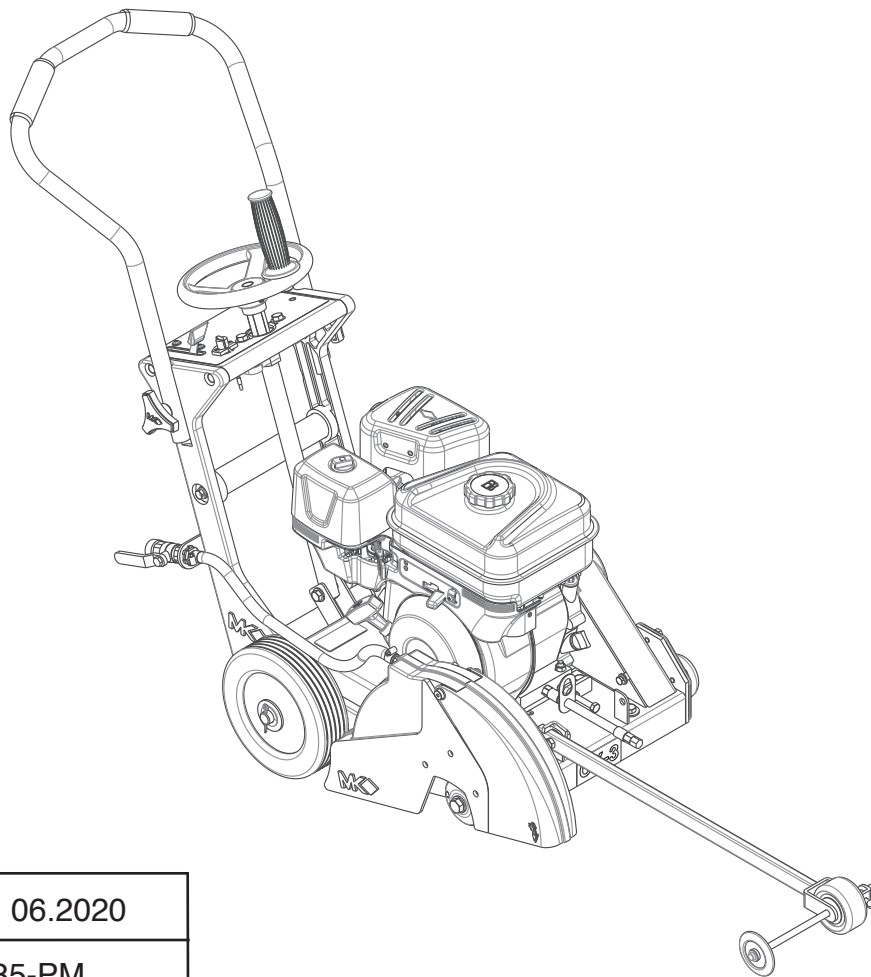


www.mkdiamond.com

MK DIAMOND CX-3[®], WITH 6.5 HP VANGUARD WALK-BEHIND CONCRETE SAW PARTS LIST & EXPLODED VIEWS



Revision 102	06.2020
Manual 169685-PM	

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

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:

MODEL NUMBER:	
SERIAL NUMBER:	
PURCHASE PLACE:	
PURCHASE DATE:	

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

WARNINGS

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.

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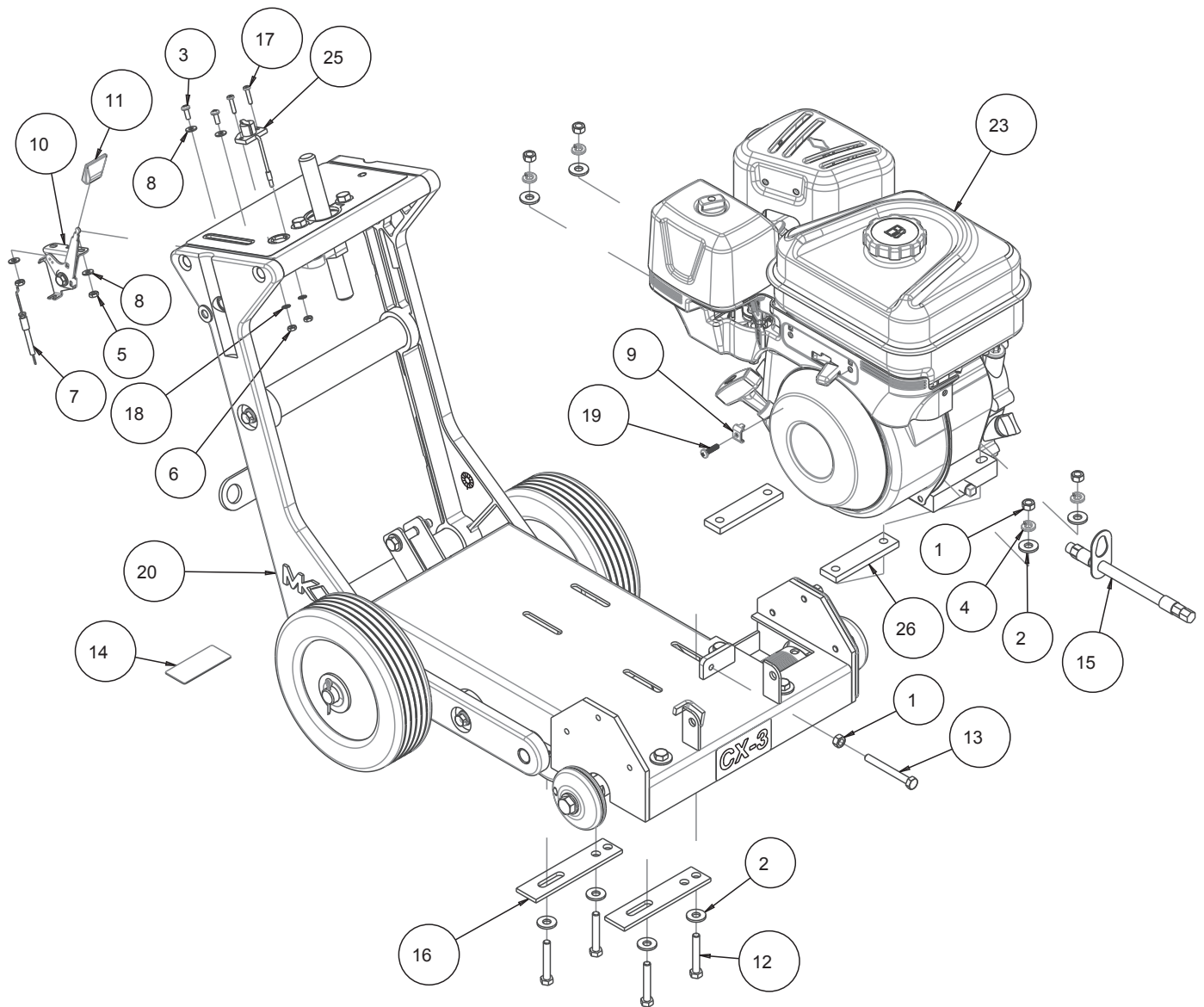


FIGURE 1 - CX3® CONC SAW W/ 6.5 HP VANGUARD - PART # 169685

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 HEAD	151744	2
4	WASHER, LOCK, SPLIT, 5/16	151747	4
5	NUT, HEX, 10 -24	151749	2
6	NUT, HEX, 8-32	153549	2
7	CABLE, 48" CONTROL (RAW)	154158	1
8	WASHER, #10 SAE FLAT	154369	4
9	CLAMP, CABLE	154383	1
10	HEAD, THROTTLE CONTROL	155406-1	1
11	KNOB, THROTTLE PADDLE	155406-2	1
12	SCREW, 5/16-18 X 2 HEX HEAD	155494	4
13	BOLT, 5/16-18 X 2-3/4 HEX HEAD TAP	156974	1
14	TAG, SERIAL NUMBER, BLANK	157500-RW	1
15	ASSY, OIL DRAIN, 12MM	157577-02	1
16	PLATE, ENGINE BOLT	157847	2
17	SCREW, BTTN, ALN, CAP, #8-32 X 3/4	162557	2
18	WASHER, LOCK, XT, #8	163194	2
19	SCREW, PAN HD, M5X20MM	164792	1
20	MK-CX3 LESS ENGINE	165974	1
21	BLADE, 12 X .125 X 1"	167018	1
22	ASSY, CARTON, CX-3 PLAIN	167348	1
23	ENGINE, VANGUARD 6.5HP	168819	1
24	WIRE HARNESS, CX3 STD, SUBARU	170555	1
25	SWITCH, ENGINE ON/OFF, SUBARU	170609	1
27	BAR, SPACER, VG 6.5HP ENGINE	172329	2

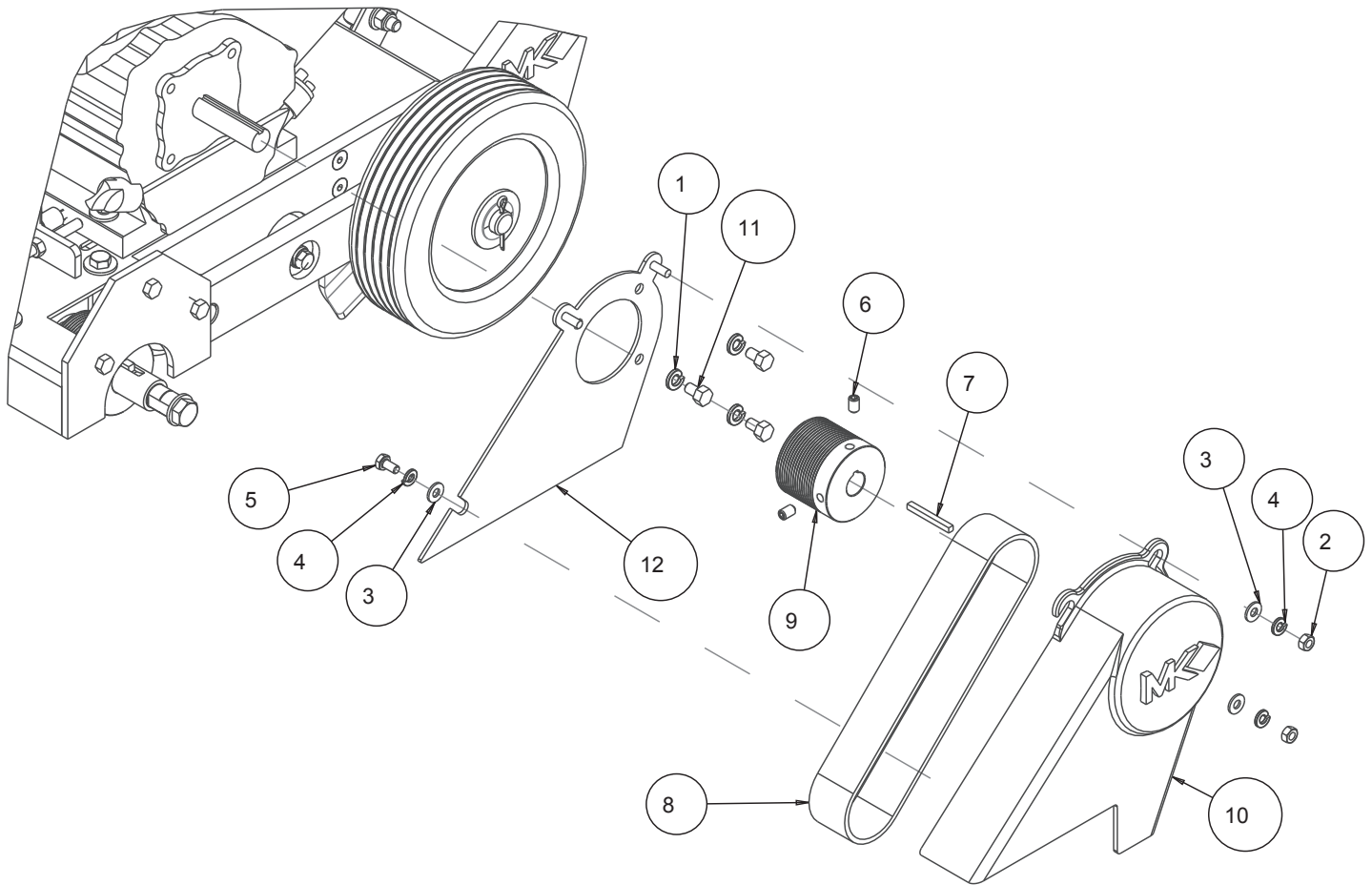
FIGURE 2 - CX3® CONC SAW W/ 6.5 HP VANGUARD - PART # 169685

FIGURE 2 - CX3® CONC SAW W/ 6.5 HP VANGUARD - PART # 169685

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, 1/4-20 X 1/2 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 3 - CX3® LESS ENGINE - PART # 165974

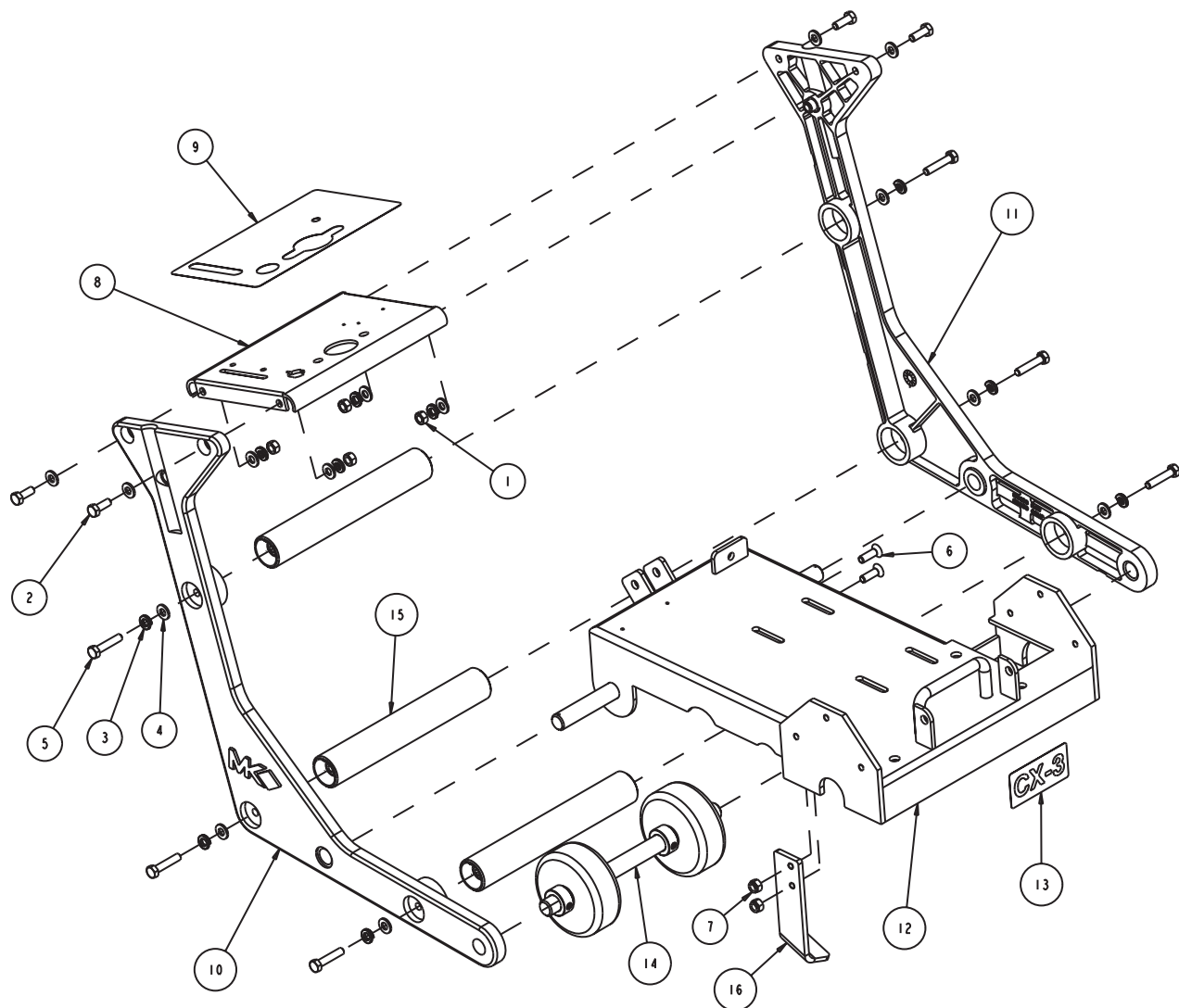


FIGURE 3 - CX3® LESS ENGINE - PART # 165974

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 4 - CX3® LESS ENGINE - PART # 165974

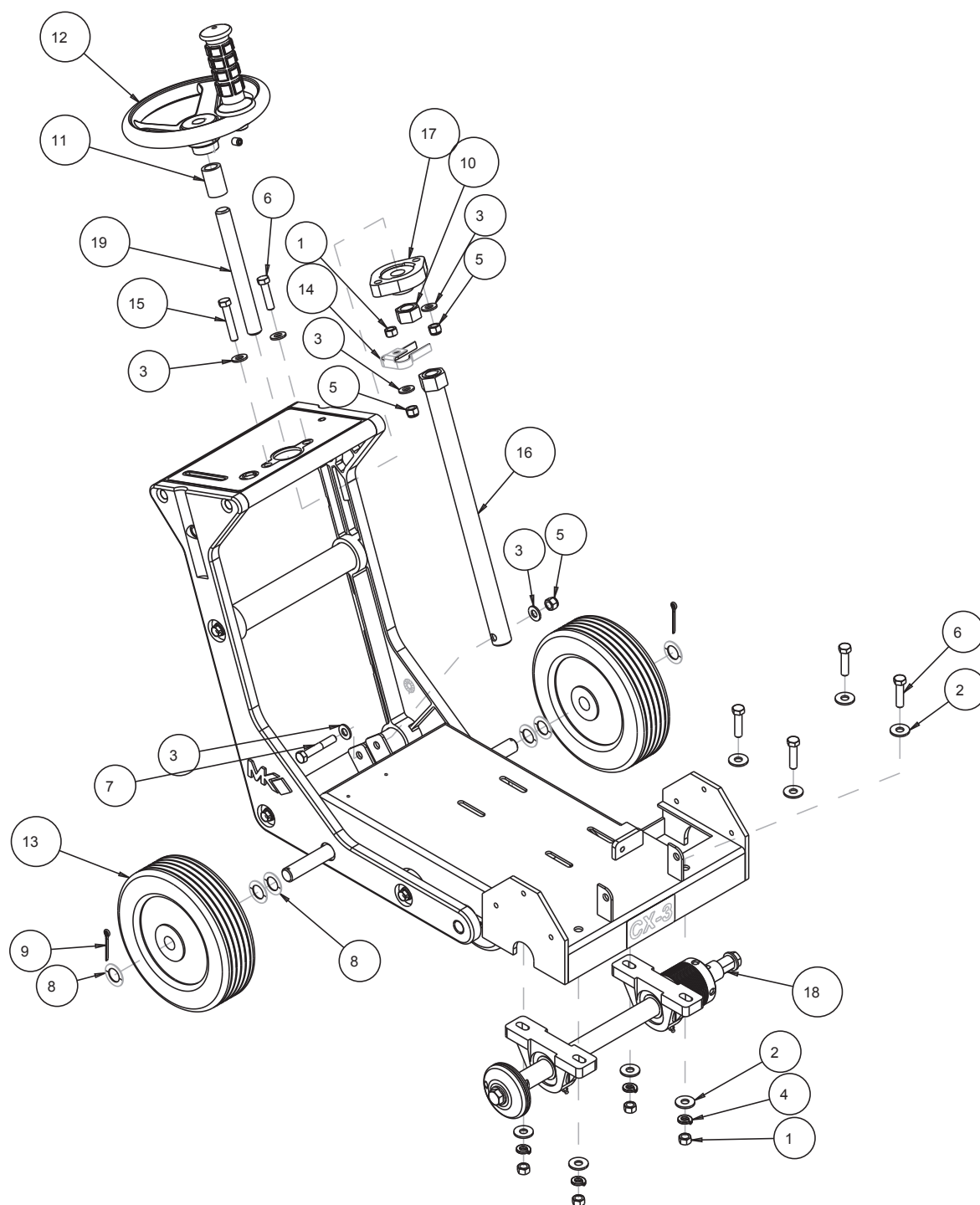


FIGURE 4 - CX3® LESS ENGINE - PART # 165974

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 5 - CX3® LESS ENGINE - PART # 165974

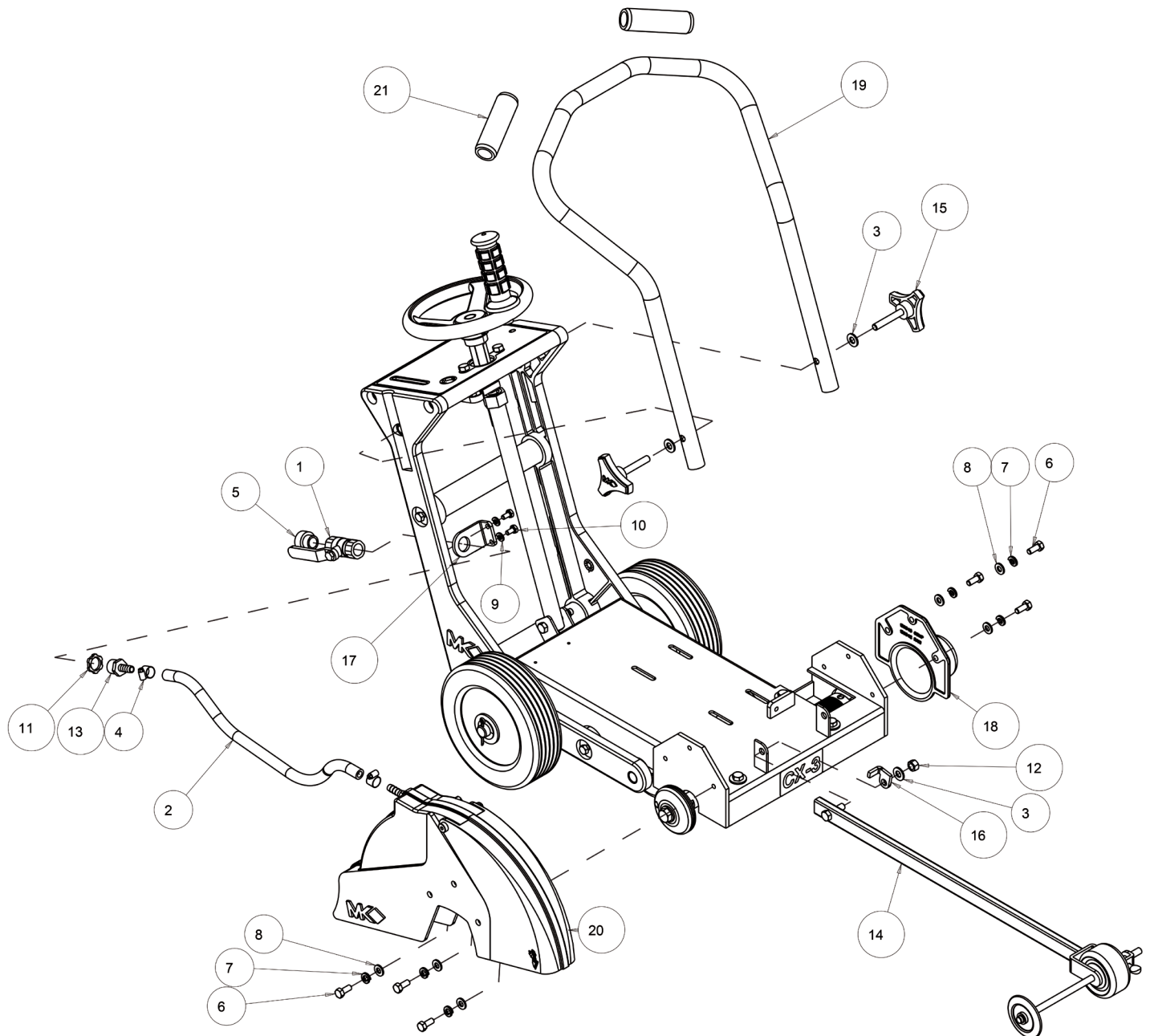
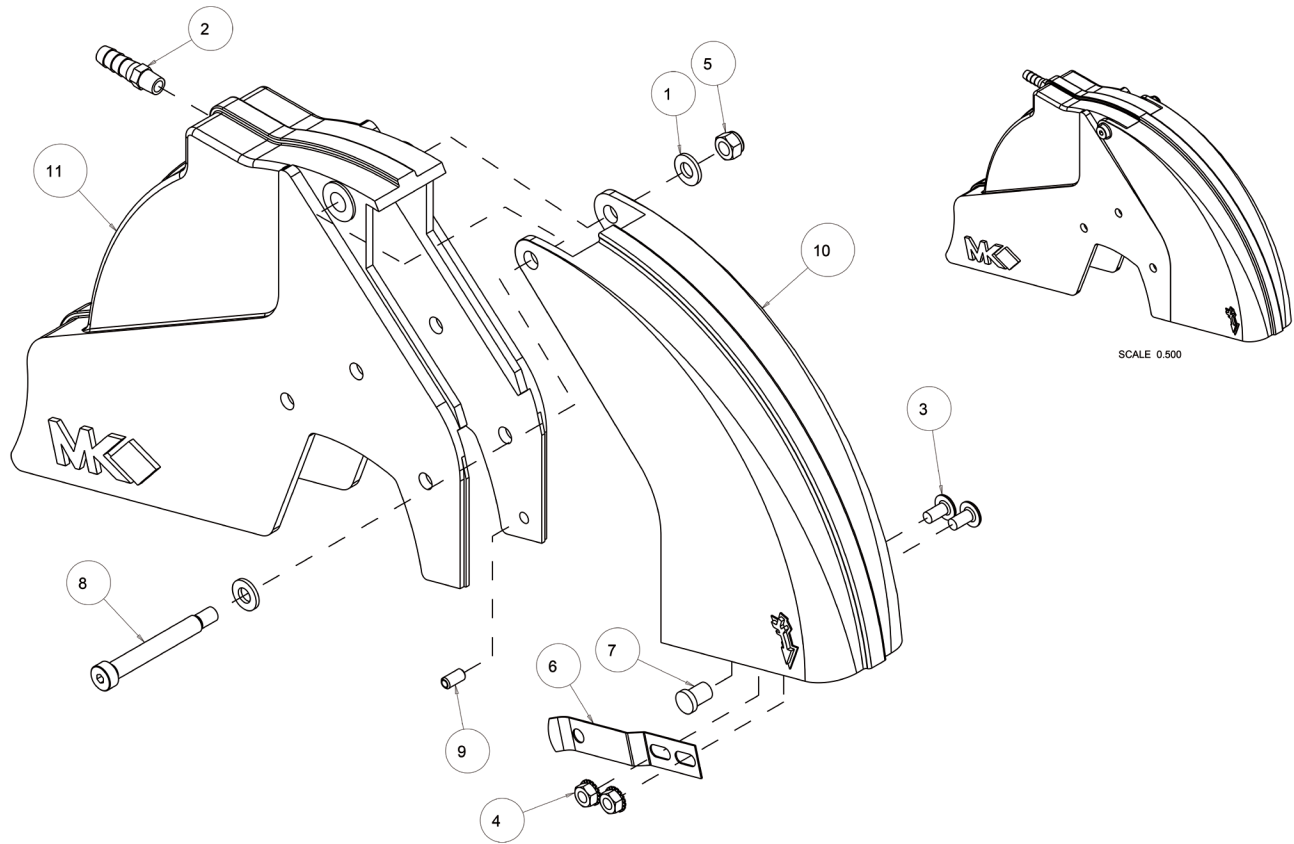


FIGURE 5 - CX3® LESS ENGINE - PART # 165974

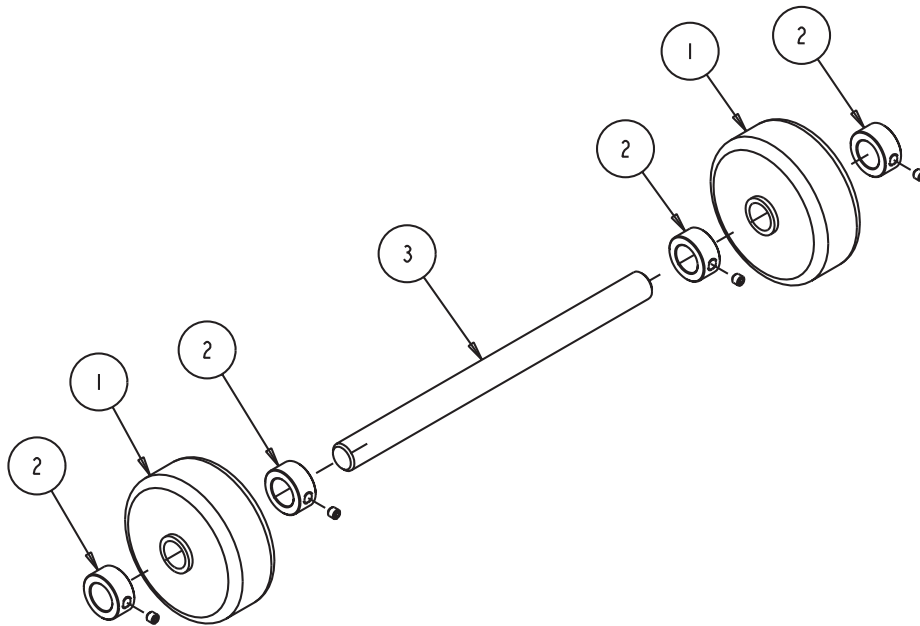
ITEM NO.	DESCRIPTION	PART #	QTY.
1	VALVE, BALL 1/2"	150843	1
2	HOSE, 3/8 X 5/8 VINYL, 30"	150845_08	1
3	WASHER, FLAT, SAE, 3/8	150923	3
4	CLAMP, HOSE, 5/8	151198	2
5	FITTING, 1/2 MNPT X 3/4 FNH	151322	1
6	SCREW, HEX HD, CAP, 5/16-18 X 3/4	151369	6
7	WASHER, LOCK, SPLIT, 5/16	151747	6
8	WASHER, FLAT, SAE, 5/16	151754	6
9	WASHER, LOCK, SPLIT, 1/4	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	KNOB, TRI PLASTIC MK-770 2-1/4	156770-04	2
16	CLIP, STOP	157837	1
17	BRACKET, WATER VALVE	158833	1
18	GUARD, SHAFT (COMP)	158843	1
19	HANDLEBAR	158849	1
20	ASSY, 14" BLADEGUARD	165976	1
21	GRIP, HANDLE	229413	2

FIGURE 6 - ASSY, 14" BLADEGUARD - PART # 165976



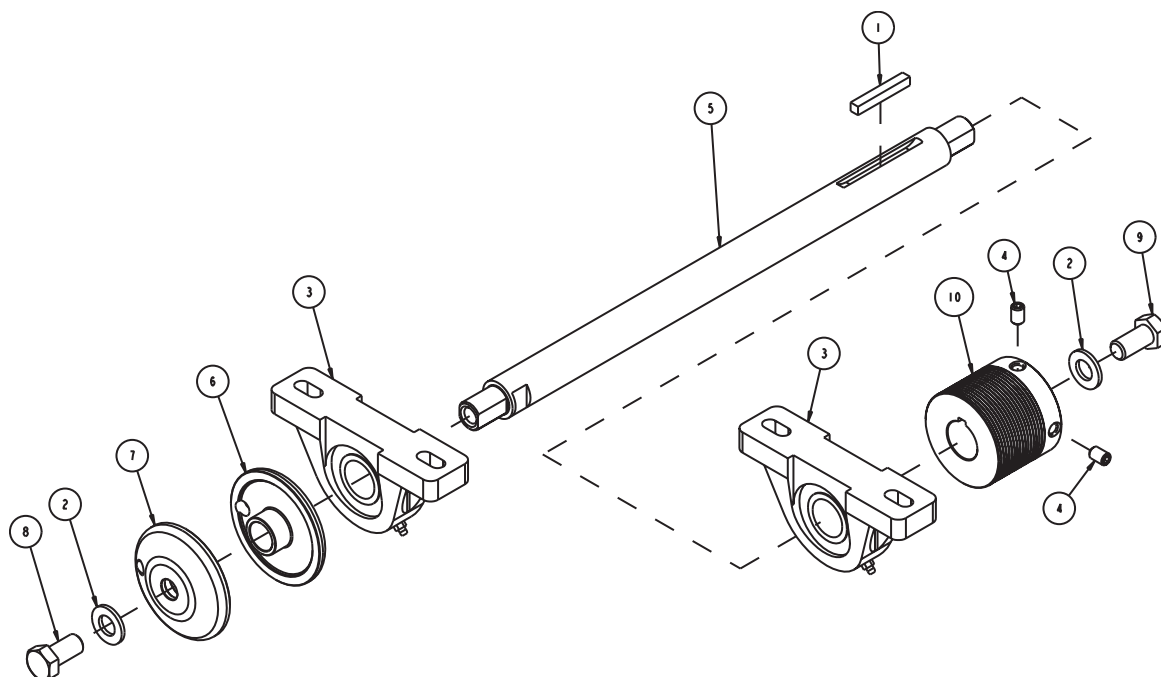
ITEM NO.	DESCRIPTION	PART OR IDENTIFYING NO.	QTY. REQ.
1	WASHER, FLAT, SAE, 5/16	151754	2
2	FITTING, 1/8 MNPT X 3/8 BARB	152501	1
3	SCREW, 1/4-20 X 1/2 TRUSS HEAD	153880	2
4	NUT, HEX, TW, 1/4-20	153941	2
5	NUT, HEX, NYLK, 5/16-18	158289	1
6	LOCK, BLADE GUARD	159998	1
7	BUTTON, RELEASE	159999	1
8	SCREW, 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 7 - ASSY, FRONT AXLE - PART # 165975



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

FIGURE 8 - ASSY, BLADE SHAFT - PART # 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

NOTES

NOTES

MK DIAMOND CX3[®], WITH VANGUARD 6.5 HP ENGINE
PARTS LIST & EXPLODED VIEWS



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