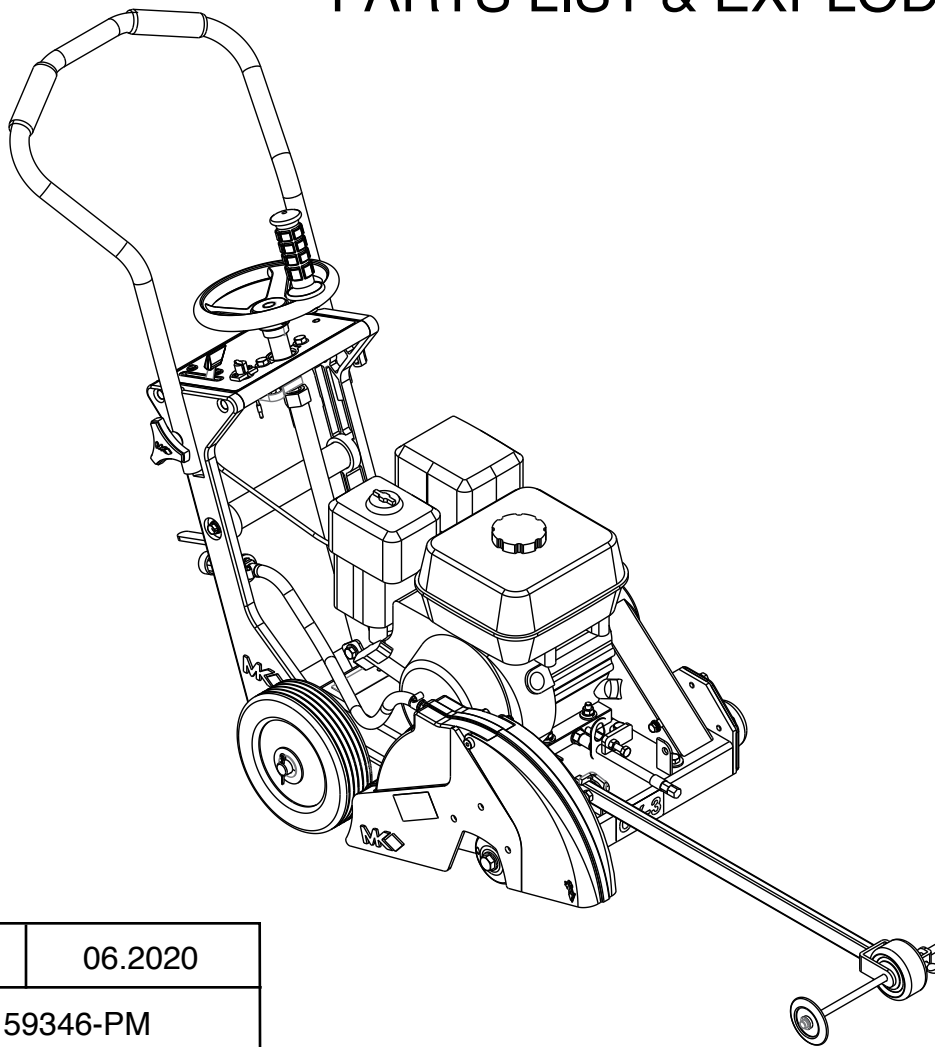


MK Diamond Products, Inc.

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

# MK DIAMOND CX-3, WITH SUBARU ENGINE WALK-BEHIND CONCRETE SAW PARTS LIST & EXPLODED VIEWS



Revision 209

06.2020

Manual 159346-PM

**Caution:** Read all safety and operating instructions before using this equipment. This parts list **MUST** accompany the equipment at all times.



MK Diamond Products, Inc.

## INTRODUCTION

Congratulations on your purchase of a Home Depot CX-3 Concrete Saw. We are certain that you will be pleased with your purchase. MK Diamond takes pride in producing the finest construction power tools and diamond blades in the industry.

Operated correctly, your CX-3 should provide you with years of service. In order to help you, we have included this parts manual. This manual contains exploded views and parts lists for your CX-3. Please take a few minutes to familiarize yourself with the components by reading and reviewing this manual.

If you should have questions, please feel free to call our friendly customer service department at: **(800) 421-5830**.

Regards,

MK Diamond

### NOTE THIS INFORMATION FOR FUTURE USE:

|                        |  |
|------------------------|--|
| <b>MODEL NUMBER:</b>   |  |
| <b>SERIAL NUMBER:</b>  |  |
| <b>PURCHASE PLACE:</b> |  |
| <b>PURCHASE DATE:</b>  |  |

**WARRANTY:** For your (1) one year warranty to be effective, complete the online Product Registration as soon as possible. Visit **[www.mkdiamond.com/registration/](http://www.mkdiamond.com/registration/)**

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### INTRODUCTION

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### PARTS LIST

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### GENERAL PRODUCT INFORMATION

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## WARNINGS

### WARNINGS

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Each machine is supplied with an operating instruction manual. Follow instructions strictly to ensure long service in normal operation. For repairs and service parts, contact your authorized MK Diamond dealer.



#### **WARNING**

**Failure to comply with these warnings and instructions could result in death or serious injury.**



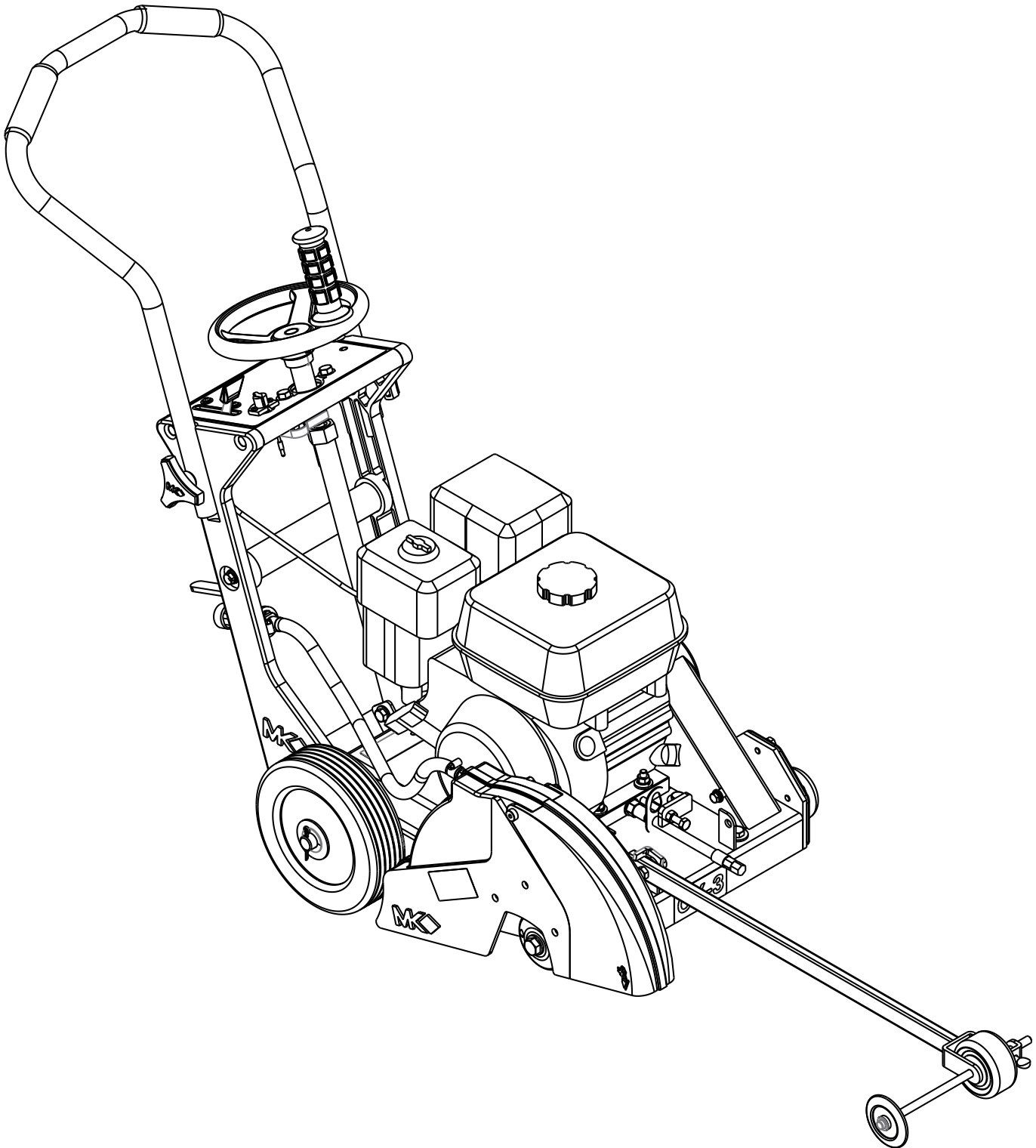
#### **WARNING**

Always park the machine on a level surface with the engine “OFF” and the ignition switch set in the “OFF” position before performing any maintenance. **Let the machine cool down! Disconnect spark-plug!**



#### **WARNING**

This saw was designed for certain applications only. **DO NOT** modify this saw or use for any application other than for which it was designed. If you have any questions relative to its application, **DO NOT** use the saw until you have contacted your MK Diamond dealer. The manufacturer accepts no responsibility by unsuitable use or modifications.

**FIGURE 1 - PARTS LIST: MK-CX3 CONC SAW W/SUBARU - P/N 159346**

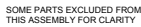
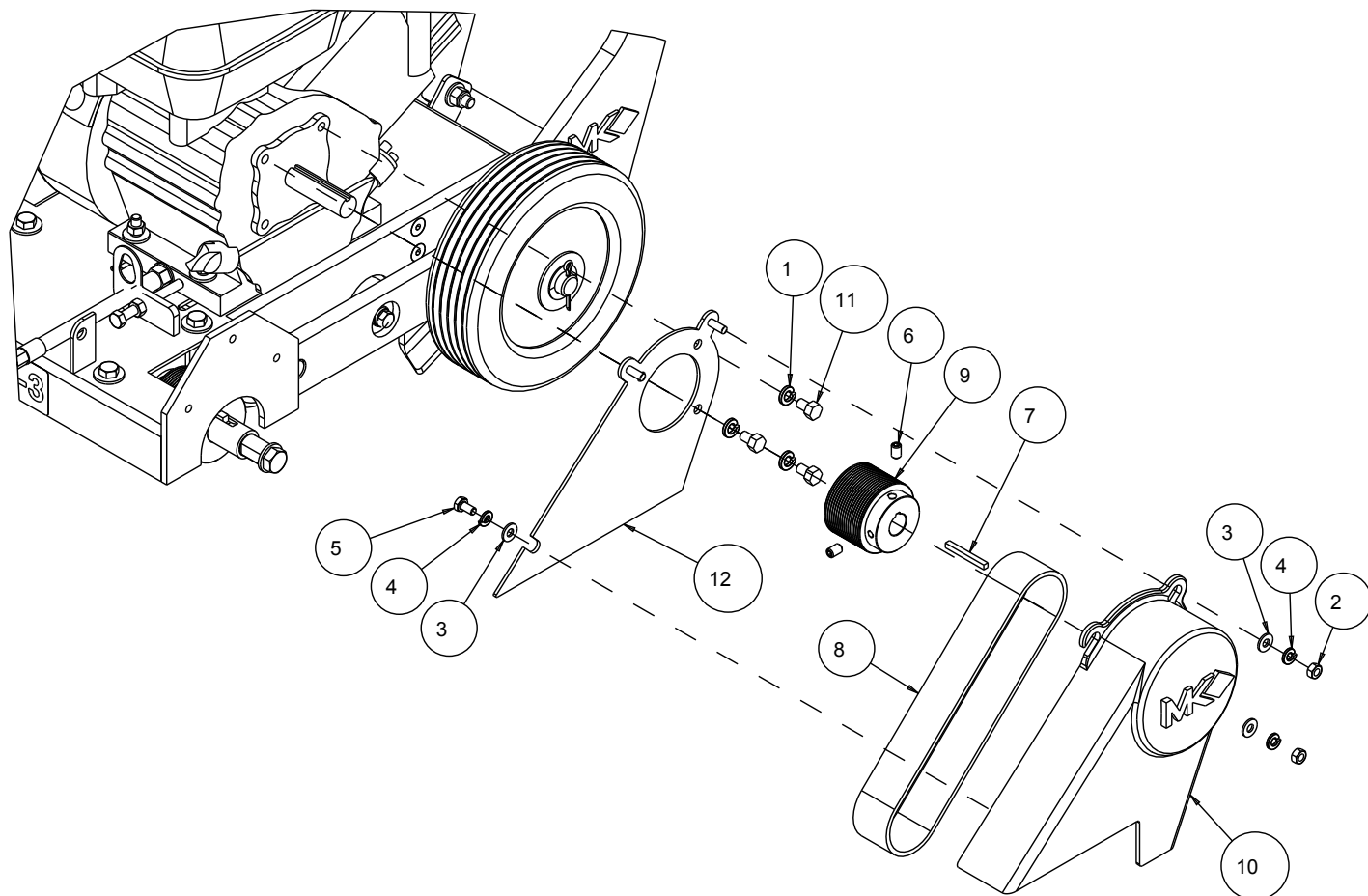


FIGURE 2 - PARTS LIST: MK-CX3 CONC SAW W/SUBARU - P/N 159346

| ITEM NO. | DESCRIPTION                          | PART #    | QTY. |
|----------|--------------------------------------|-----------|------|
| 1        | NUT, HEX, 5/16-18                    | 101196    | 5    |
| 2        | WASHER, 5/16 FLAT CUT                | 101352    | 8    |
| 3        | SCREW, 10-24 X 1/2 PAN HD            | 151744    | 2    |
| 4        | WASHER, LOCK, SPLIT, 5/16            | 151747    | 4    |
| 5        | NUT, HEX, 10 -24                     | 151749    | 2    |
| 6        | NUT, HEX, 8-23                       | 153549    | 2    |
| 7        | WASHER, #10 SAE FLAT                 | 154369    | 4    |
| 8        | HEAD, THROTTLE CONTROL               | 155406-1  | 1    |
| 9        | KNOB, THROTTLE PADDLE                | 155406-2  | 1    |
| 10       | SCREW, 5/16-18 X 2 HEX HEAD          | 155494    | 4    |
| 11       | PLUG, HOLE PLASTIC 3/4"              | 156615    | 1    |
| 12       | BOLT, 5/16-18 X 2-3/4 HEX HEAD TAP   | 156974    | 1    |
| 13       | TAG, SERIAL #, BLANK                 | 157500-RW | 1    |
| 14       | HOSE, OIL DRAIN, 14MM                | 157577-03 | 1    |
| 15       | PLATE, ENGINE BOLT                   | 157847    | 2    |
| 16       | DRIVE SCREW, #7 X 5/16 ROUND HEAD    | 157849    | 2    |
| 17       | ENGINE, SUBARU SP210                 | 159465    | 1    |
| 18       | SCREW, BTTN, ALN, CAP, #8 - 32 X 3/4 | 162557    | 2    |
| 19       | WASHER, LOCK, XT, #8                 | 163194    | 2    |
| 20       | PL-CX3 LESS ENG                      | 165974    | 1    |
| 21       | WIRE HARNESS, CX3 STD, SUBARU        | 170555    | 1    |
| 22       | ASSY, CABLE, THROTTLE, SP210 CX-3    | 170564    | 1    |

FIGURE 3 - PARTS LIST: MK-CX3 CONC SAW W/SUBARU - P/N 159346



**FIGURE 3 - PARTS LIST: MK-CX3 CONC SAW W/SUBARU - P/N 159346**

| ITEM NO. | DESCRIPTION                            | PART #. | QTY. |
|----------|----------------------------------------|---------|------|
| 1        | WASHER, 5/16 SPLIT LOCK                | 151747  | 3    |
| 2        | NUT, 1/4-20 HEX                        | 151893  | 2    |
| 3        | WASHER, 1/4 SAE FLAT                   | 151915  | 3    |
| 4        | WASHER, 1/4 SPLIT LOCK                 | 152591  | 3    |
| 5        | SCREW, 1/4-20 X 1/2 HEX HEAD           | 152608  | 1    |
| 6        | SCREW, 5/16 - 18 X 3/8 SOCKET HEAD SET | 157084  | 2    |
| 7        | KEY, 3/16 X 3/16 X 1-3/4               | 157561  | 1    |
| 8        | BELT, MICRO-V, 240J16                  | 158824  | 1    |
| 9        | PULLEY, 16J25 X .75 BORE               | 158959  | 1    |
| 10       | CASTING, BELT GUARD, CX-3 COMP         | 159021  | 1    |
| 11       | SCREW, 5/16-24 X 1/2 HEX HEAD MACHINE  | 159205  | 3    |
| 12       | GUARD, INNER BELT                      | 159250  | 1    |

FIGURE 4 - PARTS LIST: MK-CX3 LESS ENGINE - P/N 165974

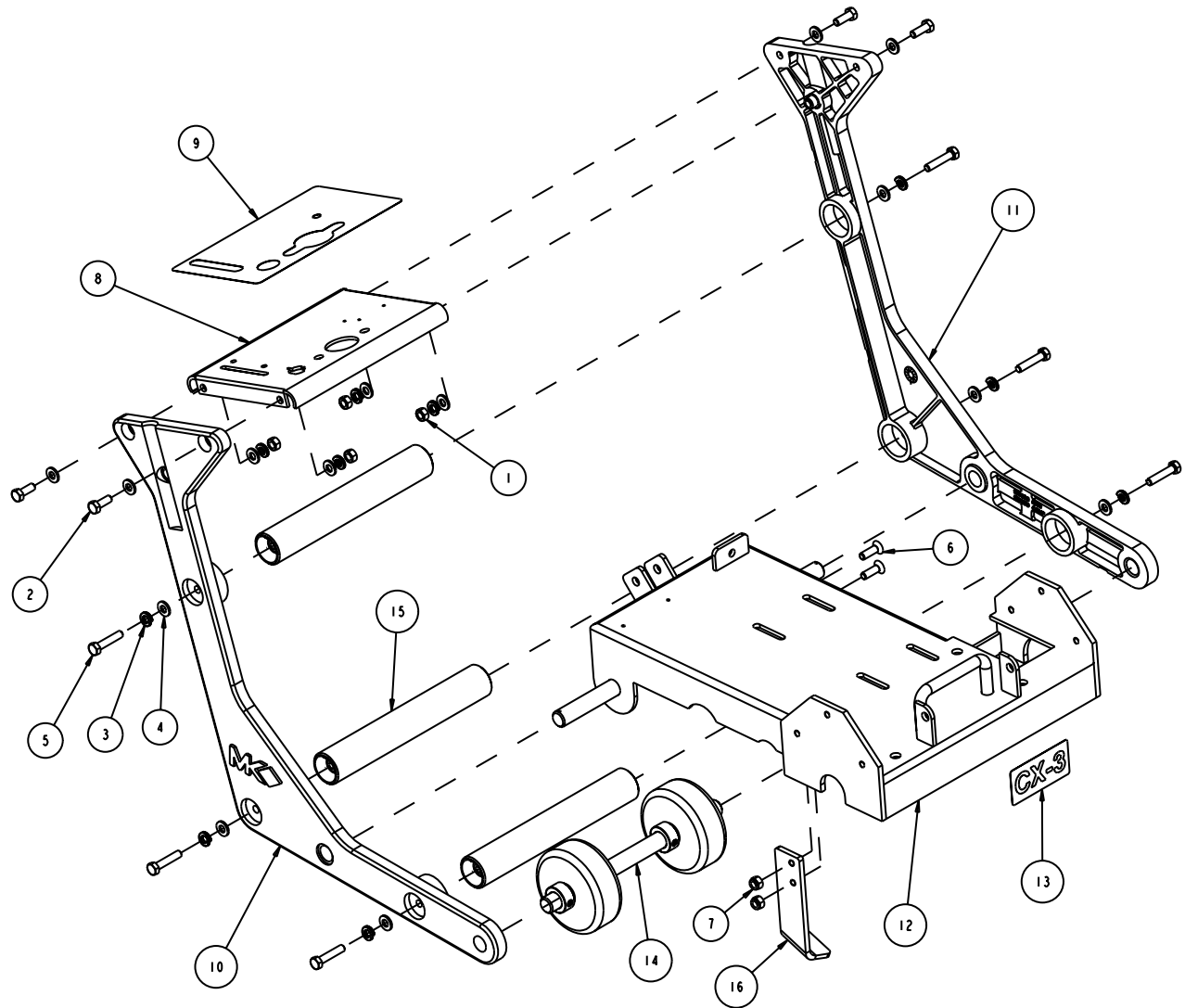


FIGURE 4 - PARTS LIST: MK-CX3 LESS ENGINE - P/N 165974

| ITEM NO. | DESCRIPTION                             | PART # | QTY. |
|----------|-----------------------------------------|--------|------|
| 1        | NUT, 5/16-18 HEX                        | 101196 | 4    |
| 2        | SCREW, 5/16-18 X 1 HEX HEAD MACHINE     | 151743 | 4    |
| 3        | WASHER, 5/16 SPLIT LOCK                 | 151747 | 10   |
| 4        | WASHER, 5/16 SAE FLAT                   | 151754 | 14   |
| 5        | SCREW, 5/16-18 X 1-1/2 HEX HEAD MACHINE | 152467 | 6    |
| 6        | SCREW, 5/16-18 X 1.0 FLAT HEAD SOCKET   | 155552 | 2    |
| 7        | NUT, 5/16-18 NYLOK HEX                  | 158289 | 2    |
| 8        | CONSOLE, FRAME                          | 158828 | 1    |
| 9        | LABEL, CONSOLE, CX3                     | 159208 | 1    |
| 10       | CASTING, FRAME, RIGHT CX3-COMP          | 159257 | 1    |
| 11       | CASTING, FRAME, LEFT CX3-COMP           | 159259 | 1    |
| 12       | TRUCK, CX3                              | 159260 | 1    |
| 13       | LABEL, CX3                              | 159482 | 1    |
| 14       | ASSY, FRONT AXLE                        | 165975 | 1    |
| 15       | ASSY, FRAME SUPPORT                     | 165978 | 3    |
| 16       | BRACKET, UP STOP                        | 165998 | 1    |

FIGURE 5 - PARTS LIST: MK-CX3 LESS ENGINE - P/N 165974

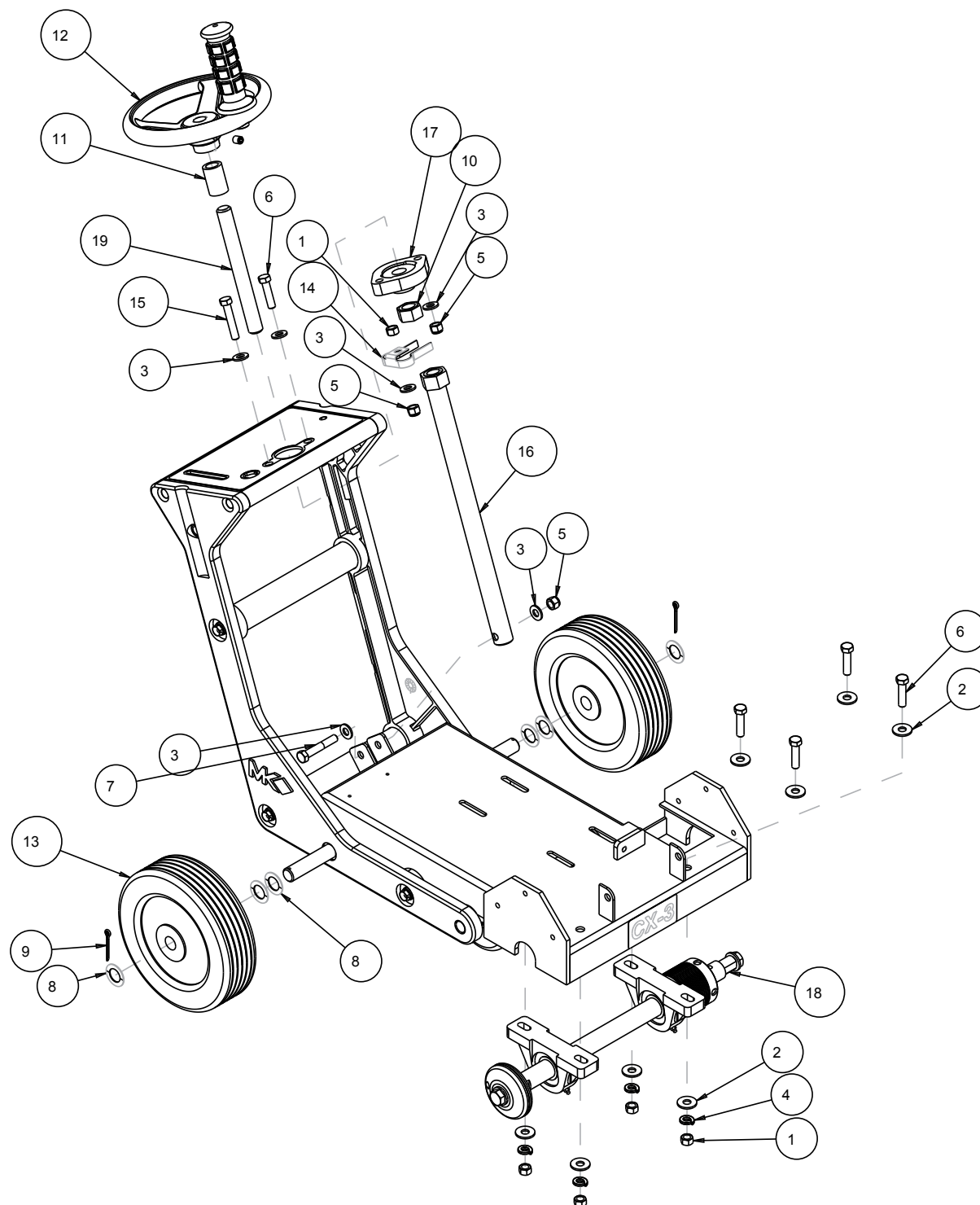


FIGURE 5 - PARTS LIST: MK-CX3 LESS ENGINE - P/N 165974

| ITEM NO. | DESCRIPTION                     | PART # | QTY. |
|----------|---------------------------------|--------|------|
| 1        | NUT, 3/8-16 HEX                 | 101188 | 5    |
| 2        | WASHER, FLAT CUT 3/8            | 101360 | 8    |
| 3        | WASHER, 3/8 SAE FLAT            | 150923 | 6    |
| 4        | WASHER, 3/8 SPLIT LOCK          | 150925 | 4    |
| 5        | NUT, 3/8-16 NYLOK HEX           | 152505 | 3    |
| 6        | SCREW, 3/8-16 X 1-1/2 HEX HEAD  | 153528 | 5    |
| 7        | SCREW, 3/8-16 X 2-1/4 HEX HEAD  | 153529 | 1    |
| 8        | SHIM, .045 THK .750 ID 1.250 OD | 153699 | 6    |
| 9        | PIN, COTTER 1/8 X 1 1/2         | 153861 | 2    |
| 10       | NUT, 3/4-10 HEX                 | 155063 | 1    |
| 11       | SPACER, DEPTH CONTROL           | 155161 | 1    |
| 12       | ASSY, CRANK WHEEL, 3/4-10       | 155457 | 1    |
| 13       | WHEEL, REAR 8"                  | 155986 | 2    |
| 14       | SPRING, DETENT                  | 156609 | 1    |
| 15       | SCREW, 3/8-16 X 2 HEX HEAD      | 156829 | 1    |
| 16       | TUBE, DEPTH CTRL, 3/4-10        | 165970 | 1    |
| 17       | BEARING, FLANGE, 3/4ID, FD204   | 165971 | 1    |
| 18       | ASSY, BLADE SHAFT               | 165977 | 1    |
| 19       | STUD, 3/4-10 X 7"               | 167980 | 1    |

FIGURE 6 - PARTS LIST: MK-CX3 LESS ENGINE - P/N 165974

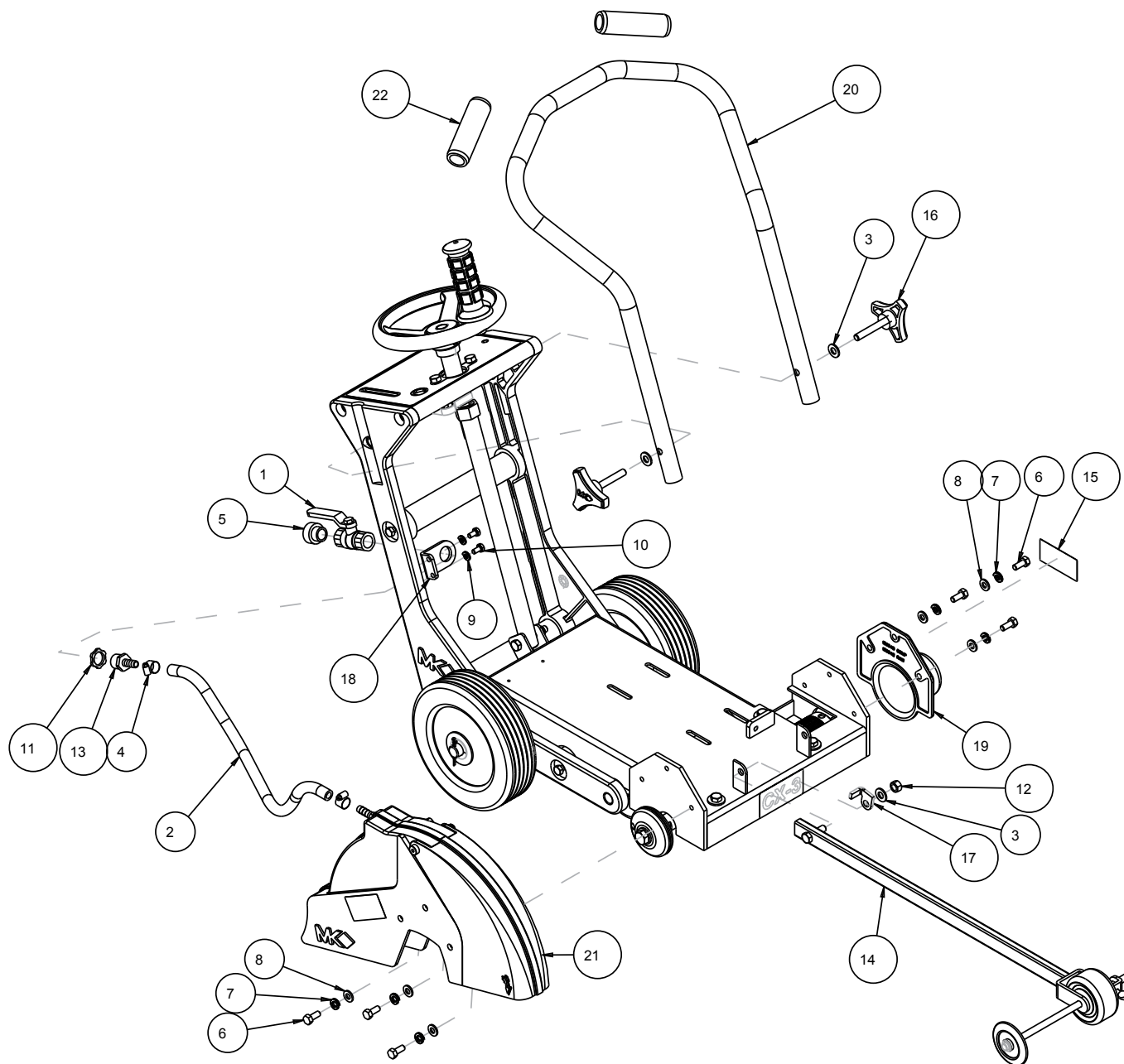
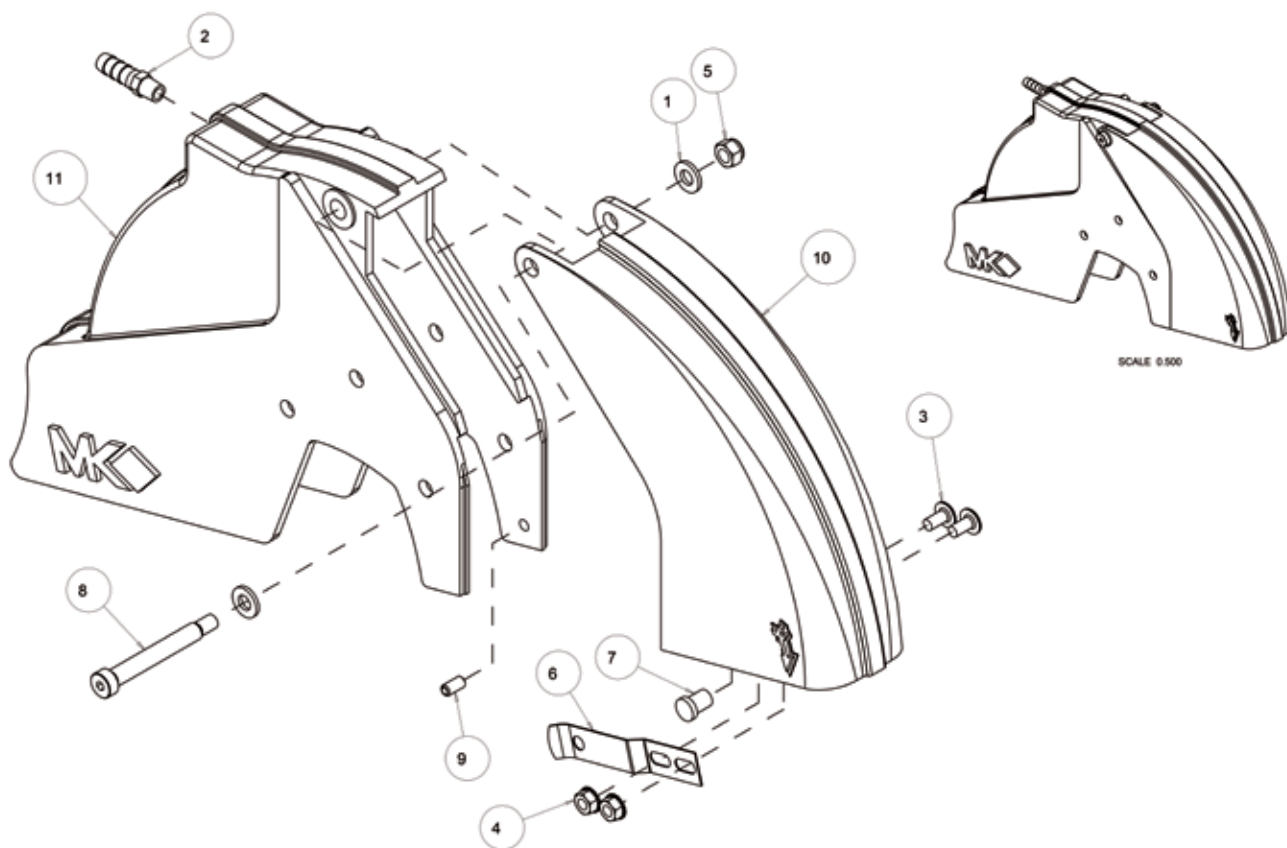


FIGURE 6 - PARTS LIST: MK-CX3 LESS ENGINE - P/N 165974

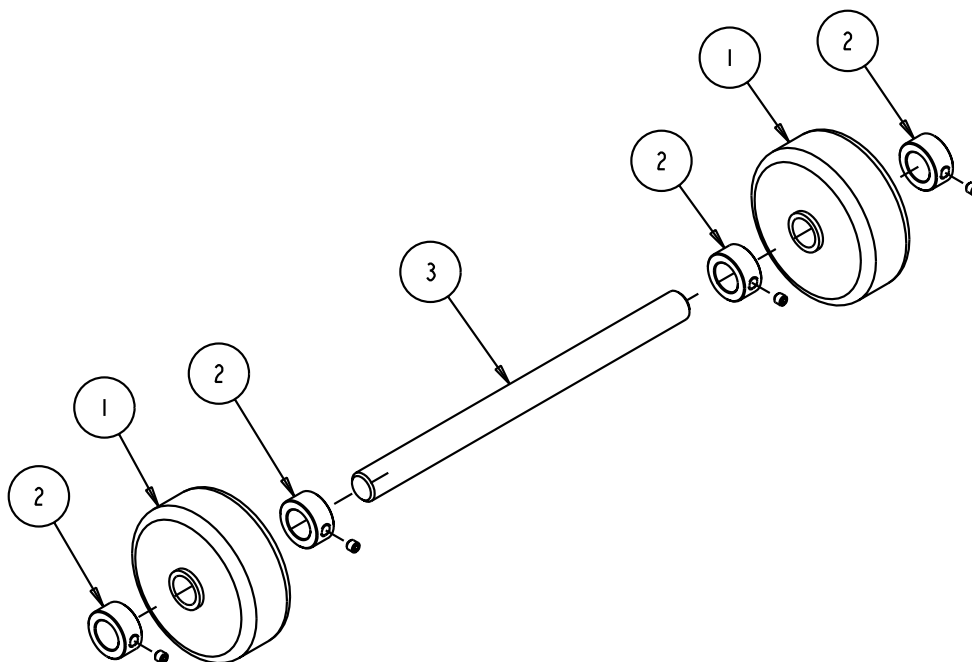
| ITEM NO. | DESCRIPTION                      | PART #    | QTY. |
|----------|----------------------------------|-----------|------|
| 1        | VALVE, BALL 1/2"                 | 150843    | 1    |
| 2        | HOSE, 3/8 X 5/8 VINYL, 30"       | 150845    | 1    |
| 3        | WASHER, 3/8 SAE FLAT             | 150923    | 3    |
| 4        | CLAMP, 5/8 HOSE                  | 151198    | 2    |
| 5        | FITTING, 1/2 MNPT X 3/4 FNH      | 151322    | 1    |
| 6        | SCREW, 5/16-18 X 3/4 HEX HEAD    | 151369    | 6    |
| 7        | WASHER, LOCK, SPLIT, 5/16        | 151747    | 6    |
| 8        | WASHER, 5/16 SAE FLAT            | 151754    | 6    |
| 9        | WASHER, 1/4 SPLIT LOCK           | 152591    | 2    |
| 10       | SCREW, 1/4-20 X 1/2 HEX HEAD     | 152608    | 2    |
| 11       | NUT, LOCK STEEL 1/2" NPT         | 152729    | 1    |
| 12       | NUT, 3/8-16 HEX CENTERLOCK       | 153522    | 1    |
| 13       | FITTING, 1/2 MNPT X 3/8 BARB     | 153653    | 1    |
| 14       | ASSY, POINTER ARM                | 155568    | 1    |
| 15       | LABEL, CAUTION, GUARDS IN PLACE  | 155587    | 1    |
| 16       | KNOB, TRI PLASTIC MK-770 2 - 1/4 | 156770-04 | 2    |
| 17       | CLIP, STOP                       | 157837    | 1    |
| 18       | BRACKET, WATER VALVE             | 158833    | 1    |
| 19       | GUARD, SHAFT (COMP)              | 158843    | 1    |
| 20       | HANDLEBAR                        | 158849    | 1    |
| 21       | ASSY, 14" BLADEGUARD             | 165976    | 1    |
| 22       | GRIP, HANDLE                     | 229413    | 2    |

FIGURE 7 - PARTS LIST: ASSY, 14" BLADEGUARD - P/N 165976



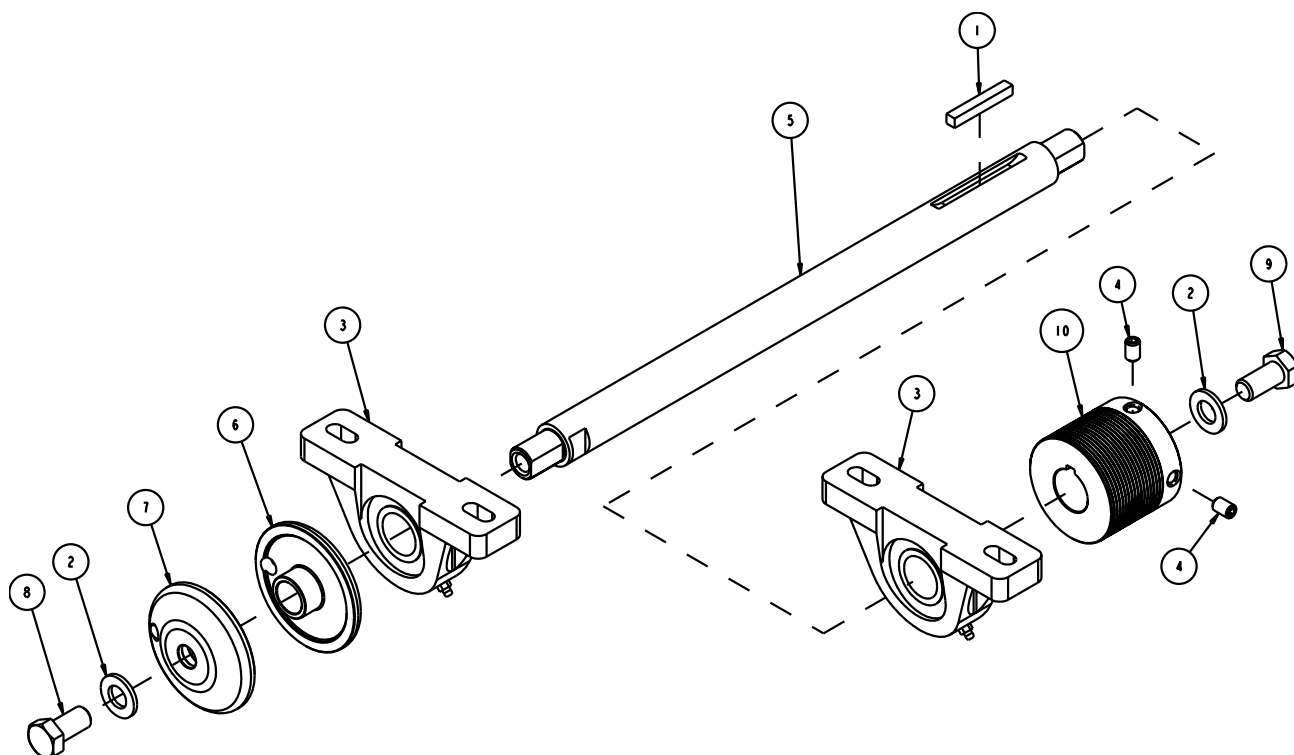
| ITEM NO. | DESCRIPTION                      | PART OR IDENTIFYING NO. | QTY. REQ. |
|----------|----------------------------------|-------------------------|-----------|
| 1        | WASHER, FLAT, SAE, 5/16          | 151754                  | 2         |
| 2        | FITTING, 1/8 MNPT X 3/8 BARB     | 152501                  | 1         |
| 3        | SCREW, 1/4-20 X 1/2 TRUSS HEAD   | 153880                  | 2         |
| 4        | NUT, HEX, TW, 1/4-20             | 153941                  | 2         |
| 5        | NUT, HEX, NYLK, 5/16-18          | 158289                  | 1         |
| 6        | LOCK, BLADE GUARD                | 159998                  | 1         |
| 7        | BUTTON, RELEASE                  | 159999                  | 1         |
| 8        | SCREW, SOC HD, SHLDR 3/8 X 2-1/2 | 160492                  | 1         |
| 9        | PIN, ROLLED 1/4 X 1/2            | 164816                  | 1         |
| 10       | CASTING, 14" BLD GRD FRONT -COMP | 158951DC                | 1         |
| 11       | CASTING, 14" BLD GRD REAR -COMP  | 159262DC                | 1         |

FIGURE 8 - PARTS LIST: ASSY, FRONT AXLE - P/N 165975



| ITEM NO. | DESCRIPTION                 | PART OR IDENTIFYING NO. | QTY. REQ. |
|----------|-----------------------------|-------------------------|-----------|
| 1        | WHEEL, FRONT, 04 X 1-1/2" W | 150830                  | 2         |
| 2        | COLLAR, SET, 3/4"           | 153814                  | 4         |
| 3        | AXLE, FRONT                 | 158862                  | 1         |

FIGURE 9 - PARTS LIST: ASSY, BLADE SHAFT - P/N 165977



| ITEM NO. | DESCRIPTION                          | PART OR IDENTIFYING NO. | QTY. REQ. |
|----------|--------------------------------------|-------------------------|-----------|
| 1        | KEY, SQUARE, 1/4 X 1-3/4             | 150796                  | 1         |
| 2        | WASHER, 1/2 SAE FLAT                 | 150924                  | 2         |
| 3        | BEARING, PILLOW BLK 1"               | 155072                  | 2         |
| 4        | SCREW, 5/16-18 X 3/8 SOCKET HEAD SET | 157084                  | 2         |
| 5        | SHAFT, BLADE                         | 158879                  | 1         |
| 6        | FLANGE, INNER                        | 158880                  | 1         |
| 7        | ASSY, FLANGE, OUTER                  | 158881                  | 1         |
| 8        | SCREW, 1/2-13 X 1 HEX HEAD CAP, LH   | 159203                  | 1         |
| 9        | SCREW, 1/2-13 X 1 HEX HEAD CAP       | 159204                  | 1         |
| 10       | PULLEY, 16J25 X 1.0 BORE             | 158470                  | 1         |

## NOTES

**ORDERING INFORMATION**

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You may order MK Diamond products through your local MK Diamond distributor or, you may order direct from MK Diamond.

When ordering direct from MK Diamond, please have the following information ready before calling:

- The Model Number of the saw
- The Serial Number of the saw
- Where the saw was purchased and when
- The Part Number for the part(s) being ordered
- The Part Description for the part(s) being ordered

**NOTE:** There is a \$25.00 minimum order when ordering direct from MK Diamond. A \$6.00 charge will be added to orders having a net billing value under \$50.00. All purchases must be made using VISA, MasterCard or American Express.

All parts may be ordered by calling toll free to – 800 421-5830 or 310 539-5221 and asking for Customer Service. For technical questions, call – 800 474-5594.

**RETURN MATERIALS POLICY**

---

To expedite the service relative to the return of a product purchased through MK Diamond, please observe the following:

**NOTE:** When returning all items, they must have been purchased within the previous twelve (12) months.

- Have the Model Number of the saw
- Have the Serial Number of the saw
- Have the location of where the saw was purchased
- Have the date when the saw was purchased
- Contact Customer Service for approval to return the item(s)
- Obtain a Returned Goods Number (RGA) authorizing the return
- Follow the packaging instructions in the following section
- Ensure your item(s) are prepaid to the destination

For returned items, call toll free to – 800 421-5830 or 310 539-5221 and ask for Customer Service. For technical questions, call – 800 474-5594 or 310 257-2845.

**PACKAGING INSTRUCTIONS**

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- Remove the Cutting Head and Support Angle Assembly
- Dry the saw before shipping
- When packing, include the following: Saw, Diamond Blade, Blade Guard and Support Angle Assembly and Adjustable Cutting Guide (Other Accessories are not required)
- Package the unit in its original container or one of comparable size (do not ship the unit partially exposed)
- Ensure all parts are secured in the packaging to prevent moving

**AUTHORIZED SERVICE CENTERS**

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For quicker repair time, you may contact MK Diamond Customer Service, toll free, at 800 421-5830 or 310 539-5221 for the Authorized Service Center closest too you or visit our web site at [www.mkdiamond.com](http://www.mkdiamond.com). For technical questions, call – 800 474-5594.

**CONTACT**

---

Please contact MK Diamond Products, Inc. Customer Service Department with any questions you might have regarding distributors, parts or service.

Telephone: **(800) 421-5830**

Fax: **(310) 539-5158**

E-mail: **Customer\_Service@MKDiamond.com**

Customer Service Hours: **Monday through Friday, 6AM-4PM PST**

**MK Diamond Products, Inc.**

**1315 Storm Parkway**

**Torrance, CA 90501**

**MK DIAMOND PRODUCTS, INC. LIMITED WARRANTY**

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MK DIAMOND PRODUCTS, INC. will guarantee every machine they build, to be free from defects in material and workmanship for (1) one year from date of purchase. The obligation of MK DIAMOND PRODUCTS, INC. under this warranty is limited to the repair or replacement of any parts which, under normal use, prove to be defective in material or workmanship. The parts involved or the unit in question should be returned to MK DIAMOND PRODUCTS, INC. or to a point designated by us, transportation prepaid.

This warranty does not obligate us to bear the cost of labor or transportation charges in connection with replacement or repair of defective parts. Likewise, it shall NOT apply to any unit which has been subjected to misuse, neglect or accident. This warranty does NOT apply to any machine which has been repaired or altered outside our factory.

This warranty does NOT obligate MK DIAMOND PRODUCTS, INC., with respect to items not of our manufacture, such as engines, motors, hydraulics, etc., which are subject to their own guarantees and warranties.

We shall in no event be liable for consequential damages or contingent liabilities arising out of failure of any equipment or parts to operate properly.

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MK Diamond may have patents, patent applications, trade marks, copyrights of other intellectual property right covering this product in this document.

This manual MUST accompany the equipment at all times. This manual is considered a permanent part of the equipment and should remain with the unit if resold.

The information and specifications included in this publication were in effect at the time of approval for printing.

## NOTES

## NOTES

**MK DIAMOND CX-3, WITH SUBARU ENGINE**  
**PARTS LIST & EXPLODED VIEWS**



**MK Diamond Products, Inc.**

MK Diamond Products, Inc.  
1315 Storm Parkway  
Torrance, CA 90501

Toll-Free: (800) 421-5830  
Phone: (310) 539-5221  
Fax: (310) 539-5158  
[www.mkdiamond.com](http://www.mkdiamond.com)