102	75	3/4	1/8
7/8	1-3/8	122	90	3/4	1/8

The torque values shown are based on lubricated connections as in reassembly.

### Wheel Lug Torque

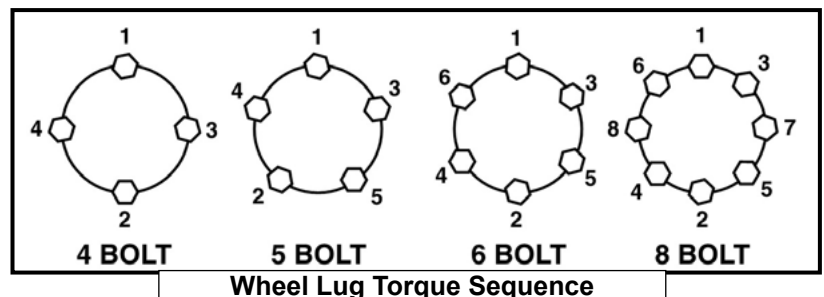
It is extremely important safety procedure to apply and maintain proper wheel mounting torque on your trailer axle. Torque wrenches are the best method to assure the proper amount of torque is being applied to a fastener.

Wheel lugs should be torqued before first road use and after each wheel removal. Check and re torque after the first 16Km (10 miles), 40Km (25 miles), and again at 80Km (50 miles). Check periodically thereafter.

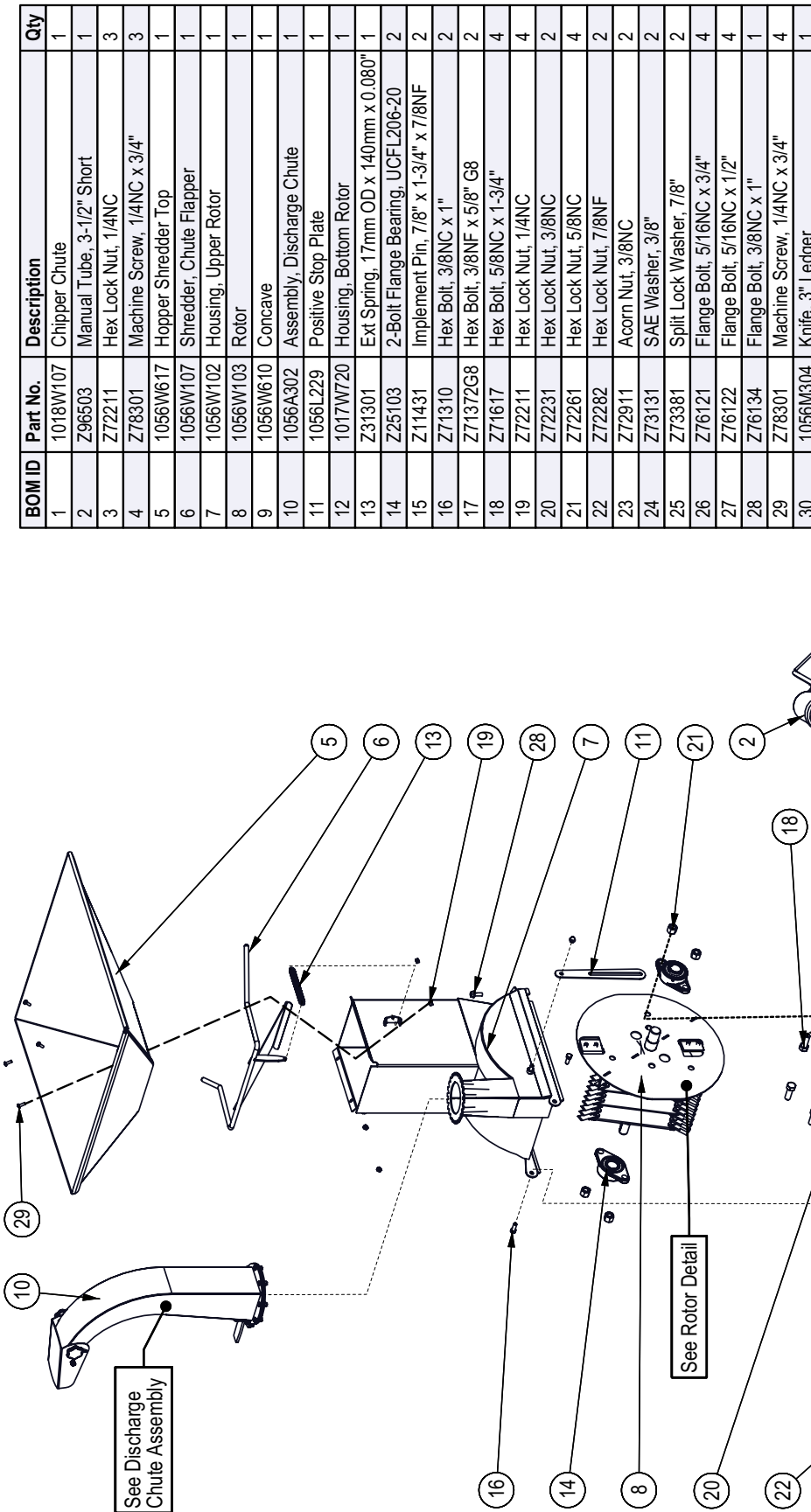
Note: Wheel lugs must be applied and maintained at the proper torque levels to prevent loose wheels, broken studs, and possible dangerous separation of wheels from your axle.

- Start all lugs by hand to prevent cross threading.
- Tighten lugs in sequence, per wheel lug torque sequence chart.
- The tightening of the fasteners should be done in stages. Following the recommended sequence, tighten fasteners per wheel torque requirements chart.

Wheel Torque Requirements				
Wheel Size	Torque Unit	1st Stage	2nd Stage	3rd Stage
8"	ft-lbs	12 - 20	30 - 35	45 - 55
	Nm	16 - 26	39 - 45.5	58.5 - 71.5
12"	ft-lbs	20 - 25	35 - 40	50 - 60
	Nm	26 - 32.5	45.5 - 52	65 - 78
13"	ft-lbs	20 - 25	35 - 40	50 - 60
	Nm	26 - 32.5	45.5 - 52	65 - 78
14"	ft-lbs	20 - 25	50 - 60	90 - 120
	Nm	26 - 32.5	65 - 78	117 - 156
15"	ft-lbs	20 - 25	50 - 60	90 - 120
	Nm	26 - 32.5	65 - 78	117 - 156
16"	ft-lbs	20 - 25	50 - 60	90 - 120
	Nm	26 - 32.5	65 - 78	117 - 156



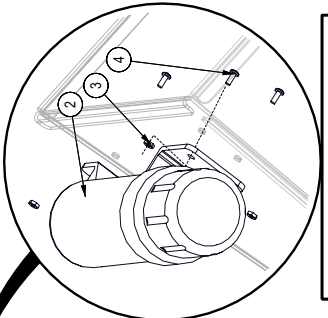
**Main Assembly**



See Discharge Chute Assembly

See Rotor Detail

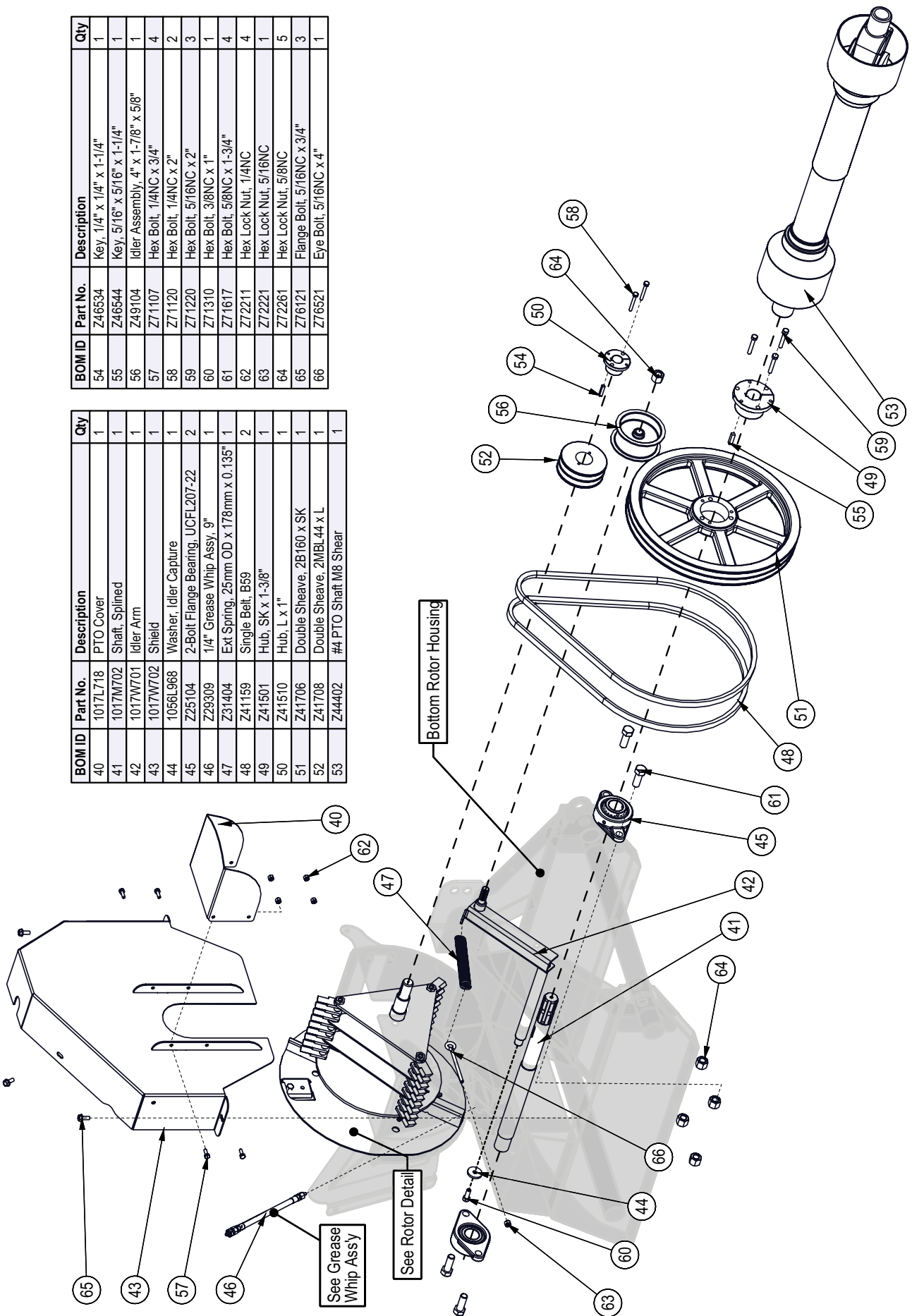
See Hopper Flap Detail



Manual Tube Assembly Detail

BOM ID	Part No.	Description	Qty
1	1018W107	Chipper Chute	1
2	Z96503	Manual Tube, 3-1/2" Short	1
3	Z72211	Hex Lock Nut, 1/4NC	3
4	Z78301	Machine Screw, 1/4NC x 3/4"	3
5	1056W617	Hopper Shredder Top	1
6	1056W107	Shredder, Chute Flapper	1
7	1056W102	Housing, Upper Rotor	1
8	1056W103	Rotor	1
9	1056W610	Concave	1
10	1056A302	Assembly, Discharge Chute	1
11	1056L229	Positive Stop Plate	1
12	1017W720	Housing, Bottom Rotor	1
13	Z31301	Ext Spring, 17mm OD x 140mm x 0.080"	1
14	Z25103	2-Bolt Flange Bearing, UGFL206-20	2
15	Z11431	Implement Pin, 7/8" x 1-3/4" x 7/8NF	2
16	Z71310	Hex Bolt, 3/8NC x 1"	2
17	Z71372G8	Hex Bolt, 3/8NF x 5/8" G8	2
18	Z71617	Hex Bolt, 5/8NC x 1-3/4"	4
19	Z72211	Hex Lock Nut, 1/4NC	4
20	Z72231	Hex Lock Nut, 3/8NC	2
21	Z72261	Hex Lock Nut, 5/8NC	4
22	Z72282	Hex Lock Nut, 7/8NF	2
23	Z72911	Acorn Nut, 3/8NC	2
24	Z73131	SAE Washer, 3/8"	2
25	Z73381	Split Lock Washer, 7/8"	2
26	Z76121	Flange Bolt, 5/16NC x 3/4"	4
27	Z76122	Flange Bolt, 5/16NC x 1/2"	4
28	Z76134	Flange Bolt, 3/8NC x 1"	1
29	Z78301	Machine Screw, 1/4NC x 3/4"	4
30	1056M304	Knife, 3" Ledger	1

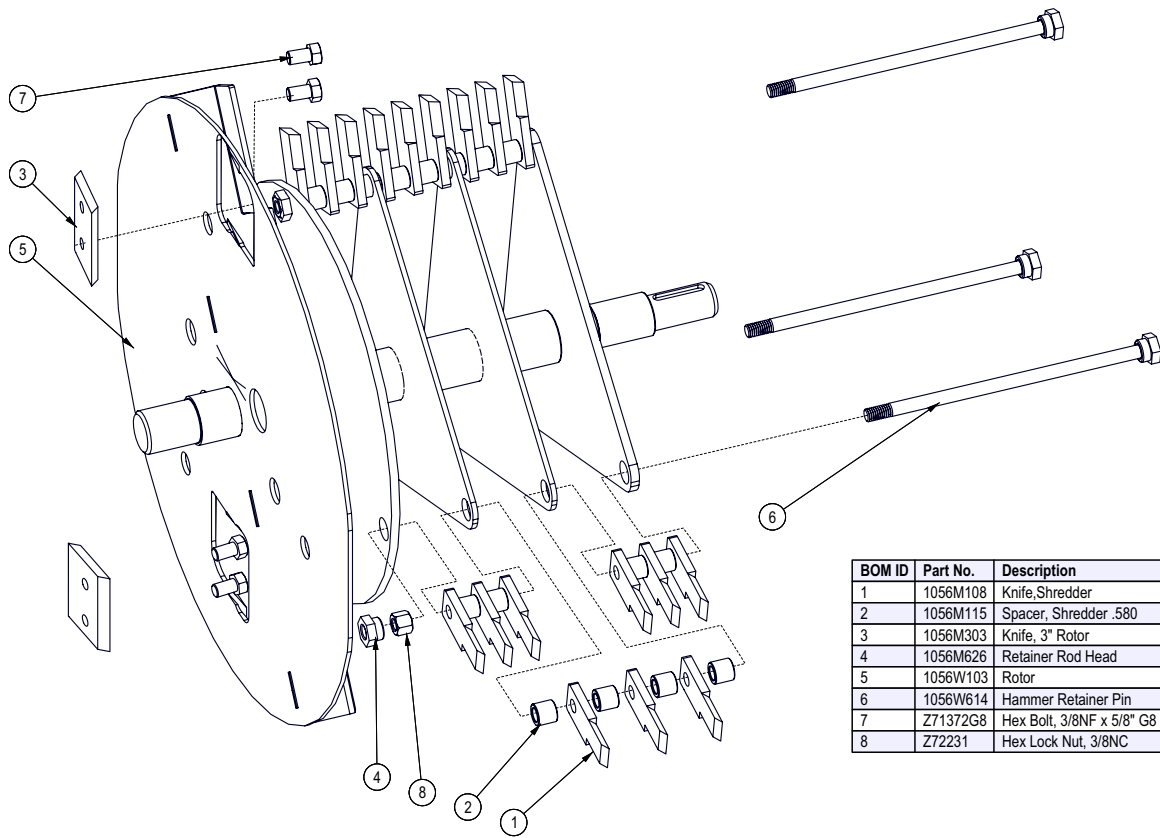
**Driveline**



BOM ID	Part No.	Description	Qty
40	1017L718	PTO Cover	1
41	1017M702	Shaft, Splined	1
42	1017W701	Idler Arm	1
43	1017W702	Shield	1
44	1056L968	Washer, Idler Capture	1
45	Z25104	2-Bolt Flange Bearing, UCFL207-22	2
46	Z29309	1/4" Grease Whip Assy, 9"	1
47	Z31404	Ext Spring, 25mm OD x 178mm x 0.135"	1
48	Z41159	Single Belt, B59	2
49	Z41501	Hub, SK x 1-3/8"	1
50	Z41510	Hub, L x 1"	1
51	Z41706	Double Sheave, 2B160 x SK	1
52	Z41708	Double Sheave, 2MBL44 x L	1
53	Z44402	#4 PTO Shaft M8 Shear	1

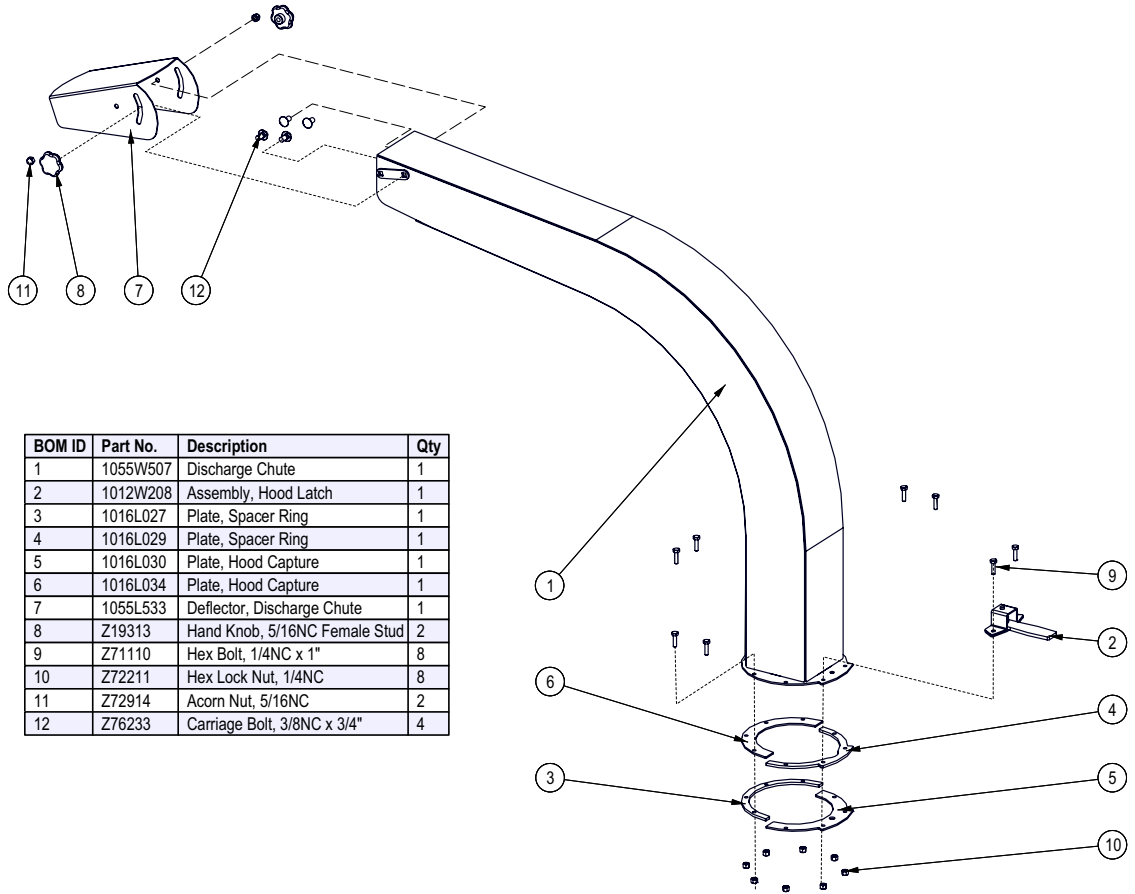
BOM ID	Part No.	Description	Qty
54	Z46534	Key, 1/4" x 1/4" x 1-1/4"	1
55	Z46644	Key, 5/16" x 5/16" x 1-1/4"	1
56	Z49104	Idler Assembly, 4" x 1-7/8" x 5/8"	1
57	Z71107	Hex Bolt, 1/4NC x 3/4"	4
58	Z71120	Hex Bolt, 1/4NC x 2"	2
59	Z71220	Hex Bolt, 5/16NC x 2"	3
60	Z71310	Hex Bolt, 3/8NC x 1"	1
61	Z71617	Hex Bolt, 5/8NC x 1-3/4"	4
62	Z72211	Hex Lock Nut, 1/4NC	4
63	Z72221	Hex Lock Nut, 5/16NC	1
64	Z72261	Hex Lock Nut, 5/8NC	5
65	Z76121	Flange Bolt, 5/16NC x 3/4"	3
66	Z76521	Eye Bolt, 5/16NC x 4"	1

**Rotor**



BOM ID	Part No.	Description	Qty
1	1056M108	Knife,Shredder	27
2	1056M115	Spacer, Shredder .580	24
3	1056M303	Knife, 3" Rotor	2
4	1056M626	Retainer Rod Head	3
5	1056W103	Rotor	1
6	1056W614	Hammer Retainer Pin	3
7	Z71372G8	Hex Bolt, 3/8NF x 5/8" G8	4
8	Z72231	Hex Lock Nut, 3/8NC	3

**Discharge Chute Assembly**

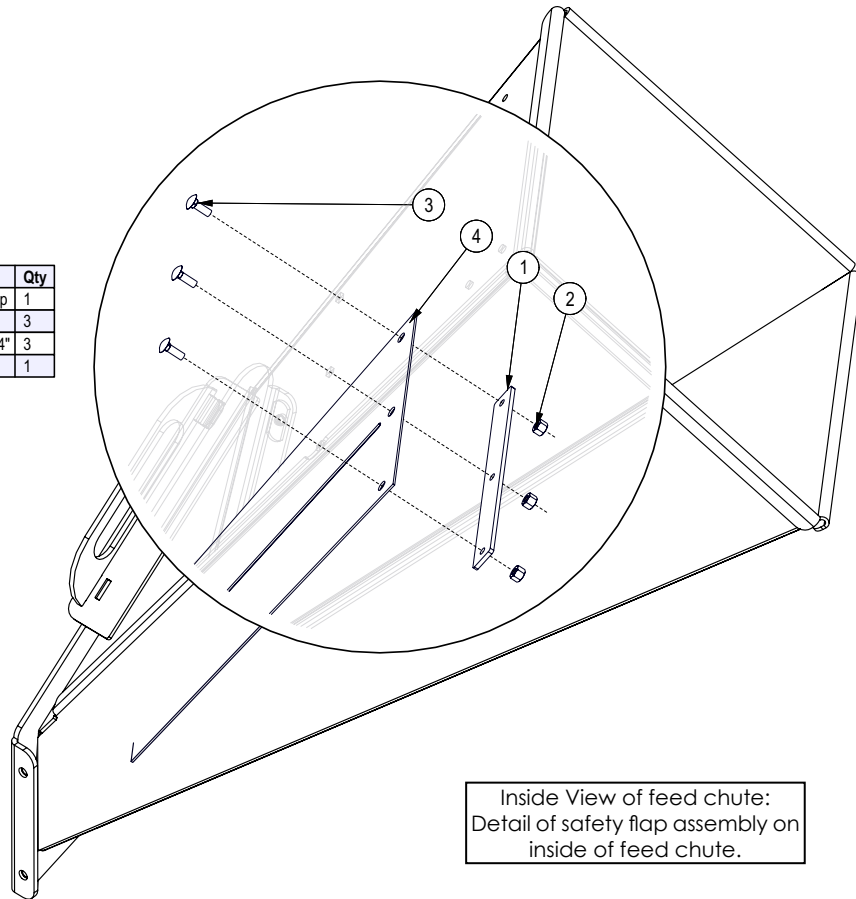


BOM ID	Part No.	Description	Qty
1	1055W507	Discharge Chute	1
2	1012W208	Assembly, Hood Latch	1
3	1016L027	Plate, Spacer Ring	1
4	1016L029	Plate, Spacer Ring	1
5	1016L030	Plate, Hood Capture	1
6	1016L034	Plate, Hood Capture	1
7	1055L533	Deflector, Discharge Chute	1
8	Z19313	Hand Knob, 5/16NC Female Stud	2
9	Z71110	Hex Bolt, 1/4NC x 1"	8
10	Z72211	Hex Lock Nut, 1/4NC	8
11	Z72914	Acorn Nut, 5/16NC	2
12	Z76233	Carriage Bolt, 3/8NC x 3/4"	4



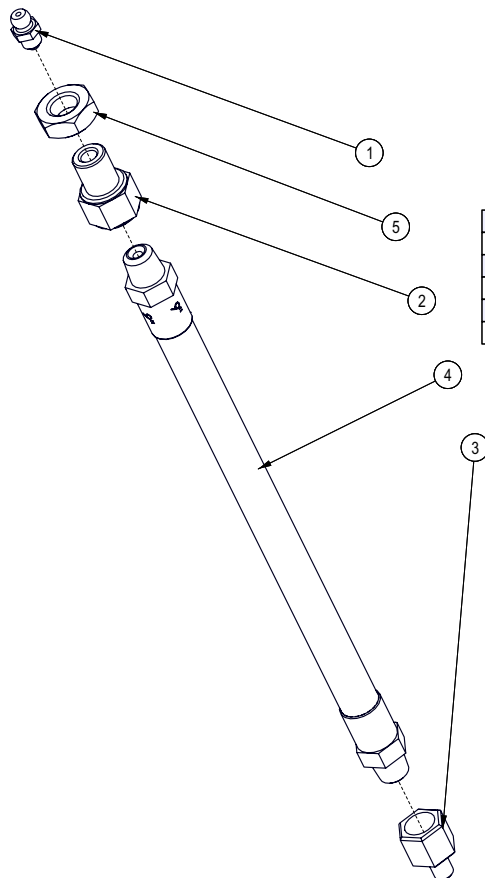
**Hopper Flap Detail**

BOM ID	Part No.	Description	Qty
1	1018L994	Chipper Chute Flap Clamp	1
2	Z72211	Hex Lock Nut, 1/4NC	3
3	Z76211	Carriage Bolt, 1/4NC x 3/4"	3
4	1056S604	Flap, Hopper	1

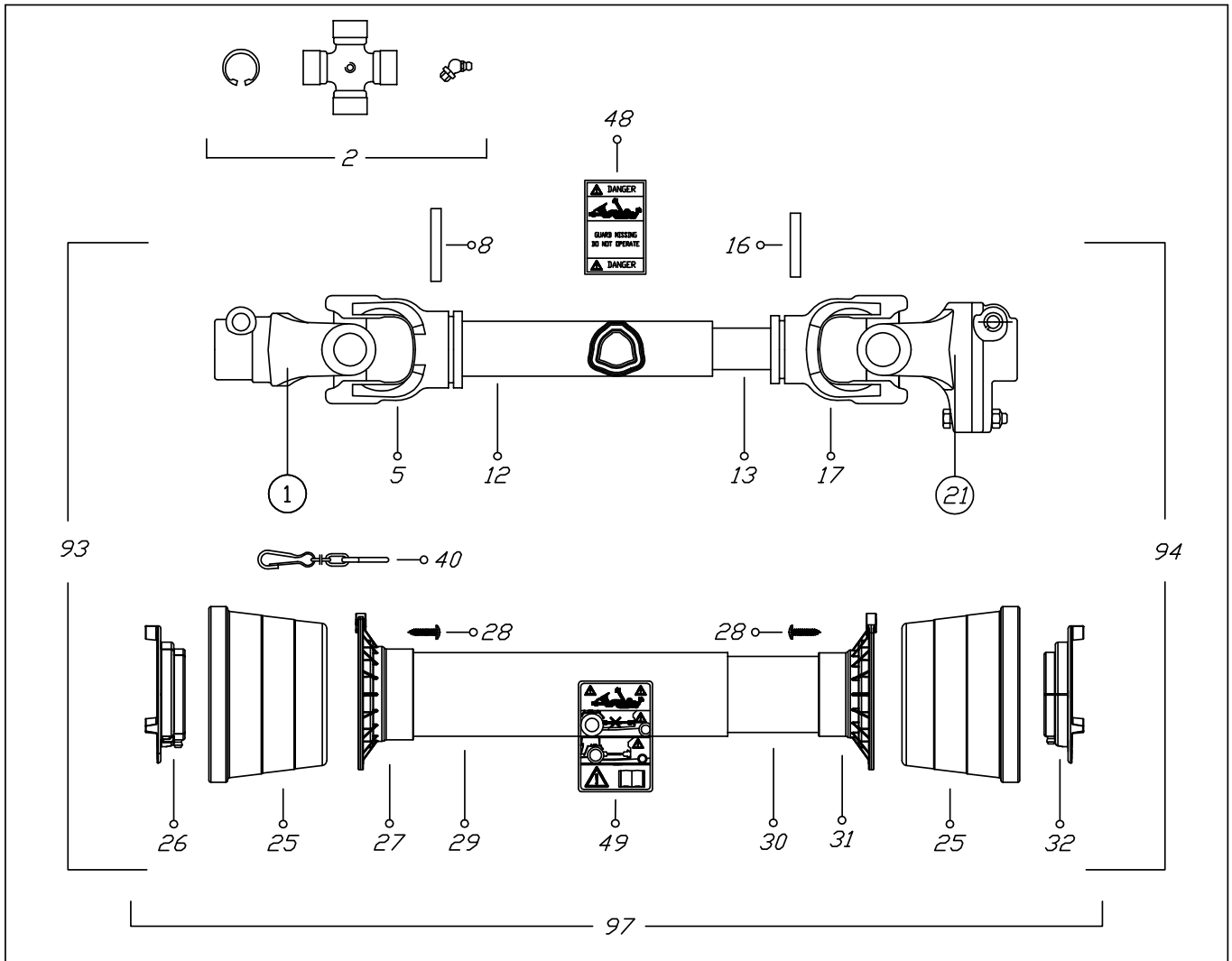


Inside View of feed chute:  
Detail of safety flap assembly on  
inside of feed chute.

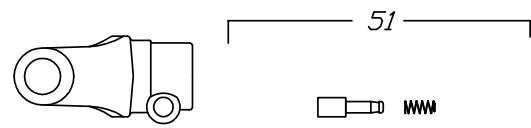
**Grease Whip Ass'y**



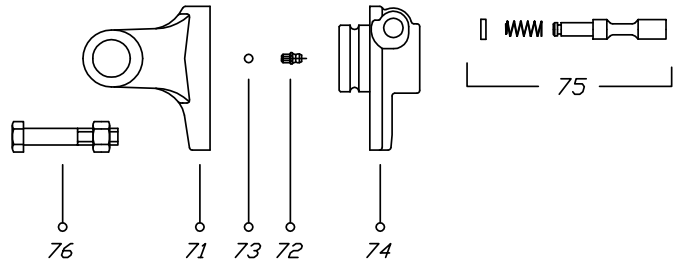
BOM ID	Part No.	Description	Qty
1	Z29202	Grease Fitting, 1/4NF	1
2	Z29206	Bulkhead, FP x FP 0402 x 7/16NC	1
3	Z29303	Grease Fitting, FP02 x 1/4NF	1
4	Z29304	1/4" Grease Whip, MP x MP 0202 x 9"	1
5	Z72341	Jam Nut, 7/16NC	1



①



②1



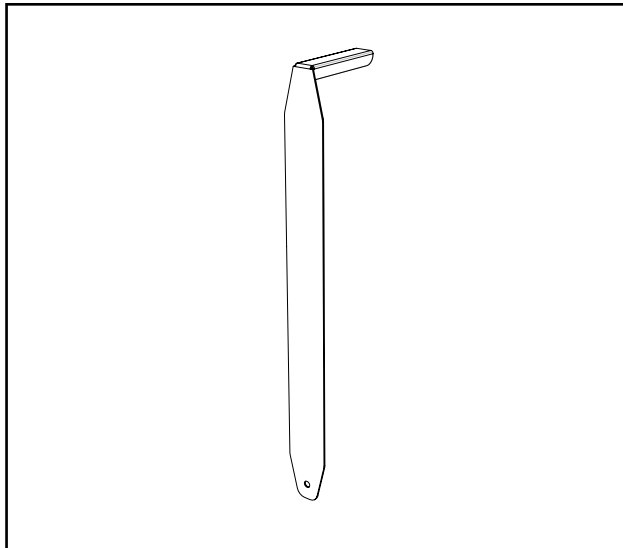
**Binacchi SPARE PARTS LIST : B4N061USA60098**

<b>POS.</b>	<b>DESCRIPTION</b>	<b>Q.</b>	<b>Part #</b>
01	YOKE	1	0800403
02	CROSS JOURNAL ASS.	2	08204
05	OUTER TUBE YOKE	1	08004021
08	FLEXIBLE PIN	1	098700860
12	CM. 100 CARDAN TUBE(*)	1	09881433100
13	CM. 100 CARDAN TUBE(*)	1	09881364100
16	FLEXIBLE PIN	1	098700855
17	INNER TUBE YOKE	1	08004011
21	SHEAR BOLT	1	08804
25	CONE SHIELD BELL 03-04	2	021904C001
26	OUTER BEARING 03-04	1	025504C001
27	OUTER BASE CONE 03-04	1	025404C001
28	SCREW	6	0998052242
29	OUTER SAFETY TUBE	1	0988966NB4061
30	INNER SAFETY TUBE	1	0988961NB4061
31	INNER BASE CONE 03-04	1	025404C002
32	INNER BEARING 03-04	1	025504C002
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 LB4	1	08896904
72	GREASE NIPPLE	1	0984010150
73	STEEL BALL	23	098680104
74	HUB	1	088964
75	PUSH PIN SET	1	0986014075
76	NUT AND BOLT M8 x 1.25 x 45 10.9	1	Z44902
93	OUTER HALF SHAFT	1	B4N061US2
94	INNER HALF SHAFT	1	B4N061US1098
97	SAFETY GUARD	1	083US04061



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