

OPERATOR'S MANUAL [ENGLISH]:

PORK STOMACH SPLITTER AND CLEANER
KSS-1

INCLUDING: OPERATION, INSTRUCTION, INSTALLATION AND MAINTENANCE

**IMPORTANT: READ THIS MANUAL CAREFULLY BEFORE INSTALLING,
OPERATING OR SERVICING THIS TOOL.**

TOOL DATA

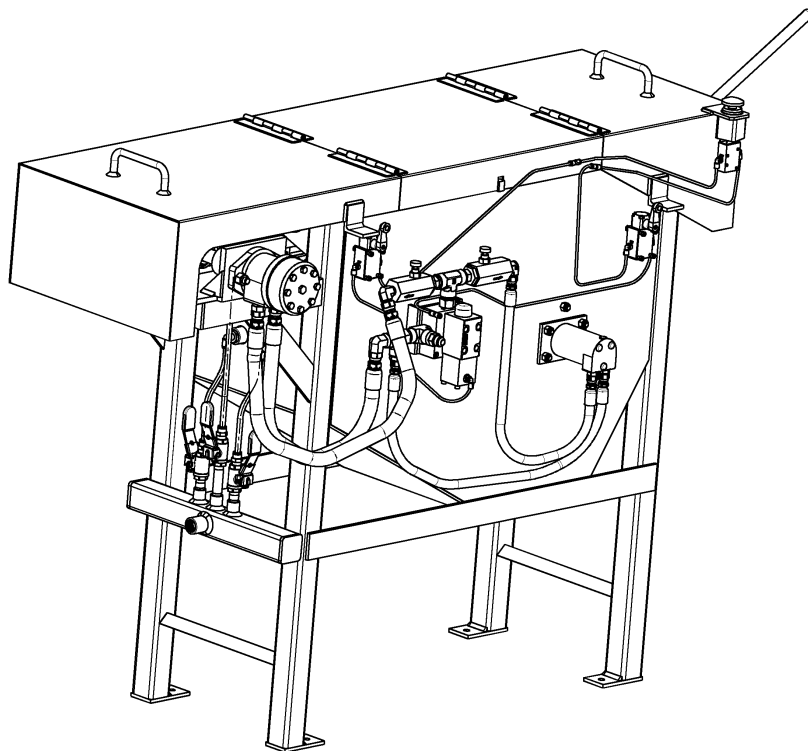
MODEL: KSS-1

ASSEMBLY No: 1170000

TYPE: HYDRAULIC PUMP, AIR/ELECTRIC OPERATED

HYDRAULIC PRESSURE: 2000 P.S.I. MAXIMUM

INLET AIR PRESSURE: 90 P.S.I. (6-7) BARS OPTIMAL, (67PSI MIN)



KSS-1

GENERAL INFORMATION

COVERING: SAFETY PRECAUTIONS AND PLACING INTO SERVICE

KSS-1**READ THIS MANUAL CAREFULLY BEFORE INSTALLING, OPERATING OR SERVICING
THIS TOOL**

IT IS THE RESPONSIBILITY OF THE EMPLOYER TO PLACE THIS INFORMATION INTO THE HANDS OF THE OPERATOR.

PLACING INTO SERVICE

= Hazards or unsafe practices which could result in severe personal injury, death or substantial property damage.



= Hazards or unsafe practices which could result in minor personal injury, product or property damage.



= Important installation, operation or maintenance information.



Installation, adjustment repair and maintenance of this tool must be made by trained and qualified personnel.



Always disconnect power supply from tool before:

- (A) Installing or removing blade from tool.
- (B) Making repairs or adjustments to the tool.
- (C) performing maintenance or cleanup work.

OPERATING INSTRUCTIONS

Check chain tightener to ensure chain is pulling the product through the machine and not bunching up.

Make sure there are no obstructions on the discharge end. This prevents product being pulled back into the machine.

The gratings must be installed to help the product fan out to help in the cleaning of the product.

Check water spray nozzles spraying to make sure they are clear.

The machine is designed so that the blade and chain speeds can be controlled separately. Depending on the line speed the chain can be adjusted accordingly. The blade speed is typically faster than the chain speed.

We recommend that you stock the inner hub KM# 7400053 and outer hub KM# 7400054. These parts hold the blade.

SERVICE

1. KEEP GOOD RECORDS OF ALL SERVICE ACTIVITY AND INCLUDE TOOL IN YOUR PREVENTIVE MAINTENANCE PROGRAM.
2. USE ONLY GENUINE KENTMASTER REPLACEMENT PARTS TO ASSURE PROPER PERFORMANCE OF TOOL.
3. CONTACT THE KENTMASTER SUPPLIER NEAREST YOU FOR PARTS AND CUSTOMER SERVICE INFORMATION.

PARTS MANUAL

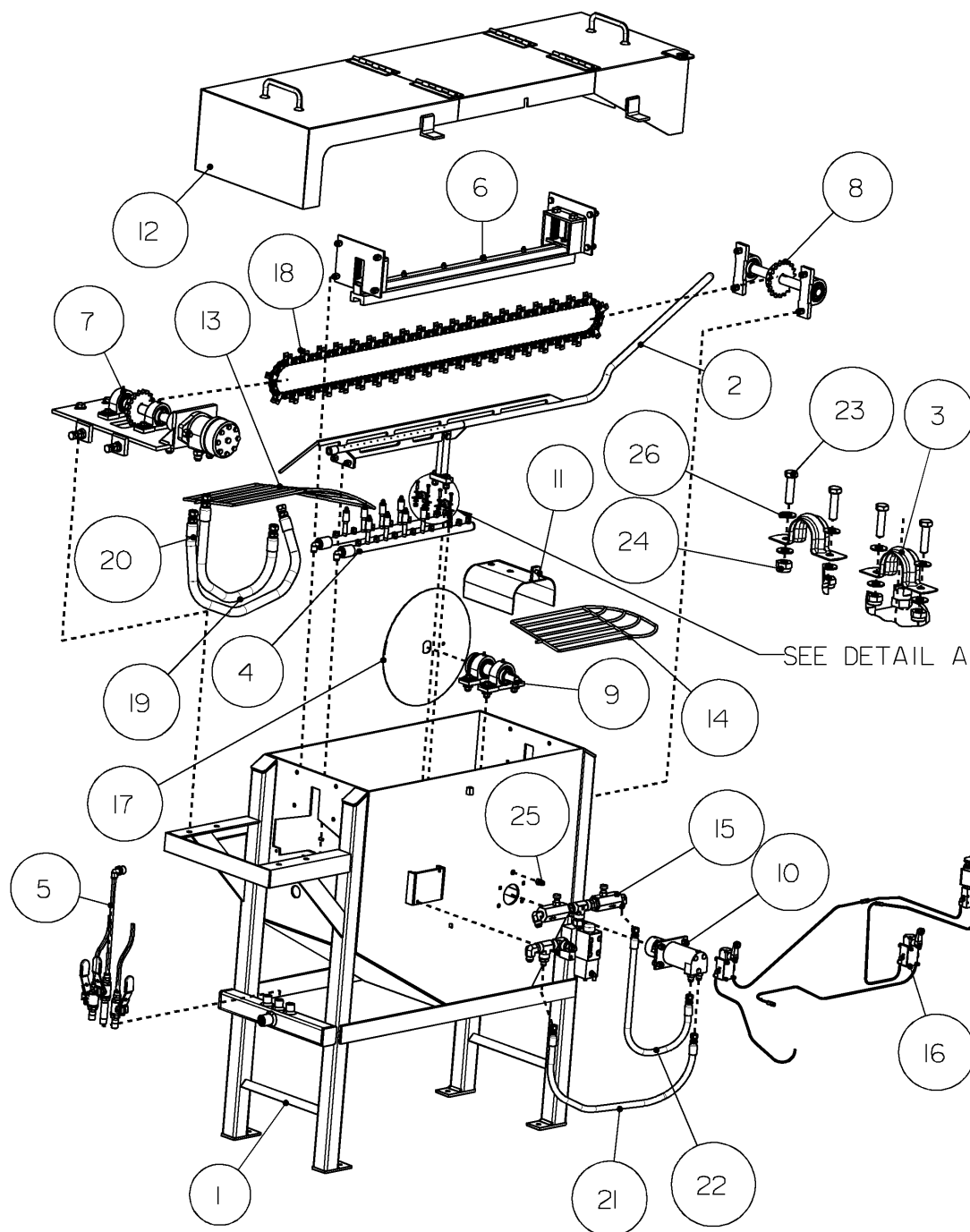
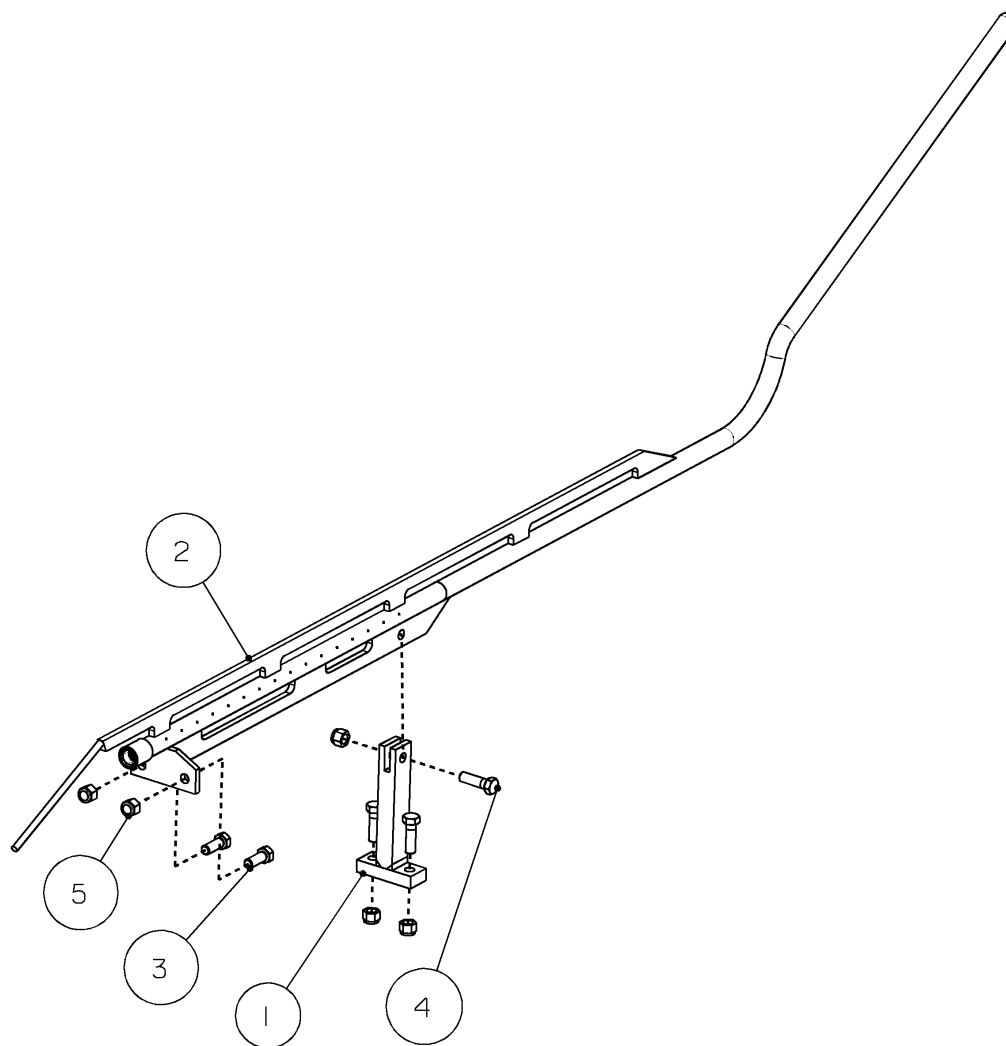


Figure 1: KSS-1 MAIN ASSEMBLY

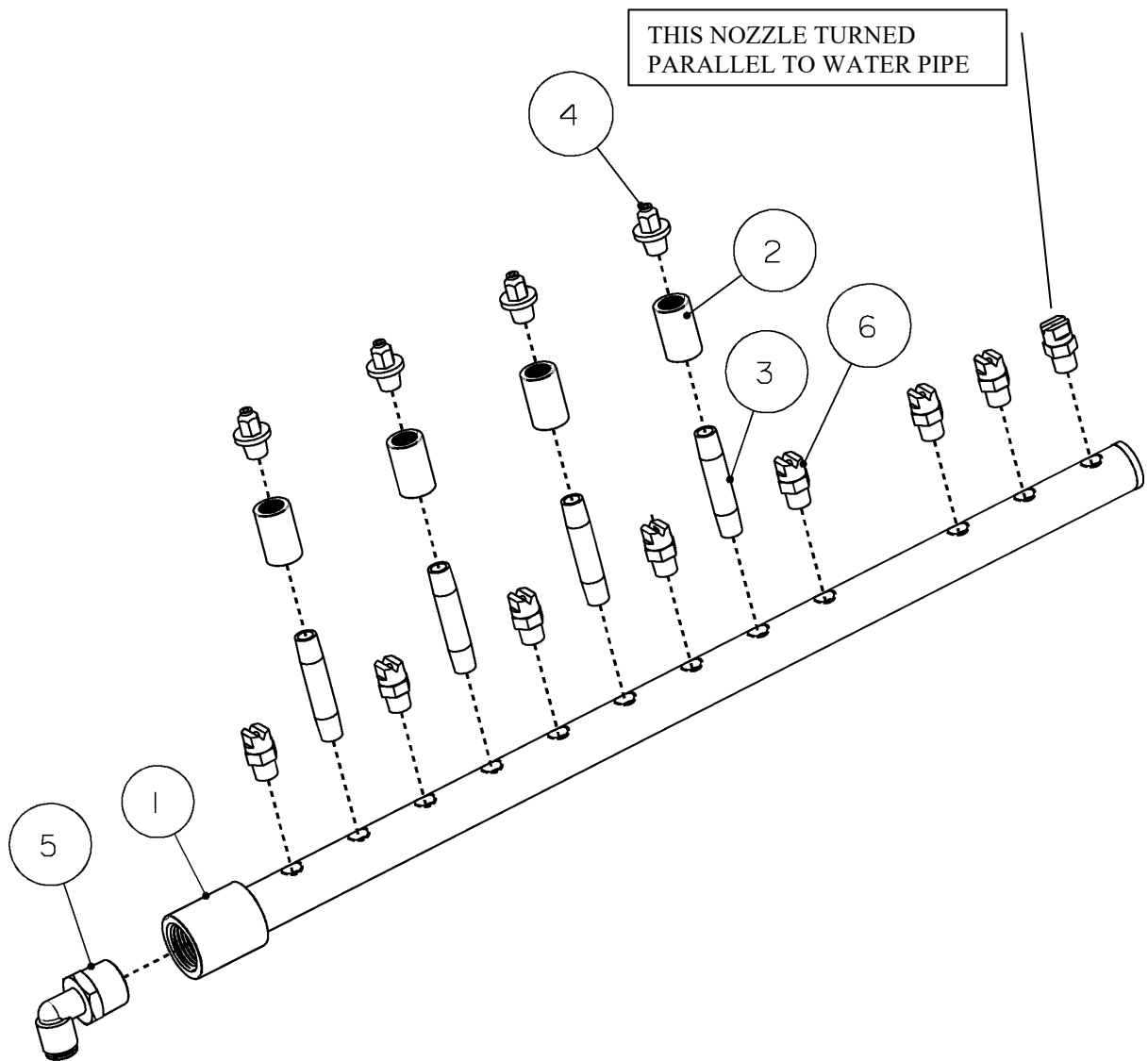
1170000: STOMACH SPLITTER - KSS-1			
ITEM	PART #	DESCRIPTION	QTY
1	1170100	STOMACH SPLITTER - FRAME	1
2	1170605	BAR FEED SPRAY ASSEMBLY	1
3	1170690	CLAMP	2
4	1170700	WASH ROD ASSEMBLY	2
5	1170750	SHUT-OFF VALVE ASS'Y	1
6	1170805	CHAIN TENSION ASSEMBLY w/BRACKETS	1
7	1170900	TAKE UP ASSEMBLY - STOMACH SPLITTER	1
8	1170950	IDLER ASSEMBLY	1
9	1171000	SAW ASSEMBLY - STOMACH SPLITTE	1
10	1171010	SAW HYDRAULIC MOTOR ASS'Y	1
11	1171070	BEARING COVER	1
12	1171400	LID ASSEMBLY	1
13	1171500	GRATE ASS'Y - RH	1
14	1171600	GRATE ASS'Y - LH	1
15	1171700	FLOW CONTROL VALVE ASSEMBLY	1
16	1171750	AIR CONTROL ASSEMBLY, KSS-1	1
17	4000470	13.0" SAW BLADE, 80 TEETH	1
18	6660010	CHAIN	1
19	7303570	HYDRAULIC HOSE - RETURN LINE	1
20	7303570	HYDRAULIC HOSE	1
21	7303680	HYDRAULIC HOSE - RETURN LINE	1
22	7303690	HYDRAULIC HOSE	1
23	8409060	SCREW	4
24	8504090	NUT	4
25	8504150	NUT	1
26	8505090	WASHER	8

Figure 2 : KSS-1 BOM



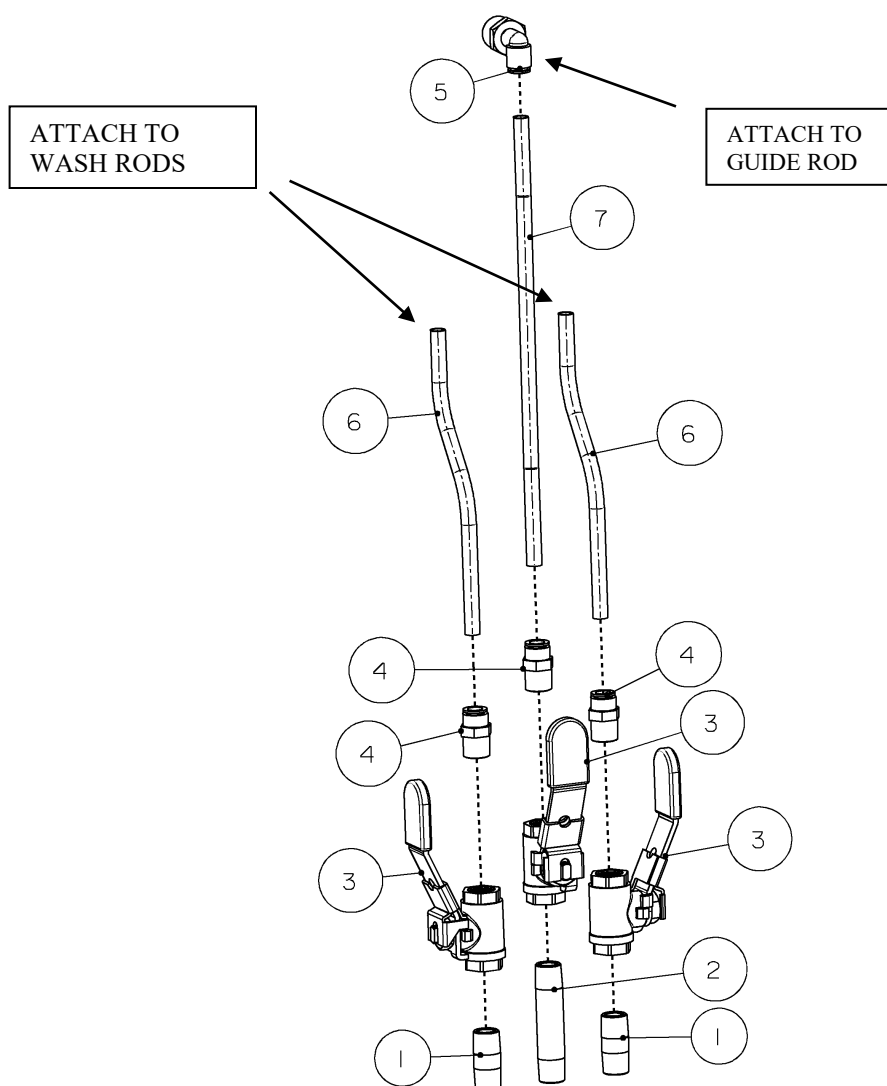
1170605: BAR FEED SPRAY ASSEMBLY			
ITEM	PART #	DESCRIPTION	QTY
1	1170210	GUIDE MOUNT BRACKET	1
2	1170600	BAR FEED SPRAY SET	1
3	8415080	SCREW	2
4	8415100	SCREW	3
5	8504150	NUT	5

Figure 3 : 1170605 - BAR FEED SPRAY ASSEMBLY



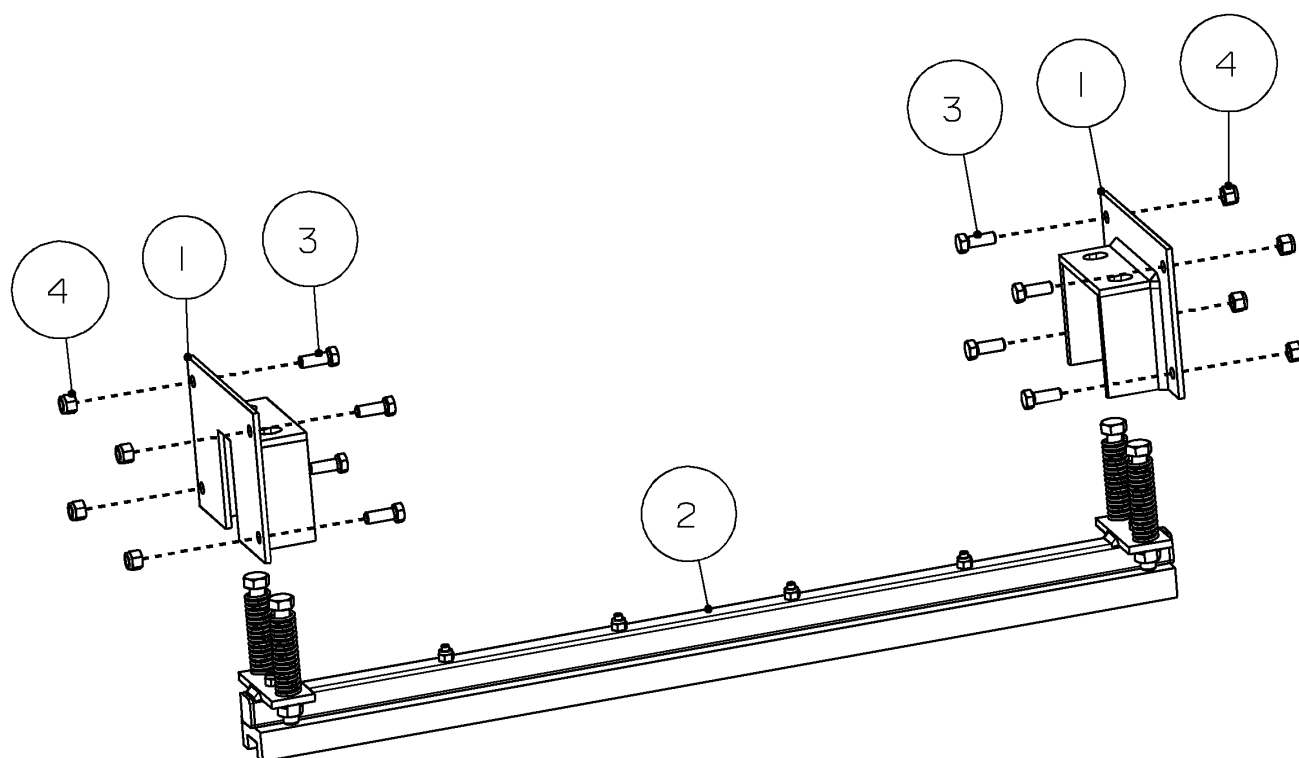
1170700: WASH ROD ASSEMBLY			
ITEM	PART #	DESCRIPTION	QTY
1	1170730	WASH ROD	1
2	7001100	COUPLING	4
3	7001610	NIPPLE	4
4	7011680	SPRAY NOZZLE	4
5	7036580	ELBOW	1
6	7808170	SPRAY NOZZLE	8

Figure 4 : 1170700 - WASH ROD ASSEMBLY



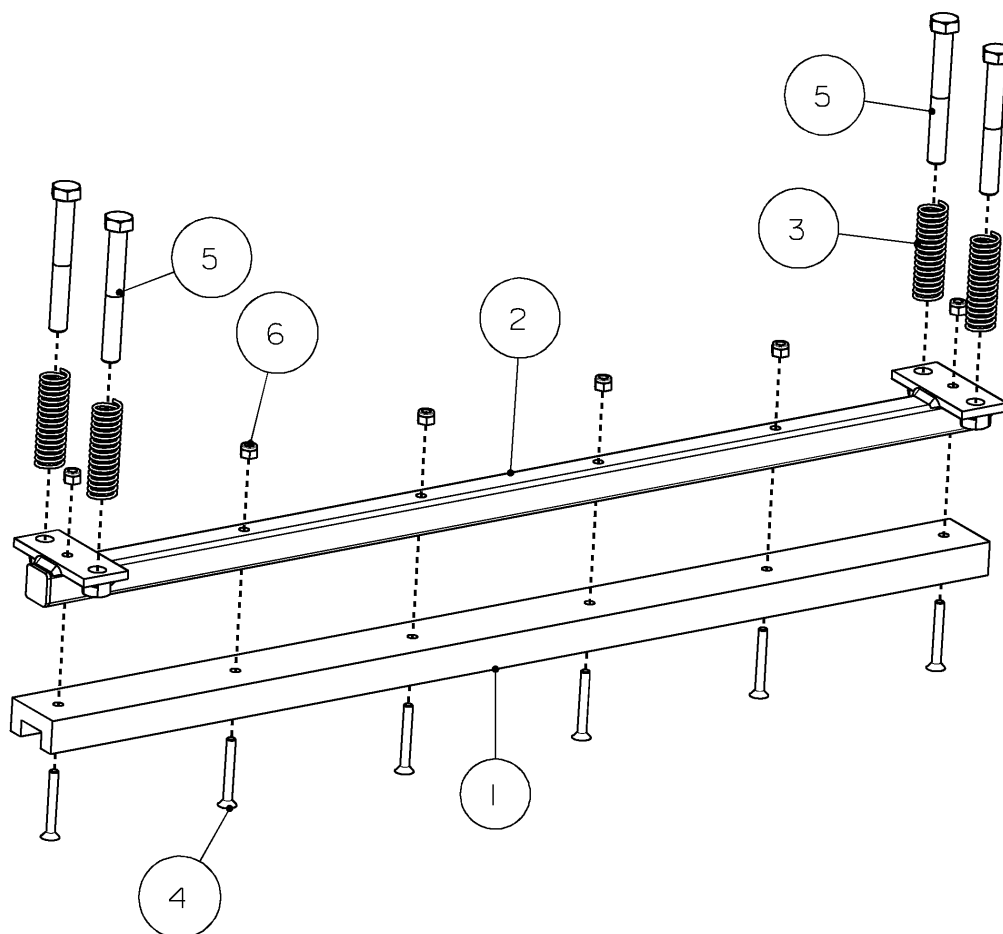
1170750: SHUT-OFF VALVE ASS'Y			
ITEM	PART #	DESCRIPTION	QTY
1	7001800	NIPPLE	2
2	7001830	NIPPLE	1
3	7025140	SHUT OFF VALVE	3
4	7036150	FITTING	3
5	7036580	ELBOW	1
6	7300757	TUBE	2
7	7300757	TUBE	1

Figure 5 : 1170750 - SHUT-OFF VALVE ASSEMBLY



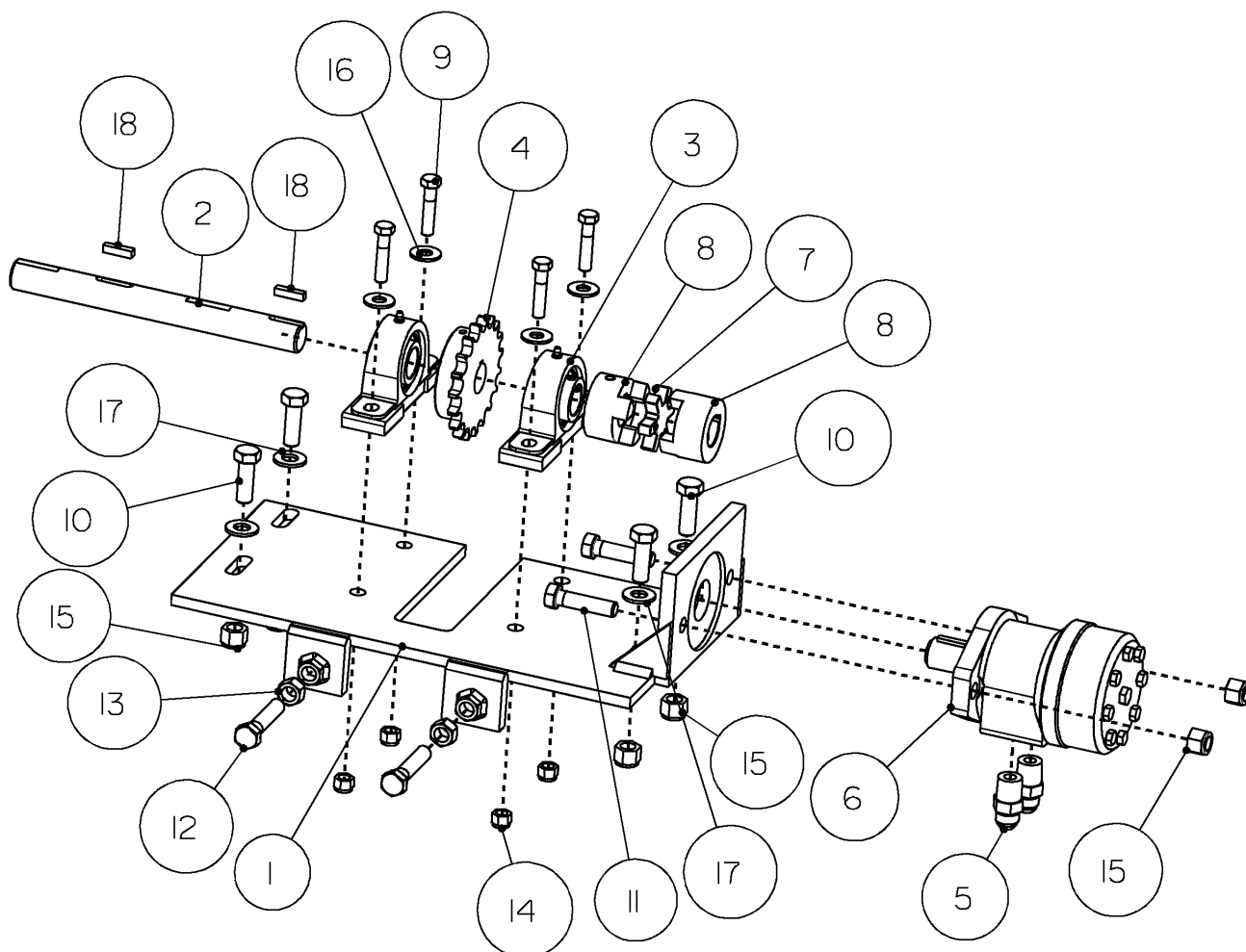
1170805: CHAIN TENSION ASSEMBLY w/BRACKETS			
ITEM	PART #	DESCRIPTION	QTY
1	1170300	BRACKET, CHAIN TENSION	2
2	1170800	CHAIN TENSIONER ASSEMBLY	1
3	8415080	SCREW	8
4	8504150	NUT	8

Figure 6 : 1170805 - CHAIN TENSION ASSEMBLY w/BRACKETS



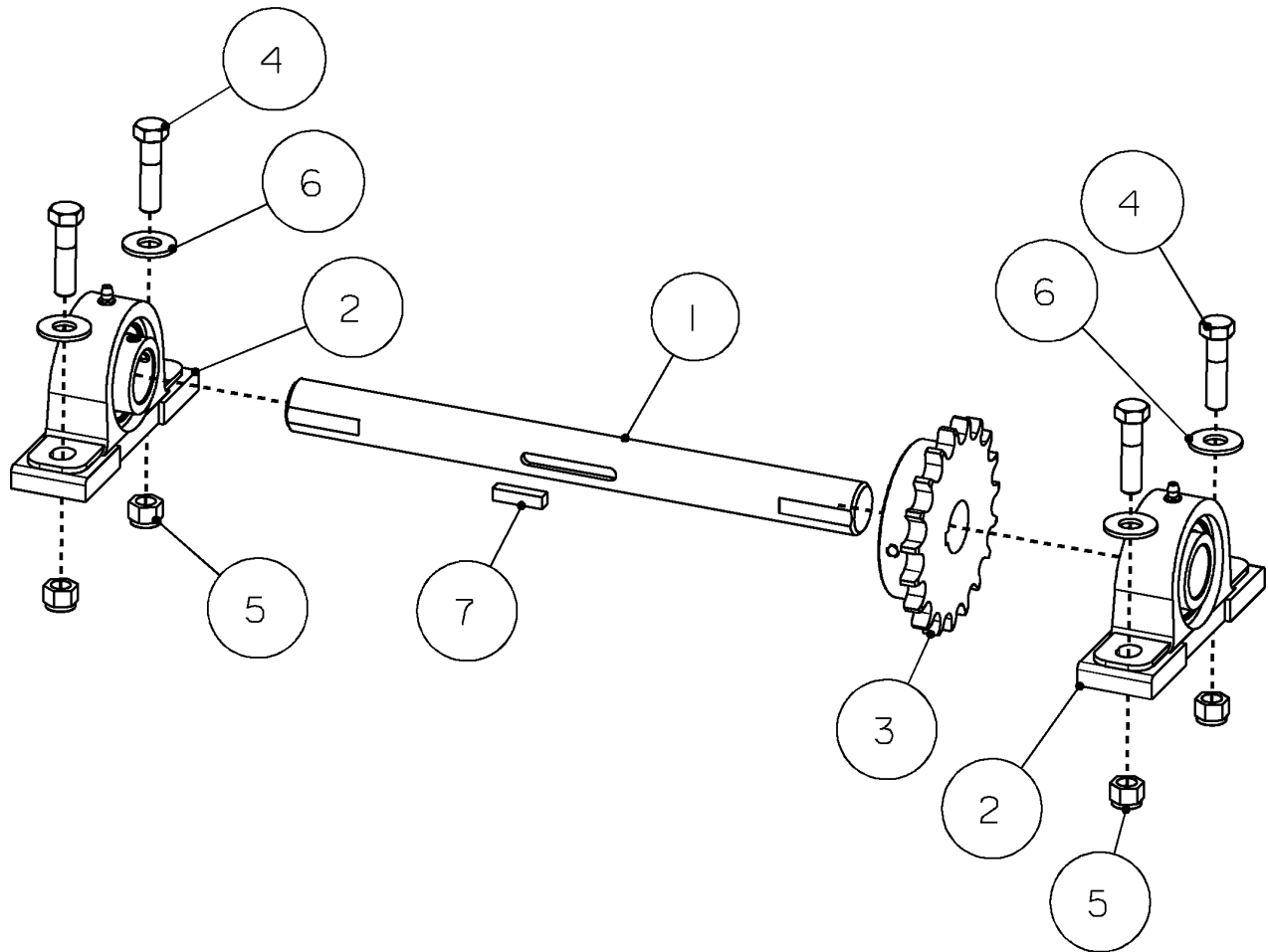
1170800: CHAIN TENSIONER ASSEMBLY			
ITEM	PART #	DESCRIPTION	QTY
1	1170820	CHAIN GLIDE	1
2	1170850	TENSIONER BAR	1
3	1170860	SPRING	4
4	8241160	SCREW	6
5	8418270	SCREW	4
6	8504110	NUT	6

Figure 7 : 1170800 – CHAIN TENSIONER ASSEMBLY



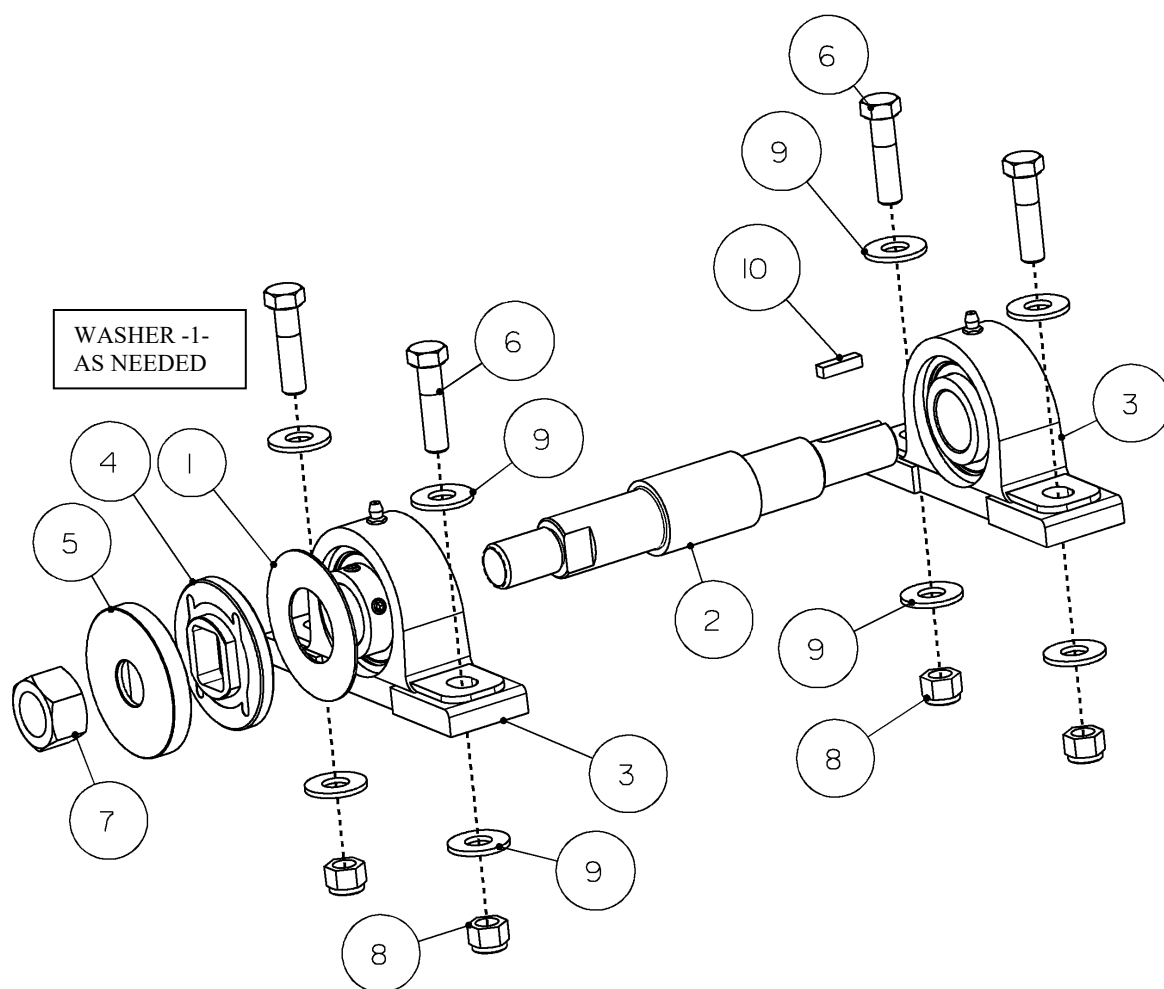
1170900: TAKE UP ASSEMBLY							
ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	1170630	TAKE UP SLIDE PLATE	1	10	8418120	SCREW	4
2	1170880	DRIVE SHAFT	1	11	8418160	SCREW	2
3	3720010	PILLOW BLOCK	2	12	8418200	SCREW	2
4	6660190	SPROCKET	1	13	8500200	NUT	2
5	7012200	CONNECTOR	2	14	8504150	NUT	4
6	7400291	HYDRAULIC MOTOR	1	15	8504170	NUT	6
7	7805130	SPIDER	1	16	8505160	WASHER	4
8	7805250	COUPLING	2	17	8505180	WASHER	4
9	8415140	SCREW	4	18	8605081	KEY	2

Figure 8 : 1170900 – TAKE UP ASSEMBLY



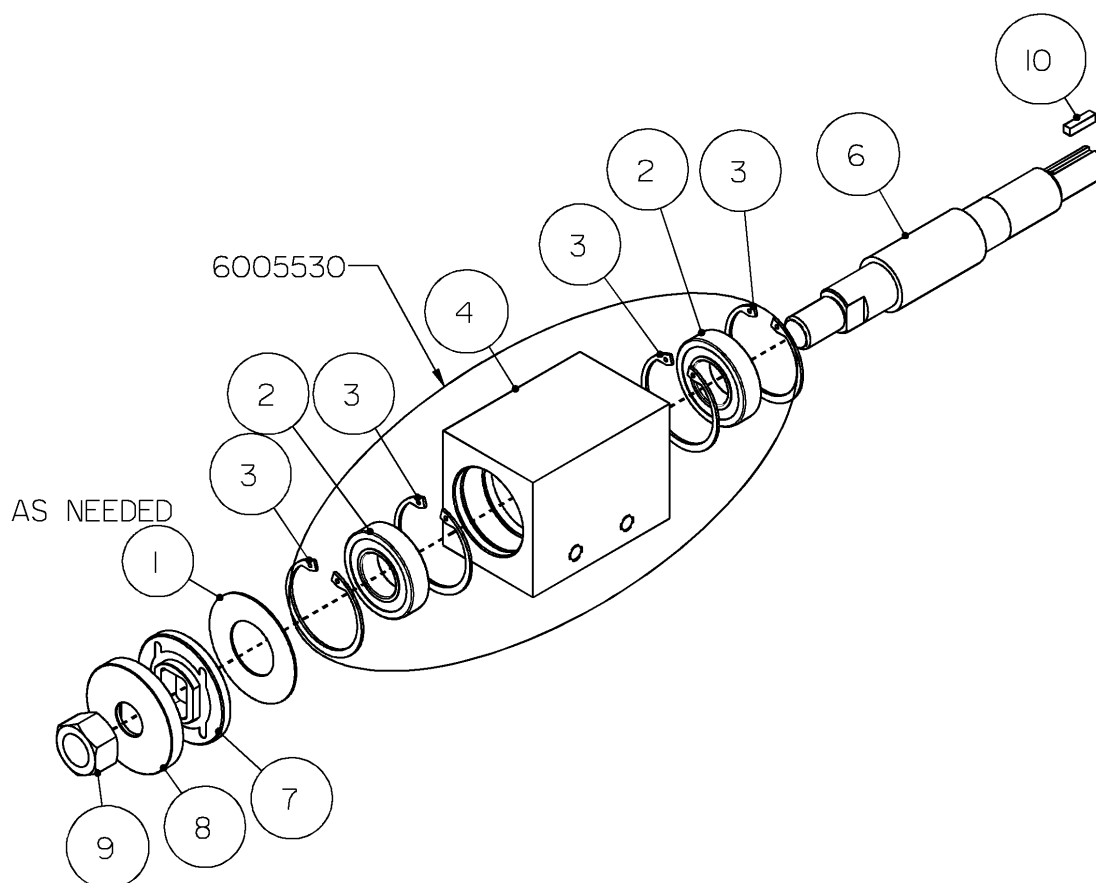
1170950: IDLER ASSEMBLY			
ITEM	PART #	DESCRIPTION	QTY
1	1170870	IDLER SHAFT	1
2	3720010	PILLOW BLOCK	2
3	6660190	SPROCKET	1
4	8415120	SCREW	4
5	8504150	NUT	4
6	8505160	WASHER	4
7	8605081	KEY	1

Figure 9 ; 1170950 – IDLER ASSEMBLY



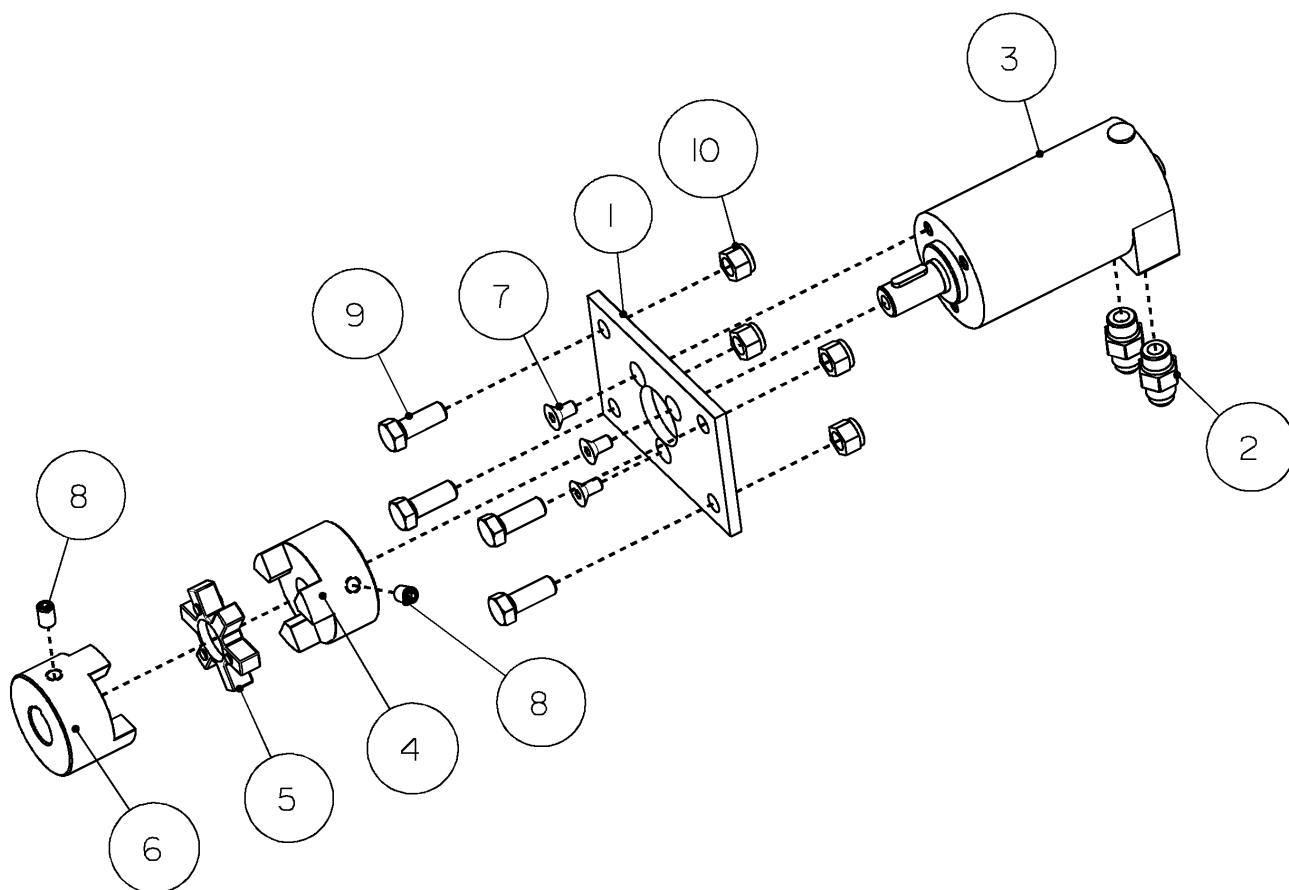
1171000: SAW ASSEMBLY			
ITEM	PART #	DESCRIPTION	QTY
1	1171020	WASHER	1
2	1171080	SAW SHAFT	1
3	3720010	PILLOW BLOCK	2
4	7400053	INNER HUB	1
5	7400054	OUTER HUB	1
6	8415120	SCREW	4
7	8500270	NUT	1
8	8504150	NUT	4
9	8505160	WASHER	8
10	8603060	SQUARE KEY	1

Figure 10 ; 1171000 – SAW ASSEMBLY

Old version of the saw assembly and shaft (prior to 2022)

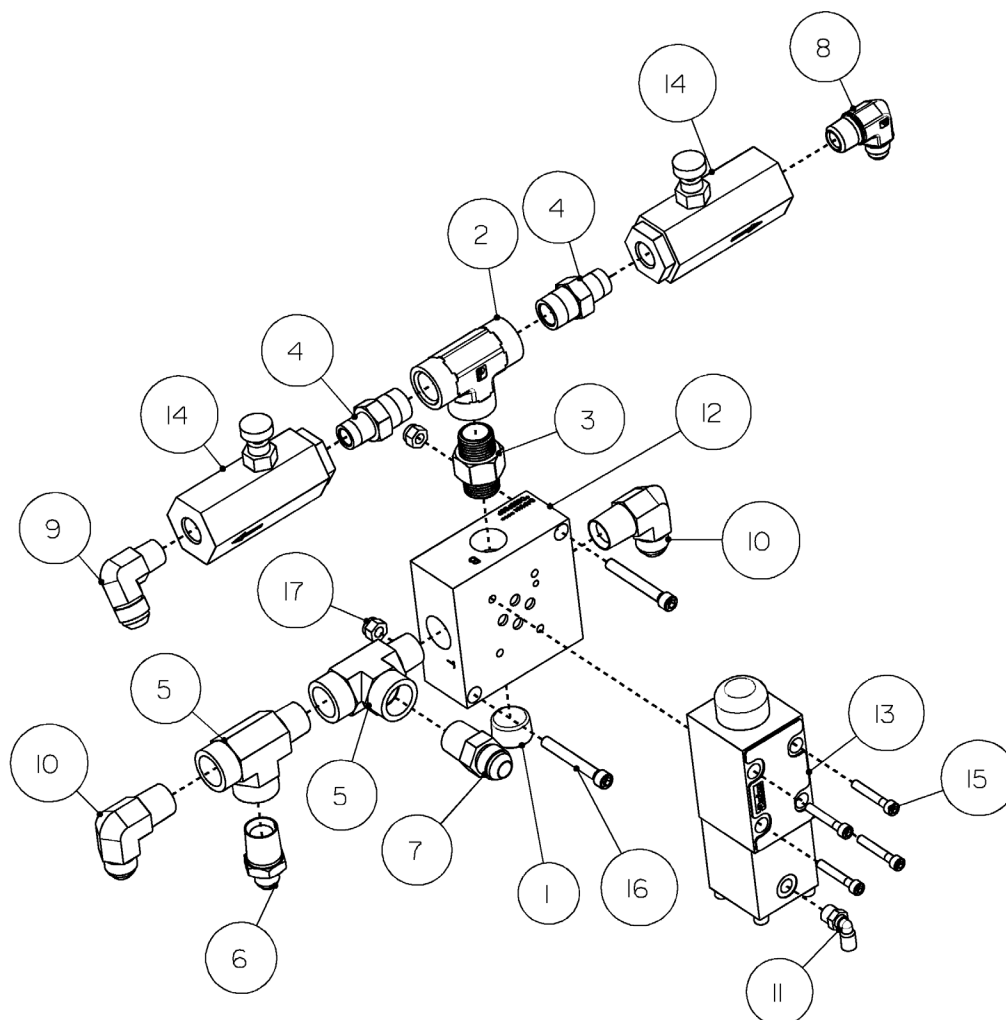
1171090: SAW ASSEMBLY (OLD VERSION)			
ITEM	PART #	DESCRIPTION	QTY
1	1171020	WASHER	1
2	3040160	BEARING	2
3	5002000	RETAINING RING	4
4	6005510	PILLOW BLOCK	1
5	6005530	PILLOW BLOCK ASS'Y	1
6	7400052	SAW SHAFT	1
7	7400053	INNER HUB	1
8	7400054	OUTER HUB	1
9	8500270	NUT	1
10	8603060	SQUARE KEY	1

Figure 11: 1171090 – SAW ASSEMBLY (OLD VER)



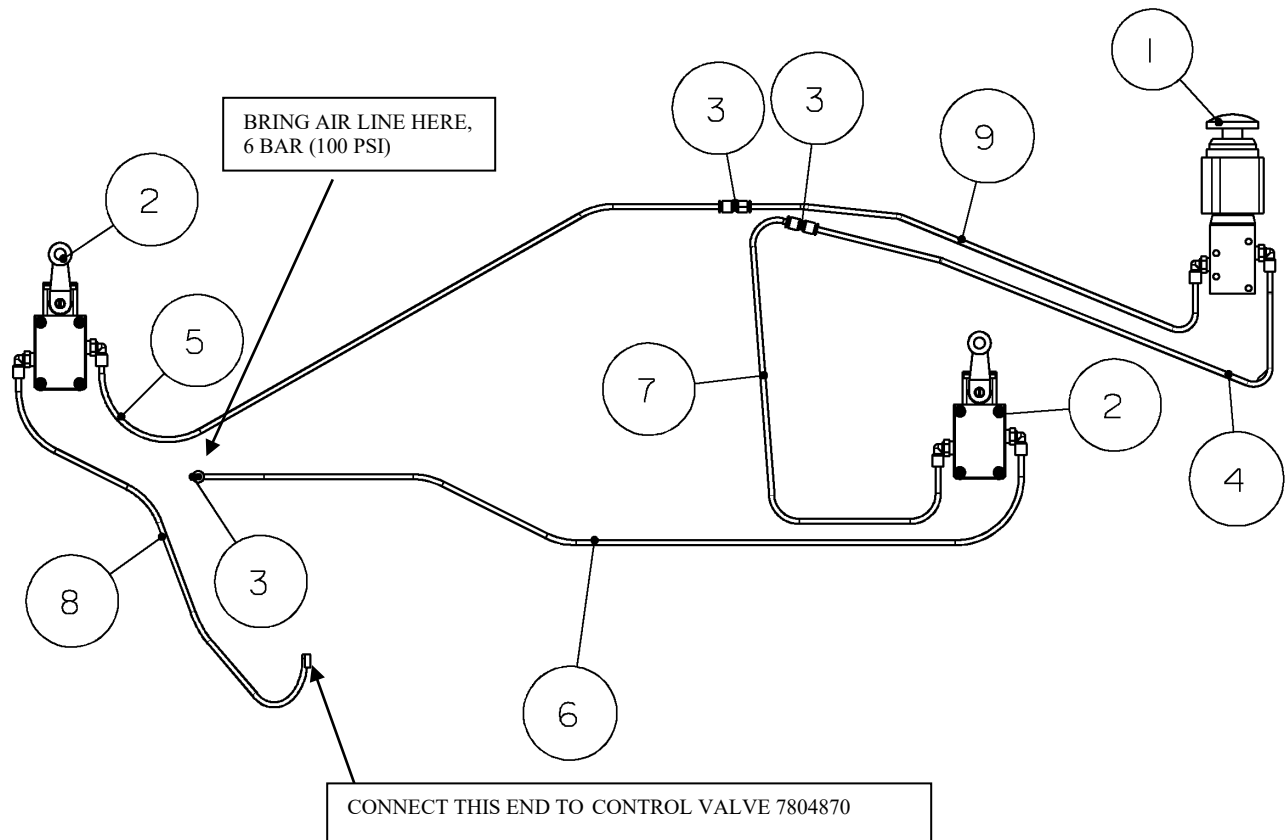
1171010: SAW HYDRAULIC MOTOR ASS'Y			
ITEM	PART #	DESCRIPTION	QTY
1	1171040	MOUNTING PLATE	1
2	7009550	STRAIGHT CONNECTOR	2
3	7400070	HYDRAULIC MOTOR	1
4	7805110	COUPLING	1
5	7805130	SPIDER	1
6	7805210	COUPLING	1
7	8242040	SCREW	3
8	8313040	SET SCREW, CUP POINT	2
9	8415080	SCREW	4
10	8504150	NUT	4

Figure 12 : 1171010 - SAW HYDRAULIC MOTOR ASS'Y



1171700: FLOW CONTROL VALVE ASSEMBLY							
ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	7000040	PLUG	1	10	7012520	ELBOW	2
2	7000730	TEE	1	11	7036510	ELBOW	1
3	7002650	NIPPLE	1	12	7804793	SUBPLATE	1
4	7002660	REDUCER	2	13	7804870	DIRECTIONAL VALVE	1
5	7008490	MALE RUN TEE	2	14	7805310	FLOW CONTROL VALVE	2
6	7012150	CONNECTOR	1	15	8209100	SCREW	4
7	7012200	CONNECTOR	1	16	8211160	SCREW	2
8	7012500	ELBOW	1	17	8504110	NUT	2
9	7012510	ELBOW	1				

Figure 13 : 1171700 - FLOW CONTROL VALVE ASSEMBLY



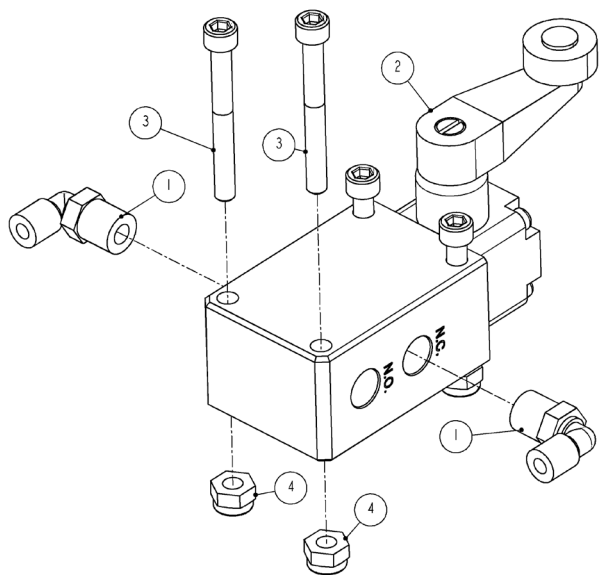
1171750: AIR CONTROL ASSEMBLY			
ITEM	PART #	DESCRIPTION	QTY
1	1171420	EMERGENCY BUTTON ASSEMBLY	1
2	6652710	LIMIT SWITCH ASSEMBLY	2
3	7037860	UNION	3
4	7300710	AIR TUBING - RED	1
5	7300710	AIR TUBE- RED	1
6	7300710	AIR TUBING RED	1
7	7300720	AIR TUBING - GREEN	1
8	7300720	AIR TUBING - GREEN	1
9	7300720	AIR TUBING - GREEN	1

Ordering notes:

Green tubing – order part 7300790, (quantity 20ft - this will cover the table)

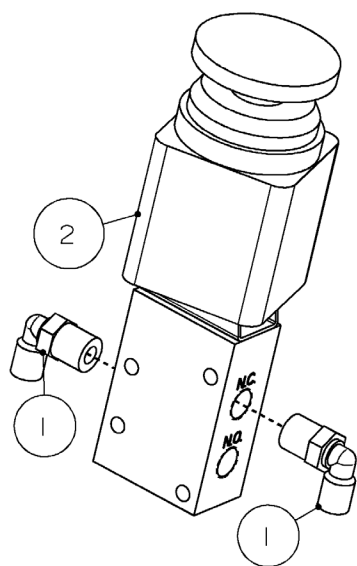
Red tubing – order part 7300780, (quantity 20ft - this will cover the table)

Figure 14 : 1171750: AIR CONTROL ASSEMBLY



6652710: LIMIT SWITCH ASSEMBLY			
ITEM	PART #	DESCRIPTION	QTY
1	7036350	ELBOW	2
2	7400171	SWITCH, LIMIT	1
3	8208140	SCREW	4
4	8504090	NUT	4

Figure 15 : 6652710 – LIMIT SWITCH ASSEMBLY



1171420: EMERGENCY BUTTON ASSEMBLY			
ITEM	PART #	DESCRIPTION	QTY
1	7036350	ELBOW	2
2	7400266	EMERGENCY STOP	1

Figure 16 : 1171420 – EMERGENCY BUTTON ASSEMBLY

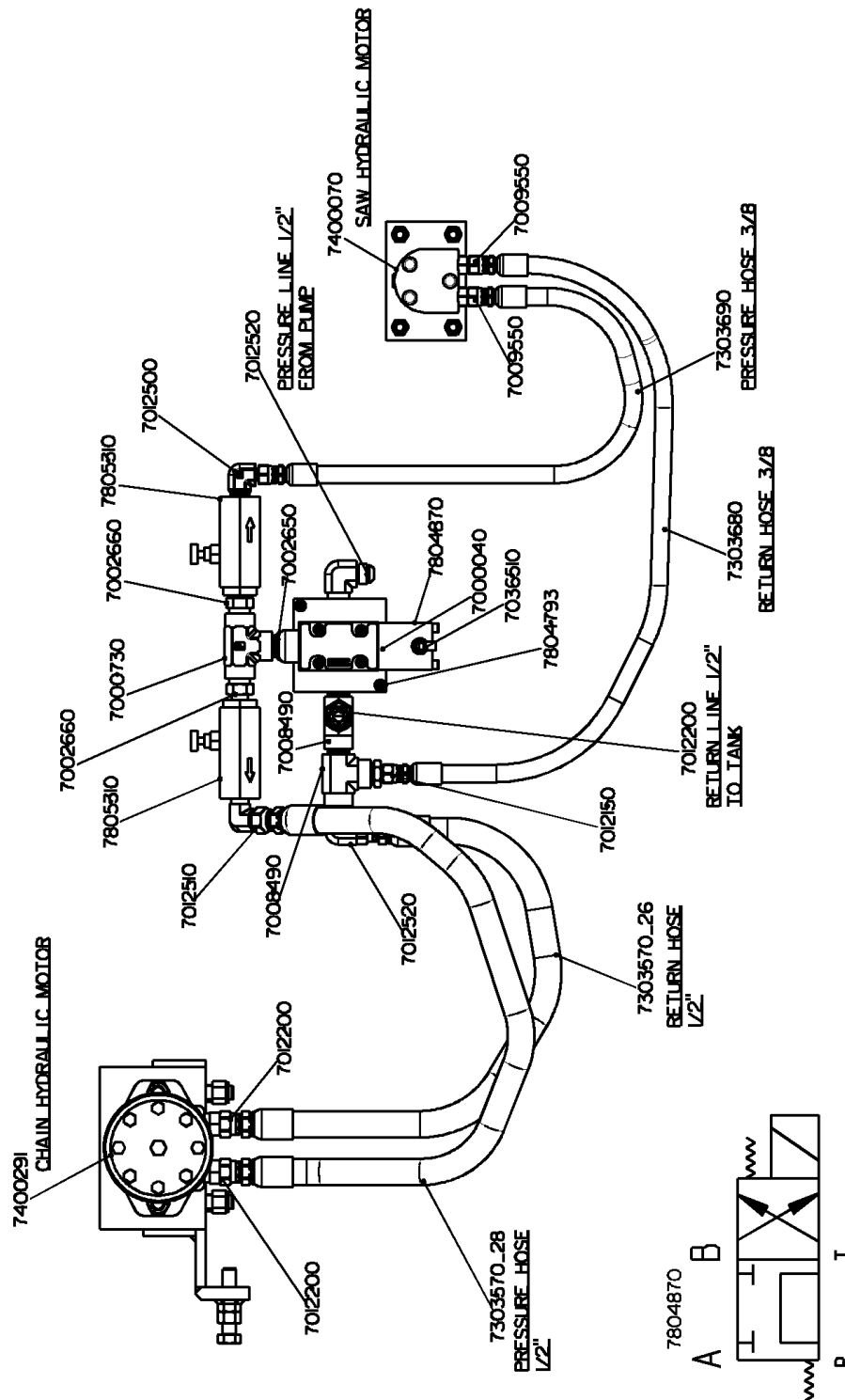


Figure 17 : HYDRAULIC DIAGRAM

Hydraulic Power Pack

Model: HPP-2-K

Part number: 6516090

Please refer to HPP-2-K manual for additional information.

Connection between the pump HPP-2-K and stomach splitter KSS-1:

Hydraulic Hose - 7303500 (20 ft long – 6m)

Return Hydraulic Hose - 7303500 (20 ft long – 6m)

Red air tubing – 7300780 (20 ft long – 6m)

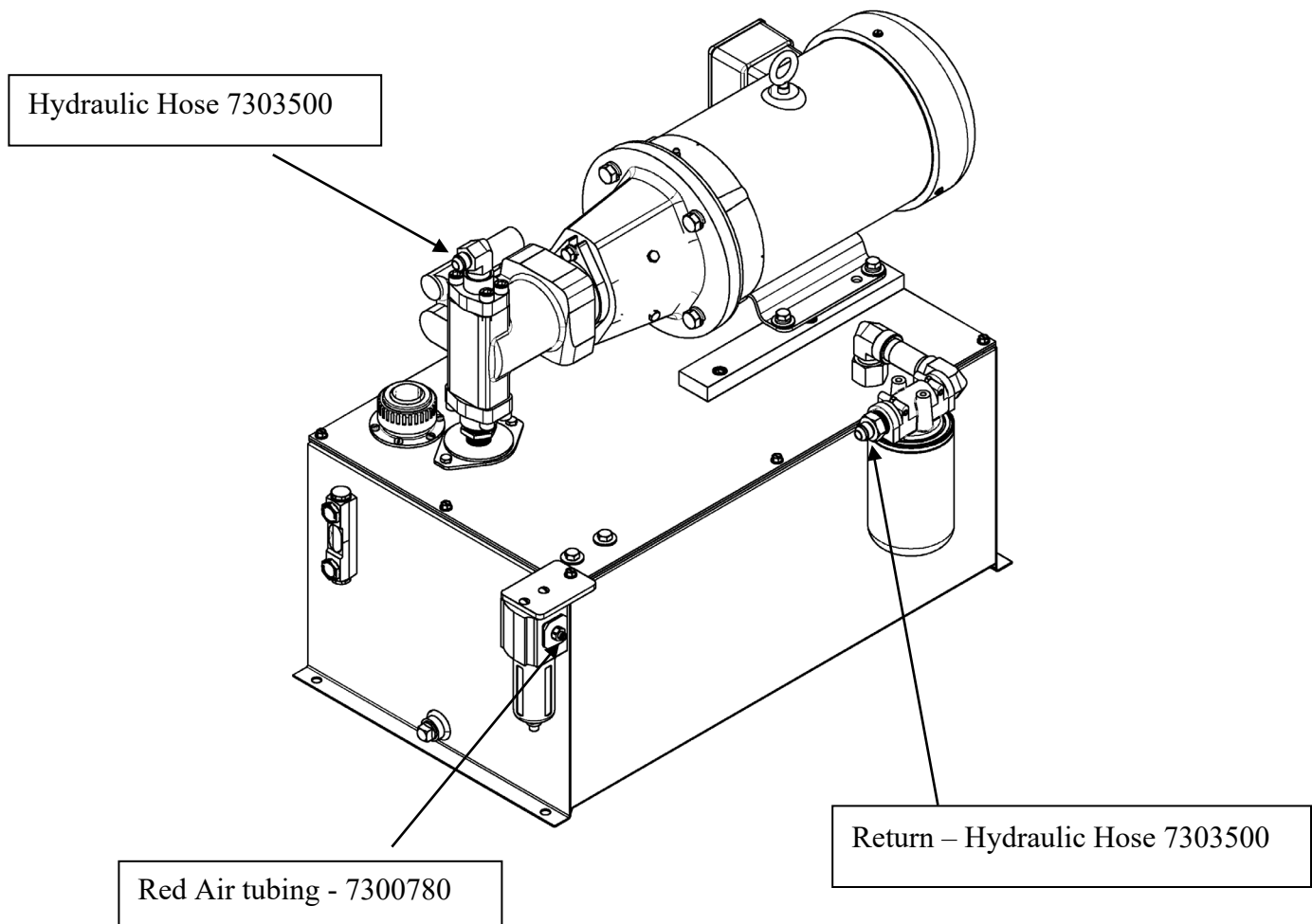
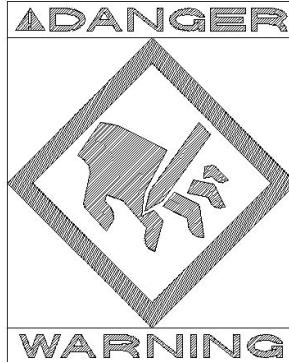


Figure 18 : Hydraulic Power Pack – HPP-2-K

NOTICE TO EMPLOYER AND PURCHASER OF TOOL

NOTICE TO SAFETY DIRECTOR

You have purchased a powerful tool that, if misused, can cause severe injury and harm to your employees. You must instruct your employees in the safe and proper use of this tool and to follow the safety procedures and instructions that have been supplied by the manufacturer of this tool. Please follow the following instructions.



1. Instruct tool operators to test the tool each day before using it to be sure it does not malfunction. Remove and repair any tool that malfunctions.
2. Instruct tool operators to immediately stop using a tool that malfunctions or is defective.
3. Instruct personnel to immediately remove all tools that malfunction. Be sure to disconnect tool from power supply.
4. Instruct all personnel to stay clear of tool, and not to stand or walk in front of, or next to tool when in use.
5. Point out to all personnel the dangers related to the misuse of tool and the importance of following safety procedures and instructions.
6. Do not make, or allow others to make, alterations or modifications to this tool. Replace all lost or illegible labels.
7. Follow all safety, installation and maintenance instructions provided with this tool. Establish proper safety procedures in accordance with local and national requirements to prevent accidental energizing of tool that can cause injuries.
8. If this tool is sold or change in ownership takes place, you must provide the new owner all safety instructions, notices and maintenance instructions you were originally provided. You can obtain additional copies of the instructions from Kentmaster, free of charge upon request.
9. Give copies of instructions to:
 - (A) Tool Operators**
 - (B) Maintenance Supervisor**
 - (C) Clean-up Supervisor**

KENTMASTER MFG. CO., INC. 1801 SOUTH MOUNTAIN AVE., MONROVIA, CALIFORNIA 91016 UNITED STATES OF AMERICA

☎ **TELEPHONE:** (818) 359-8888 **FAX:** (818) 303-5151

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Kentmaster Worldwide Location

Kentmaster Equipment (Aust) PTY.LTD.
Unit 2,24 Central Court
Browns Plains Qld. 4118
Australia

Telephone: (07) 3806-8400
Fax: (07) 3806-7933
Australia@Kentmaster.com

Kentmaster do Brasil, Ltda.
Av. Dr. Joao Teodoro No. 805
Bairro De Vila Rezende
13405-240 Piracicaba, SP,
Brazil

Telephone #1: (019) 3 413 3113
Telephone #2: (019)983-4973
Fax: (019) 3 413 3113
Brazil@Kentmaster.com

Kentmaster (IRL) LTD.
Benamore, Dublin Road.
Roscrea,
CO, Tipperary,
Ireland

Telephone: (353) 0505-23292
Fax: (353) 0505-23299
Ireland@Kentmaster.com

Kentmaster Equipment (NZ) LTD.
5 Cooper Street
Havelock North
New Zealand

Telephone #1: (64) 6 8777 857
Telephone #2: 0800 KENTMASTER
Fax: (64) 6 8777 858
NewZealand@Kentmaster.com

Kentmaster South Africa (PTY) LTD.
Johannesburg - S. Africa
Unit 54 Sunnyrock Park
Sunrock Close, Germiston
South Africa

Telephone: (27) 11-455-3748
Fax: (27) 11-455-3749
SouthAfrica@Kentmaster.com

Kentmaster (UK) LTD.
Unit 16 Avonbank Ind. Centre
West Town Rd, Avonmouth-Bristol,
BS11 9DE
England

Telephone: (44) 117-923-5035
Fax: (44)-117-932-9010
UK@Kentmaster.com

Kentmaster Mfg. Co., Inc.
1801 South Mountain Ave.
Monrovia, CA, 91016
USA

Telephone #1: (626) 359-8888
Telephone #2: (800) 421-1477
Fax: (626) 303-5151
info@Kentmaster.com

Kentmaster Omaha
4417 South 139th Street
Omaha, NE, 68137
USA

Telephone #1: (402) 896-3355
Telephone #2: (800) 367-3181
Fax: (402) 896-3311
Omaha@Kentmaster.com