

Predator Series Grinder

P800E



Page intentionally left blank.

www.BartellGlobal.com

CANADA

**170 Traders Blvd E
Mississauga, Ontario L4Z 1W7
TEL (647) 953-4100 FAX (647) 953-4101**

KENTUCKY

**4701 Allmond Ave
Louisville, Kentucky 40209
TEL (425) 405-9100 FAX (425) 405-9101**

UK

**Honeyholes Lane
Dunholme, Lincoln, UK LN2 3SU
TEL 01673 860709 FAX 01673 861119**

NEW JERSEY

**200 Commerce Drive, Unit A
Freehold, New Jersey 07728
TEL (848) 225-8100 FAX (848) 225-8101**

**ORIGINAL LANGUAGE OPERATING MANUAL FOR
BARTELL GRINDERS**

© 2022 Bartell Global Inc.

No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, or by any information storage or retrieval system without the prior written permission of Bartell Morrison Inc. unless such copying is permitted by federal copyright laws.

ADDRESS INQUIRIES OR REFERENCE PERMISSIONS CARE OF:

Bartell Global, 170 Traders Blvd E., Mississauga, Ontario, Canada, L4Z 1W7

REV.	DATE	DESCRIPTION	APPROVED BY:
A	1/5/2023	Initial Release	JHL
C	6/17/2026	All parts pages updated and 800PRO pages removed	JHL

SAFETY PRECAUTIONS



DANGER

EXPLOSION HAZARD

Never operate the machine in an explosive atmosphere, near combustible materials, or where ventilation does not clear exhaust fumes.



WARNING

BURN HAZARD

Never come into contact with the engine or muffler when engine is operating or shortly after it is turned off. Serious burns may occur.



WARNING

ROTATING HAZARD

Never place hands or feet inside safety guard rings. Serious injury will result from contact with rotating blades.



CAUTION

MOVING PARTS

Before starting the machine, ensure that all guards and safety devices are in place and functioning properly.



ATTENTION

READ OWNER'S MANUAL

Read and understand owner's manual before using this machine. Failure to follow operating instructions could result in serious injury or death.

TABLE OF CONTENTS

INTRODUCTION	6
WARRANTY INFORMATION	7
SPECIFICATIONS	8
SAFETY PRECAUTIONS	9
TRANSPORTATION	10
TOOLING INSTALLATION	17
PREVENTATIVE MAINTENANCE AND ROUTINE SERVICE PLAN	20
○ ROUTINE SERVICE SCHEDULE	21
○ ROUTINE SERVICE INTERVALS	22
MAINTENANCE INSTRUCTIONS	23
○ GENERAL MAINTENANCE	23
TROUBLESHOOTING 800E	24
PARTS	26
○ 98-0054 - PREDATOR P800E GRINDER - C	26
○ 96-0756 - PREDATOR P800E GRINDER ASSEMBLY - H	27
○ 96-0750 - FRAME ASSEMBLY – 800 - D	28
○ 96-0725 - HANDLE ASSEMBLY – 650 AND 800 - G	30
○ 96-0720 - BG HANDLE – 650 AND 800 - C	32
○ 96-0788 - SWITCH PANEL – 650E AND 800E - G	33
○ 96-0745 - SWING WEIGHT ASSEMBLY RIGHT – 800 - E	34
○ 96-0740 - SWING WEIGHT ASSEMBLY LEFT – 800 - E	35
○ 96-0469 - SWING WEIGHT BUSHING ASSEMBLY - B	36
○ 96-0609 DRUM MOTOR SUB ASSEM 800E - A	37
○ 96-0751 - DRUM ASSEMBLY – 800 - C	38
○ BG.80210.01 – DRUM ASSEMBLY, BASE /PDG8K	39
○ BG.8A020.00 – 8K DRUM SUB ASSEMBLY	41
○ BG.8A007.60 – SUBASSEM, MAIN BELT SPINDLE	43
○ BG.8A008.00 – SUBASSEM, PLANETARY	44
○ BG.8A009.00 – SUBASSEM, PTO	45
○ BG.8A006.12 – SUBASSEM, MAIN BELT IDLER 6207	46
○ BG.8A005.11 – SUBASSEM, BELT TIGHTENER	47
○ BG.8A021.00 – 8K TOP DRUM SUB ASSEMBLY	49
○ BG.2A001.10 – PTO TENSIONER SUBASSEMBLY, 6K/8K	51
○ BG.8A004.10 – SUBASSEM, TOP TENSIONER	52
○ BG.8A003.10 – SUBASSEM, TOP BELT IDLER	53
○ BG.8A002.00 – SUBASSEM, INTERMEDIATE SHEAVE	54
○ BG.8A001.10 – SUBASSEM, DRUM SHEAVE	55

○	BG.8A010.85 - FLEX HEAD – 800	56
○	96-0780 - TOOLING TRIANGLE ASSEMBLY – 800 - A	57
○	96-0781 - METAL TOOLING KIT – 800 - B	58
○	96-0782 RESIN TOOLING PLATE ASSEMBLY 3IN 800 – A	59
○	96-0456 – TOOLING WRENCH	60
○	24-0209 – WIRING HARNESS 800E/650E	61
<u>BELT TENSIONS</u>		<u>62</u>

INTRODUCTION

The Predator Series Planetary Diamond Grinders are designed for wet and dry grinding of Concrete, marble, terrazzo, and granite. Their applications range from rough grinding and coating removal through a polished finish.

This Manual contains the information and procedures to assist you to operate and maintain the P800E floor grinder safely and correctly.

- P800E – 800mm Wide, Electrically Powered Planetary Grinder

It is extremely important for all users to be familiar with the contents of the manual before commencing operation of either machine. Failure to do so may result in damage to the machine or expose the operator to unnecessary dangers that may cause injury/death.

Only staff that has received the necessary training, both practically and theoretically concerning their usage should operate the machines

WARRANTY INFORMATION

All grinders sold by Bartell Morrison Inc. are warranted against defects in materials and/or workmanship; excluding normal wear on wearing components and components covered by a separate original manufacturer's warranty, for a period of 12 months from the date of sale to the original end user purchaser provided that certain conditions have been met.

Conditions:

1. The equipment serial number has been registered with Bartell Morrison Inc. or its approved dealers, distributors, representatives, or agents.
2. The equipment has been operated in an appropriate manner by qualified individuals.
3. The equipment has been properly maintained as per the instructions included in the Owner's Manual.
4. All claims for warranty must be filed on proper forms and include the serial number of the equipment along with proof of purchase.

Any evidence of failure to meet these conditions may result in a denial of the warranty claim. Consideration of warranty claims will be at the sole discretion of Bartell Morrison Inc., or its authorized dealers, distributors, representatives, or agents. Bartell Morrison Inc. may, at its discretion, request that the equipment to be considered for warranty be returned at the owner's expense to an authorized repair facility for inspection. Under this warranty we may, at our discretion, repair or replace a part or the whole of the defective component or equipment. Our Warranty coverage is limited to the cost to repair or replace the defective portion of the equipment and a reasonable (as determined by Bartell Morrison Inc.) amount of labor to conduct the repair or replacement. Under no circumstances shall Bartell Morrison Inc. be liable for any additional or exceptional costs beyond the cost to repair or replace the defective portion of the equipment. Bartell Morrison Inc. shall not be held accountable for; costs associated with travel to inspect or repair defective equipment, costs for transporting defective equipment to or from an authorized repair facility, costs incurred to repair or replace the defective equipment at any facility other than one authorized by Bartell Morrison Inc., or ancillary damage caused by or because of the defective equipment. Under no circumstances shall equipment be returned to Bartell Morrison Inc. or its authorized dealers, distributors, representatives, or agents without the approval of Bartell Morrison Inc. as evidenced by a Returned Goods Number. To obtain a Returned Goods Number contact the factory or your authorized dealer, distributor, representative or agent. This warranty is for the sole benefit of the original end user purchaser and is not transferable to any other company or person.

SPECIFICATIONS

	P500E	P500Pro	P650E	P650Pro	P800E	P800Pro
Source	Electric	Propane	Electric	Propane	Electric	Propane
Power	230V, 60 Hz, 1 Phase	479cc Briggs & Stratton	230V, 60 Hz, 1 Phase 230V, 60 Hz, 3 Phase 460V, 60 Hz, 3 Phase	993 cc Briggs and Stratton Commercial	230V, 60 Hz, 3 Phase 460V, 60 Hz, 3 Phase	993 cc Briggs and Stratton Vanguard
Output - HP (kW)	7.5 HP (3.7 kW) – 230V	16 HP (11.9 kW)	10 HP (7.5 kW) – 460V 7.5 HP (5.6 kW) – 230V	27 HP (14.1 kW)	20 HP (15 kW)	35 HP (26 kW)
Variable Head Speed - RPM	850-2000 rpm	850-2000 rpm	1012	1012	890	890
Grinding Heads	3	3	3	3	3	3
Head Diameter	7" (178mm)	7" (178mm)	9" (228.6mm)	9" (228.6mm)	11" (279.4 mm)	11" (279.4 mm)
Grinding Width	20" (508mm)	20" (508mm)	25" (625mm)	25" (625mm)	30" (762 mm)	30" (762 mm)
Water Tank Capacity	4 gal (15 L)	4 gal (15 L)	7.5 gal (28 L)	7.5 gal (28 L)	12.5 gal (47 L)	12.5 gal (47 L)
Vacuum Port	2" (51mm)	2" (51mm)	3" (75.6mm)	3" (75.6mm)	3" (75.6mm)	3" (75.6mm)
Machine Weight (lbs)	445 lbs (202 kg)	490 lbs (222 kg)	873 lbs (395 kg)	775 lbs (351 kg)	1254 lbs (568 kg)	1309 lbs (593 kg)
Grinding Force (lbs)	260 lbs (118 kg)	300 lbs (136 kg)	639 lbs (289 kg)	565 lbs (256 kg)	877 lbs (397 kg)	916 lbs (415 kg)
Max Height	68.5" (1741 mm)	68.5" (1741 mm)	76" (1930 mm)	76" (1930 mm)	82.3" (2092 mm)	82.3" (2092 mm)
(Handle Up)						
Min Height	42" (1067 mm)	42" (1067 mm)	44" (1118 mm)	44" (1118 mm)	51.5" (1310 mm)	51.5" (1310 mm)
(Handle Down)						
Min Length - in (mm)	44" (1118 mm)	44" (1118 mm)	52" (1321 mm)	52" (1321 mm)	68.5" (1740 mm)	68.5" (1740 mm)
(Handle and Weights forward)						
Max Length - in (mm)	67.5" (1714 mm)	67.5" (1714 mm)	83" (2108 mm)	83" (2108 mm)	92.3" (2345 mm)	92.3" (2345 mm)
(Handle and weights Back)						
Width - in (mm)	23.5" (597 mm)	23.5" (597 mm)	26" (660 mm)	26" (660 mm)	31.6" (800 mm)	31.6" (800 mm)

SAFETY PRECAUTIONS

It is important that the following be read carefully in order that the operational performance of the Bartell Grinder be fully understood.

SAFETY PRECAUTIONS

- Always keep unauthorized, inexperienced, untrained people away from this machine.
- Rotating and moving parts will cause injury if contacted. Make sure guards are in place. Keep hands and feet away from moving parts.
- The engine must always be electrically disconnected from the source before attempting any repair or adjustments. Ignition key should be off.

Danger: Never operate the machine in an explosive atmosphere, near combustible materials or where ventilation does not clear exhaust fumes. Refer to your engine owner's manual for more safety instructions.

- Always maintain control of the machine while it is in operation. Never let go of the machine while drum is rotating.
- Be sure that the RPM's do not exceed 2000 when starting and stopping the drum rotation.
- Be careful with the grinder around stub pipes or other obstructions on the floor. Should the machine catch, or hit such an obstruction, serious damage may result to the machine, or operator to be injured.
- At no time should lifting of machinery be attempted without mechanical means such as a hoist or a forklift.
- When lifting the grinder, only use specified connection points.
- When securing the grinder for transport, only use specified connection points.
- The machine should not be started without the rubber dust skirt attached. It is essential a good seal between floor and machine be established for safety, especially when operating in dry grinding applications.
- Extreme caution must be used when moving machinery by hand on an inclined plane. Even the slightest slope can cause forces/ momentum making the machinery impossible to brake manually.
- Never use the machine if you are tired, if you have consumed any alcohol, or if you are taking medication that could affect your vision, your judgment or your coordination.
- Never use a machine that has been modified in any way from its original specification.

Transportation

The Predator Series Grinders are equipped with 3rd Transport wheel.

To use 3rd Transport Wheel.

1. Rotate swing weights to rear position by pulling ball handle to release pin.



2. Rotate handle in most vertical position.
3. Place one foot on swing weight and pull machine back until 3rd wheel is contacting ground.



4. Rotate handle to new vertical position



5. Pull swing weights up to the first locking position.



6. Grinder is now ready to roll.

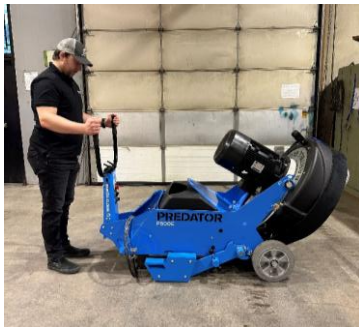


To return the grinder back to grinding position.

1. Release swing weights to the ground.

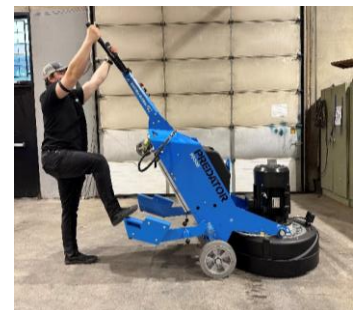


2. Rotate Handle to horizontal position.



3. Confirm no people or objects are under the grinder.

4. Pick up handle while placing one foot on the swing weights at the grinder rotates up.



5. Rotate Handle to comfortable operating position.



6. Rotate swing weights to desired grinding position.



To lift grinder with a hoist.

1. Grinder should be in grinding position.
2. Swing weights should be rotated down nearest to the drum.
3. Rotate Handle in horizontal position.



4. Locate marked single Lifting point behind motor/engine.
 - a. Do not use any other points of lifting.



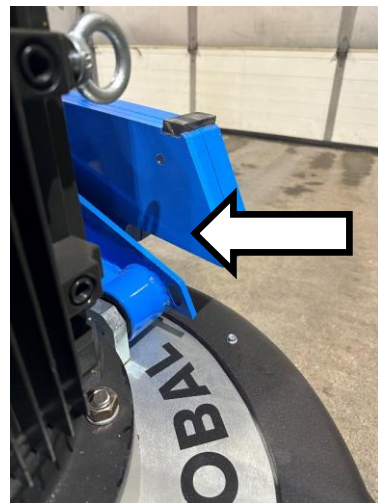
5. Only use OSHA/non-damaged certified lifting equipment

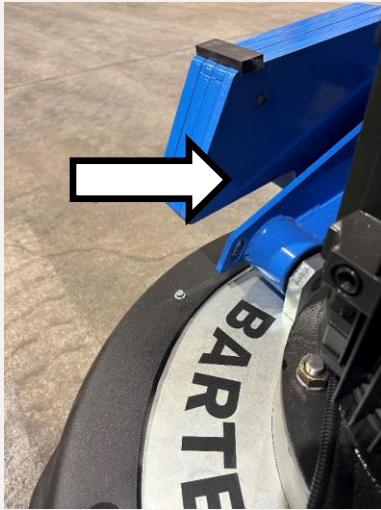
To secure machine for transport

1. Grinder should be in grinding position.
2. Swing weights should be rotated down nearest to the drum.
3. Rotate Handle in a horizontal position.

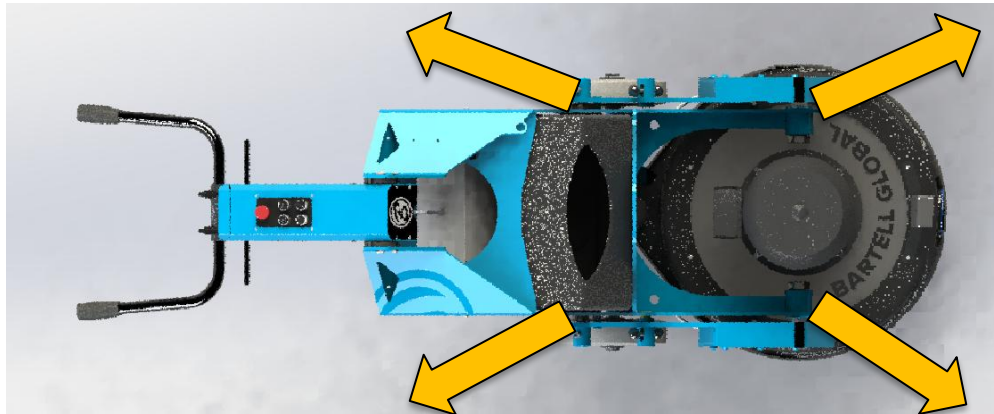


4. Locate 4 marked tie down points
 - a. Do not use any other tie down points.





5. Only use DOT certified ratcheting straps based on the weight of the grinder.
 - a. Do not use chains for securing machine



Tooling Installation

The Predator Series Grinders come equipped with quick change tooling system. This allows operators to quickly change grits or types of diamond tooling.

To install/change tooling plates on machine.

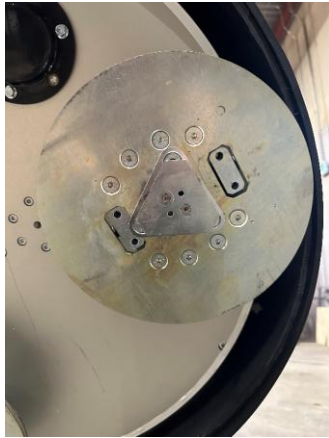
1. Rotate swing weights to rear position by pulling ball handle to release pin.



2. Rotate handle in most vertical position.
3. Place one foot on swing weight and pull machine back until 3rd wheel is contacting ground.



1. Install/change tooling plates by rotating the triangle in the center of each head.
 - a. 3 optional screws can be used to fix the tooling plates to the grinder.
 - b. Caution Tooling and tooling plates can be hot. Always use correct PPE.



- a. Same method for metal or resin plates



- b. 3 optional screws can be used to fix the tooling plates to the grinder.
c. Caution Tooling and tooling plates can be hot. Always use correct PPE.
d. Resin Tooling is in

2. Install/slide Mag by sliding tooling into grooves.
 - a. Use rubber mallet to tap tooling in and out of place.



Note: It is recommended not to transport machines with tooling plates installed, unless using optional transport screws.

3. Install resin tooling by attaching with Velcro



Date Purchased:		Type of Machine:	
Dealer Name:		Model:	
Dealer Phone:		Serial Number:	

20

ROUTINE SERVICE SCHEDULE

Routine Service Intervals		Each Use	After 1.5 months or 50 hrs	Each 3 months or 100 hrs	Each 6 months or 200 hrs	Each 9 months or 300 hrs	Each 12 months or 400 hrs
General Inspection							
Operation of lights	Check		0	0	0	0	0
Battery	Check and clean			0	0	0	0
	Recharge			0	0	0	0
	Replace						2 yrs
Guards	Check	0	0	0	0	0	0
Warning Stickers	Check		0	0	0	0	0
Swing Weight Function	Check	0	0	0	0	0	0
Test Run	Check Operation		0	0	0	0	0
Controls							
Safety switch operation	Check	0	0	0	0	0	0

Routine Service Intervals		Each Use	After 1.5 months or 50 hrs	Each 3 months or 100 hrs	Each 6 months or 200 hrs	Each 9 months or 300 hrs	Each 12 months or 400 hrs
Drive Train:							
Bearings	Lubricate		0	0	0	0	0
Universal Couplings	Lubricate			0	0	0	0
Belt Tension/ Condition	Check	0	0	0	0	0	0
Clutch/ Pulley Operation	Check	0	0	0	0	0	0

ROUTINE SERVICE INTERVALS

Due to the nature and environment of use, grinders are exposed to severe operating conditions.

Some general maintenance guidelines will extend the useful life of your grinder:

- The initial service for your grinder should be performed after 50 hours of use, at which time your mechanic (or authorized repair shop) should complete all of the recommended checks in the schedule above. The previous chart is handy for keeping a record of the maintenance performed and the parts used for servicing your grinder.
- Regular service according to the schedule above will prolong the life of the grinder and prevent expensive repairs.
- After each use, your grinder should be cleaned to remove any concrete residue from the drum, flex heads and surrounding components. Use of a power washer will make clean up quick and easy, especially if a release agent was applied prior to use. Use caution to not wet any electrical components. Refer to engine supplier manual on pressure washing guidelines.
- In the Service Schedule above, items that should be checked, replaced or adjusted are indicated by “o” in the appropriate column. Not all grinder models include the same features and options and as such not all service operations may have to be performed. For ease of recording, place a checkmark (✓) through the “o” when the item is complete. If an item is not required or not completed place an “x” through the “o” in the box.
- Failure to have your grinder regularly serviced and properly maintained in accordance with the manufacturer’s instructions will lead to premature failure and void the warranty.

MAINTENANCE INSTRUCTIONS

GENERAL MAINTENANCE

Remember, safety is paramount when performing routine maintenance checks. Always disconnect the grinder from the power source before conducting any inspections or maintenance tasks.

- **Visual Inspection:** Regularly examine the grinder for any signs of damage, loose parts, or frayed wires. Ensure that all components are in good condition and properly connected.
- **Power Cord:** Check the power cord for any cuts or exposed wires. If any damage is found, replace the cord immediately to prevent electrical hazards.
 - **NOTE:** After the first 8 hours of run time, check electrical connections for tightness. Connectors may come loose due to vibration.
- **Fasteners:** Check all screws, nuts, and bolts on the grinder for proper tightness. If any are loose, tighten them securely to prevent accidents during operation.
- **Safety Mechanisms:** Test the grinder's safety mechanisms, such as the E-Stop, to ensure they are functioning effectively. These mechanisms are designed to protect the user from potential accidents or injuries.
- **Electrical Connections:** Inspect the grinder's electrical connections, such as switches and plugs, for any signs of damage or loose connections. Ensure that all connections are secure and properly insulated.
- **Cleanliness:** Regularly clean the grinder's external surfaces and remove any debris or residue from the grinding area. This prevents build-up that can affect the grinder's performance and poses a safety hazard. Hard concrete is very difficult to remove, greatly increases weight, and reduces efficient subsequent operation of unit.

TROUBLESHOOTING 800E

Operation Panel Indication		Name	Refer to Page
Error message	<i>E---</i>	E---	Faults history
	<i>HOLD</i>	HOLD	Operation panel lock
	<i>LOCd</i>	LOCd	Password locked
	<i>Er1</i> <i>Er2</i> <i>Er4</i>	Er1 Er2 Er4	Parameter write error
	<i>Err.</i>	Err.	Inverter reset
Warning	<i>OL</i>	OL	Stall prevention (overcurrent)
	<i>oL</i>	oL	Stall prevention (overvoltage)
	<i>rb</i>	RB	Regenerative brake prealarm
	<i>TH</i>	TH	Electronic thermal relay function prealarm
	<i>PS</i>	PS	PU stop
	<i>nr</i>	MT	Maintenance signal output
	<i>Uu</i>	UV	Undervoltage
	<i>SA</i>	SA	Safety stop
	<i>Ev</i>	EV	24V external power supply operation
Alarm	<i>Fn</i>	FN	Fan alarm
Fault	<i>EOC1</i>	E.OC1	Overcurrent trip during acceleration
	<i>EOC2</i>	E.OC2	Overcurrent trip during constant speed
	<i>EOC3</i>	E.OC3	Overcurrent trip during deceleration or stop
	<i>EOv1</i>	E.OV1	Regenerative overvoltage trip during acceleration
	<i>EOv2</i>	E.OV2	Regenerative overvoltage trip during constant speed
	<i>EOv3</i>	E.OV3	Regenerative overvoltage trip during deceleration or stop
	<i>ETHr</i>	E.THT	Inverter overload trip (electronic thermal relay function)
	<i>ETHn</i>	E.THM	Motor overload trip (electronic thermal relay function)
	<i>EFIn</i>	E.FIN	Heatsink overheat

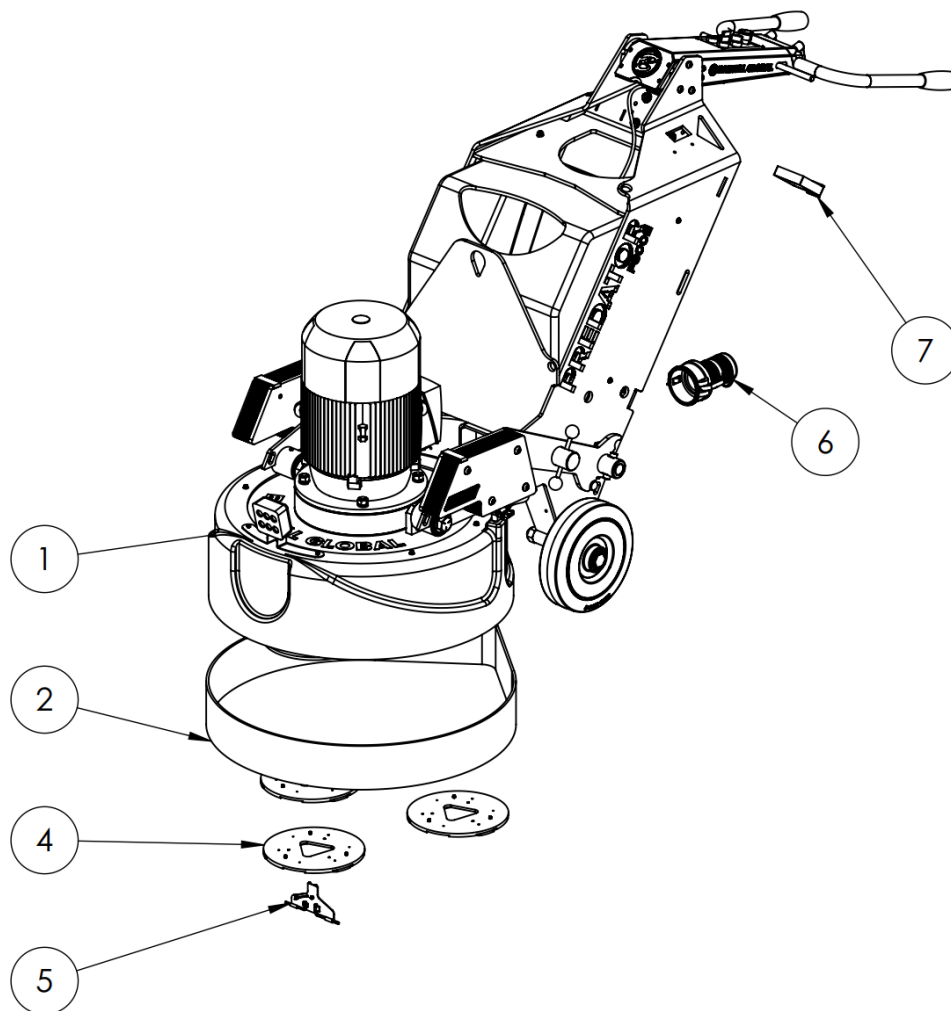
Operation Panel Indication		Name	Refer to Page
<i>EILF</i>	E.ILF	Input phase loss	239
<i>EOLr</i>	E.OLT	Stall prevention stop	240
<i>E.bE</i>	E.BE	Brake transistor alarm detection	240
<i>E.GF</i>	E.GF	Output side earth (ground) fault overcurrent at start	240
<i>E.LF</i>	E.LF	Output phase loss	240
<i>EOP1</i>	E.OP1	Communication option fault	240
<i>EOPr</i>	E.OPT	Option fault	241
<i>E.1</i>	E.1	Option fault	241
<i>E.PE</i>	E.PE	Parameter storage device fault	241
<i>EPE2</i>	E.PE2	Internal board fault	241
<i>ErEr</i>	E.RET	Retry count excess	241
<i>E.5</i> <i>E.6</i> <i>E.7</i> <i>E.CPU</i>	E.5 E.6 E.7 E.CPU	CPU fault	241
<i>EIOH</i>	E.IOH	Inrush current limit circuit fault	242
<i>EUSb</i>	E.USB	USB communication fault	242
<i>ENb4 to ENb7</i>	E.MB4 to E.MB7	Brake sequence fault	242
<i>ESAF</i>	E.SAF	Safety circuit fault	242
<i>E.13</i>	E.13	Internal circuit fault	242

Page intentionally left blank.

PARTS

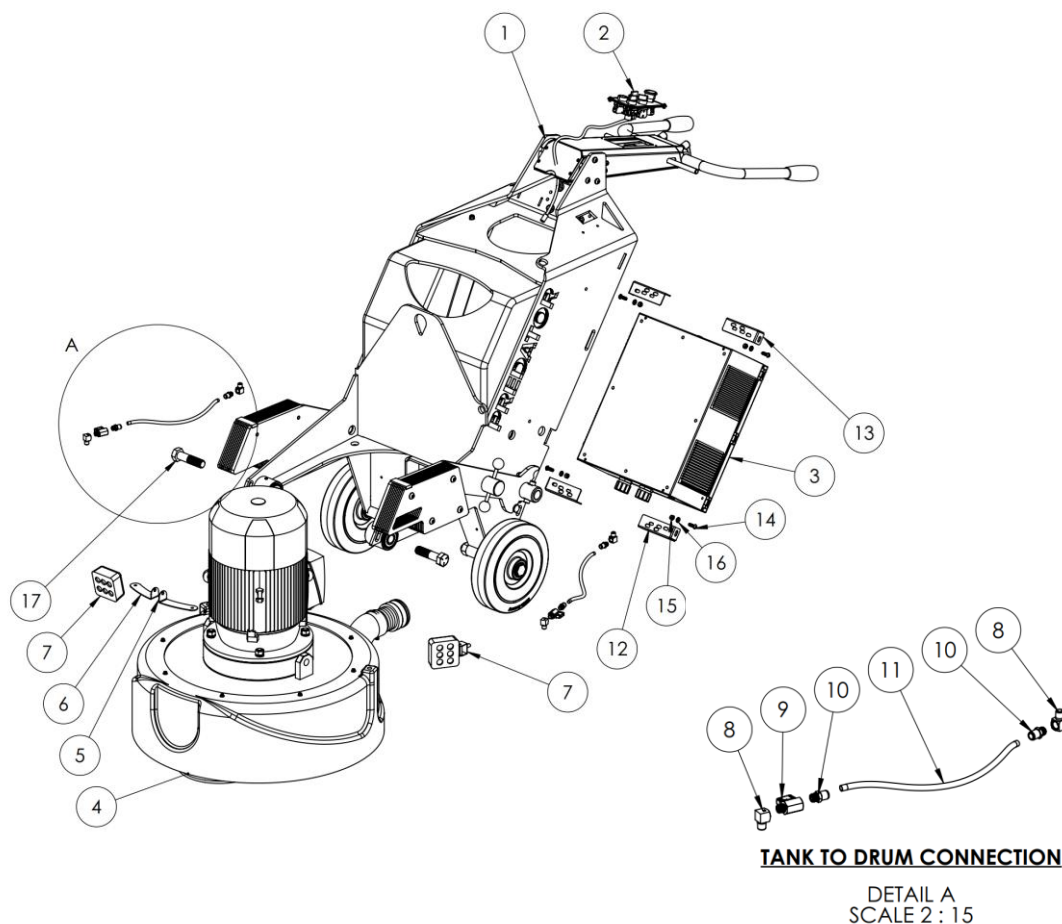
98-0054 - PREDATOR P800E GRINDER - C

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	96-0756	PREDATOR P800E GRINDER ASSEMBLY	1
2	13-0619	DUST COVER - 800	1
3	61-0076	PREDATOR DECAL KIT 800E	1
4	96-0781	METAL TOOLING KIT 800	3
5	96-0456	TOOLING WRENCH	1
6	VAC. 10125	CAMLOCK 3IN FEMALE	1
7	13-0618	BATTERY STRAP 1"X24"	1



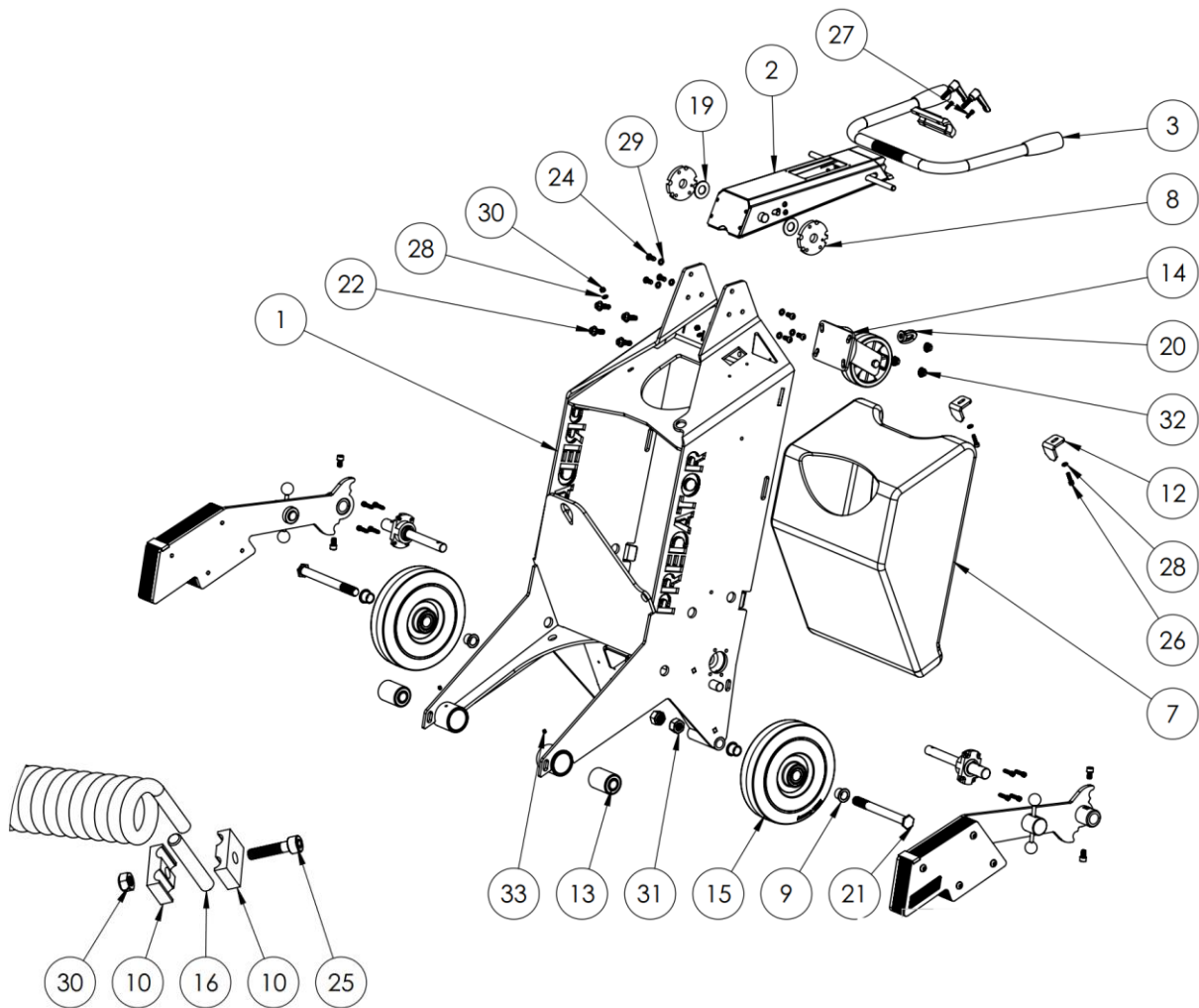
96-0756 - PREDATOR P800E GRINDER ASSEMBLY - H

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	96-0750	FRAME ASSEMBLY - 800	1
2	96-0788	SWITCH PANEL - 800E	1
3	22-0107	ELECTRICAL CONTROL ASSEMBLY - 800E	1
4	96-0609	DRUM MOTOR SUB ASSEM 800E	1
5	52-0603	FRONT LIGHT BRACKET LEFT - 800	1
6	52-0602	FRONT LIGHT BRACKET RIGHT - 800	1
7	23-0240	LIGHT 12V FLOOD	2
8	41-0057	FITTING 0.25 NPT MALE TO 0.25 NPT FEMALE 90 DEG BRASS	4
9	41-0051	BALL VALVE MALE 0.25 NPT FEMALE 0.25 NPT	2
10	41-0052	PUSH-TO-CONNECT 0.25 NPT 0.38 TUBE	4
11	41-0053	WATER TUBE CLEAR 0.38 OD	1
12	52-0608	ELECTRICAL PANEL BRACKET RIGHT 800E AND 600E	2
13	52-0609	ELECTRICAL PANEL BRACKET LEFT 800E AND 600E	2
14	12-0810-25	BUTTON HEAD CAP SCREW - M8X25 - ZINC	4
15	12-0840	LOCKNUT - M8 - ZINC	4
16	12-0850	WASHER - M8 - ZINC	4
17	11-0371	HEX HEAD SCREW - 1"X4" - ZINC	2

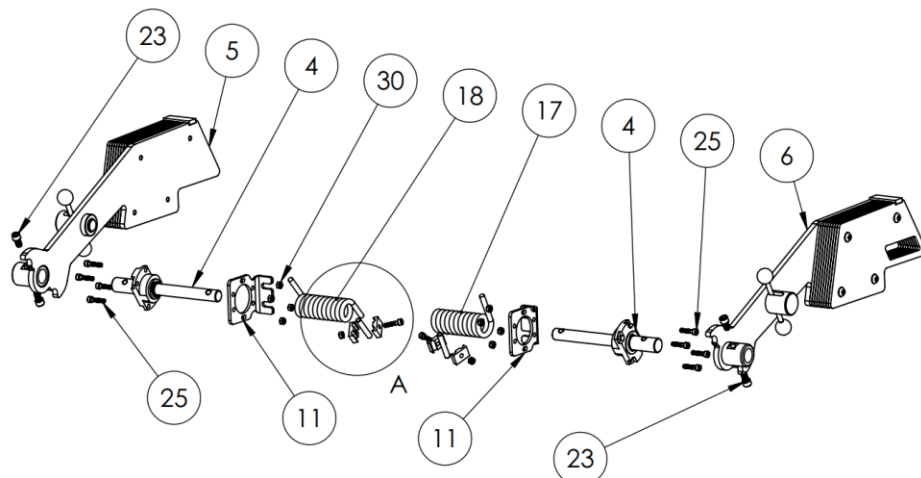


96-0750 - FRAME ASSEMBLY – 800 - D

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	53-0790	FRAME WELDMENT - 800	1
2	96-0725	HANDLE ASSEMBLY	1
3	96-0720	BG HANDLE	1
4	96-0469	SWING WEIGHT BUSHING ASSEM	2
5	96-0740	SWING WEIGHT ASSEMBLY LEFT - 800	1
6	96-0745	SWING WEIGHT ASSEMBLY RIGHT - 800	1
7	54-0045	WATER TANK - 800	1
8	51-3358	HANDLE CLOCK	2
9	51-3355	AXLE BUSHING	4
10	51-3309	CLAMP	4
11	52-0359	SPRING FLANGE	2
12	52-0633	TANK MOUNTING BRACKET	2
13	13-0612	DRUM MOUNTING BUSHING - 800	2
14	13-0611	CASTER WHEEL	1
15	13-0610	WHEEL 12IN	2
16	13-0609	TORSION SPRING PIN	2
17	13-0608	TORSION SPRING RIGHT	1
18	13-0602	TORSION SPRING LEFT	1
19	13-0556	THRUST BEARING 1"	2
20	13-3329	EYE NUT - M12 - GALV	1
21	12-2420-250	HEX HEAD SCREW - M24X250 - ZINC	2
22	12-1260-35	HEX HEAD SERRATED - M12X35 - ZINC	4
23	12-1200-20	SOCKET HEAD CAP SCREW - M12X20 - ZINC	4
24	12-1010-25	BUTTON HEAD CAP SCREW - M10X25 - ZINC	6
25	12-0800-35	SOCKET HEAD CAP SCREW - M8X35 - ZINC	10
26	12-0800-30	SOCKET HEAD CAP SCREW - M8X30 - ZINC	2
27	12-0600-20	SOCKET HEAD CAP SCREW - M6X20 - ZINC	2
28	12-0850	WASHER - M8 - ZINC	4
29	12-1070	LOCK WASHER - M10 - ZINC	6
30	12-0840	LOCKNUT - M8 - ZINC	12
31	12-2440	LOCKNUT - M24 - ZINC	2
32	12-1260	HEX NUT SURRATED - M12 - ZINC	3
33	13-0804	SET SCREW CONE - MX10 - ZINC	2



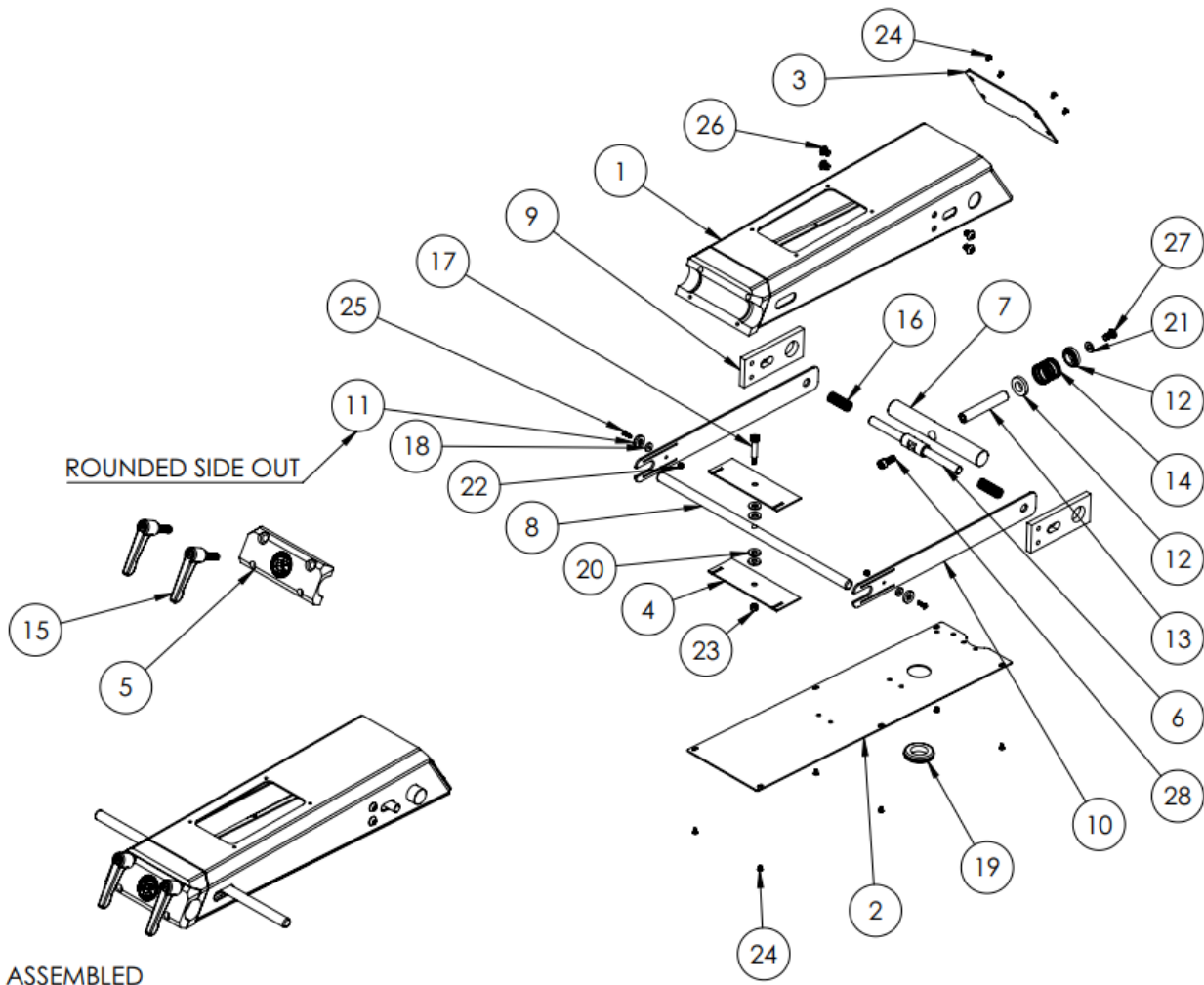
DETAIL A
SCALE 1 : 4



SWING WEIGHTS FROM REAR OF MACHINE

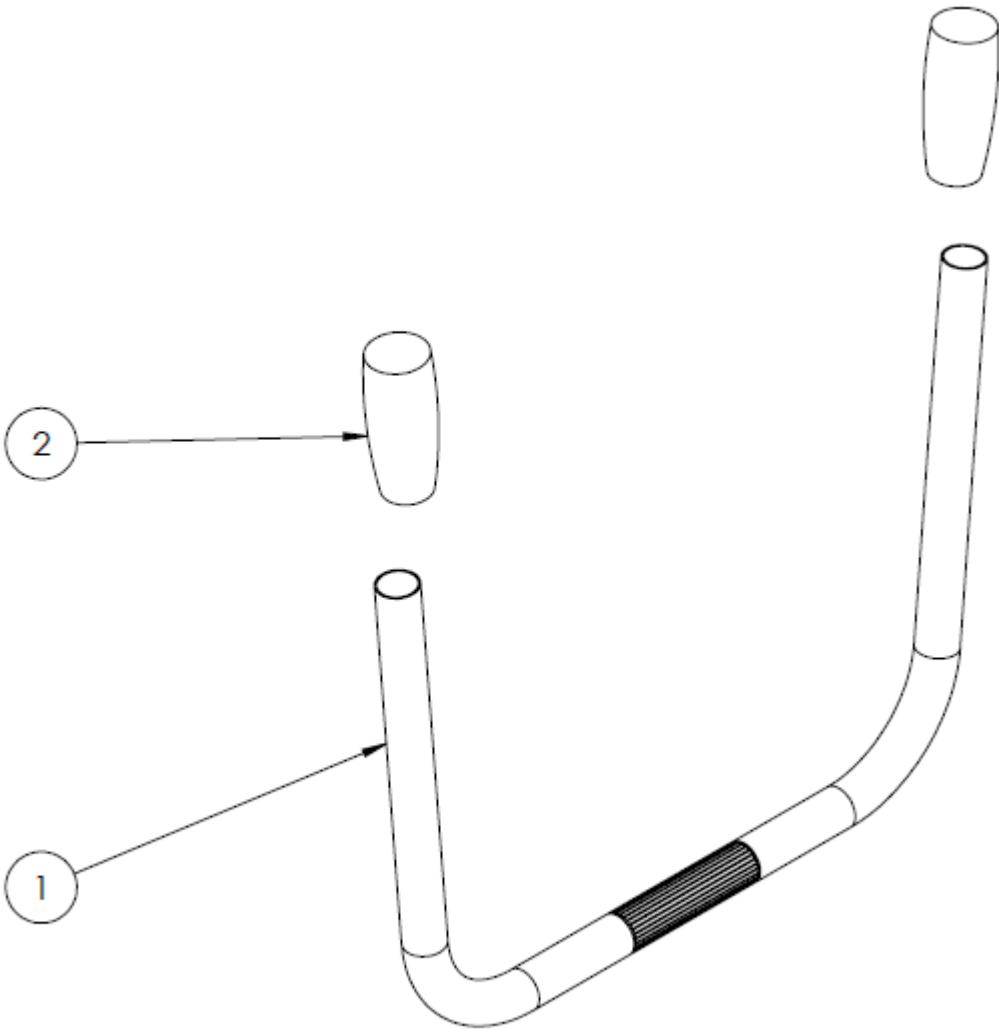
96-0725 - HANDLE ASSEMBLY – 650 AND 800 - G

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	53-0750	HANDLE STEM WELDMENT	1
2	52-0350	BOTTOM COVER PANEL	1
3	52-0351	FRONT COVER PANEL	1
4	52-0354	PREP PLATES	2
5	51-3200	HANDLE CAP PLATE	1
6	51-3201	LATCH PIN	1
7	51-3203	PIVOT PIN	1
8	51-3303	PULL HANDLE	1
9	51-3304	REINFORCEMENT PLATE	2
10	51-3305	PULL PLATE	2
11	13-0551	TEFLON SLIDER 3/4"	2
12	13-0552	SPRING LOCATOR	2
13	13-0553	TAPPED SHAFT M8	1
14	13-0575	COMPRESSION SPRING	1
15	13-0554	LOW-PROFILE ADJUSTABLE HANDLE	2
16	13-3330	SPRING 2IN X 0.6IN - 4.8 SR	2
17	13-0557	SHOULDER BOLT 8X30 M6	1
18	13-0558	SPACER 1/2" X 1/8"	2
19	25-0182	GROMET 1IN	1
20	12-2852	WASHER - M8 - PTFE	4
21	12-0850	WASHER - M8 - ZINC	1
22	12-0440	NYLOC NUT - M4 - ZINC	2
23	12-0640	NYLOC NUT - M6 - ZINC	1
24	12-0410-06	BUTTON HEAD CAP SCREW - M4X6 - ZINC	10
25	12-0410-16	BUTTON HEAD CAP SCREW - M4X16 - ZINC	2
26	12-0810-10	BUTTON HEAD CAP SCREW - M8X10 - ZINC	4
27	12-0810-16	BUTTON HEAD CAP SCREW - M8X16 - ZINC	1
28	12-0800-20	SOCKET HEAD CAP SCREW - M8X20 - ZINC	1



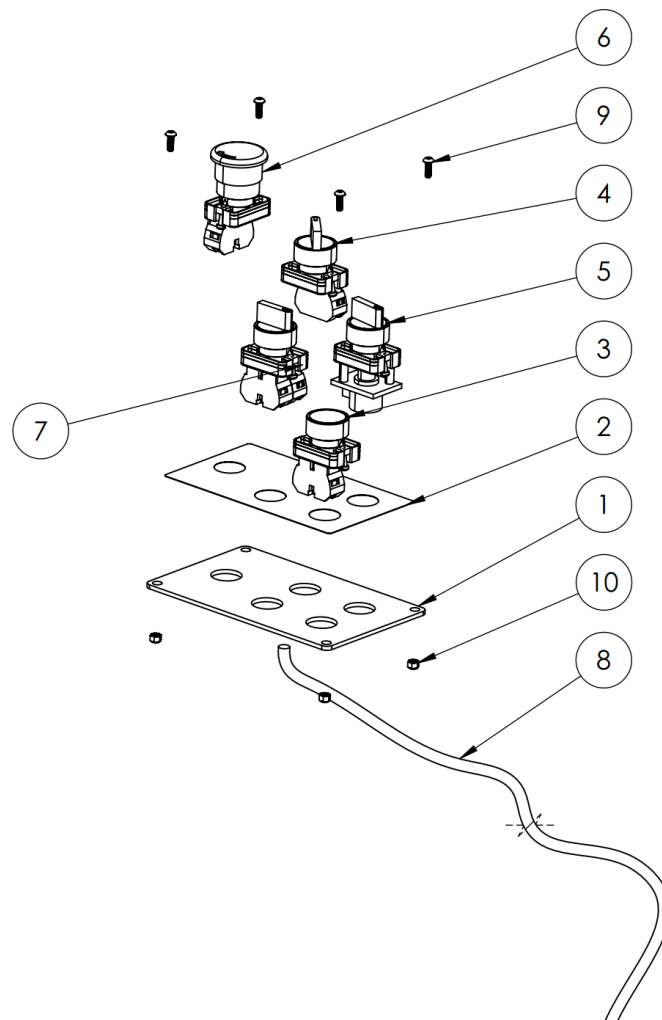
96-0720 - BG HANDLE – 650 AND 800 - C

ITEM NO.	Part Number	DESCRIPTION	QTY.
1	53-0797	BG HANDLEBAR WELDMENT	1
2	13-0560	BG HANDLE END GRIP	2



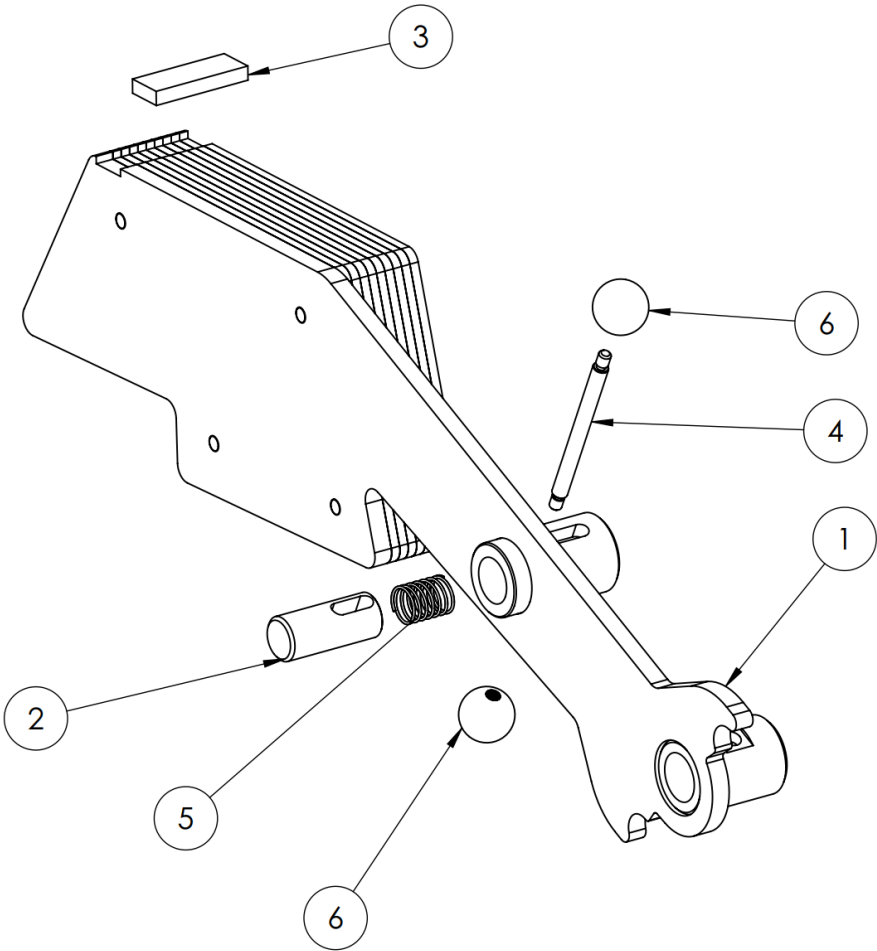
96-0788 - SWITCH PANEL – 650E AND 800E - G

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	52-0613	SWITCH PLATE - 800E	1
2	61-0080	SWITCH PLATE DECAL 650 AND 800E	1
3	22-0100	PUSH BUTTON	1
4	22-0104	SWITCH TWO POSITION	1
5	22-0105	SWITCH POTENTIOMETER	1
6	22-0106	ESTOP SWITCH	1
7	22-0109	SWITCH 3 POSITION	1
8	24-0290	SWITCH PANEL CABLE 650E AND 800E	1
9	12-0410-12	BUTTON HEAD CAP SCREW - M4X12 - ZINC	4
10	12-0440	NYLOC NUT – M4 - ZINC	4



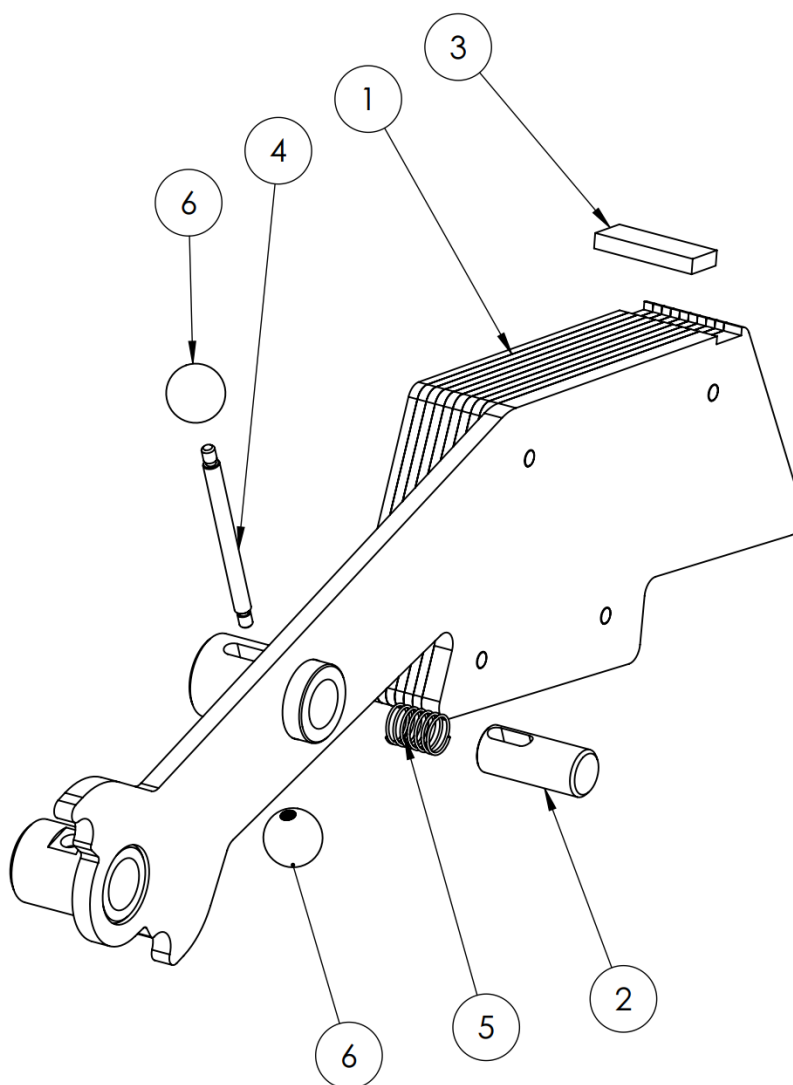
96-0745 - SWING WEIGHT ASSEMBLY RIGHT – 800 - E

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	53-0759	WEIGHT ARM WELDMENT RIGHT - 800	1
2	51-3310	WEIGHT PIN	1
3	51-3370	SWING WEIGHT PAD - 650	1
4	13-0600	LEVERAGE PIN	1
5	13-0603	PIN LOCK SPRING	1
6	13-0604	KNOB	2



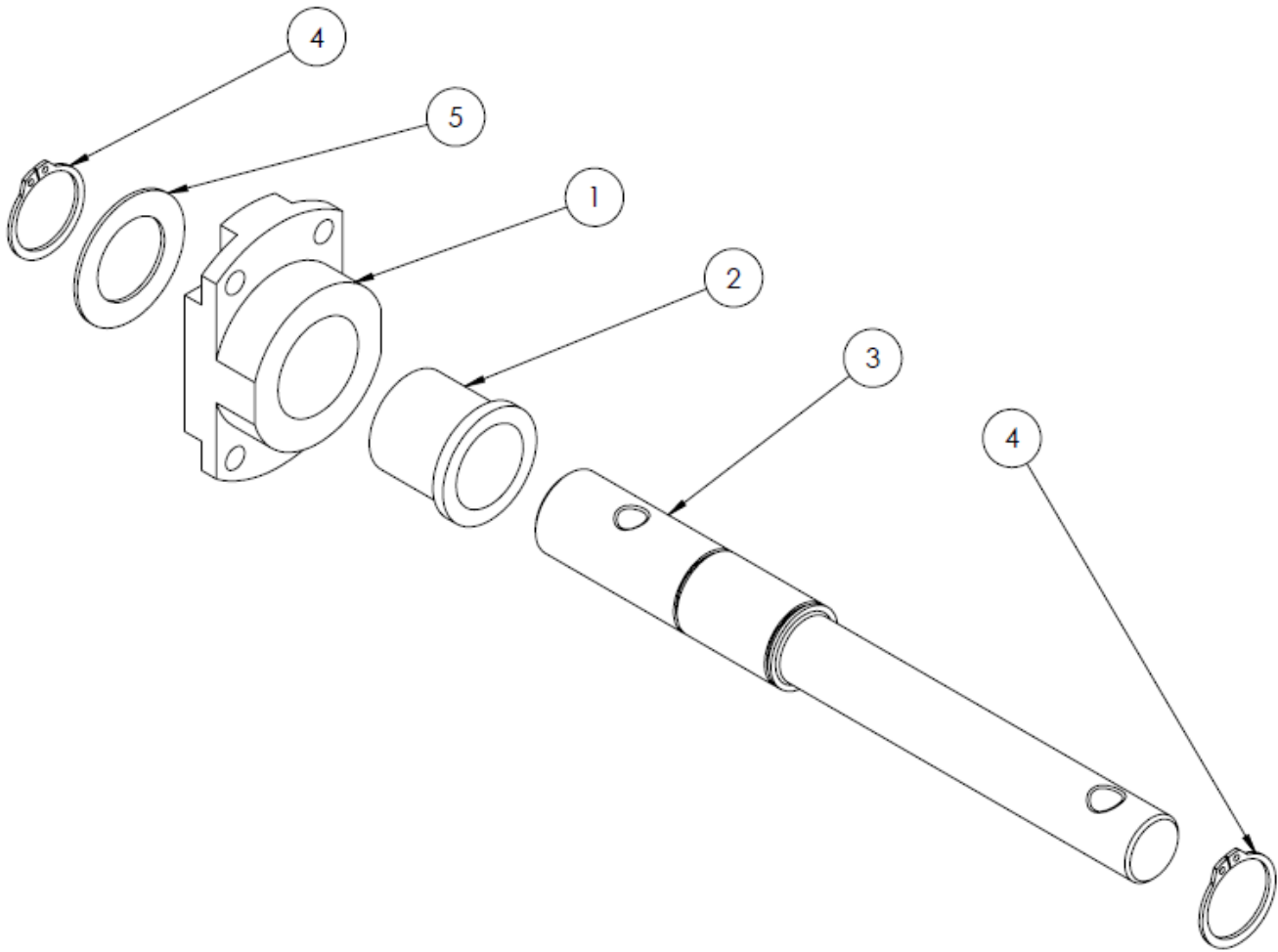
96-0740 - SWING WEIGHT ASSEMBLY LEFT – 800 - E

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	53-0757	WEIGHT ARM WELDMENT LEFT - 800	1
2	51-3310	WEIGHT PIN	1
3	51-3370	SWING WEIGHT PAD - 650	1
4	13-0600	LEVERAGE PIN	1
5	13-0603	PIN LOCK SPRING	1
6	13-0604	KNOB	2



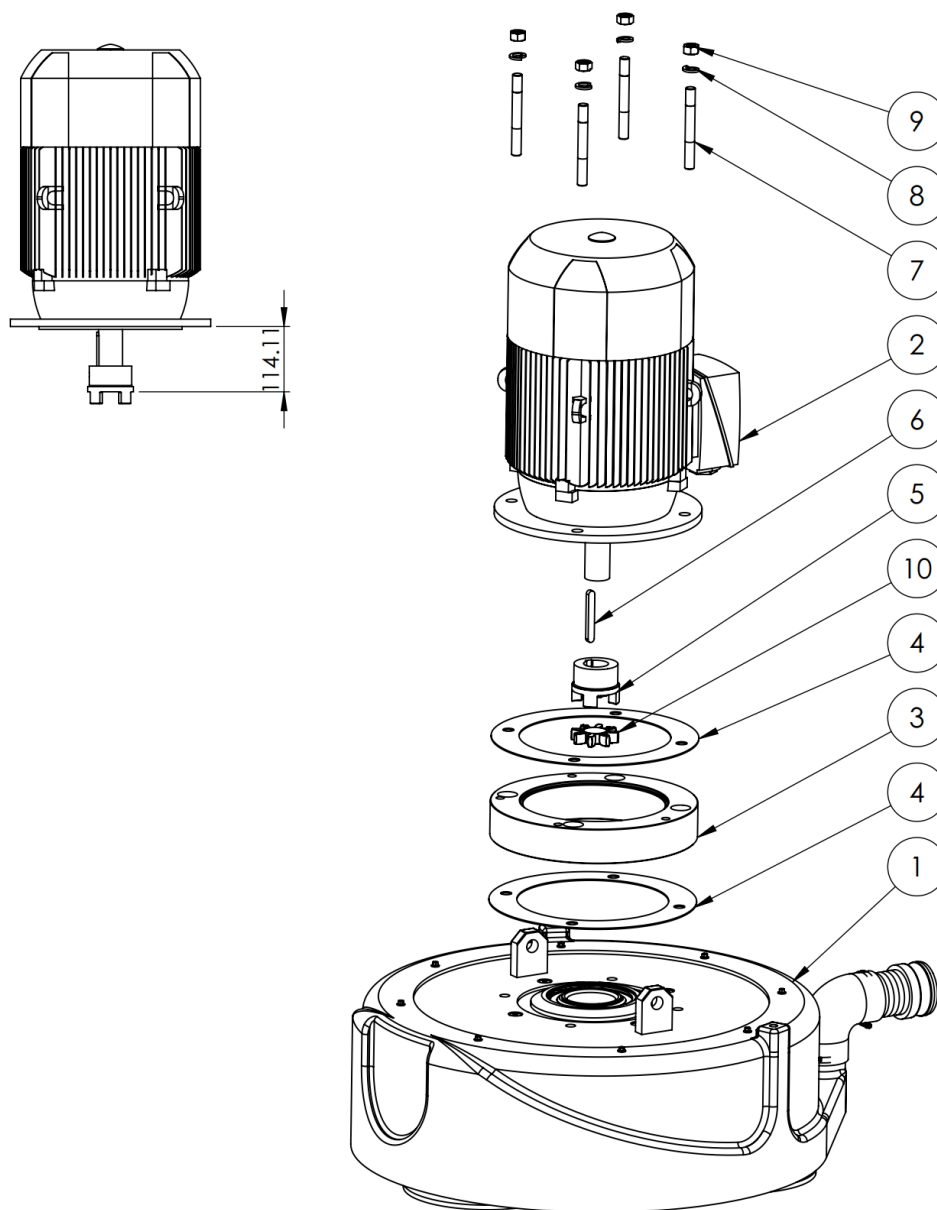
96-0469 - SWING WEIGHT BUSHING ASSEMBLY - B

ITEM NO.	Part Number	DESCRIPTION	QTY.
1	51-3306	BUSHING HOUSING	1
2	13-0601	WEIGHT BUSHING	1
3	51-3308	SPINDLE	1
4	13-0606	RETAINING RING 30MM	2
5	13-0607	THRUST WASHER 30MM	1



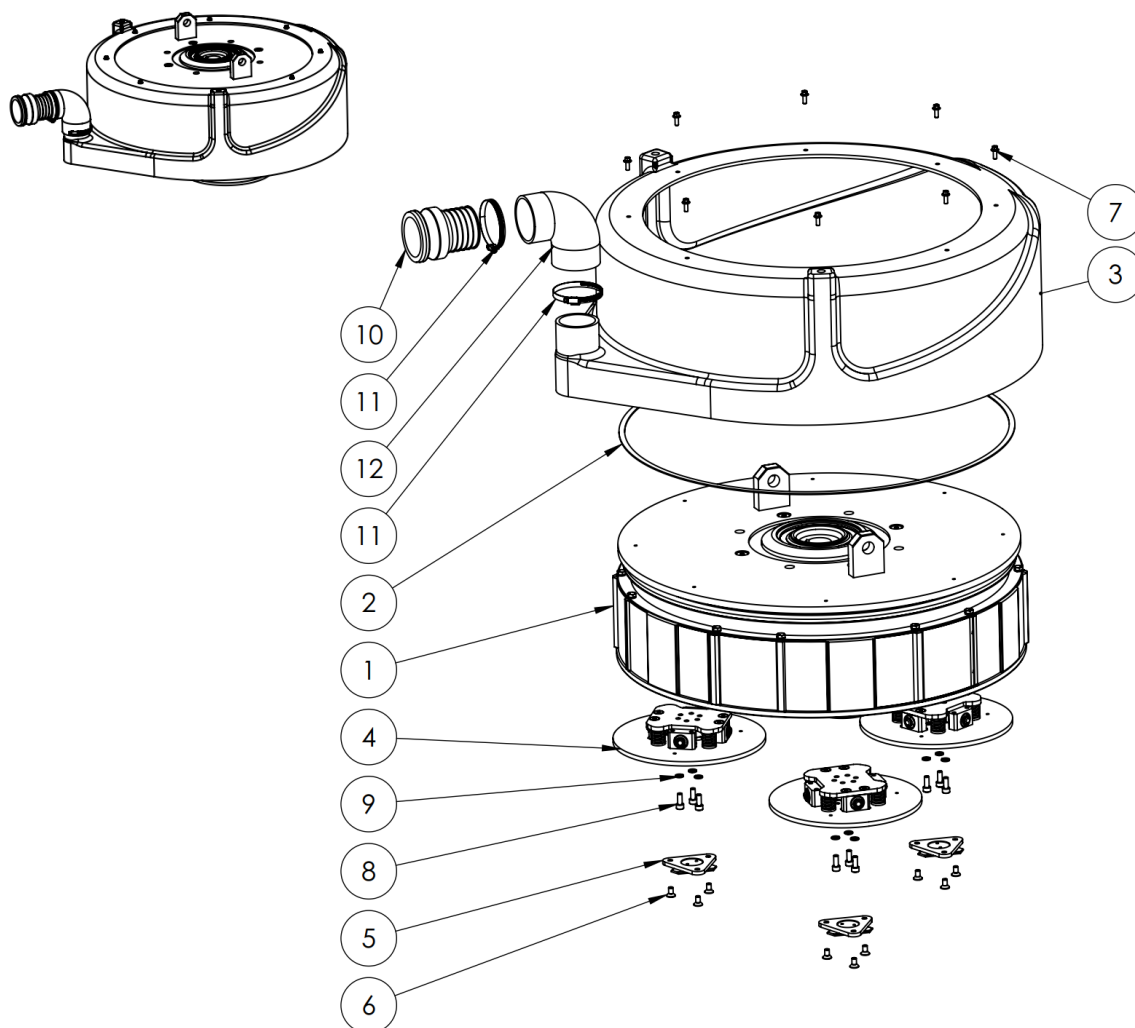
96-0609 DRUM MOTOR SUB ASSEM 800E - A

ITEM NO.	Part Number	DESCRIPTION	QTY.
1	96-0751	DRUM ASSEMBLY - 800	1
2	23-0245	THREE PHASE MOTOR	1
3	51-3383	DRUM TO DRIVE SPACER - 800	1
4	51-3382	DRUM TO SPACER GASKET - 800	2
5	51-4005	COUPLER, CJ38/45 LOVEJOY MOD - 800	1
6	13-0711	KEY M12-8X90 PARALLEL - 800	1
7	13-0114	STUD M16 - 800E	4
8	12-1670	LOCK WASHER - M16 - ZINC	4
9	12-1630	HEX NUT M16 ZINC	4
10	13-0712	SPIDER CJ38-45 LOVEJOY RED - 800	1



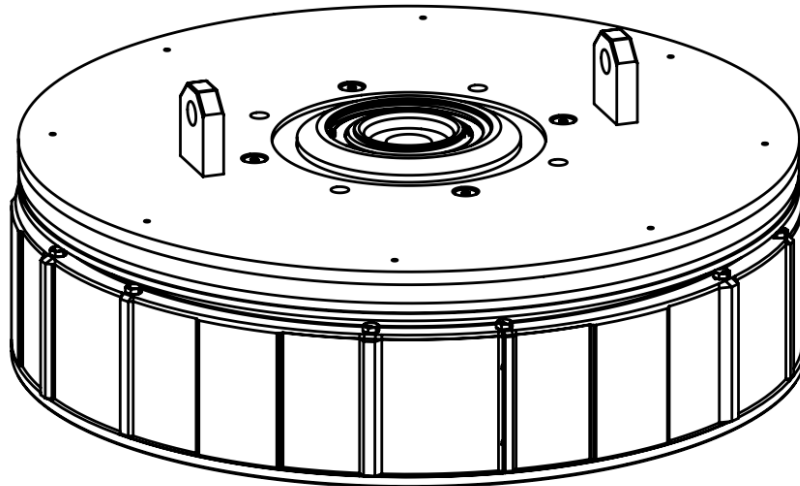
96-0751 - DRUM ASSEMBLY – 800 - C

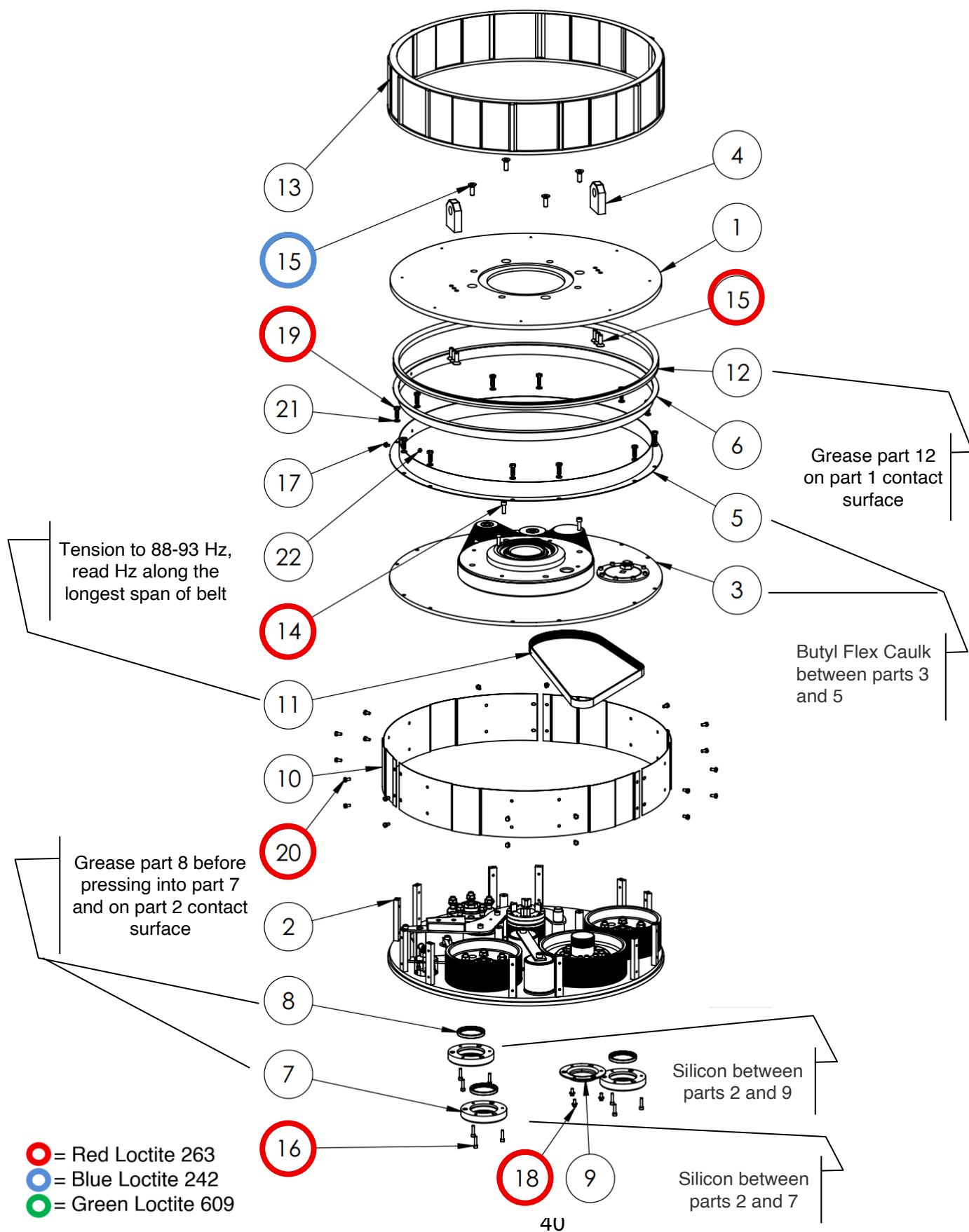
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	PDG.80210.01	DRUM ASSEMBLY, BASE /BG8K	1
2	PDG.20249.00	RUBBER, EPDM GASKET /BG8K 6K 5K	1
3	PDG.80066.00	SHROUD, MOLDED VACUUM /BG8K	1
4	BG.8A010.85	FLEX HEAD, COMPLETE WITH REDSPRING NO CLOVER	3
5	96-0780	TOOLING TRIANGLE ASSEMBLY 800	3
6	12-0880-16	FLAT HEAD SOCKET SCREW - M8X16 - ZINC	9
7	NB.11.108	HEX FLANGE SCREW, M6 X 1.0 X 16	8
8	NB.10.218	SCREW, SOCKET HEAD CAP M8-1.25 X 20	9
9	NB.30.212	WASHER LOCK - ZINC - M8	9
10	13-0613	MALE 3IN CAMLOCK BARBED	1
11	13-0672	HOSE CLAMP 3IN SMOOTH	2
12	13-0616	SHROUD TO VAC ELBOW 3IN	1



BG.80210.01 – DRUM ASSEMBLY, BASE /PDG8K

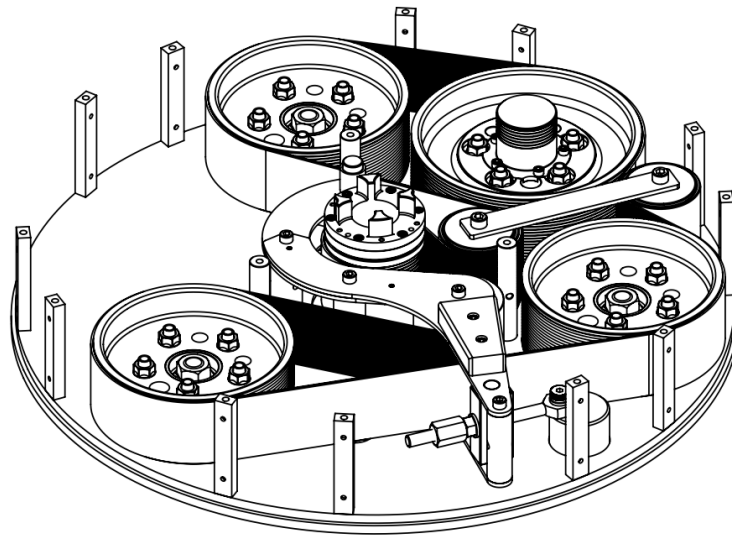
Item No.	Part Number	Description	Qty.
1	PDG.80042.01	8K STATIONARY PLATE	1
2	PDG.8A020.00	8K BOTTOM DRUM SUB ASSEMBLY	1
3	PDG.8A021.00	8K TOP DRUM SUB ASSEMBLY	1
4	PDG.80046.00	8K DRUM MOUNTING EAR	2
5	PDG.80043.01	TOP BELT DUST SHROUD, V-RING STYLE	1
6	PDG.80043.11	SEAL POSITIONER, 8K	1
7	PDG.20285.02	SEAL HOLDER FOR SEAL 22817 6K & 8K	3
8	PDG.20286.02	SEAL, AXLE NITRILE AL. SLURRY COVER /PDG8K PDG6K PDG5K (WA)	3
9	PDG.20284.00	PTO SLURRY SEAL	1
10	PDG.80044.02	SHROUD, BOTTOM BELT DUST	3
11	PDG.80040.00	PTO BELT	1
12	PDG.80072.50	8K V-RING SEAL	1
13	PDG.20287.00	TAPE, PRESERVATION HEAT SHRINK 3" WHITE	27 FT
14	NB.12.219	SOCKET HEAD CAP SCREW – ZINC – M8X25	3
15	NB.13.252	SCREW, SOCKET FLAT HEAD CAP M10-1.5 X 30	10
16	NB.12.117	SCREW, SOCKET HEAD CAP M6-1.0 X 25	9
17	NB.11.104	HEX FLANGED HEAD SCREW - ZINC - M5 X 8MM	1
18	NB.11.109	SCREW, FLANGED HEX HEAD CAP M6-1.0 X 12 NON-SERRATED ZINC	3
19	NB.10.109	HEX HEAD SCREW - ZINC - M8 X 25MM	12
20	NB.10.200	HEX HEAD SCREW - ZINC - M6 X 12MM	24
21	NB.30.212	WASHER LOCK - ZINC - M8	12
22	NB.20.153	NYLOC NUT - M5 - ZINC	1

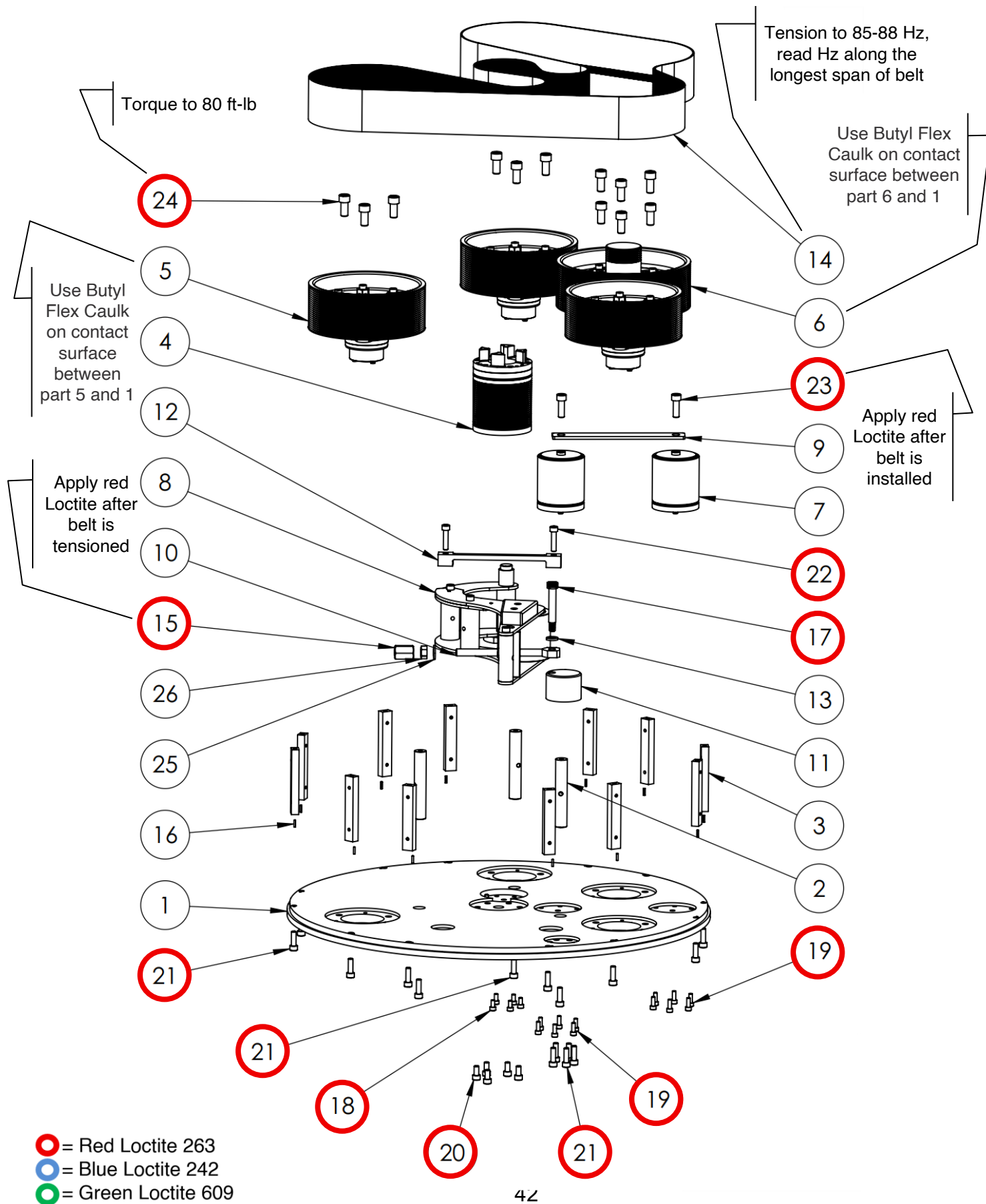




BG.8A020.00 – 8K DRUM SUB ASSEMBLY

Item No.	Part Number	Description	Qty.
1	BG.80027.02	BTM DRUM PLATE ALUM	1
2	BG.80025.00	INNER STANCHION	3
3	BG.80026.00	PERIMETER STANCHION	12
4	BG.8A007.60	SUBASSEM, MAIN BELT SPINDLE (REV 3)	1
5	BG.8A008.00	SUBASSEM, PLANETARY	3
6	BG.8A009.00	SUBASSEM, PTO	1
7	BG.8A006.12	SUBASSEM, MAIN BELT IDLER 6207	2
8	BG.8A005.11	SUBASSEM, BELT TIGHTENER	1
9	BG.80008.00	IDLER REINFORCING LINK	1
10	BG.20207.02	8K FULL THREAD MAIN BELT TENSIONER ROD	1
11	BG.80019.00	MAIN TENSIONER REACT POST	1
12	BG.20208.00	BAR, TENSIONER CONTROL	1
13	BG.80064.00	SPACER, ROD TIE	1
14	BG.80039.00	MAIN BELT 8K	1
15	NB.20.120	TENSIONER NUT	1
16	NB.50.147	PIN, SPIRAL M3 X 16	12
17	NB.15.251	SCREW, SOCKET HEAD SHOULDER M12 X 60	1
18	NB.12.108	SOCKET HEAD CAP SCREW - ZINC - M6X12	6
19	NB.12.111	SOCKET HEAD CAP SCREW - ZINC - M6X16	12
20	NB.12.213	SOCKET HEAD CAP SCREW - ZINC - M8X16	5
21	NB.12.219	SOCKET HEAD CAP SCREW - ZINC - M8X25	20
22	NB.10.231	SOCKET HEAD CAP SCREW - ZINC - M8X35	2
23	NB.13.252	SOCKET HEAD CAP SCREW - ZINC - M10X30	2
24	NB.12.249	SOCKET HEAD CAP SCREW - ZINC - M12X25	12
25	NB.30.134	WASHER, LOCK M14	1
26	NB.20.113	M12 HEX NUT	1

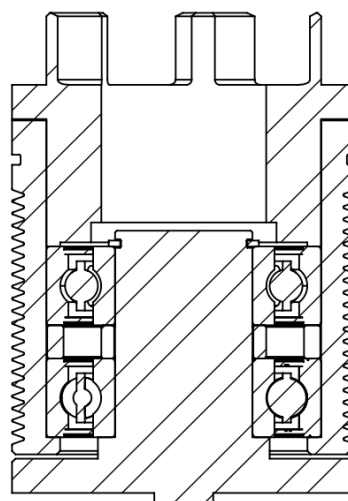
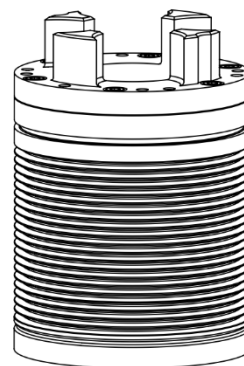
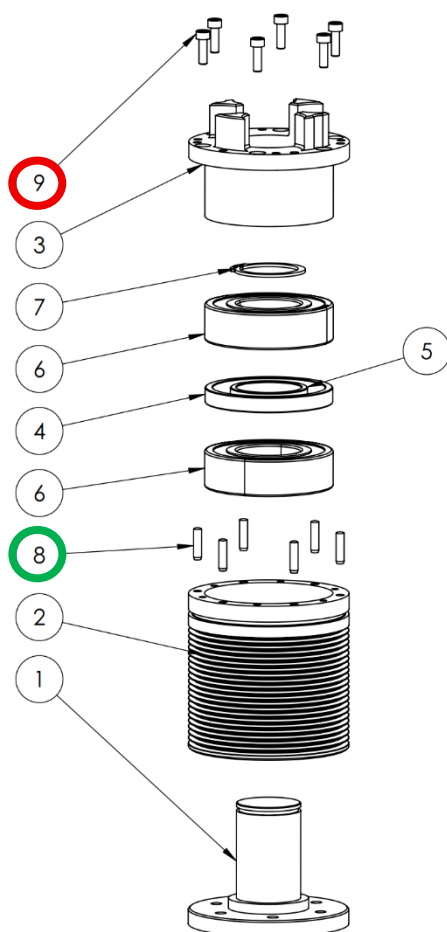




BG.8A007.60 – SUBASSEM, MAIN BELT SPINDLE

Item No.	Part Number	Description	Qty.
1	BG.80005.50	SPINDLE, MAIN BEARING (REV 2)	1
2	BG.80002.50	SHEAVE, MAIN DRIVE (REV 3)	1
3	BG.80002.53	MAIN DRIVE SHEAVE CAP	1
4	BG.80003.00	OUTER MAIN BEARING SPACER	1
5	BG.80004.00	SPACER, INNER MAIN BEARING	1
6	BG.20218.10	BEARING, 62208-2RS	2
7	NB.40.110	RING, EXTERNAL RETAINING M40	1
8	NB.50.138	PIN, CYLINDER M5 X 20	6
9	NB.12.090	SCREW, SOCKET HEAD CAP M5-0.8 X 16	6

- Notes: 1. To replace the main spindle on machines before serial number 0479, order one BG.8A007.50, one BG.80110.00, one BG.80101.00. and one BG.80100.50.
2. Machines before ~1400 use NB.18.140 to plug the center hole. The hole was removed on later versions.

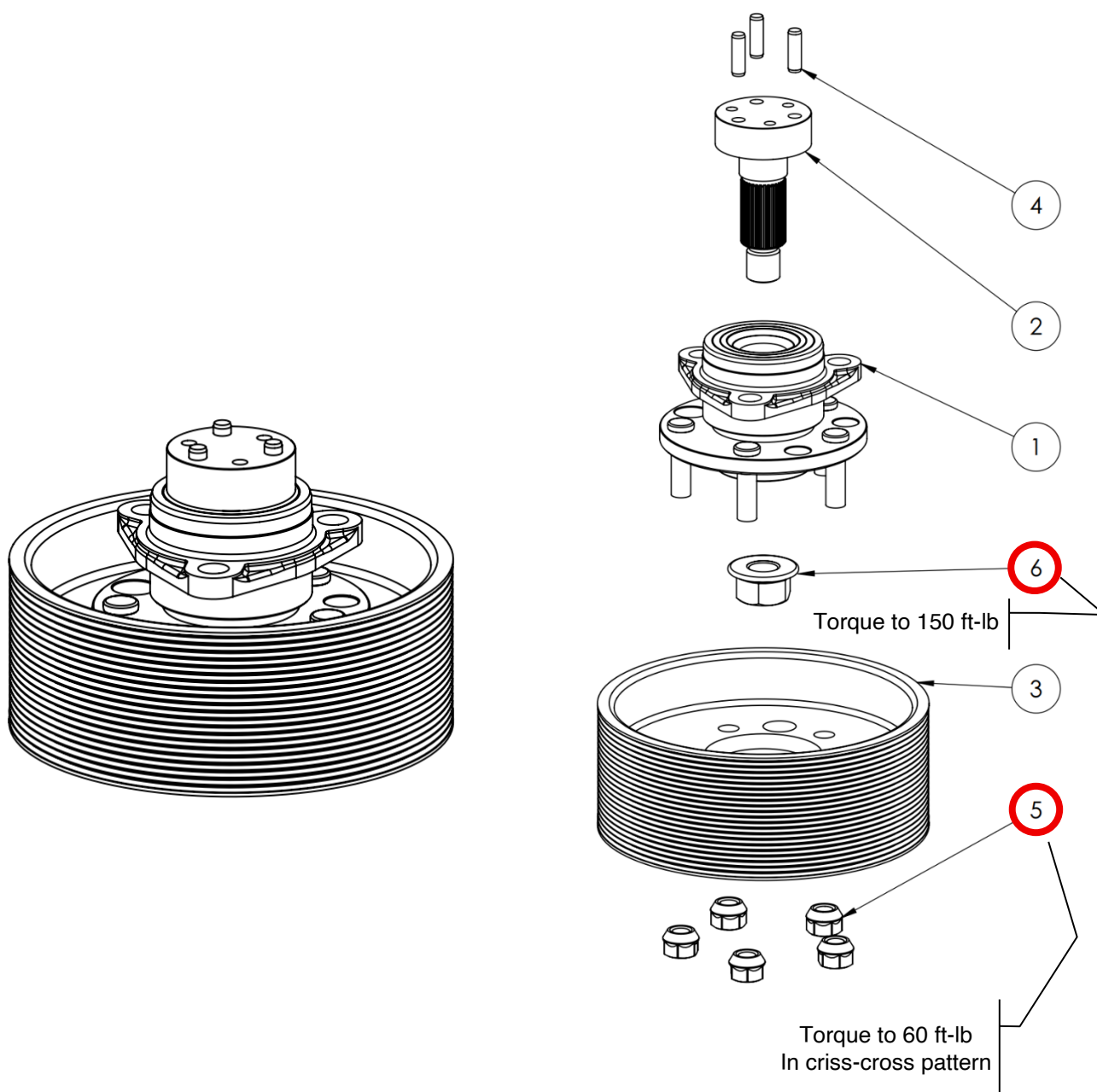


SECTION C-C
SCALE 1 : 2

-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

BG.8A008.00 – SUBASSEM, PLANETARY

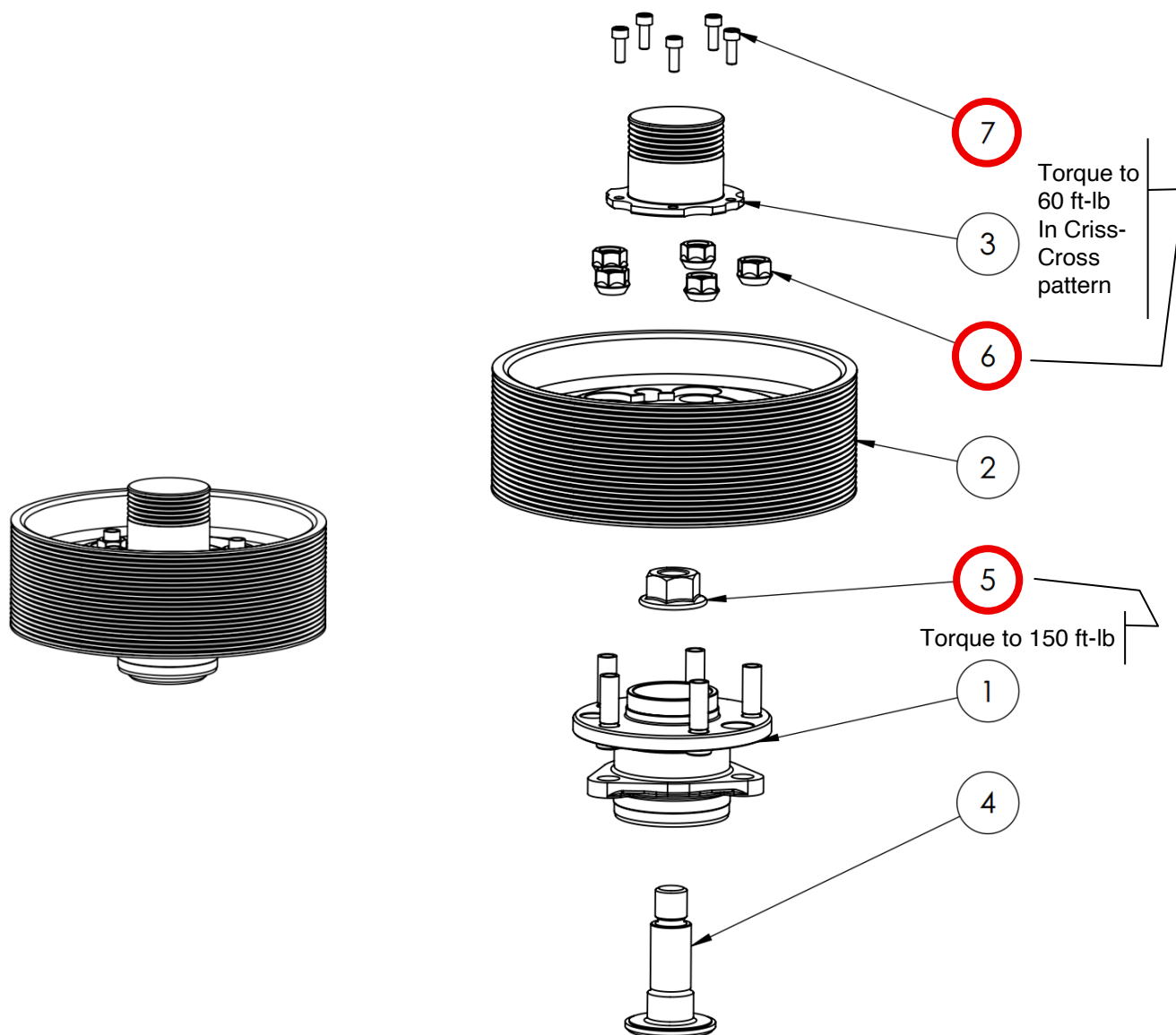
Item No.	Part Number	Description	Qty.
1	BG.20201.00	HUB TIMKIN BEARING	1
2	BG.20200.00	AXLE, PLANETARY, 40MM	1
3	BG.80001.01	SHEAVE, PLANETARY, RED	1
4	NB.50.143	PIN, HARDENED M8 X 26	3
5	NB.20.107	NUT ,LUG M12 X 1.5	5
6	NB.20.108	NUT, HEX FLANGE M20-2.5	1



-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

BG.8A009.00 – SUBASSEM, PTO

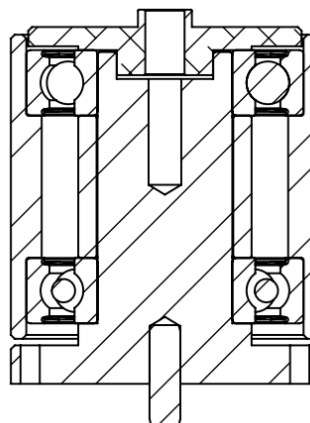
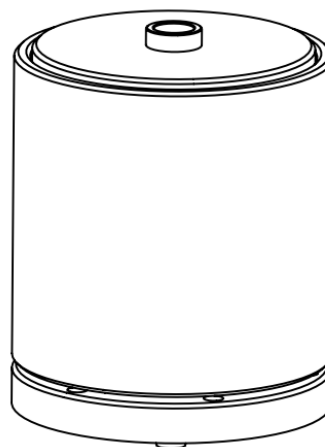
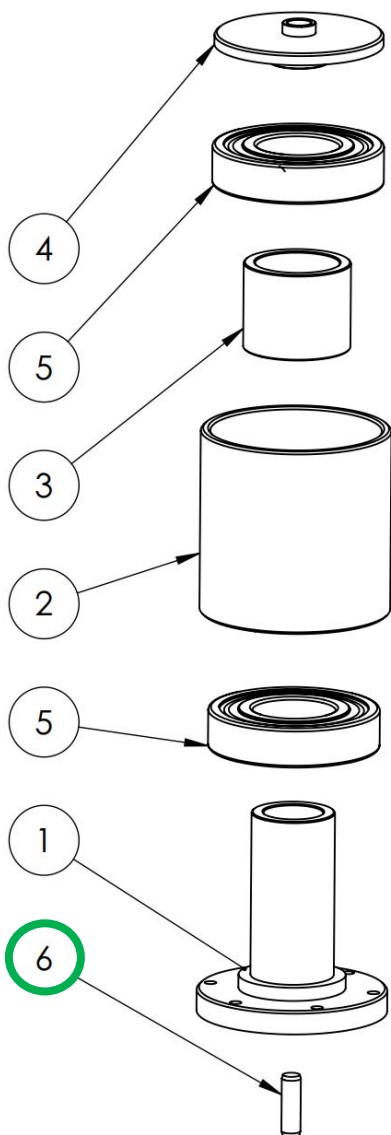
Item No.	Part Number	Description	Qty.
1	BG.20201.00	HUB TIMKIN BEARING	1
2	BG.80007.02	SHEAVE, PTO HUB, RED (V3)	1
3	BG.80006.50	SHEAVE, PTO DRIVE. YELLOW (V2)	1
4	BG.20202.00	AXLE, PTO	1
5	NB.20.108	NUT, HEX FLANGE M20-2.5	1
6	NB.20.107	NUT, LUG M12 X 1.5	5
7	NB.12.111	SCREW, SOCKET HEAD CAP M6 -1.0 X 16 12.9 ZINC	5



-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

BG.8A006.12 – SUBASSEM, MAIN BELT IDLER 6207

Item No.	Part Number	Description	Qty.
1	BG.80011.01	88K MAIN BELT IDLER SHAFT 6207	1
2	BG.80010.02	8K MAIN BELT IDLER SHEAVE 6207	1
3	BG.80114.01	8K MAIN BELT IDLER SPACER 6207	1
4	BG.80009.01	8K MAIN BELT IDLER RETAINER 6207	1
5	BG.80047.10	BEARING, NACHI 6207-2NS	2
6	NB.50.143	PIN, HARDENED M8 X 26	1

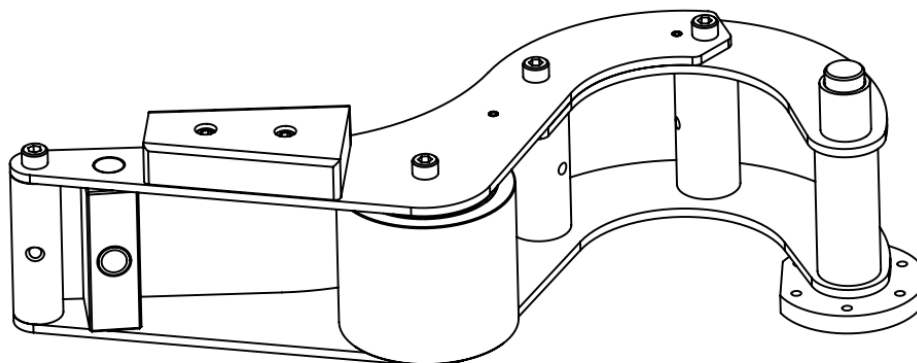


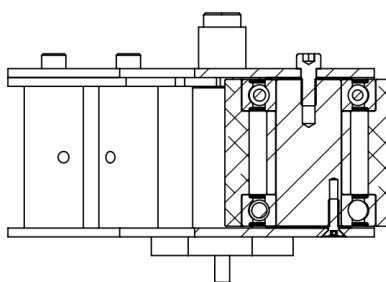
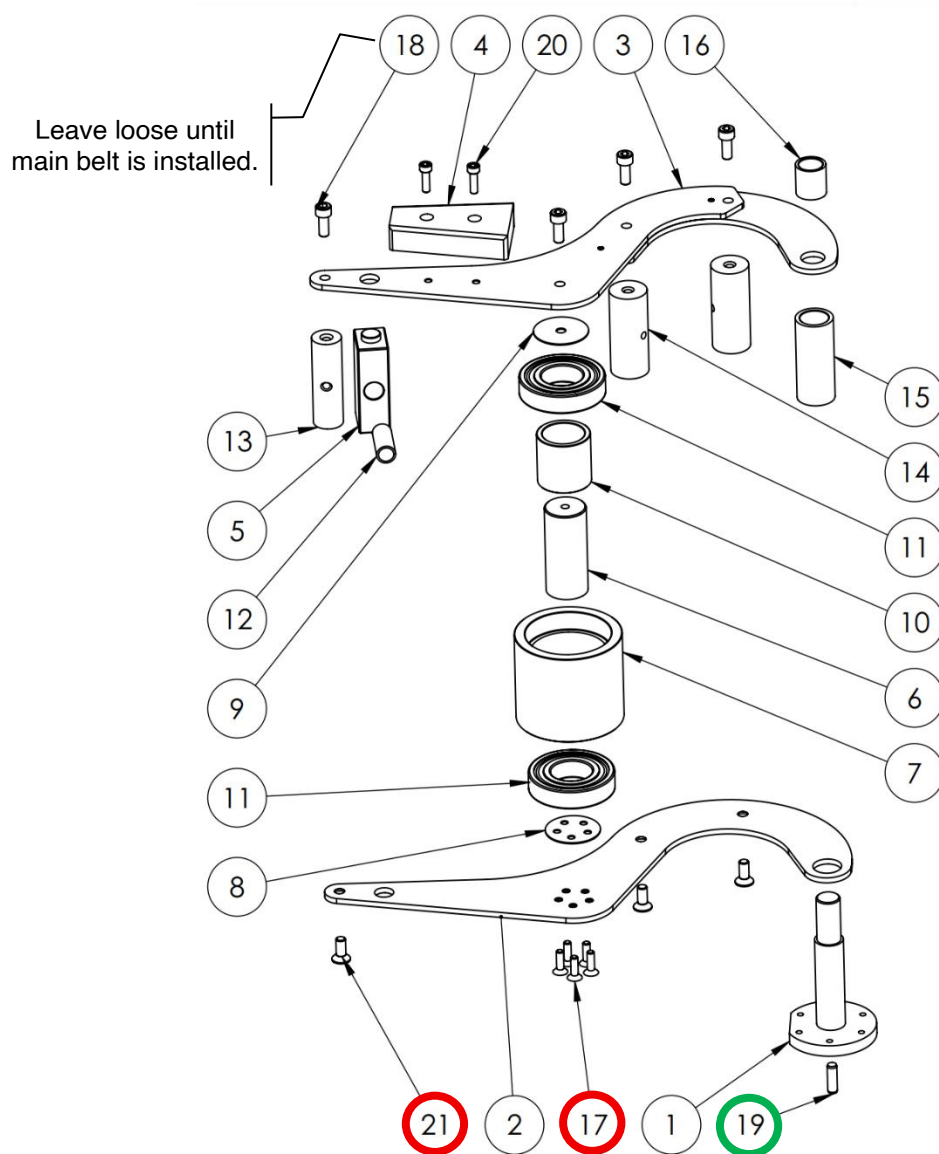
SECTION C-C
SCALE 1 : 2

-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

BG.8A005.11 – SUBASSEM, BELT TIGHTENER

Item No.	Part Number	Description	Qty.
1	BG.80014.02	8K MAIN BELT TENSIONER PIVOT, HIGH STRENGTH	1
2	BG.80012.03	8K MAIN BELT TENSIONER LOWER ARM, HIGH STRENGTH	1
3	BG.80013.03	8K MAIN BELT TENSIONER UPPER ARM WELDMENT	1
4	BG.80511.03	BLOCK, TENSIONER SPACER	1
5	BG.80511.04	GRUDGEON, TENSIONER BG8000 DRUM V2	1
6	BG.80021.02	8K MAIN BELT TENSIONER 6207 SPINDLE	1
7	BG.80020.01	8K MAIN TENSIONER SHEAVE 6207	1
8	BG.80022.01	8K MAIN BELT TENSIONER LWR SPINDLE SPACER 6207	1
9	BG.80023.03	8K MAIN BELT TENSIONER UPR SPINDLE SPACER 6207	1
10	BG.80124.00	8K MAIN BELT TENSIONER 6207 BEARING SPACER	1
11	BG.80047.10	BEARING, NACHI 6207-2NS	2
12	BG.80511.05	SLEEVE BEARING, OIL EMBEDDED ID1/2 X 1-1/2	1
13	BG.80016.00	MAIN TENSIONER SPACER	1
14	BG.80015.02	8K MAIN BELT TENSIONER STANCHION, HIGH STRENGTH	2
15	BG.80105.02	8K MAIN BELT TENSIONER LWR PIVOT SPACER, HIGH STRENGTH	1
16	BG.80105.03	8K MAIN BELT TENSIONER UPR PIVOR SPACER, HIGH STRENGTH	1
17	NB.13.116	SCREW, FLAT HEAD SOCKET, TORX CAP M6 -1.0 X 20	8
18	NB.10.218	SCREW, SOCKET HEAD CAP M8-1.25 X 20	4
19	NB.50.143	PIN, HARDENED M8 X 26	1
20	NB.12.116	SCREW, SOCKET HEAD CAP M6-1.0 X 20 12.9 ZINC	2
21	NB.13.218	SCREW, FLAT HEAD SOCKET CAP M8-1.25 X20	3





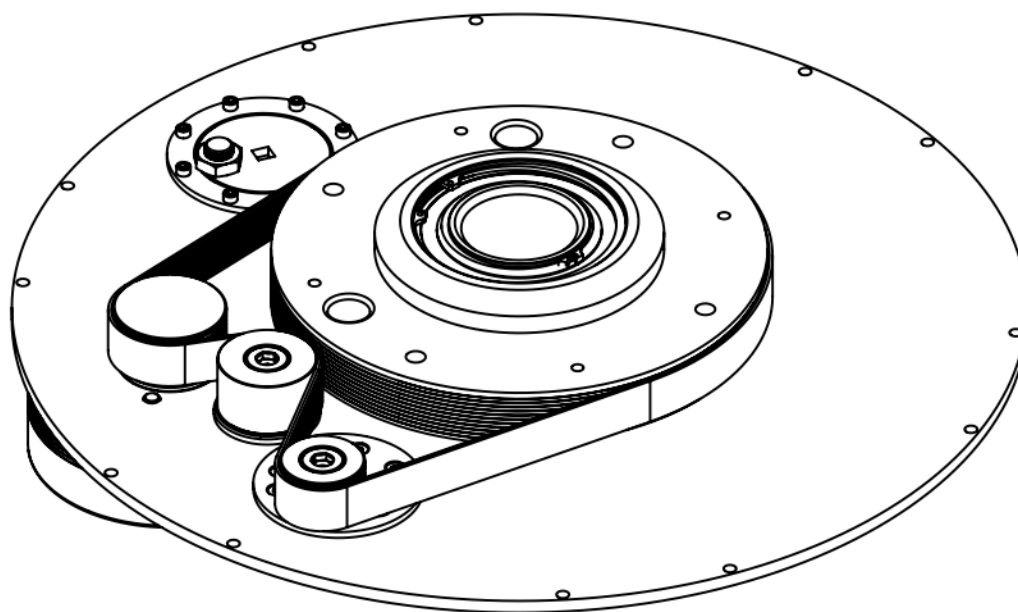
SECTION C-C
SCALE 1:3

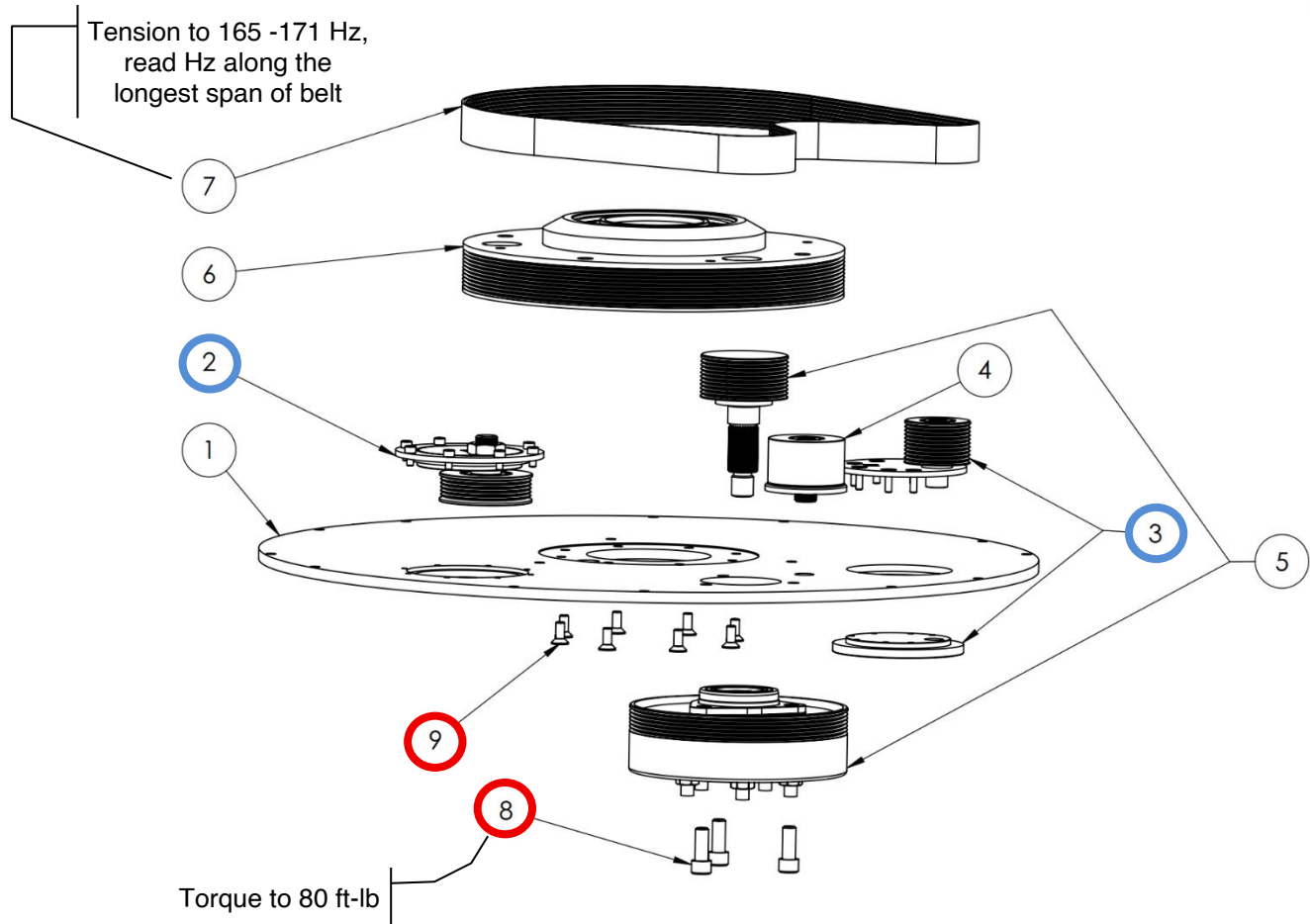
-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

BG.8A021.00 – 8K TOP DRUM SUB ASSEMBLY

Item No.	Part Number	Description	Qty.
1	BG.80028.00	TOP DRUM PLATE	1
2	BG.2A001.10	PTO TENSIONER SUBASSEMBLY, 6K/8K	1
3	BG.8A004.10	SUBASSEM, TOP TENSIONER	1
4	BG.8A003.10	SUBASSEM, TOP BELT IDLER	1
5	BG.8A002.00	SUBASSEM, INTERMEDIATE SHEAVE	1
6	BG.8A001.10	SUBASSEM, DRUM SHEAVE	1
7	BG.80041.00	TOP BELT	1
8	NB.12.252	SOCKET HEAD CAP SCREW - ZINC - M12X30	3
9	NB.13.218	SCREW, FLAT HEAD SOCKET CAP M8-1.25 X 20	8

Notes: 1. When installing BG.8A002.00, place spacer flat on top plate, with chamfer exposed. Install sheave, carefully line up bolt pattern. Now install #8. Insert axle, red LocTite 263, torque NB20108 to 150 ft-lbf

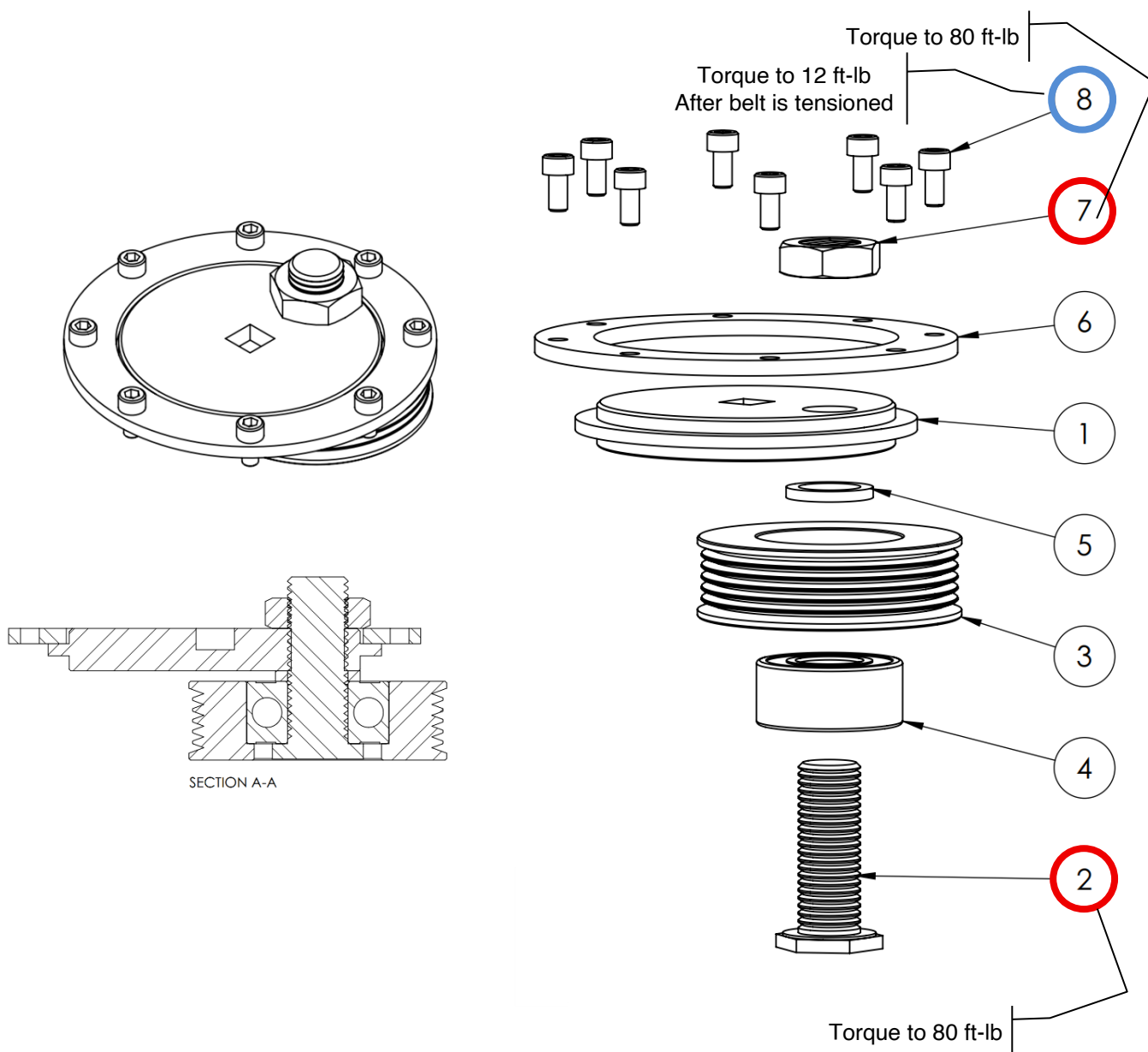




- = Red Loctite 263
- = Blue Loctite 242
- = Green Loctite 609

BG.2A001.10 – PTO TENSIONER SUBASSEMBLY, 6K/8K

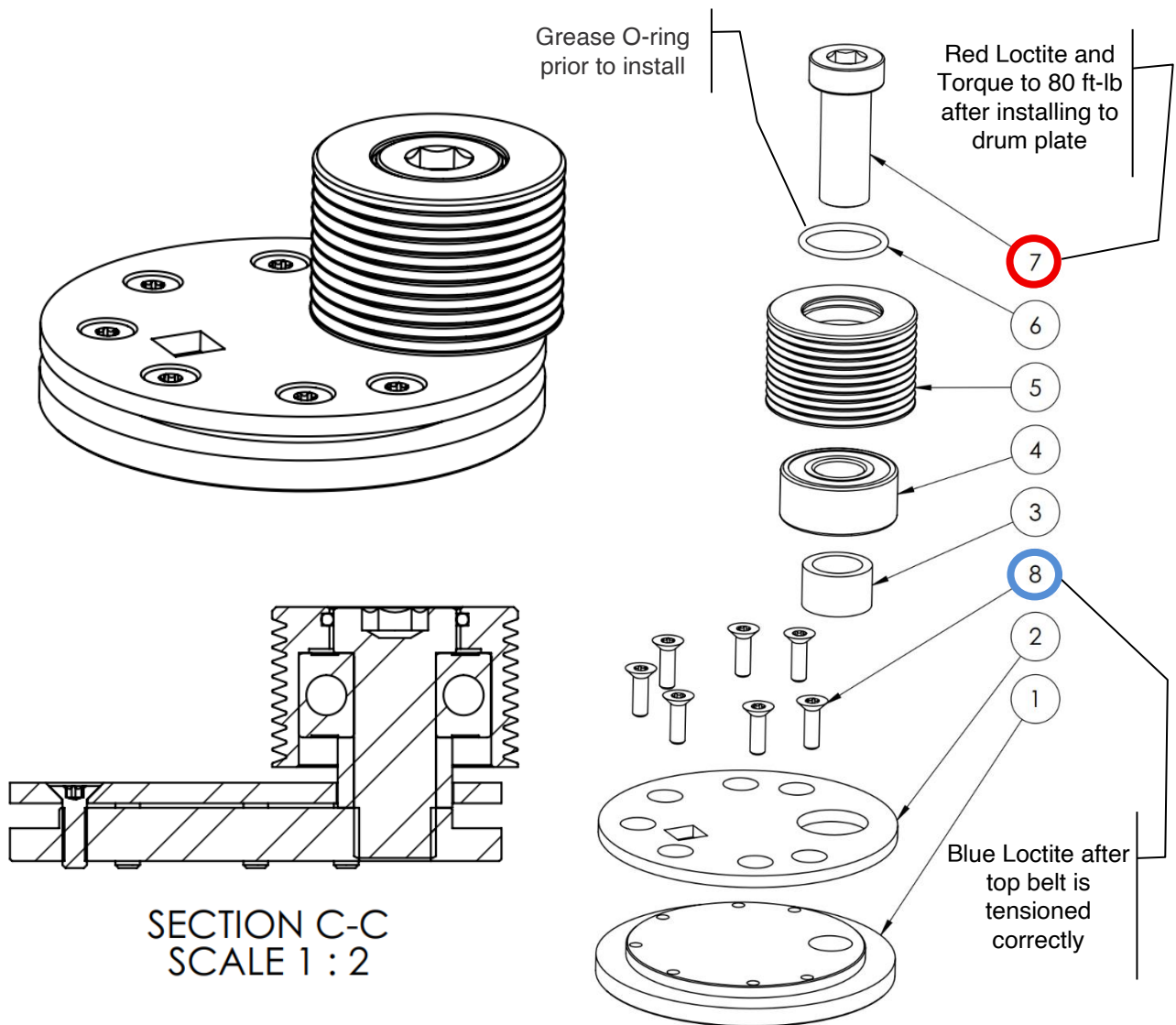
Item No.	Part Number	Description	Qty.
1	BG.20204.00	PLATE, PTO TENSIONER SUBASSEMBLY, 6K/8K	1
2	BG.20214.00	SCREW, HEX HEAD MODIFIED M20-2.5 X 55 /BG6K8K	1
3	BG.20212.00	IDLER, PTO TENSIONER SUBASSEMBLY, 6K/8K	1
4	BG.20220.10	BEARING, 3204-2RS	1
5	BG.20211.00	SPACER, PTO TENSIONER SUBASSEMBLY, 6K/8K	1
6	BG.20203.00	CLAMP, PTO TENSIONER SUBASSEMBLY 6K/8K	1
7	NB.20.110	NUT, JAM M20 - 2.5	1
8	NB.12.108	SOCKET HEAD CAP SCREW – ZINC – M6X12	8



-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

BG.8A004.10 – SUBASSEM, TOP TENSIONER

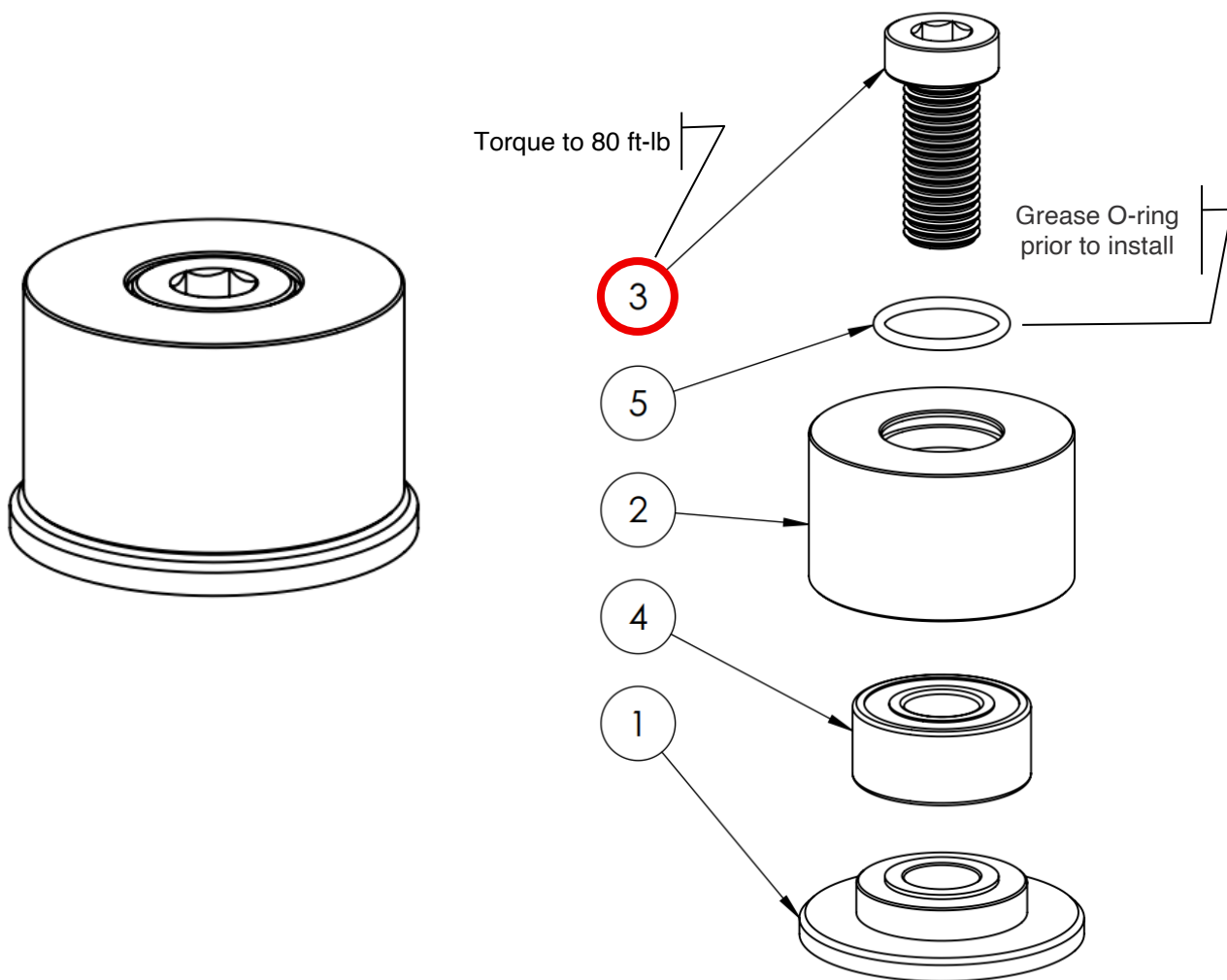
Item No.	Part Number	Description	Qty.
1	BG.20205.50	PLATE, BELT TENSIONER	1
2	BG.20206.50	CLAMP, TOP BELT TENSIONER	1
3	BG.20210.00	TOP BELT TENSION IDLER SPACER	1
4	BG.20220.10	BEARING, 3204-2RS	1
5	BG.80035.00	IDLER, TOP BELT TENSIONER	1
6	BG.20215.00	O-RING, M30	1
7	NB.12.263	SCREW, LOW SOCKET HEAD CAP M20-2.5 X 50	1
8	NB.13.116	SCREW, FLAT HEAD SOCKET, TORX CAP M6 -1.0 X 20	7



-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

BG.8A003.10 – SUBASSEM, TOP BELT IDLER

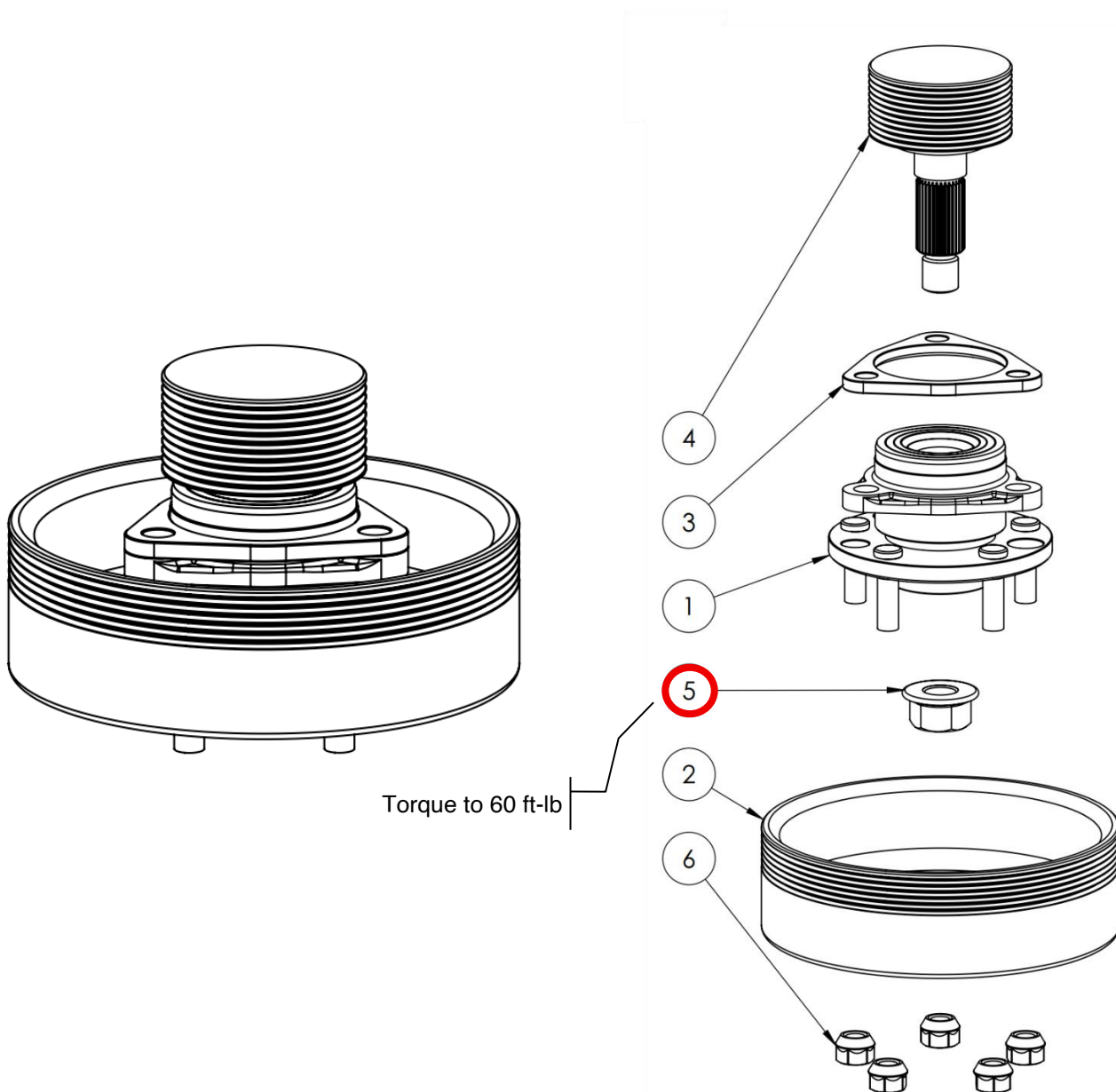
Item No.	Part Number	Description	Qty.
1	BG.80038.00	TOP BELT IDLER BASE	1
2	BG.80037.00	IDLER, TOP BELT	1
3	BG.80078.00	SCREW, MODIFIED SOCKET HEAD M20-2.5 X 46.8 ZINC	1
4	BG.20220.10	BEARING, 3204-2RS	1
5	BG.20215.00	O-RING, M30	1



-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

BG.8A002.00 – SUBASSEM, INTERMEDIATE SHEAVE

Item No.	Part Number	Description	Qty.
1	BG.20201.00	HUB TIMKIN BEARING	1
2	BG.80034.01	8K INTERMEDIATE SHEAVE	1
3	BG.20209.00	SPACER, PTO HUB	1
4	BG.80033.00	AXLE, INTERMEDIATE	1
5	NB.20.108	NUT, HEX FLANGE M20-2.5	1
6	NB.20.107	NUT ,LUG M12 X 1.5	5

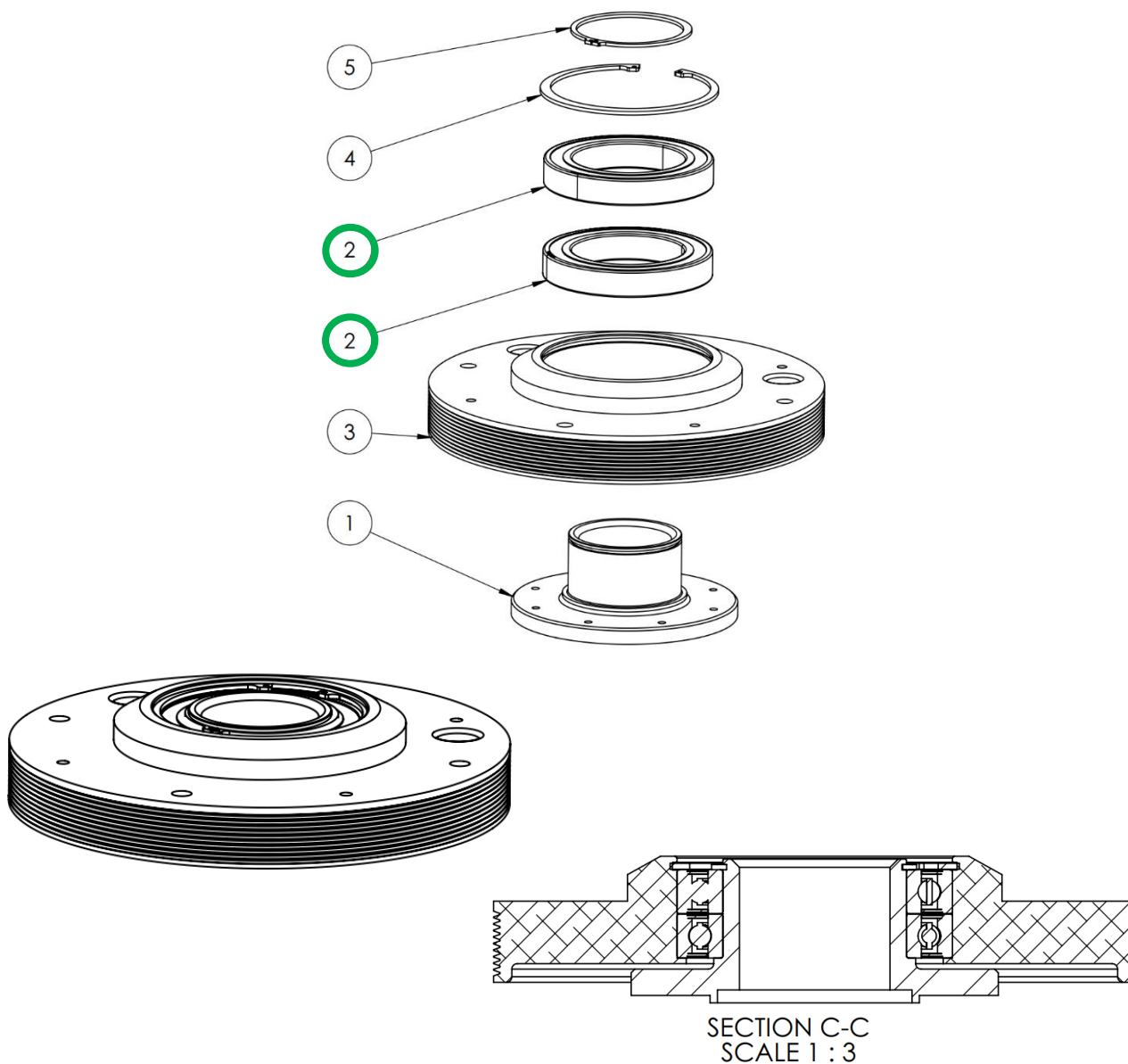


-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

BG.8A001.10 – SUBASSEM, DRUM SHEAVE

Item No.	Part Number	Description	Qty.
1	BG.80032.50	SPINDLE, DRUM	1
2	BG.20250.10	BEARING, 6020-2RS	2
3	BG.80029.50	SHEAVE, STATIONARY DRUM ALUMINUM	1
4	NB.40.131	RING, INTERNAL RETAINING M150	1
5	NB.40.133	RING, EXTERNAL RETAINING M100	1

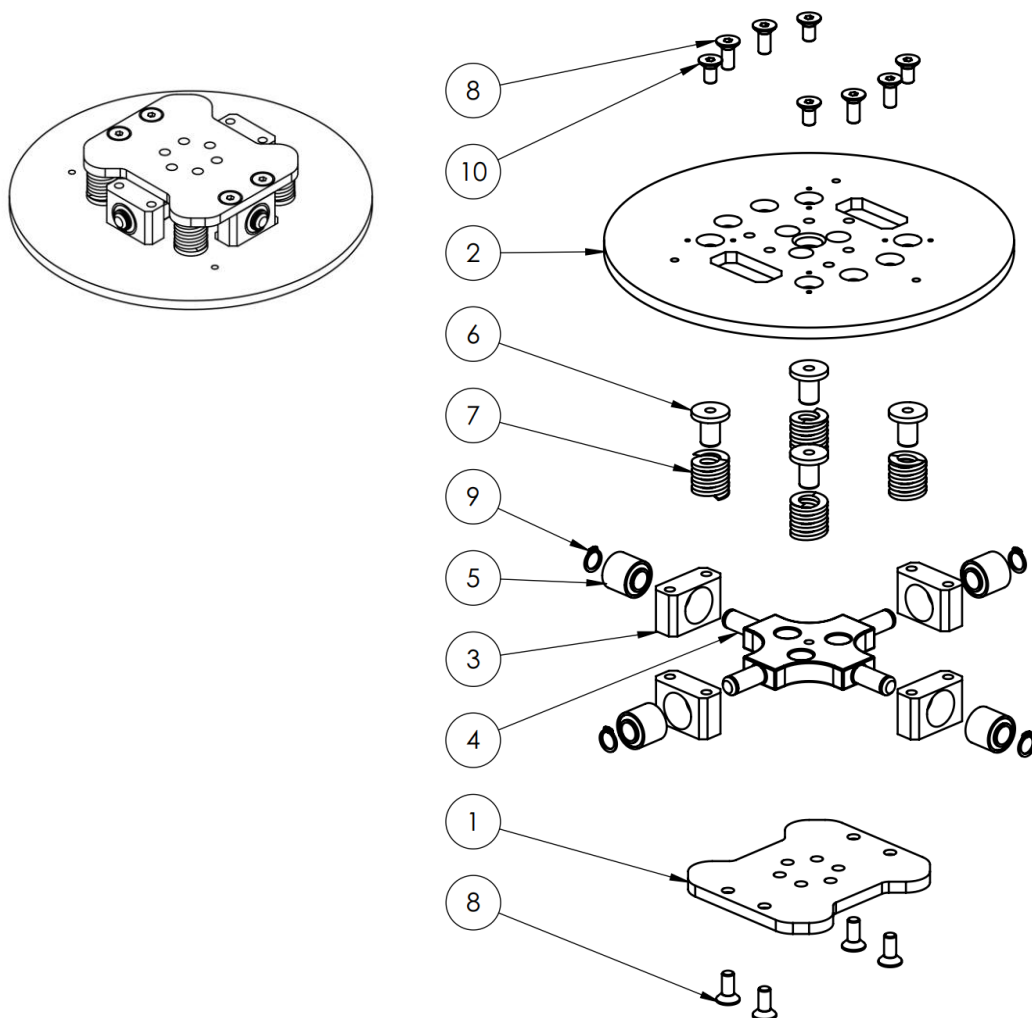
Notes: 1. Apply **Green LocTite 609**, inner and outer, where contacts spindle/sheave



-  = Red Loctite 263
-  = Blue Loctite 242
-  = Green Loctite 609

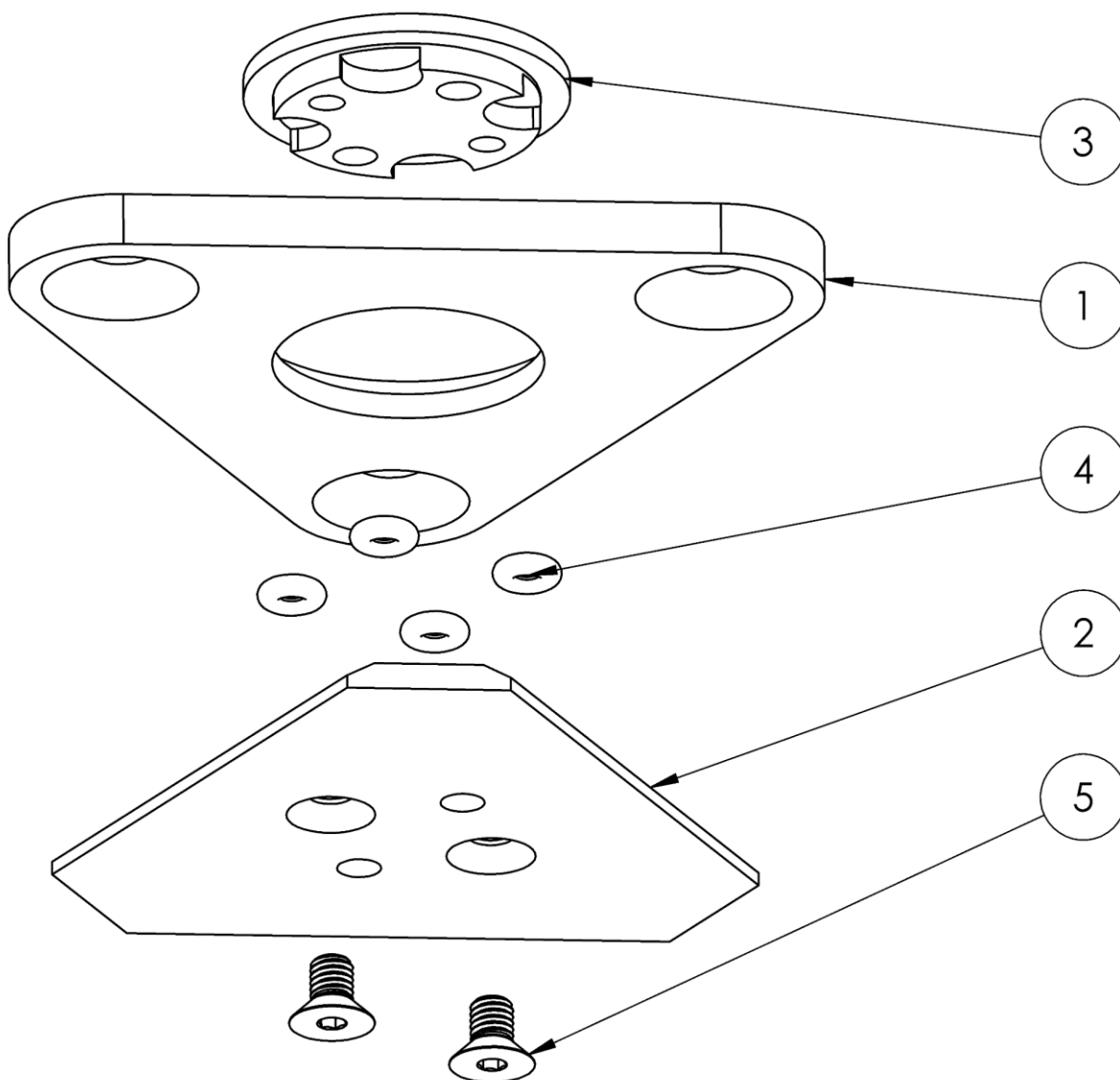
BG.8A010.85 - FLEX HEAD – 800

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	BG.20100.50	PLATE, DRIVING /BG6K BG8K BG5K	1
2	BG.20101.25	PLATE, DRIVEN	1
3	BG.20103.00	YOKE, SUSPENSION /BG6K BG8K	4
4	BG.20102.01	ELEMENT, CENTER STUDDED	1
5	BG.20109.00	BUSHING, YOKE /BG6K BG8K	4
6	BG.20106.25	POST, SPRING /BG6K 8K	4
7	BG.20106.51	SPRING, DIE RED MEDIUM HARD	4
8	NB.13.218	SCREW, FLAT HEAD SOCKET CAP M8-1.25 X 20	8
9	NB.40.113	RING, EXTERNAL 1/2"	4
10	NB.13.216	SCREW, FLAT HEAD SOCKET CAP M8-1.25 X 16	4



96-0780 - TOOLING TRIANGLE ASSEMBLY – 800 - A

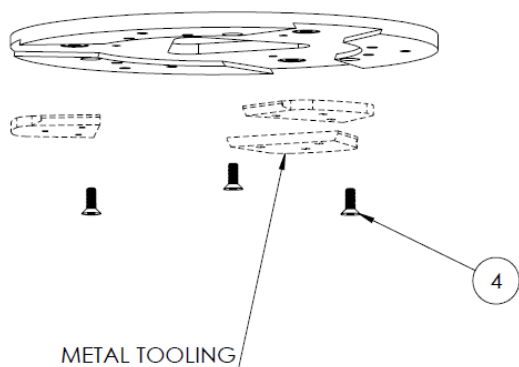
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	51-3352	TRIANGLE BASE 800	1
2	51-3346	TRIANGLE HOLDER 800	1
3	51-0110	TRIANGLE HOLDER CENTER ROTATOR	1
4	13-0142	O-RING (.125 ID X .313 OD X 0.94 W)	4 </td
5	12-0581-10	FLAT HEAD - M5X10 -SS	2



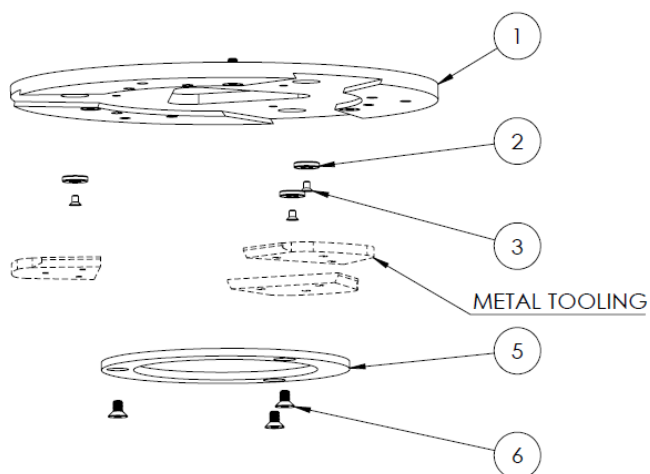
96-0781 - METAL TOOLING KIT – 800 - B

ITEM NO.	PART NUMBER	DESCRIPTION	SLIDE IN QTY.	SLIDE IN WITH RING QTY.	BOLT ON QTY.
1	51-3347	TOOLING PLATE 800	1	1	1
2	13-0650	METAL TOOLING MAGNET	3	3	3
3	12-0481-06	FLAT HEAD PHILLIPS SCREW – M4X6 - SS	3	3	3
4	12-0680-16	FLAT HEAD SOCKET SCREW – M6X16 - ZINC	3	3	12
5	51-3348	METAL TOOLING RING 800		1	
6	12-0680-10	FLAT HEAD SOCKET SCREW – M6X10 - ZINC		3	

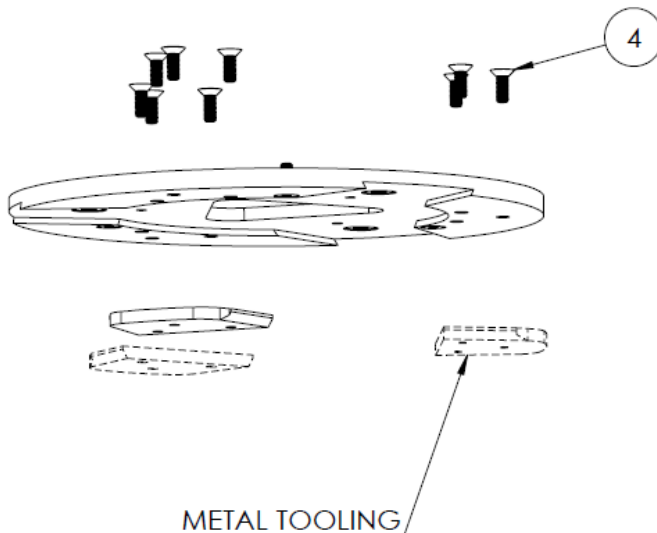
SLIDE IN TOOLING
(WITH TRANSPORT LOCKING SCREWS)



SLIDE IN TOOLING
(WITH LOCKING RING)

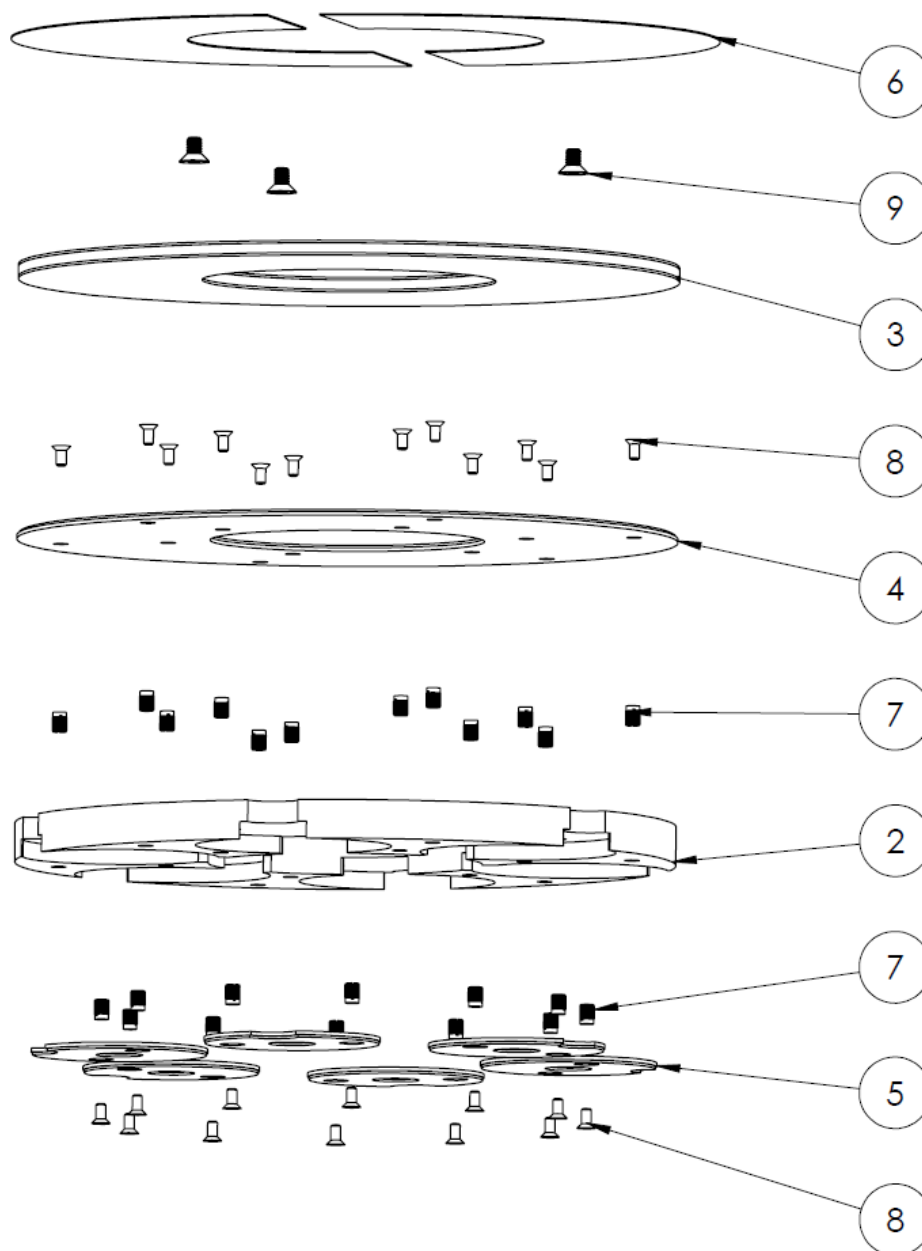


BOLT ON TOOLING



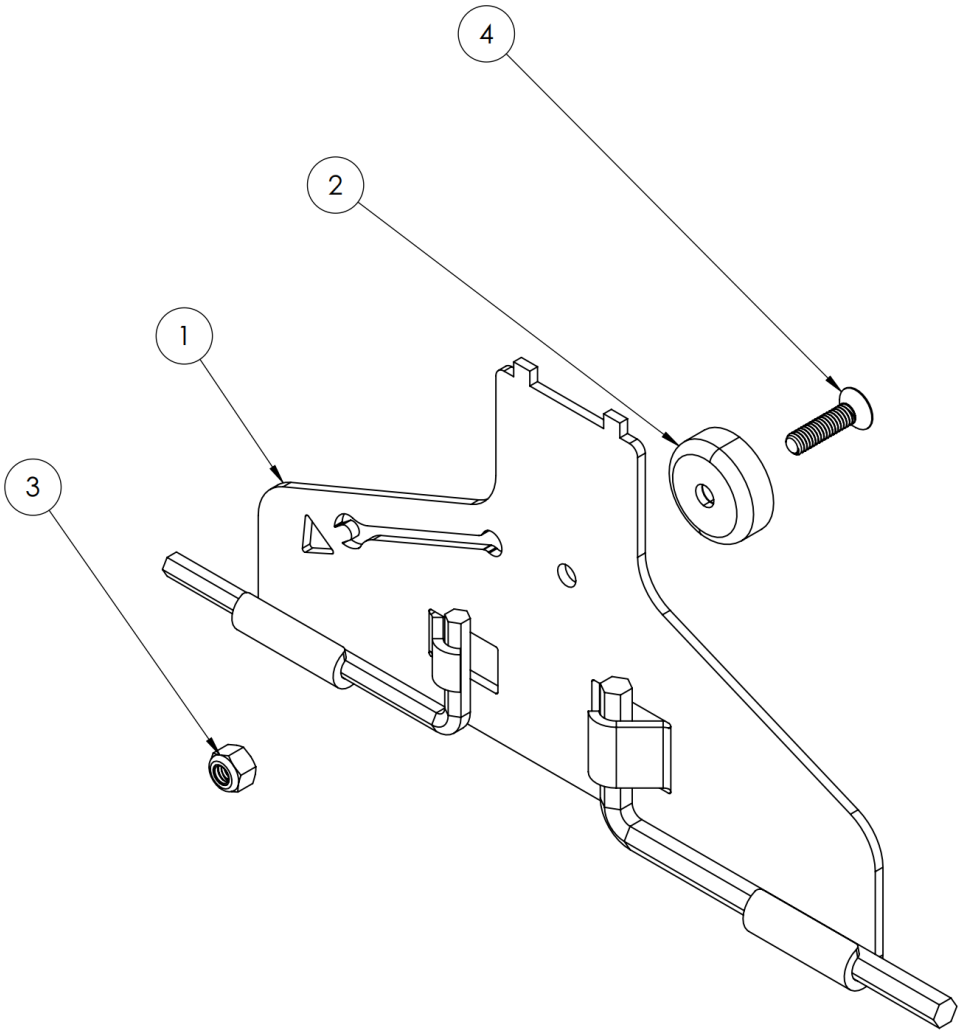
96-0782 RESIN TOOLING PLATE ASSEMBLY 3IN 800 – A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	51-3349	RESIN TOOLING PLATE 800	1
2	51-3350	RESIN TOOLING HOLDER 800	1
3	13-0655	FOAM RISER ASSEMBLY 800	1
4	13-0662	RESIN TOOLING VELCRO PLATE 800	1
5	13-0653	RESIN TOOLING PLATE VELCRO 3IN	6
6	13-0664	ADHESIVE/VELCRO LOOP HALF 800	2
7	13-0654	PRESS-IN INSERT - M4 - BRASS	24
8	12-0480-08	FLAT HEAD PHILLIPS SCREW - M4X8 - ZINC	24
9	12-0680-10	FLAT HEAD SOCKET SCREW - M6X10 - ZINC	3

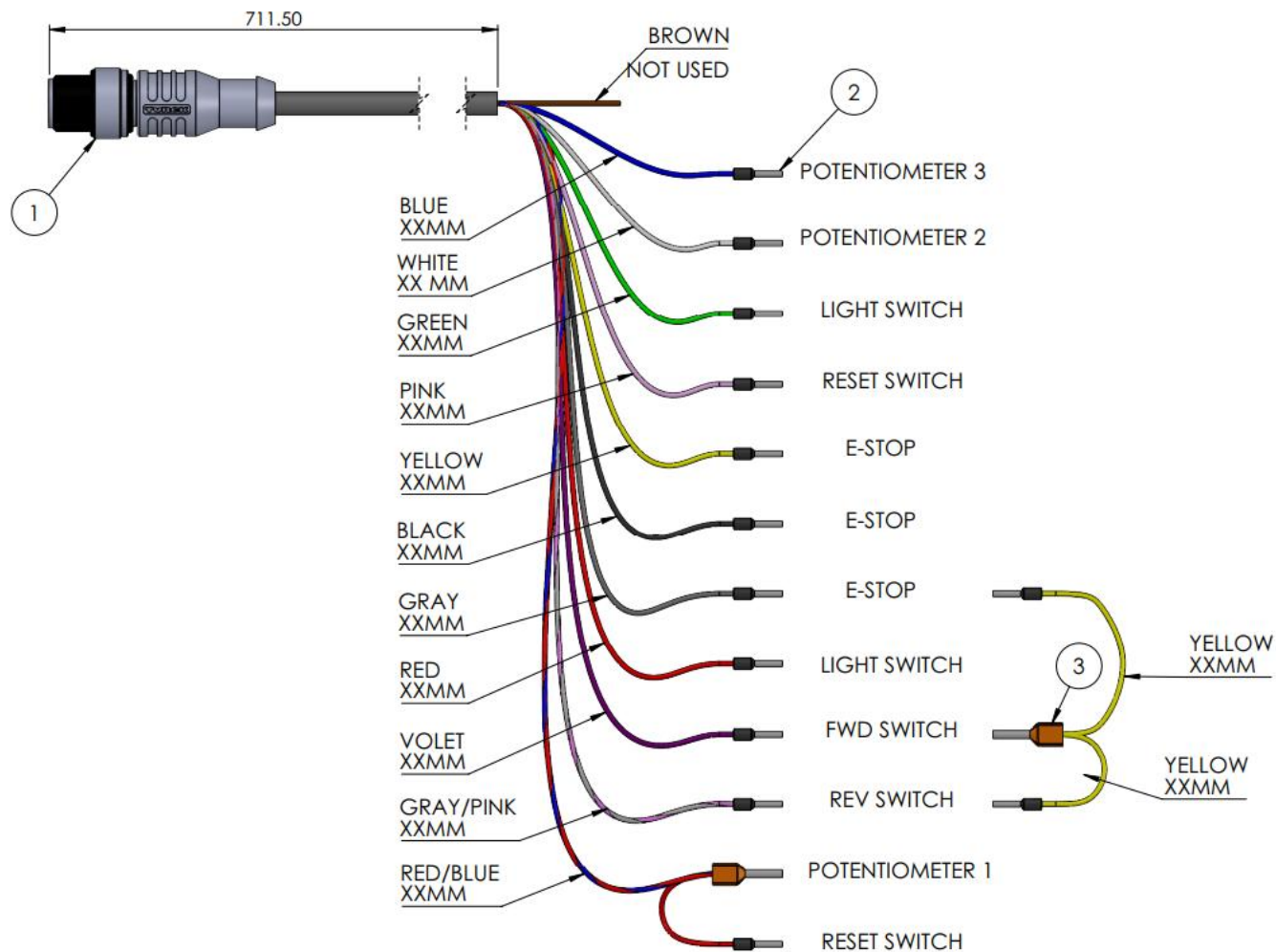


96-0456 – TOOLING WRENCH

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	52-0628	TOOLING WRENCH FLAT	1
2	13-0115	WRENCH MAGNET	1
3	12-0440	NYLOC NUT – M4 - ZINC	1
4	12-0480-16	FLAT HEAD – M4X16 - ZINC	1



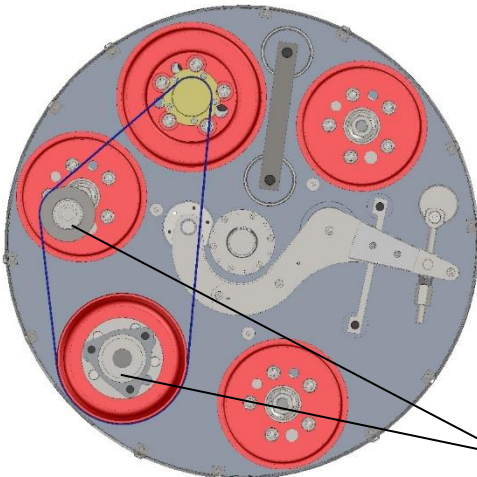
24-0209 – WIRING HARNESS 800E/650E



BELT TENSIONS

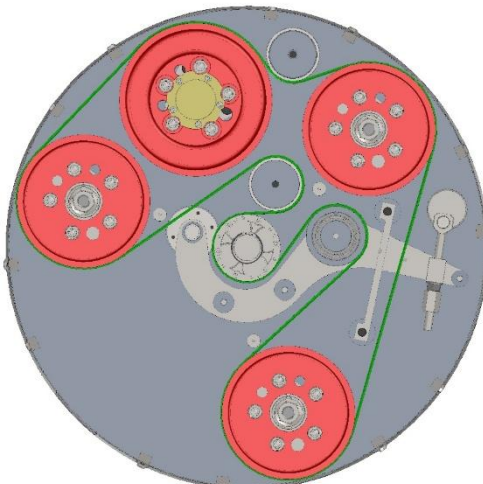


TOP BELT
PDG.80041.00
165-171 HZ



PTO BELT
PDG.80040.00
88-93 HZ

These sheaves are
located on top
assembly.



MAIN BELT
PDG.80039.00
85-88 HZ

Page intentionally left blank.

CONTRACTOR PROVEN EQUIPMENT SINCE 1946

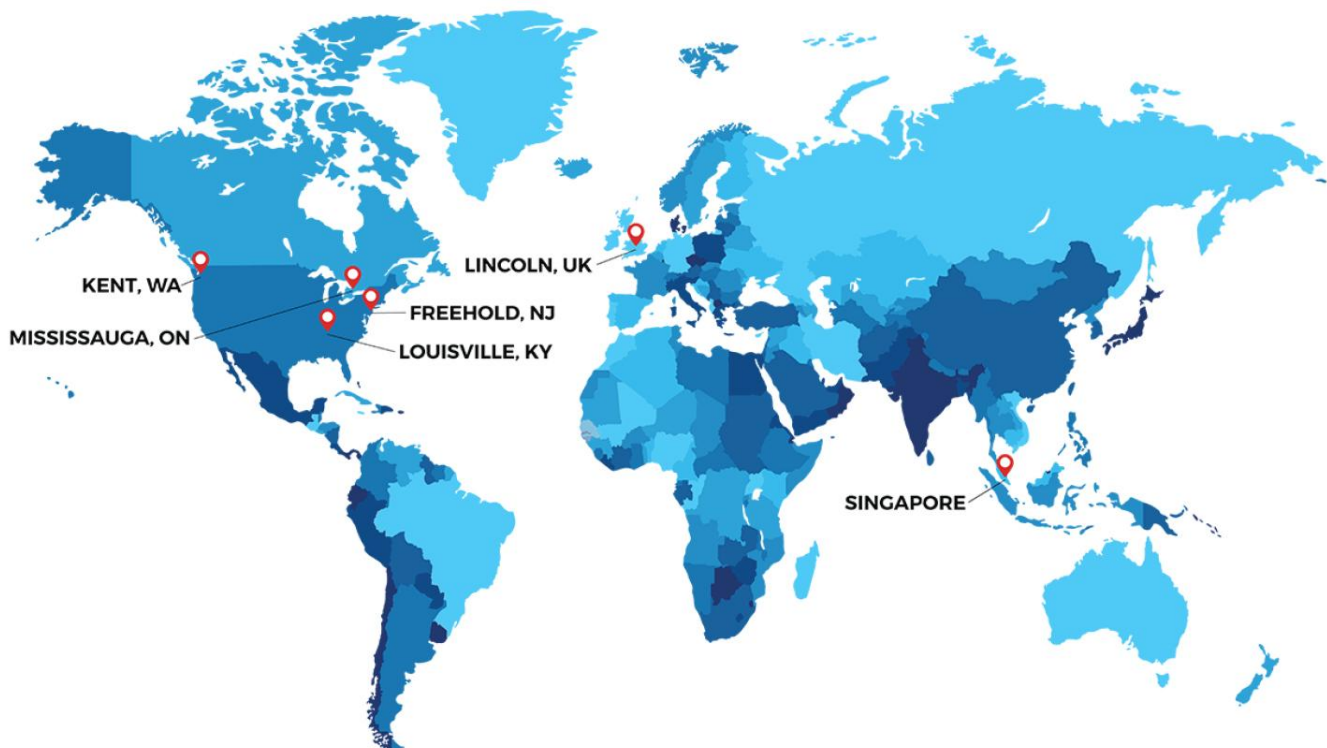


170 Traders Blvd E
Mississauga, ON L4Z 1W7
Canada

4701 Allmond Avenue
Louisville, KY 40209
United States

200 Commerce Drive
Freehold, NJ 07728
United States

Honeyholes Lane
Dunholme, Lincoln LN2 3SU
United Kingdom



BartellGlobal.com