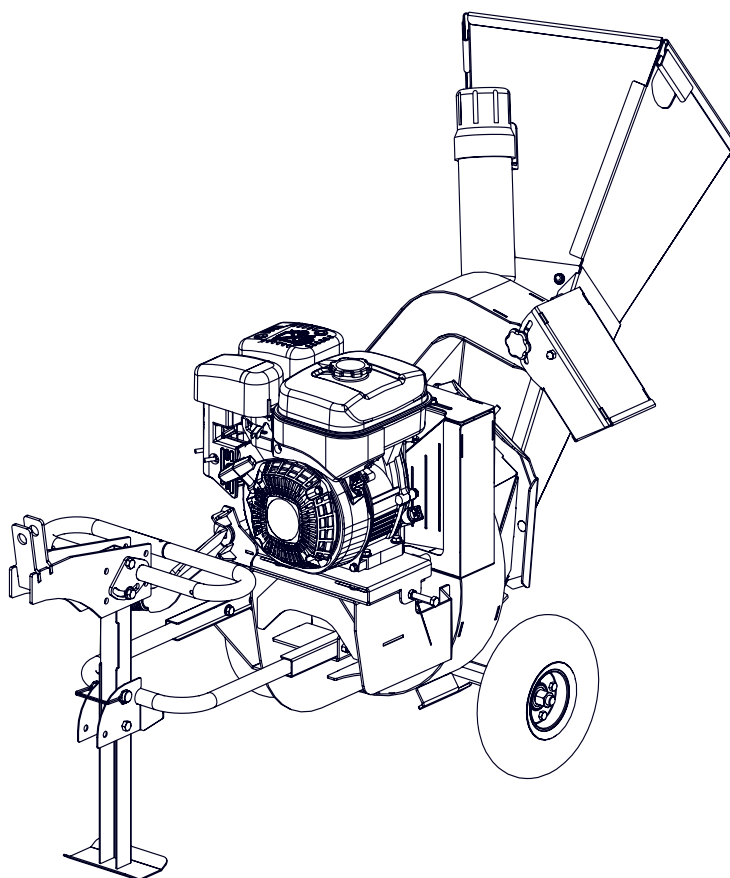




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# BXC32 & BXC32H Cart Chipper Parts Manual

Starting with S/N's  
1C32245 to 1C32280



Refer to the operators  
manual for safe  
operation and  
maintainance

1075T100 BXC32 Rev B1 Parts Book  
181116

## 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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| Model  | Revision |       |
|--------|----------|-------|
|        | Subaru   | Honda |
| BXC32  | B1       |       |
| BXC32H |          | A2    |

Maintenance should be performed by  
trained personnel only.



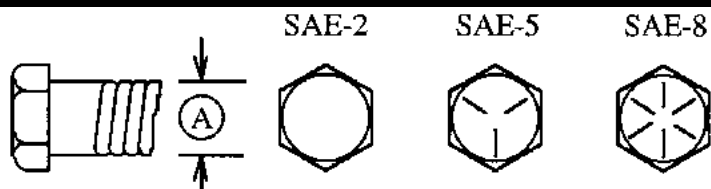
Refer to the operators  
manual for safe  
operation and  
maintenance

**Bolt Torque****CHECKING BOLT TORQUE**

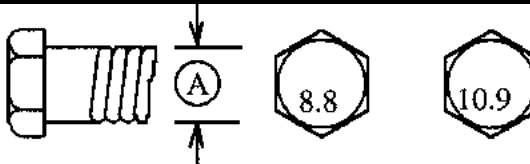
The tables shown below give correct torque values for various bolts and capscrews. Tighten all bolts to the torques specified in chart unless otherwise noted. Check tightness of bolts periodically, using bolt torque chart as a guide. Replace hardware with the same strength bolt.

**ENGLISH TORQUE SPECIFICATIONS**

| Bolt Diameter "A" | Bolt Torque*           |     |                        |     |                        |     |
|-------------------|------------------------|-----|------------------------|-----|------------------------|-----|
|                   | SAE 2<br>(N.m) (lb-ft) |     | SAE 5<br>(N.m) (lb-ft) |     | SAE 8<br>(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**

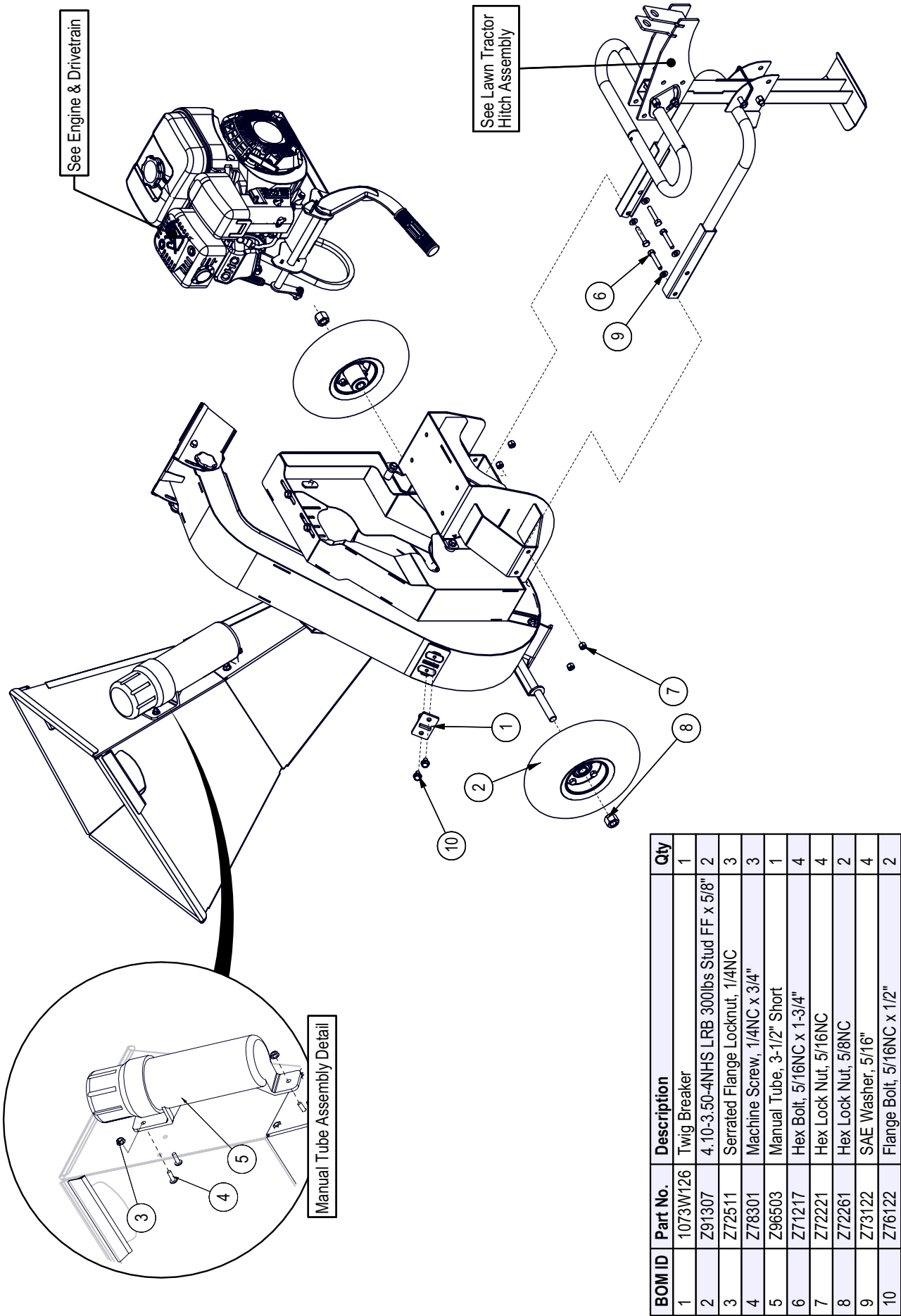
| Bolt Diameter "A" | Bolt Torque*         |      |                       |      |
|-------------------|----------------------|------|-----------------------|------|
|                   | 8.8<br>(N.m) (lb-ft) |      | 10.9<br>(N.m) (lb-ft) |      |
| M3                | 0.5                  | 0.4  | 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 |



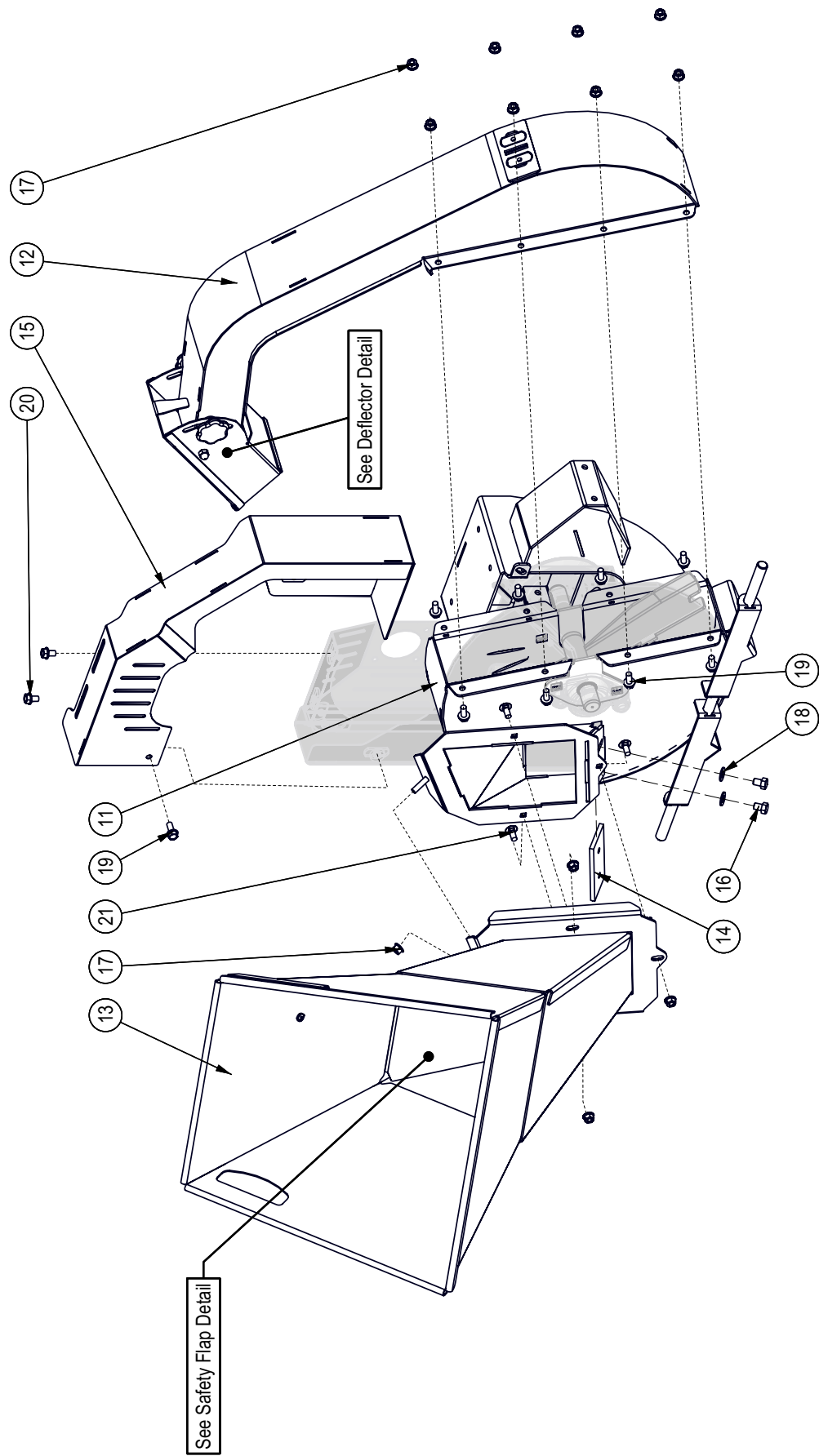
Torque figures indicated above are valid for non-greased or non-oiled threads and heads unless otherwise specified. Therefore, do not grease or oil bolts or capscrews unless otherwise specified in this manual. When using locking elements, increase torque values by 5%.

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

Main Assembly



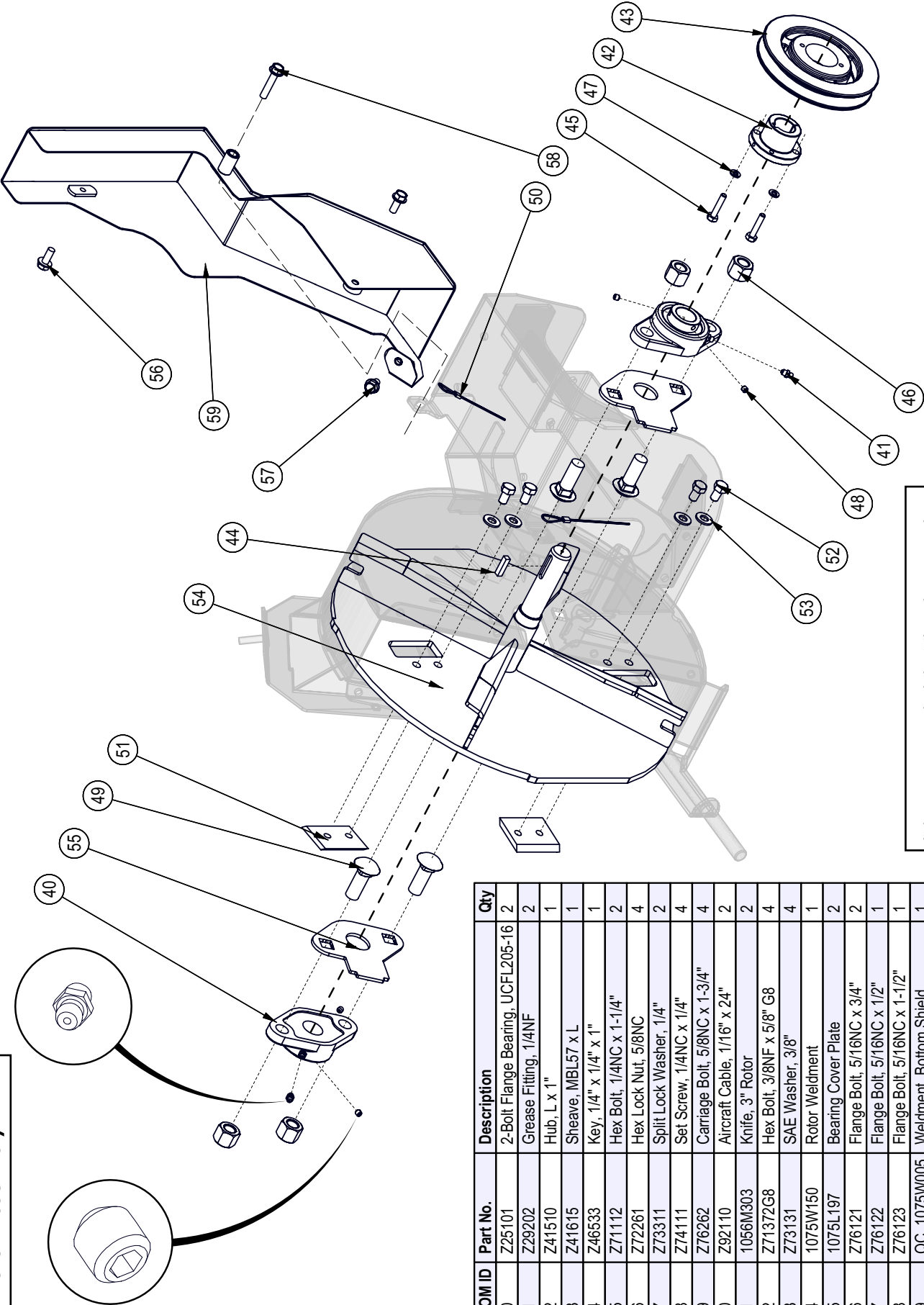
Upper \ Lower Rotor Housing



| BOM ID | Part No. | Description                     | Qty |
|--------|----------|---------------------------------|-----|
| 17     | Z72521   | Serrated Flange Locknut, 5/16NC | 12  |
| 18     | Z73131   | SAE Washer, 3/8"                | 2   |
| 19     | Z76121   | Flange Bolt, 5/16NC x 3/4"      | 9   |
| 20     | Z76122   | Flange Bolt, 5/16NC x 1/2"      | 2   |
| 21     | Z76221   | Carriage Bolt, 5/16NC x 3/4"    | 3   |

| BOM ID | Part No.    | Description               | Qty |
|--------|-------------|---------------------------|-----|
| 11     | 1075W151    | Weldment, Lower Housing   | 1   |
| 12     | 1075W152    | Weldment, Upper Housing   | 1   |
| 13     | 1075W159    | Weldment, Feed Hopper     | 1   |
| 14     | 1056W304    | Knife, 3" Ledger          | 1   |
| 15     | QC_1075W004 | Weldment, Top Shield      | 1   |
| 16     | Z71376G8    | Hex Bolt, 3/8NF x 1/2" G8 | 2   |

Rotor Assembly

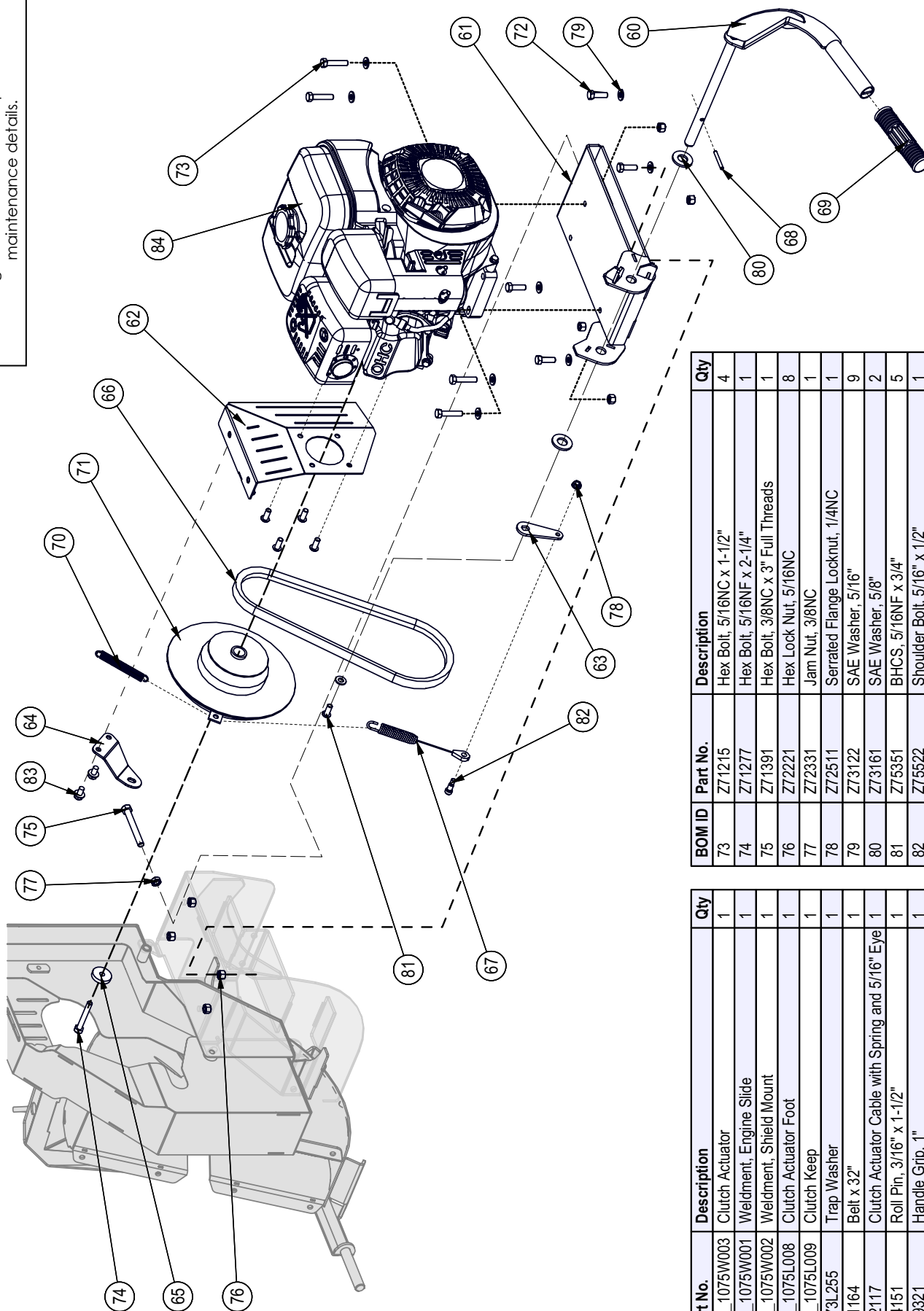


It is recommended that the clearance between the rotor and stationary blades be set and maintained at 1/32 to 1/16 " (.76 - 1.52 mm) to obtain the best performance.

| BOM ID | Part No.    | Description                       | Qty |
|--------|-------------|-----------------------------------|-----|
| 40     | Z25101      | 2-Bolt Flange Bearing, UCFL205-16 | 2   |
| 41     | Z29202      | Grease Fitting, 1/4NF             | 2   |
| 42     | Z41510      | Hub, L x 1"                       | 1   |
| 43     | Z41615      | Sheave, MBL57 x L                 | 1   |
| 44     | Z46533      | Key, 1/4" x 1/4" x 1"             | 1   |
| 45     | Z71112      | Hex Bolt, 1/4NC x 1-1/4"          | 2   |
| 46     | Z72261      | Hex Lock Nut, 5/8NC               | 4   |
| 47     | Z73311      | Split Lock Washer, 1/4"           | 2   |
| 48     | Z74111      | Set Screw, 1/4NC x 1/4"           | 4   |
| 49     | Z76262      | Carriage Bolt, 5/8NC x 1-3/4"     | 4   |
| 50     | Z92110      | Aircraft Cable, 1/16" x 24"       | 2   |
| 51     | 1056M303    | Knife, 3" Rotor                   | 2   |
| 52     | Z71372G8    | Hex Bolt, 3/8NF x 5/8" G8         | 4   |
| 53     | Z73131      | SAE Washer, 3/8"                  | 4   |
| 54     | 1075W150    | Rotor Weldment                    | 1   |
| 55     | 1075L197    | Bearing Cover Plate               | 2   |
| 56     | Z76121      | Flange Bolt, 5/16NC x 3/4"        | 2   |
| 57     | Z76122      | Flange Bolt, 5/16NC x 1/2"        | 1   |
| 58     | Z76123      | Flange Bolt, 5/16NC x 1-1/2"      | 1   |
| 59     | QC_1075W005 | Weldment, Bottom Shield           | 1   |

## Engine and Driveline

Subaru SP210 & HONDA GX200 Gasoline Engine  
See engine owners manual for parts and maintenance details.



| BOM ID | Part No. | Description                       | Qty |
|--------|----------|-----------------------------------|-----|
| 73     | Z71215   | Hex Bolt, 5/16NC x 1-1/2"         | 4   |
| 74     | Z71277   | Hex Bolt, 5/16NF x 2-1/4"         | 1   |
| 75     | Z71391   | Hex Bolt, 3/8NC x 3" Full Threads | 1   |
| 76     | Z72221   | Hex Lock Nut, 5/16NC              | 8   |
| 77     | Z72331   | Jam Nut, 3/8NC                    | 1   |
| 78     | Z72511   | Serrated Flange Locknut, 1/4NC    | 1   |
| 79     | Z73122   | SAE Washer, 5/16"                 | 9   |
| 80     | Z73161   | SAE Washer, 5/8"                  | 2   |
| 81     | Z75351   | BHCS, 5/16NF x 3/4"               | 5   |
| 82     | Z75522   | Shoulder Bolt, 5/16" x 1/2"       | 1   |
| 83     | Z76122   | Flange Bolt, 5/16NC x 1/2"        | 2   |
| 84     | Z47714   | Subaru EX210DT1030, Rope          | 1   |

| BOM ID | Part No.    | Description                                     | Qty |
|--------|-------------|-------------------------------------------------|-----|
| 60     | QC_1075W003 | Clutch Actuator                                 | 1   |
| 61     | QC_1075W001 | Weldment, Engine Slide                          | 1   |
| 62     | QC_1075W002 | Weldment, Shield Mount                          | 1   |
| 63     | QC_1075L008 | Clutch Actuator Foot                            | 1   |
| 64     | QC_1075L009 | Clutch Keep                                     | 1   |
| 65     | 1073L255    | Trap Washer                                     | 1   |
| 66     | Z41164      | Belt x 32"                                      | 1   |
| 67     | Z92117      | Clutch Actuator Cable with Spring and 5/16" Eye | 1   |
| 68     | Z14151      | Roll Pin, 3/16" x 1-1/2"                        | 1   |
| 69     | Z19321      | Handle Grip, 1"                                 | 1   |
| 70     | Z31304      | Ext Spring, 1/2" OD x 2-1/2" x .063"            | 1   |
| 71     | Z49301      | Brake Clutch, 3.6" x 3/4"                       | 1   |
| 72     | Z71210      | Hex Bolt, 5/16NC x 1"                           | 4   |



Deflector Detail

Weldment, Upper Housing

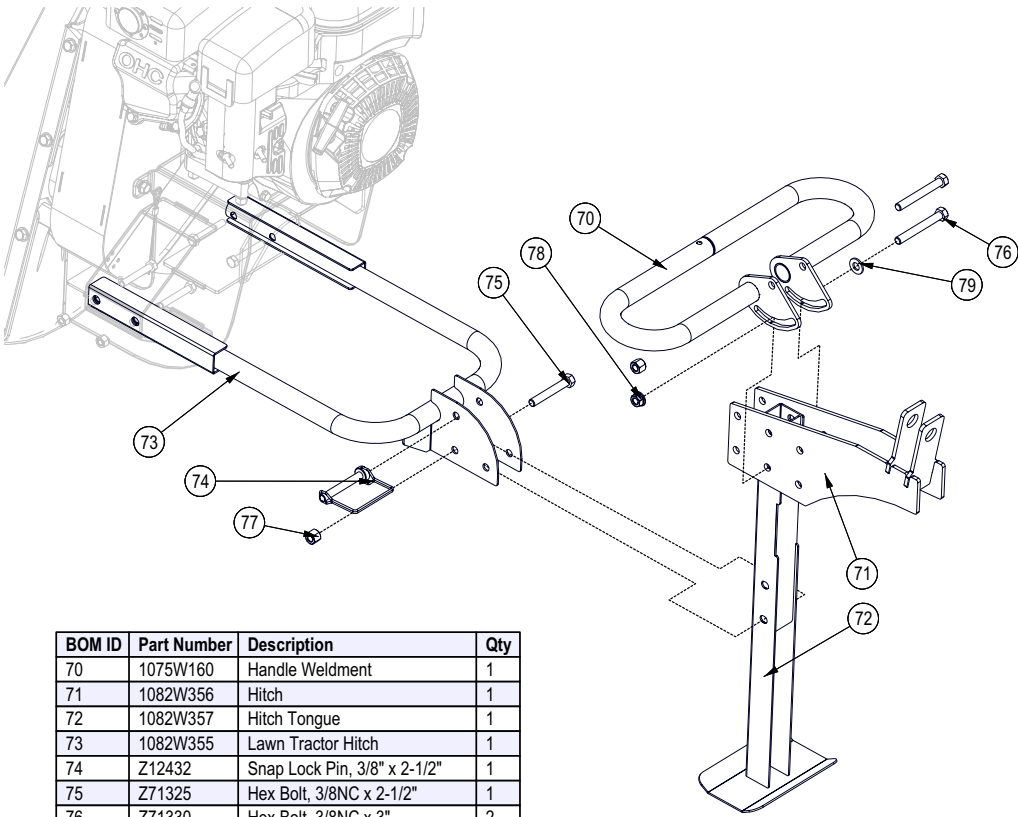
| BOM ID | Part Number | Description                  | Qty |
|--------|-------------|------------------------------|-----|
| 33     | 1075W158    | Deflector Chute              | 1   |
| 34     | Z19313      | Knob, 5/16NC Female Stud     | 2   |
| 35     | Z72914      | Acorn Nut, 5/16NC            | 2   |
| 36     | Z76221      | Carriage Bolt, 5/16NC x 3/4" | 4   |

Safety Flap Detail

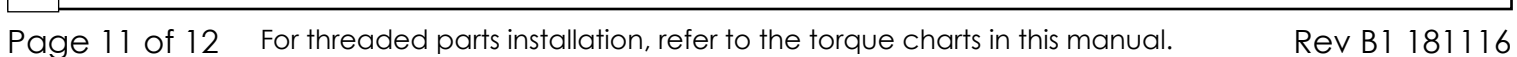
Inside View of feed chute:  
Detail of safety flap assembly on  
inside of feed chute.

| BOM ID | Part Number | Description                     | Qty |
|--------|-------------|---------------------------------|-----|
| 37     | 1075L214    | Plate, Flap Trap                | 1   |
| 38     | 1075S154    | Flap, Rubber Safety             | 1   |
| 39     | Z72521      | Serrated Flange Locknut, 5/16NC | 2   |
| 40     | Z76222      | Carriage Bolt, 5/16NC x 5/8"    | 2   |

Hitch Assembly



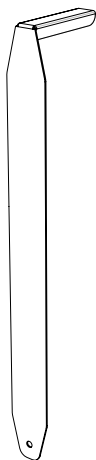
| BOM ID | Part Number | Description                    | Qty |
|--------|-------------|--------------------------------|-----|
| 70     | 1075W160    | Handle Weldment                | 1   |
| 71     | 1082W356    | Hitch                          | 1   |
| 72     | 1082W357    | Hitch Tongue                   | 1   |
| 73     | 1082W355    | Lawn Tractor Hitch             | 1   |
| 74     | Z12432      | Snap Lock Pin, 3/8" x 2-1/2"   | 1   |
| 75     | Z71325      | Hex Bolt, 3/8NC x 2-1/2"       | 1   |
| 76     | Z71330      | Hex Bolt, 3/8NC x 3"           | 2   |
| 77     | Z72231      | Hex Lock Nut, 3/8NC            | 2   |
| 78     | Z72531      | Serrated Flange Locknut, 3/8NC | 1   |
| 79     | Z73131      | SAE Washer, 3/8"               | 1   |



## Accessories

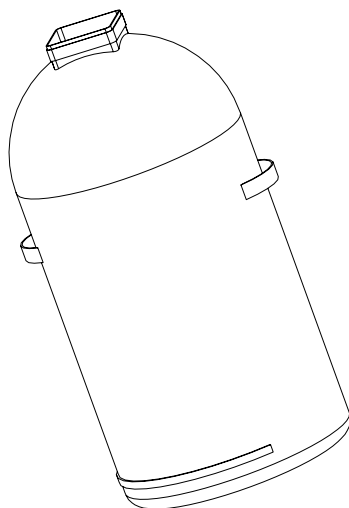
Call your dealer for pricing and availability

#1012L269

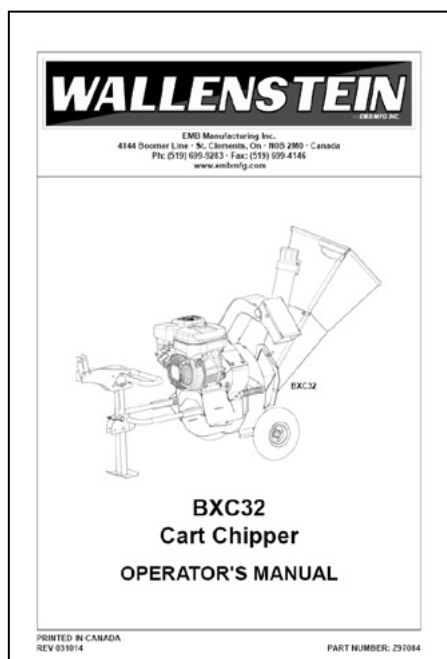


#1012L269 Ledger Clearance Setting Gauge.

#1082S352



#1082S352 Mulch Collector Bag.



### #Z97084 GENERATOR OPERATOR'S MANUAL

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