



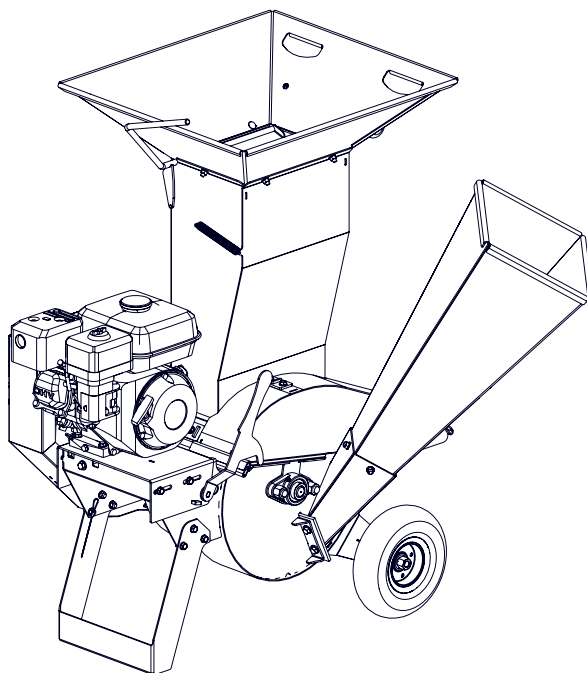
EMB Manufacturing Inc.
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www.wallensteinequipment.com

PARTS MANUAL

BXMC34B

Chipper-Shredder

Serial Number 1MC34B1 & up



**Refer to the operators manual for safe
operation and maintenance**

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Refer to the operators manual for safe operation and maintenance.

Maintenance should be performed by trained personnel only.

Foreword

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

Regular maintenance, and replacing old, worn or broken parts with the correct OEM parts, is essential in prolonging the life of your EMB product. Please refer to this manual to identify replacement parts.

To order parts, please contact your dealer for further information. If your dealer is no longer available please go to our website: <http://www.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. EMB reserves the right to change product specifications at any time without notice.

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

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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



SAE Gr. 2



SAE Gr. 5



SAE Gr. 8

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



8.8



10.9

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. Hand-tighten swivel nut until snug.
4. To prevent twisting the tube, use two wrenches. Place one wrench on the connector body and tighten the swivel nut with the second. Torque to values shown.

If a torque wrench is not available, use the FFFT (Flats From Finger Tight) method.

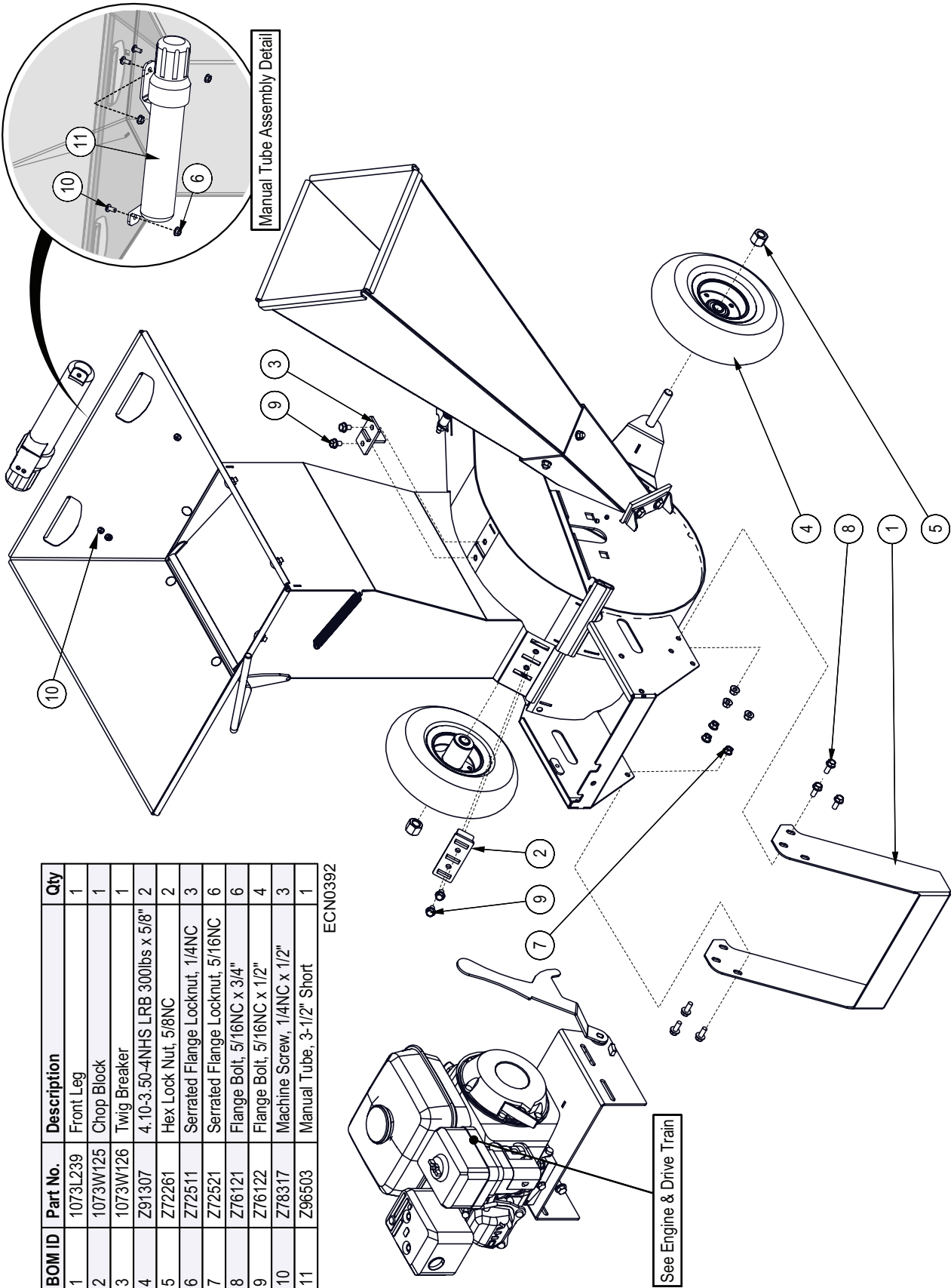
Hydraulic Fitting Torque					
Tube Size OD	Hex Size Across Flats	Torque value		Flats From Finger Tight	
Inches	Inches	lbf•ft	N•m	Flats	Turns
3/16	7/16	6	8	2	1/6
1/4	9/16	11–12	15–17	2	1/6
5/16	5/8	14–16	19–22	2	1/6
3/8	11/16	20–22	27–30	1-1/4	1/6
1/2	7/8	44–48	59–65	1	1/6
5/8	1	50–58	68–79	1	1/6
3/4	1-1/4	79–88	107–119	1	1/8
1	1-5/8	117–125	158–170	1	1/8

Values shown are for non-lubricated connections.

Main Parts

BOM ID	Part No.	Description	Qty
1	1073L239	Front Leg	1
2	1073W125	Chop Block	1
3	1073W126	Twig Breaker	1
4	Z91307	4, 10-3.50-4NHS LRB 300lbs x 5/8"	2
5	Z72261	Hex Lock Nut, 5/8NC	2
6	Z72511	Serrated Flange Locknut, 1/4NC	3
7	Z72521	Serrated Flange Locknut, 5/16NC	6
8	Z76121	Flange Bolt, 5/16NC x 3/4"	6
9	Z76122	Flange Bolt, 5/16NC x 1/2"	4
10	Z78317	Machine Screw, 1/4NC x 1/2"	3
11	Z96503	Manual Tube, 3-1/2" Short	1

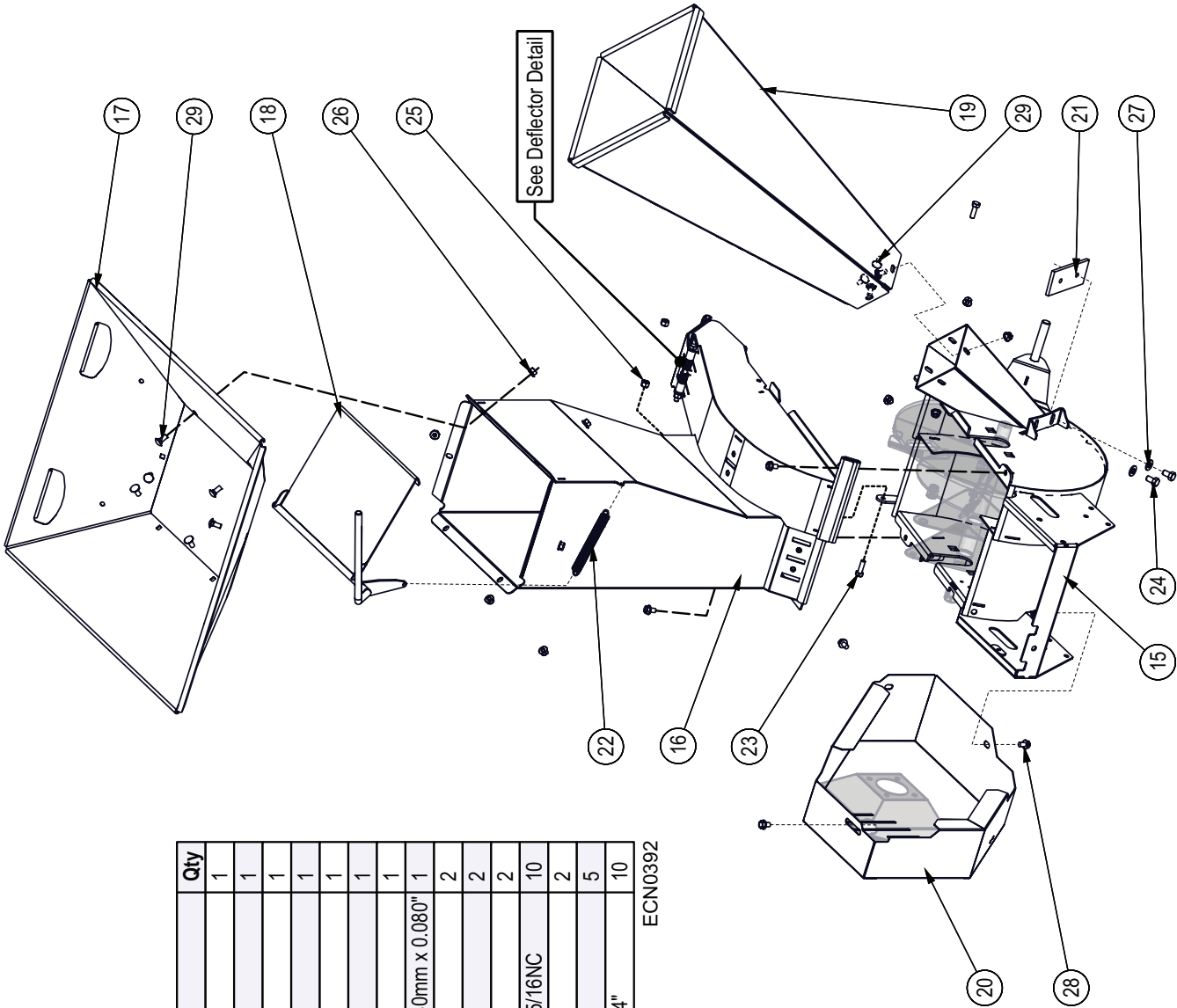
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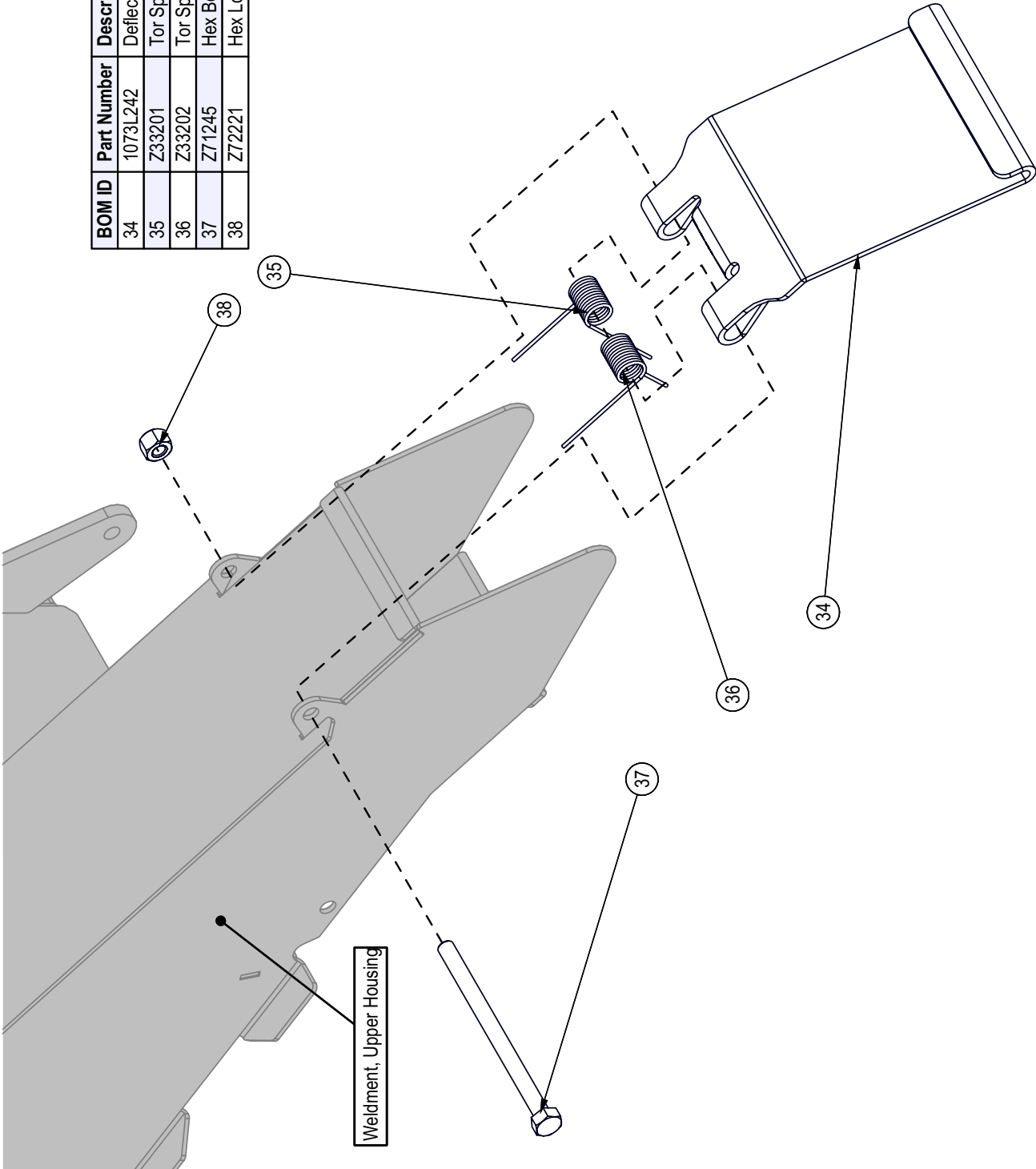
Upper \ Bottom Rotor Housing

BOM ID	Part No.	Description	Qty
15	1073W102	Housing, Bottom	1
16	1073W104	Housing, Upper	1
17	1073W129	Hopper	1
18	1073W107	Flap, Hopper	1
19	1073W112	Extension	1
20	1073L233	Belt Shield	1
21	1056M304	Knife, 3" Ledger	1
22	Z31301	Ext Spring, 17mm OD x 140mm x 0.080"	1
23	Z71210	Hex Bolt, 5/16NC x 1"	2
24	Z71372G8	Hex Bolt, 3/8NF x 5/8" G8	2
25	Z72221	Hex Lock Nut, 5/16NC	2
26	Z72521	Serrated Flange Locknut, 5/16NC	10
27	Z73131	SAE Washer, 3/8"	2
28	Z76122	Flange Bolt, 5/16NC x 1/2"	5
29	Z76221	Carriage Bolt, 5/16NC x 3/4"	10

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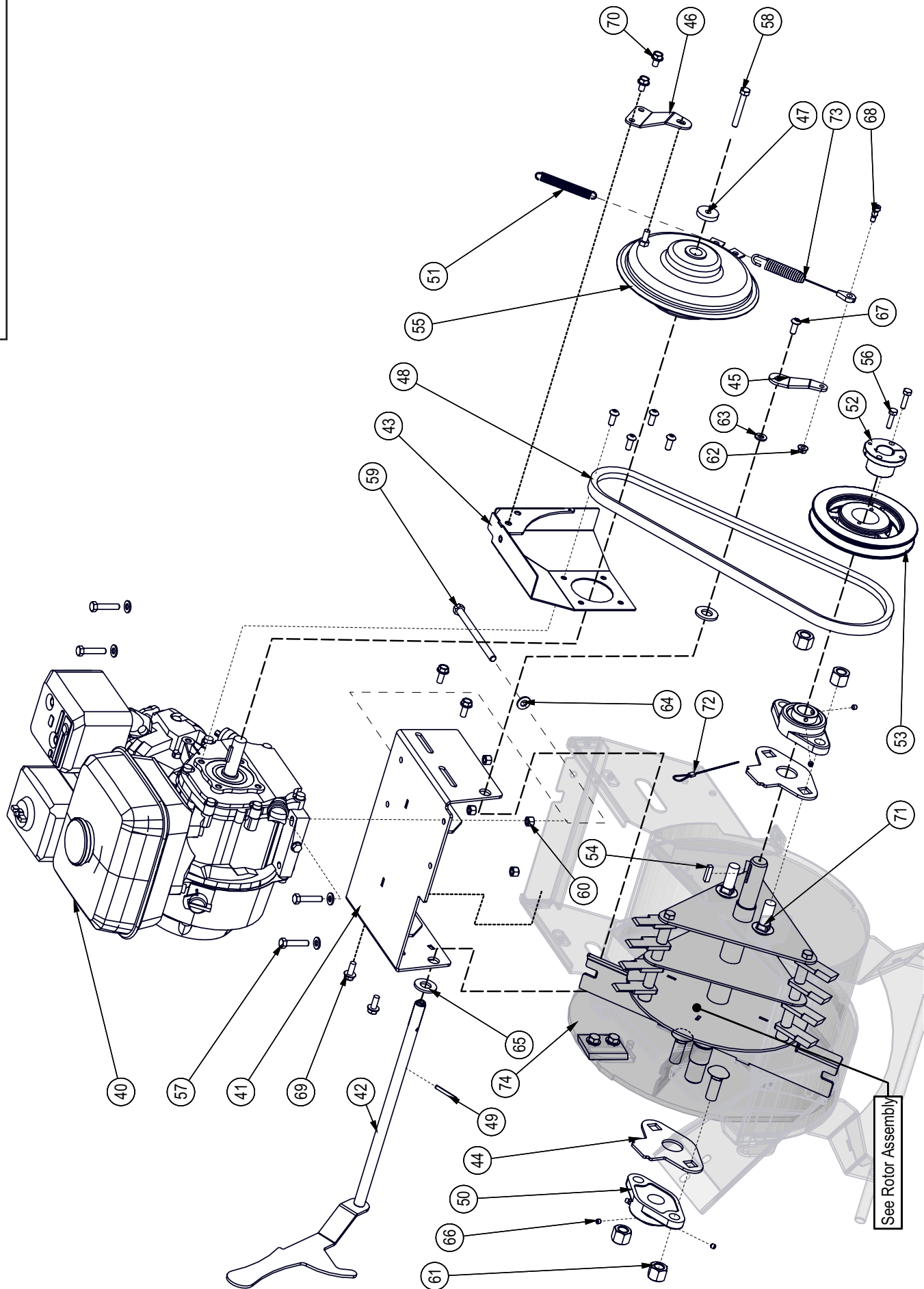
BOM ID	Part Number	Description	Qty
34	1073L242	Deflector	1
35	Z33201	Tor Spring, 0.585" OD x 0.850" x 0.063" - RH	1
36	Z33202	Tor Spring, 0.585" OD x 0.850" x 0.063" - LH	1
37	Z71245	Hex Bolt, 5/16NC x 4-1/2"	1
38	Z72221	Hex Lock Nut, 5/16NC	1



Deflector Detail

HONDA GX200 Gasoline Engine
See engine owners manual for parts
maintenance details.

Engine and Driveline



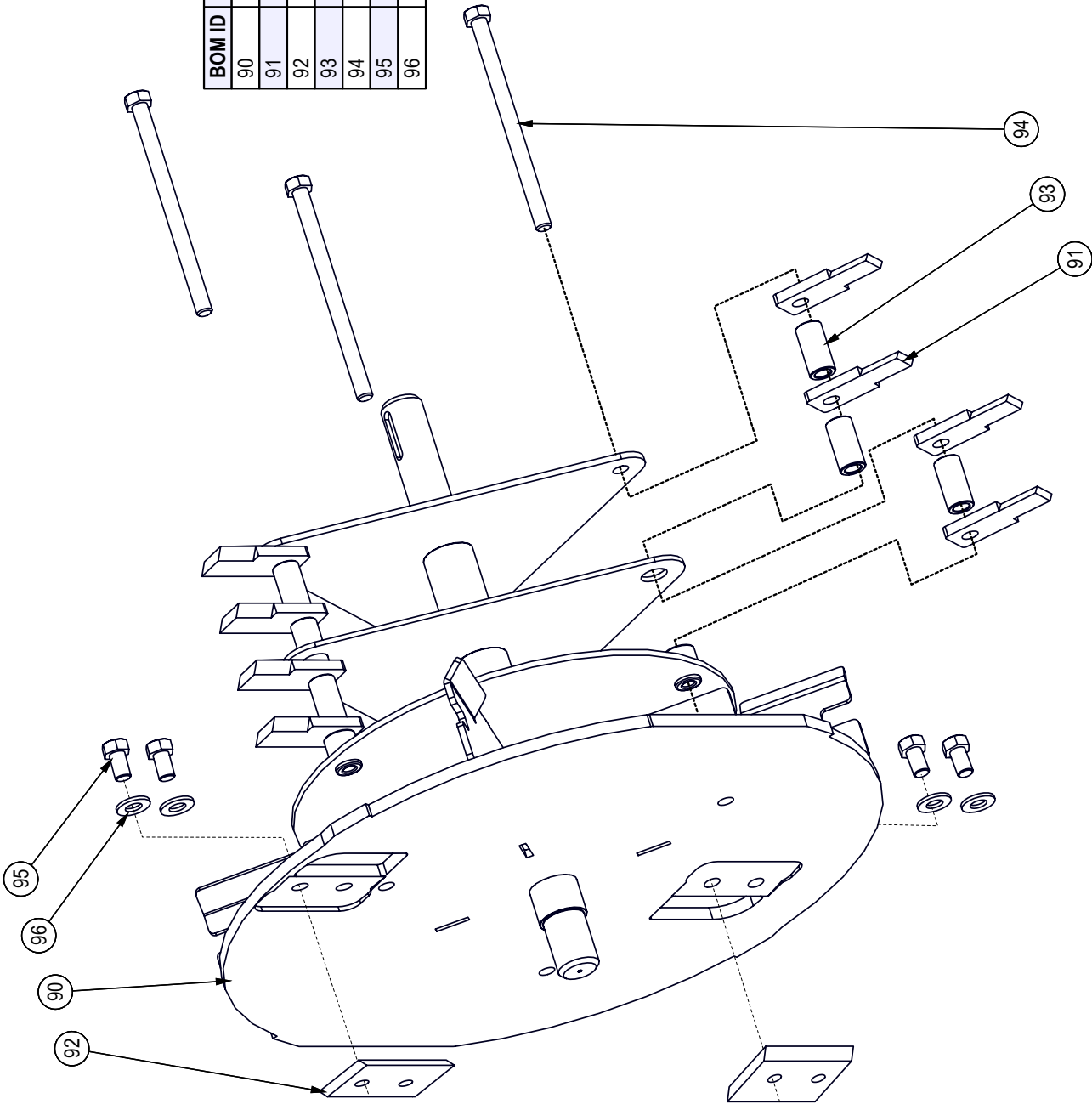
Engine and Driveline - BOM

BOM ID	Part No.	Description	Qty
40	Z47131	Honda GX200UTQH6, Rope	1
41	1073W127	Engine Base	1
42	1073W121	Clutch Actuator	1
43	1073W124	Shield Mount	1
44	1073L266	Bearing Cover Plate	2
45	1073L248	Clutch Actuator Foot	1
46	1073L263	Clutch Keep	1
47	1073L255	Trap Washer	1
48	Z41161	Single Belt, B42	1
49	Z14151	Roll Pin, 3/16" x 1-1/2"	1
50	Z25101	2-Bolt Flange Bearing, UCFL205-16	2
51	Z31304	Ext Spring, 1/2" OD x 2-1/2" x .063"	1
52	Z41510	Hub, L x 1"	1
53	Z41609	Sheave, MBL62 x L	1
54	Z46533	Key, 1/4" x 1/4" x 1"	1
55	Z49301	Brake Clutch, 3.6" x 3/4"	1
56	Z71110	Hex Bolt, 1/4NC x 1"	2
57	Z71215	Hex Bolt, 5/16NC x 1-1/2"	4

BOM ID	Part No.	Description	Qty
58	Z71277	Hex Bolt, 5/16NF x 2-1/4"	1
59	Z71390	Hex Bolt, 3/8NC x 5" Full Threads	1
60	Z72221	Hex Lock Nut, 5/16NC	4
61	Z72261	Hex Lock Nut, 5/8NC	4
62	Z72511	Serrated Flange Locknut, 1/4NC	1
63	Z73122	SAE Washer, 5/16"	5
64	Z73131	SAE Washer, 3/8"	1
65	Z73161	SAE Washer, 5/8"	2
66	Z74111	Set Screw, 1/4NC x 1/4"	4
67	Z75351	BHCS, 5/16NF x 3/4"	5
68	Z75523	Shoulder Bolt, 5/16" x 3/8"	1
69	Z76121	Flange Bolt, 5/16NC x 3/4"	4
70	Z76122	Flange Bolt, 5/16NC x 1/2"	2
71	Z76262	Carriage Bolt, 5/8NC x 1-3/4"	4
72	Z92110	Aircraft Cable, 1/16" x 24"	1
73	Z92117	Clutch Actuator Cable with Spring and 5/16" Eye	1
74	1073A101	Assembly, Rotor	1

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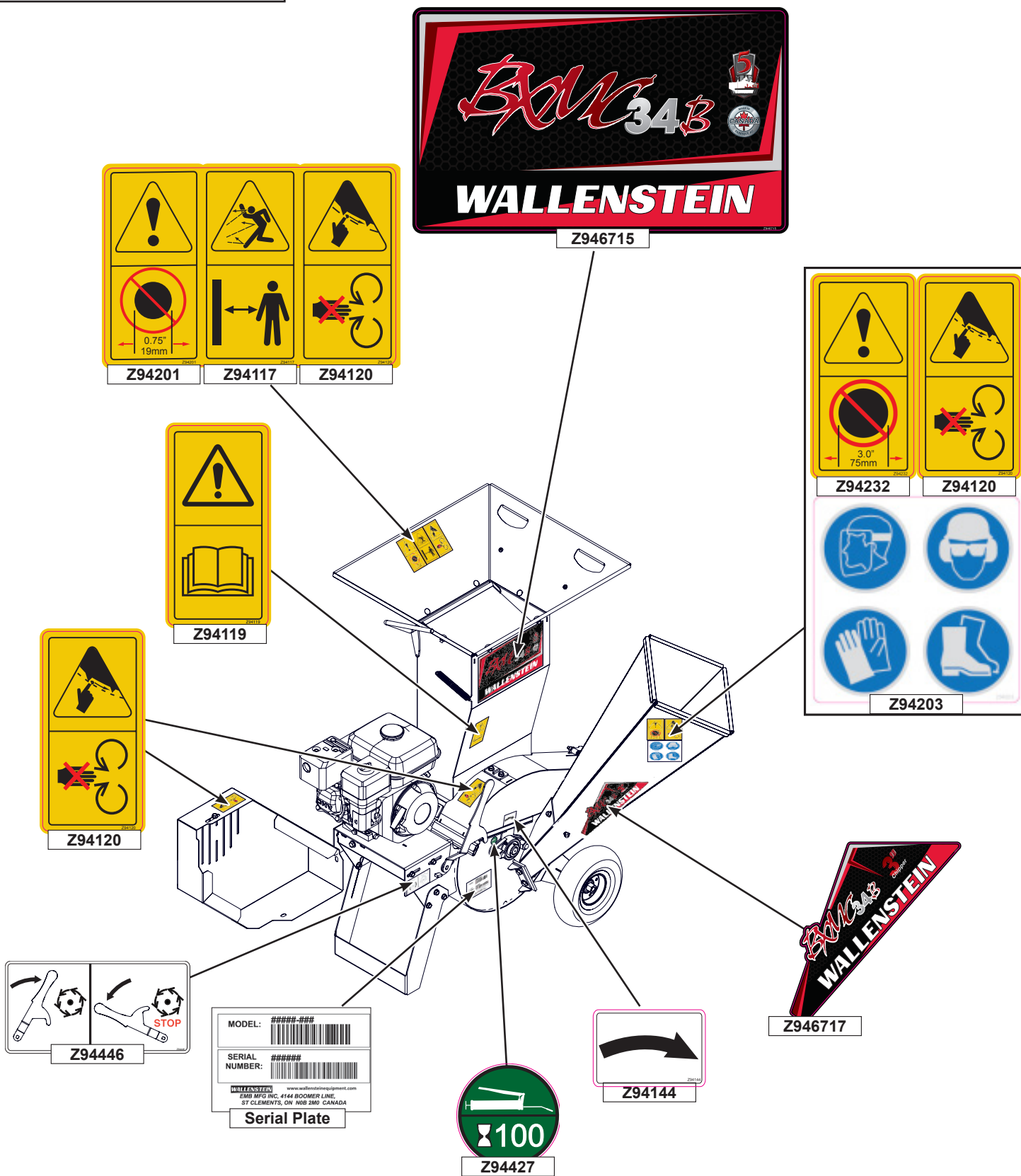
Rotor Assembly

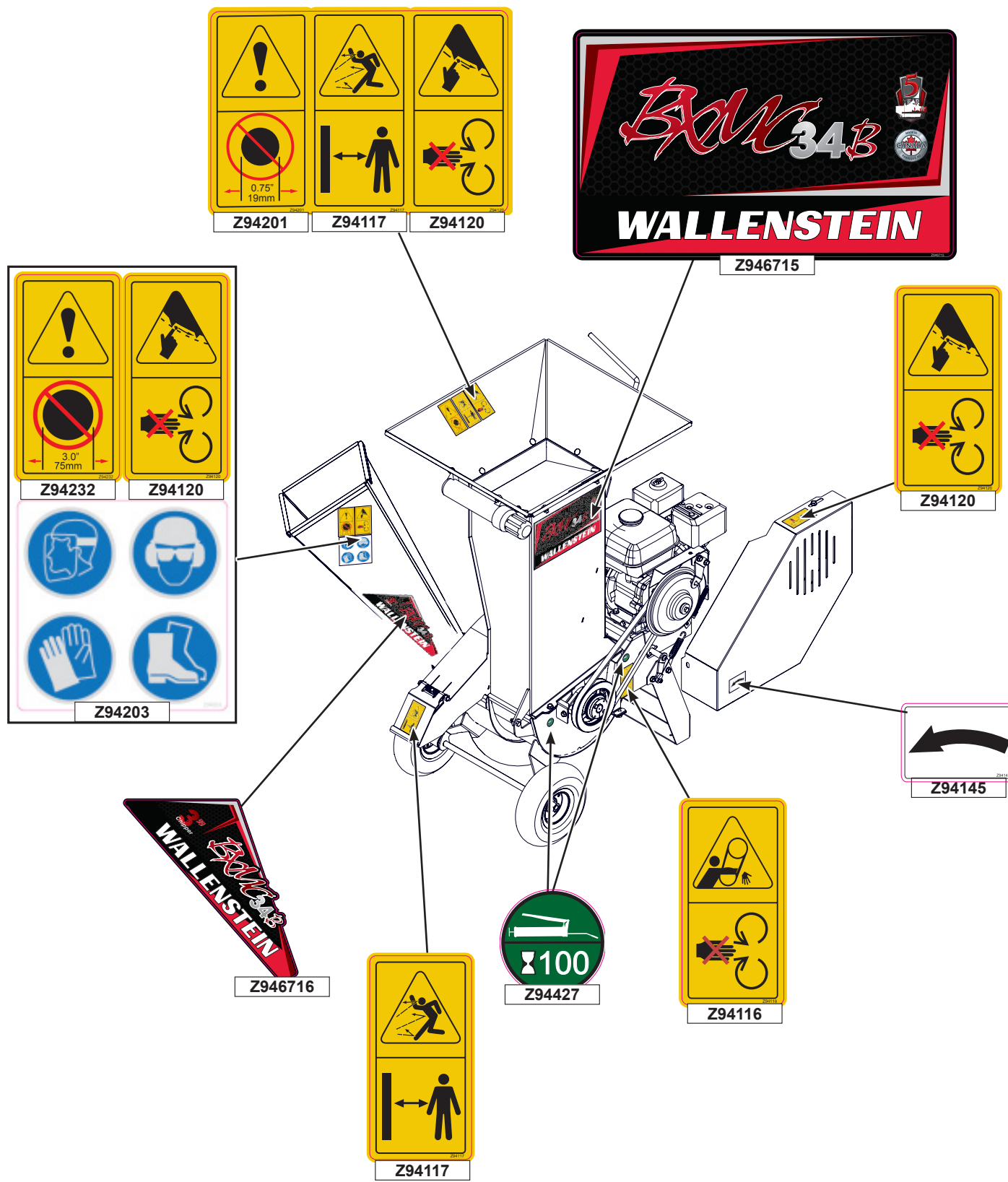


BOM ID	Part No.	Description	Qty
90	1073W103	Rotor	1
91	1056M108	Knife, Shredder	12
92	1056M303	Knife, 3" Rotor	2
93	1073M104	Spacer, Shredder 1.25	9
94	Z71355G8	Hex Bolt, 3/8NC x 5-1/2" G8	3
95	Z71372G8	Hex Bolt, 3/8NF x 5/8" G8	4
96	Z73131	SAE Washer, 3/8"	4

It is recommended that the clearance between the rotor and stationary blades be set and maintained at 1/32 to 1/16 " (.76 - 1.52 mm) to obtain the best performance.

Label Layout

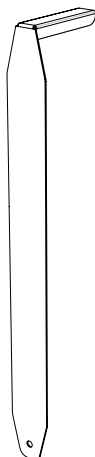




Accessories

Call your dealer for pricing and availability

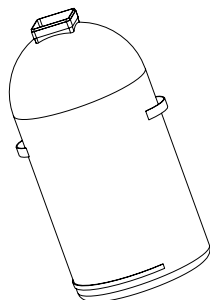
#1012L269



#1012L269 Ledger Clearance Setting Gauge.

An easy and accurate way of setting the critical clearances between the ledger blade and the rotor chipper blade.

#1082S352

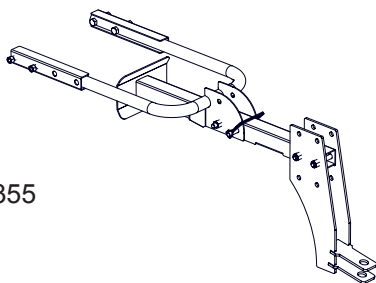


#1082S352 Mulch Collector Bag.

An easy way to collect your mulch and distribute it where its needed.

The mulch bag holds 2.7 cu.ft (28 litres) and is a mildew resistant synthetic material. It is a porous material, allowing air from the rotor to pass through without restricting collection of the chips.

#1082A355

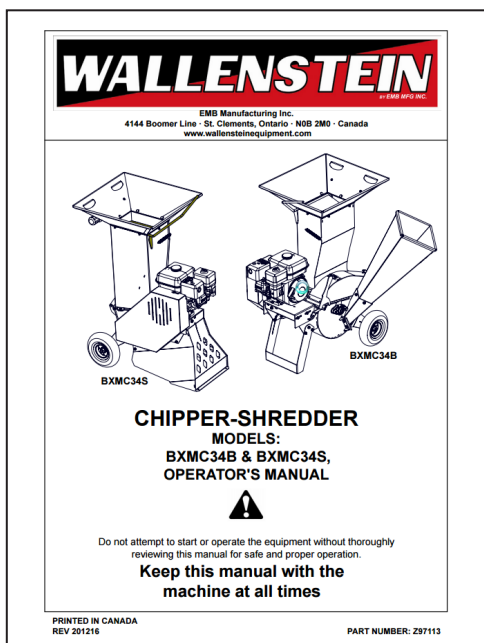


#1082A355 Garden Tractor Hitch.

Allows for hauling your chipper with your garden tractor, convenient when working around the yard, a must for larger properties.

Easy to install, bolt on to your chipper and you're ready to go!

#Z97113 CHIPPER-SHREDDER OPERATOR'S MANUAL



Available as a download at
www.wallensteinequipment.com