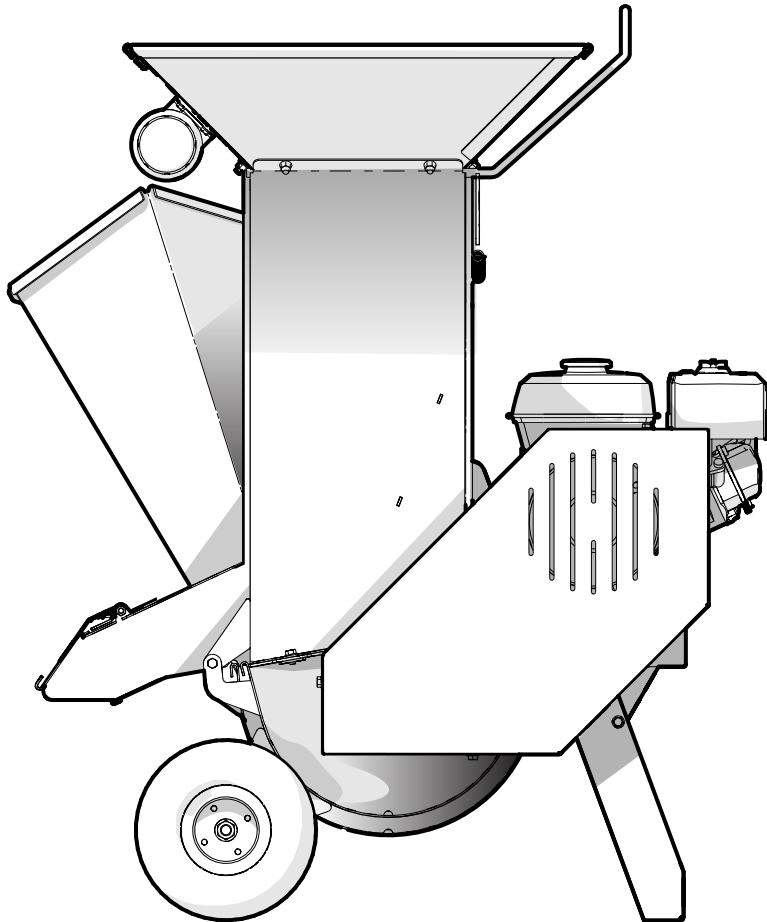


# PARTS MANUAL

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Serial Number 1MC34B1 & up

## BXMC34B CART CHIPPER / SHREDDER



## 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://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. 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!**

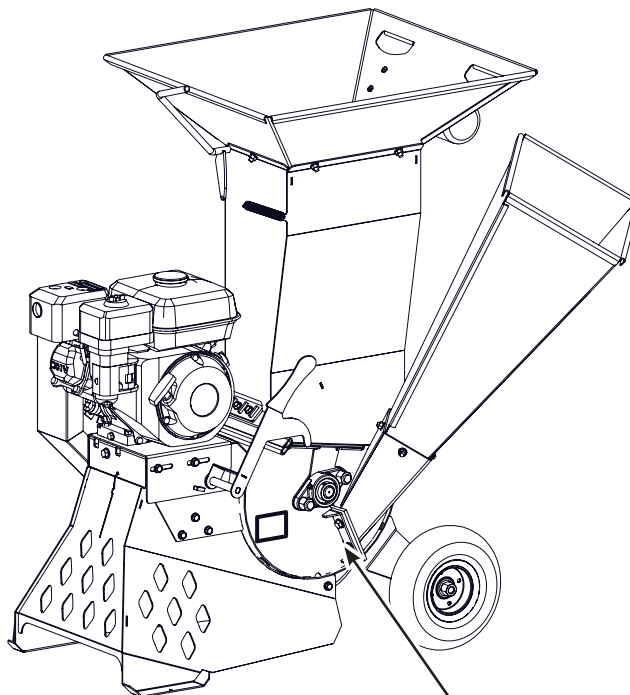
**Refer to the operators manual for safe operation and maintenance.**

**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 serial number plate shown in the illustration below.

**Record product information for future reference.**



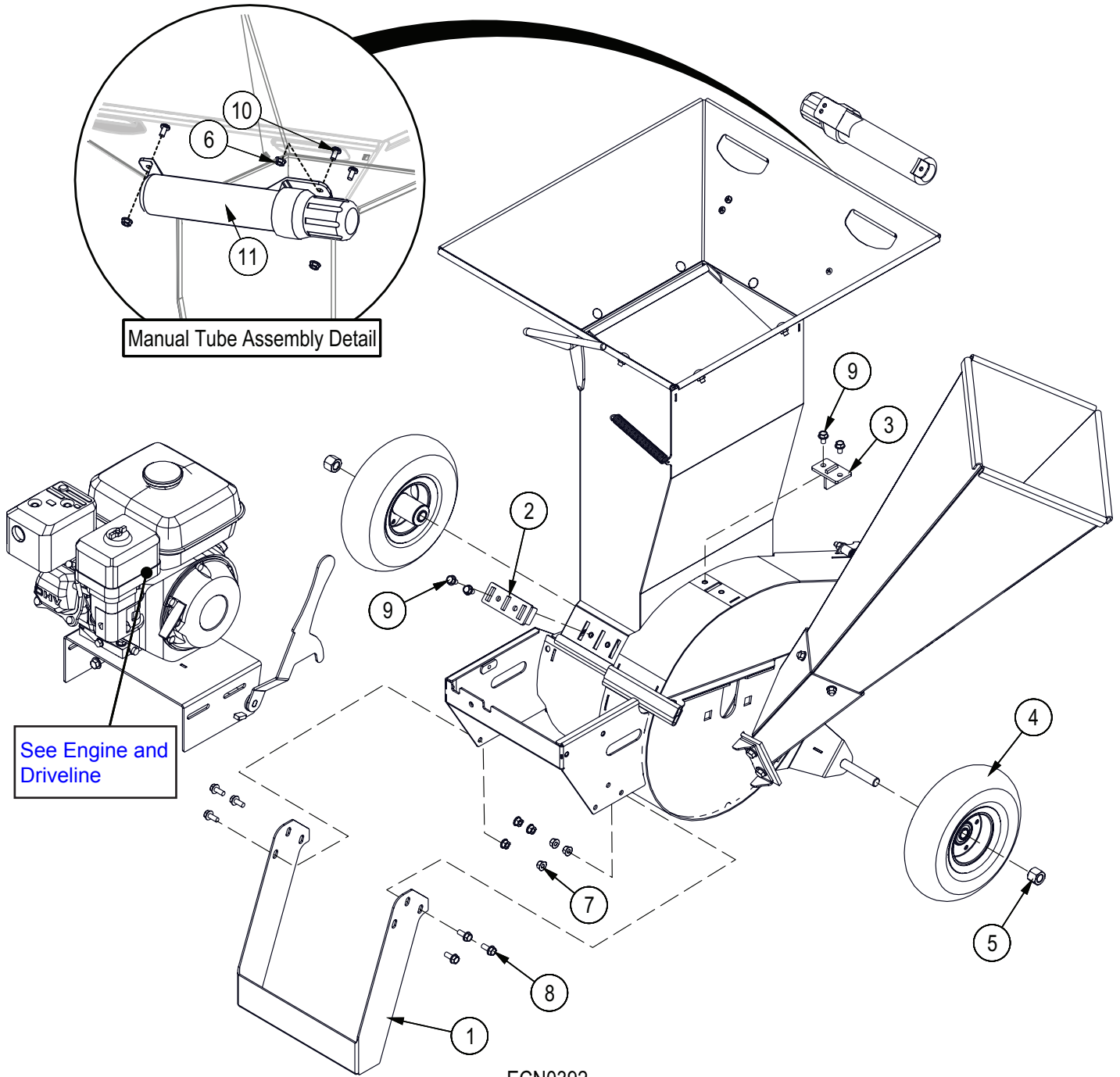
**Model and Serial  
Number Location**

[www.wallensteinequipment.com](http://www.wallensteinequipment.com)

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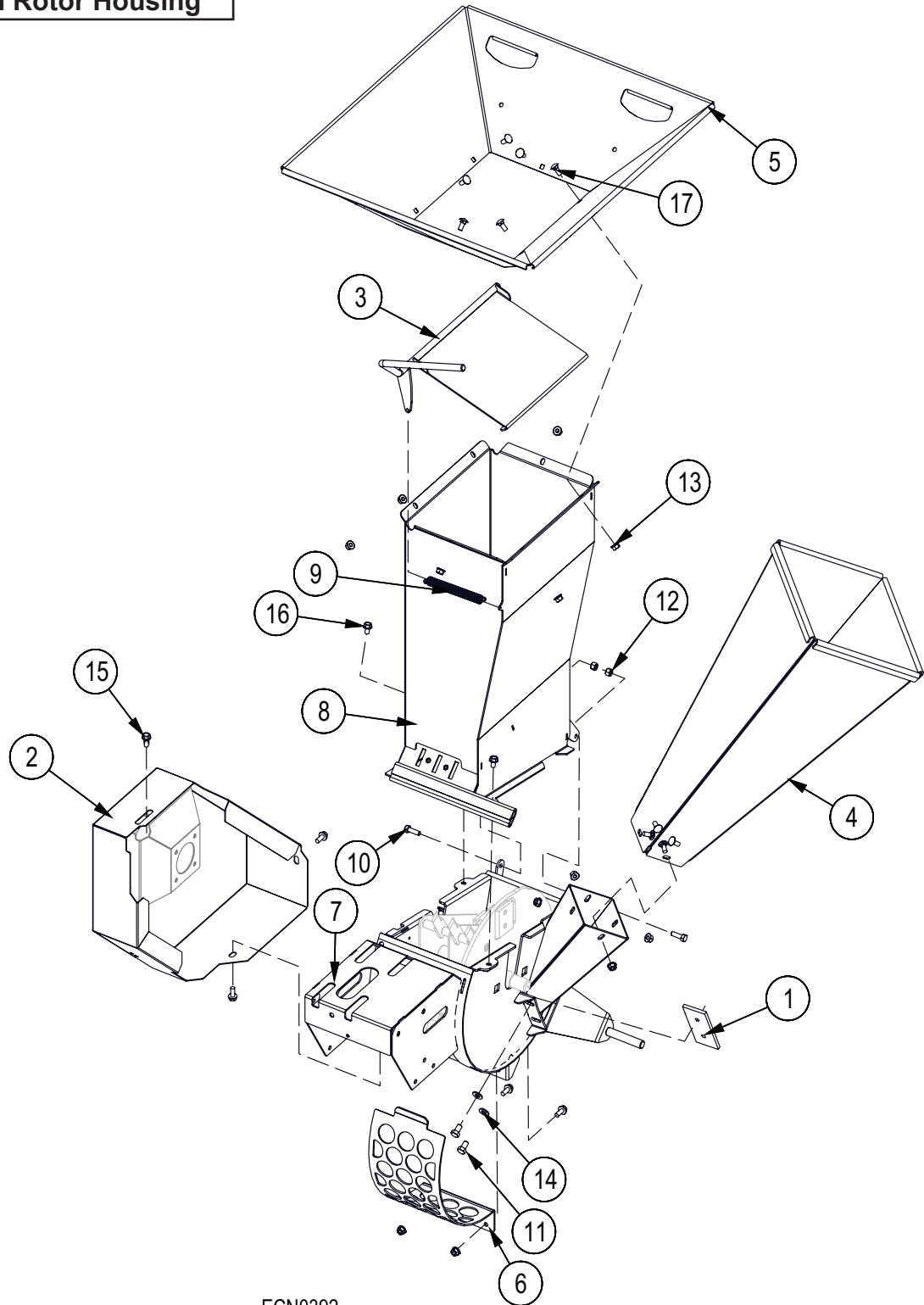
**Main Parts**



ECN0392

Item No.	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

**Upper and Bottom Rotor Housing**

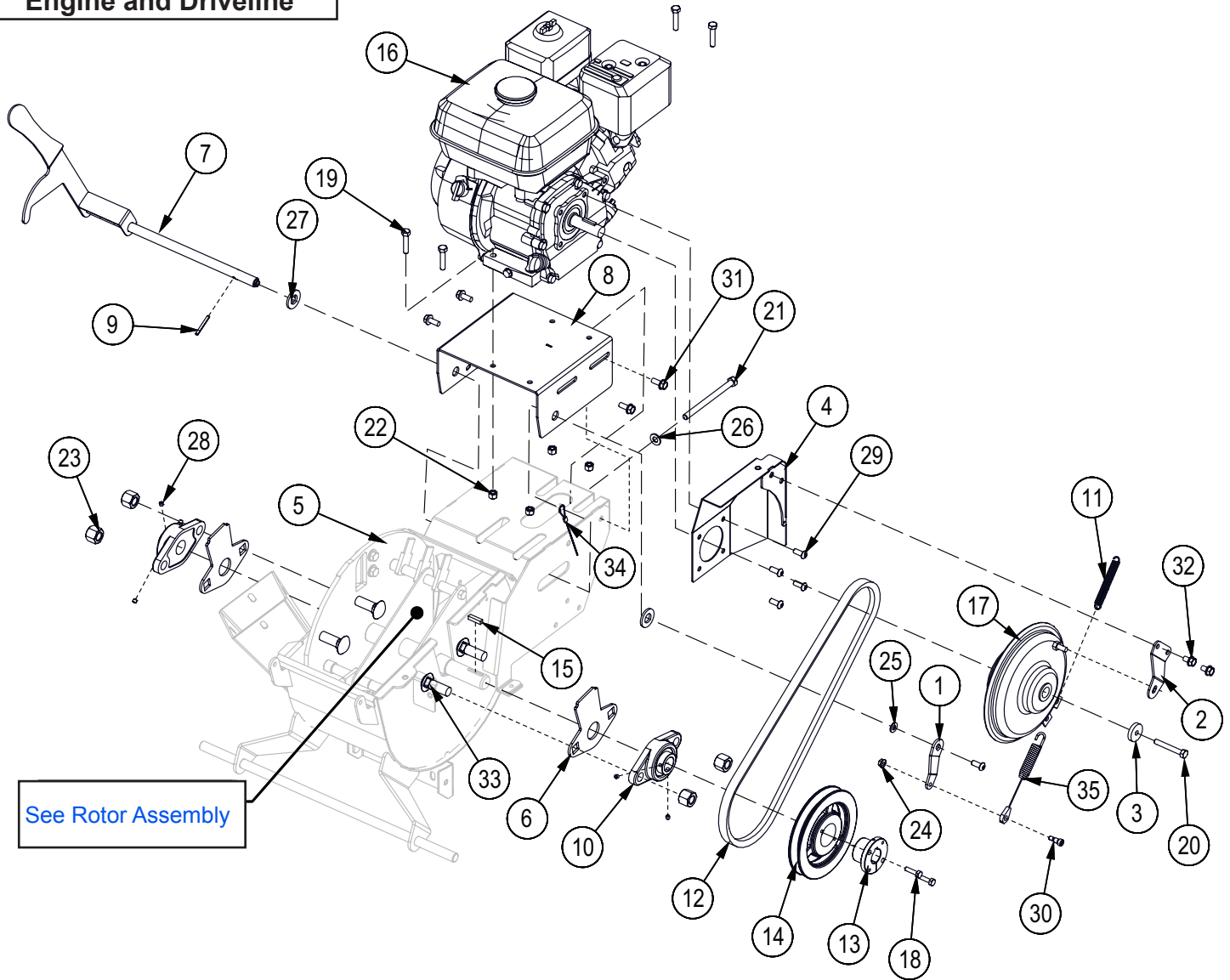


ECN0392

Item No.	Part No.	Description	Qty
1	1056M304	Knife, 3" Ledger	1
2	1073L233	Belt Shield	1
3	1073W107	Flap, Hopper	1
4	1073W112	Extension	1
5	1073W129	Hopper	1
6	1074L250	1-1/2" Round Screen	1
7	1074W102	Bottom Housing	1
8	1074W104	Upper Housing	1

Item No.	Part No.	Description	Qty
9	Z31301	Ext Spring, 17mm OD x 140mm x 0.080"	1
10	Z71210	Hex Bolt, 5/16NC x 1"	2
11	Z71372G8	Hex Bolt, 3/8NF x 5/8" G8	2
12	Z72221	Hex Lock Nut, 5/16NC	2
13	Z72521	Serrated Flange Locknut, 5/16NC	12
14	Z73131	SAE Washer, 3/8"	2
15	Z76121	Flange Bolt, 5/16NC x 3/4"	5
16	Z76122	Flange Bolt, 5/16NC x 1/2"	2
17	Z76221	Carriage Bolt, 5/16NC x 3/4"	10

## Engine and Driveline

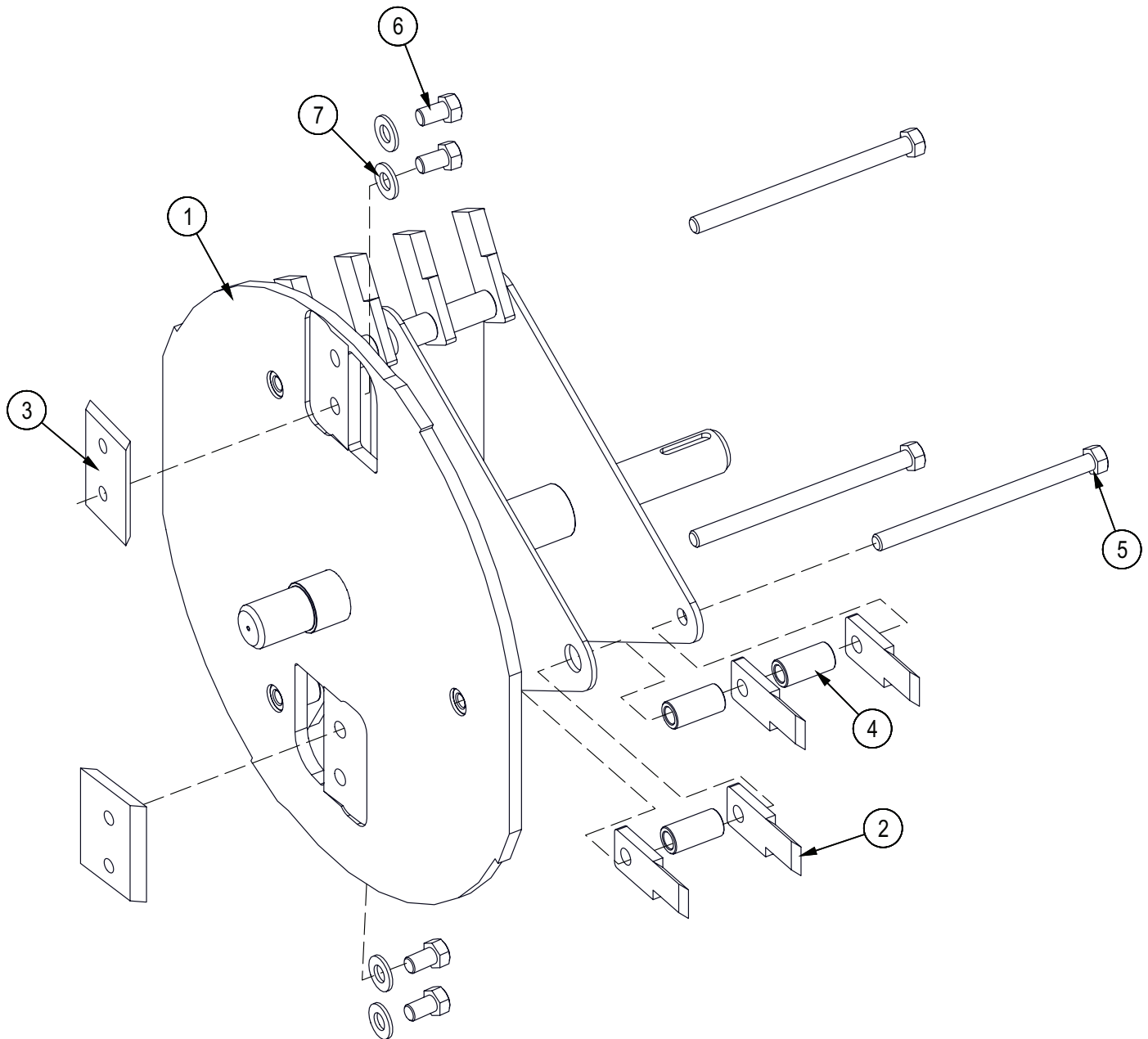


ECN0392

Item No.	Part No.	Description	Qty
1	1073L248	Clutch Actuator Foot	1
2	1073L263	Clutch Keep	1
3	1073L255	Trap Washer	1
4	1073W124	Shield Mount	1
5	1074A101	Assembly, Rotor	1
6	1074L266	Bearing Cover Plate	2
7	1074W121	Clutch Actuator	1
8	1074W122	Engine Plate	1
9	Z14151	Roll Pin, 3/16" x 1-1/2"	1
10	Z25101	2-Bolt Flange Bearing, UCFL205-16	2
11	Z31304	Ext Spring, 1/2" OD x 2-1/2" x .063"	1
12	Z41161	Single Belt, B42	1
13	Z41510	Hub, L x 1"	1
14	Z41609	Sheave, MBL62 x L	1
15	Z46533	Key, 1/4" x 1/4" x 1"	1
16	Z47131	Honda GX200UTQH6, Rope	1
17	Z49301	Brake Clutch, 3.6" x 3/4"	1
18	Z71110	Hex Bolt, 1/4NC x 1"	2

Item No.	Part No.	Description	Qty
19	Z71215	Hex Bolt, 5/16NC x 1-1/2"	4
20	Z71277	Hex Bolt, 5/16NF x 2-1/4"	1
21	Z71390	Hex Bolt, 3/8NC x 5" Full Threads	1
22	Z72221	Hex Lock Nut, 5/16NC	4
23	Z72261	Hex Lock Nut, 5/8NC	4
24	Z72511	Serrated Flange Locknut, 1/4NC	1
25	Z73122	SAE Washer, 5/16"	1
26	Z73131	SAE Washer, 3/8"	1
27	Z73161	SAE Washer, 5/8"	2
28	Z74111	Set Screw, 1/4NC x 1/4"	4
29	Z75351	BHCS, 5/16NF x 3/4"	5
30	Z75523	Shoulder Bolt, 5/16" x 3/8"	1
31	Z76121	Flange Bolt, 5/16NC x 3/4"	4
32	Z76122	Flange Bolt, 5/16NC x 1/2"	2
33	Z76262	Carriage Bolt, 5/8NC x 1-3/4"	4
34	Z92110	Aircraft Cable, 1/16" x 24"	1
35	Z92117	Clutch Actuator Cable w/ Spring, 5/16" Eye	1

## Rotor Assembly



ECN0406

Item No.	Part No.	Description	Qty
1	1074W103	Rotor	1
2	1056M108	Knife, Shredder	12
3	1056M303	Knife, 3" Rotor	2
4	1073M104	Spacer, Shredder 1.25	9
5	Z71355G8	Hex Bolt, 3/8NC x 5-1/2" G8	3
6	Z71372G8	Hex Bolt, 3/8NF x 5/8" G8	4
7	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.





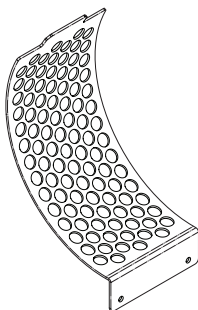


**Accessories**

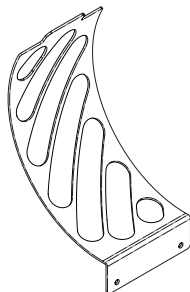
Call your dealer for pricing and availability

**Ledger Clearance Setting Gauge****P/N 1012L269**

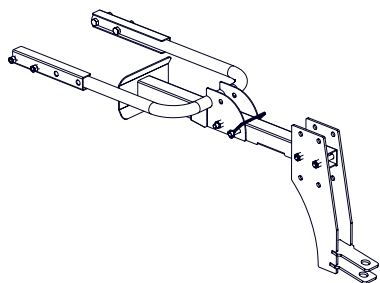
An easy and accurate way of setting the critical clearances between the ledger blade and the rotor chipper blade.

**Round Screen 3/4" (19 mm)****P/N 1074L240**

Conversion kit, simple to install. Makes a finer mulch than the standard screen.

**Slotted Wet Screen – 1-1/2" X 7"****P/N 1074L260**

Bolt on, easy to install conversion kit. Works well to prevent clogs when working with wet material.

**Garden Tractor Hitch****P/N 1082A355**

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

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


## Common Bolt Torque Values

### 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