

FORWARD

This manual contains information for the safe and proper operation and maintenance of the attachment. Read the entire manual and the manual provided with the carrier machine before the initial start-up of the attachment. It is important to know the correct operating procedures of the attachment and all safety precautions to prevent the possibility of property damage and personal injury.

The LaBounty attachment has been designed and manufactured with high quality materials and care in workmanship. The instructions in this manual have been prepared to assist that, when followed properly, the attachment will provide efficient and reliable service.

Continuing product development and improvement may have caused changes in the attachment which are not reflected in this manual. If a question arises regarding the operation or maintenance of the attachment, contact a Stanley LaBounty dealer for the most current information available.

SAFETY FIRST

Read the Safety, Operation and Maintenance Manual before operating or servicing the equipment.
Keep the manual with the attachment so it is available for reference.

REFERENCE INFORMATION

All requests for information, service or spare parts should include attachment model and serial number. For the nearest Stanley LaBounty dealer contact:

Stanley LaBounty
1538 Highway 2
Two Harbors, Minnesota 55616-8015 USA

Phone: (218) 834-2123
Fax: (218) 834-3879

Universal Processor

Model Number UP 75SV

Serial Number UP75203

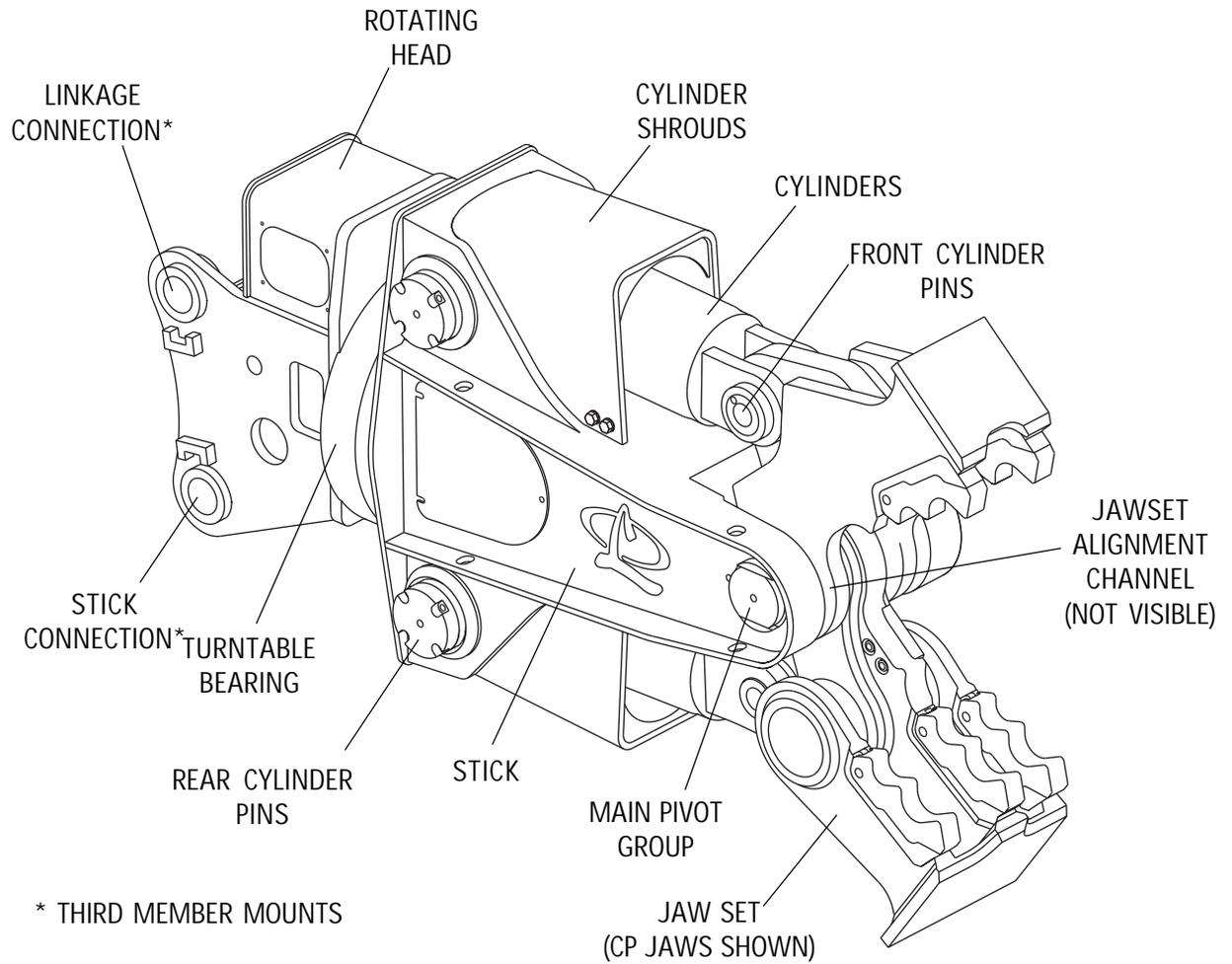
Excavator Model _____

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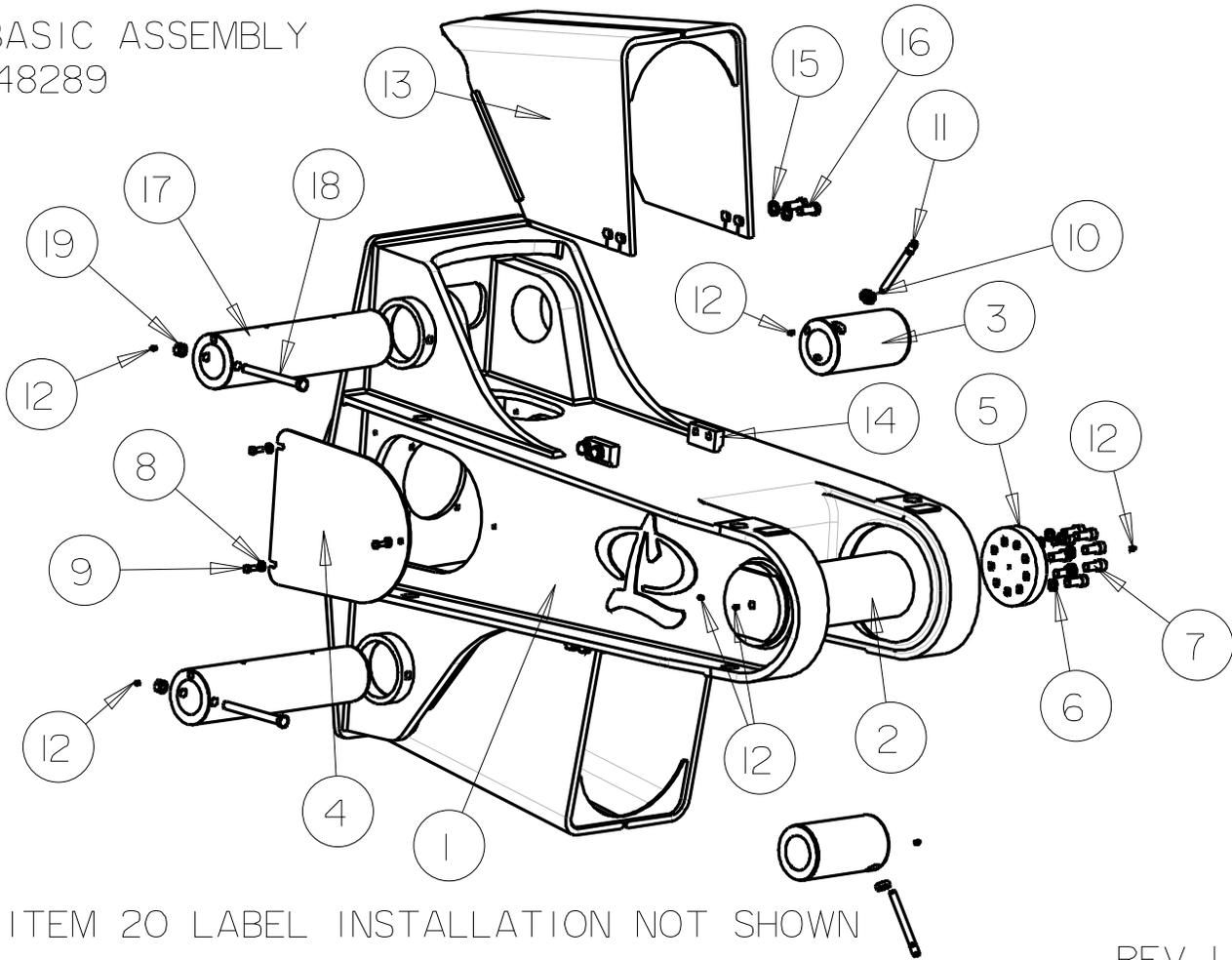
SEQUENCE

MODEL DESCRIPTION



THE APPEARANCE OF YOUR UNIVERSAL PROCESSOR MAY DIFFER SLIGHTLY DEPENDING ON THE MODEL.

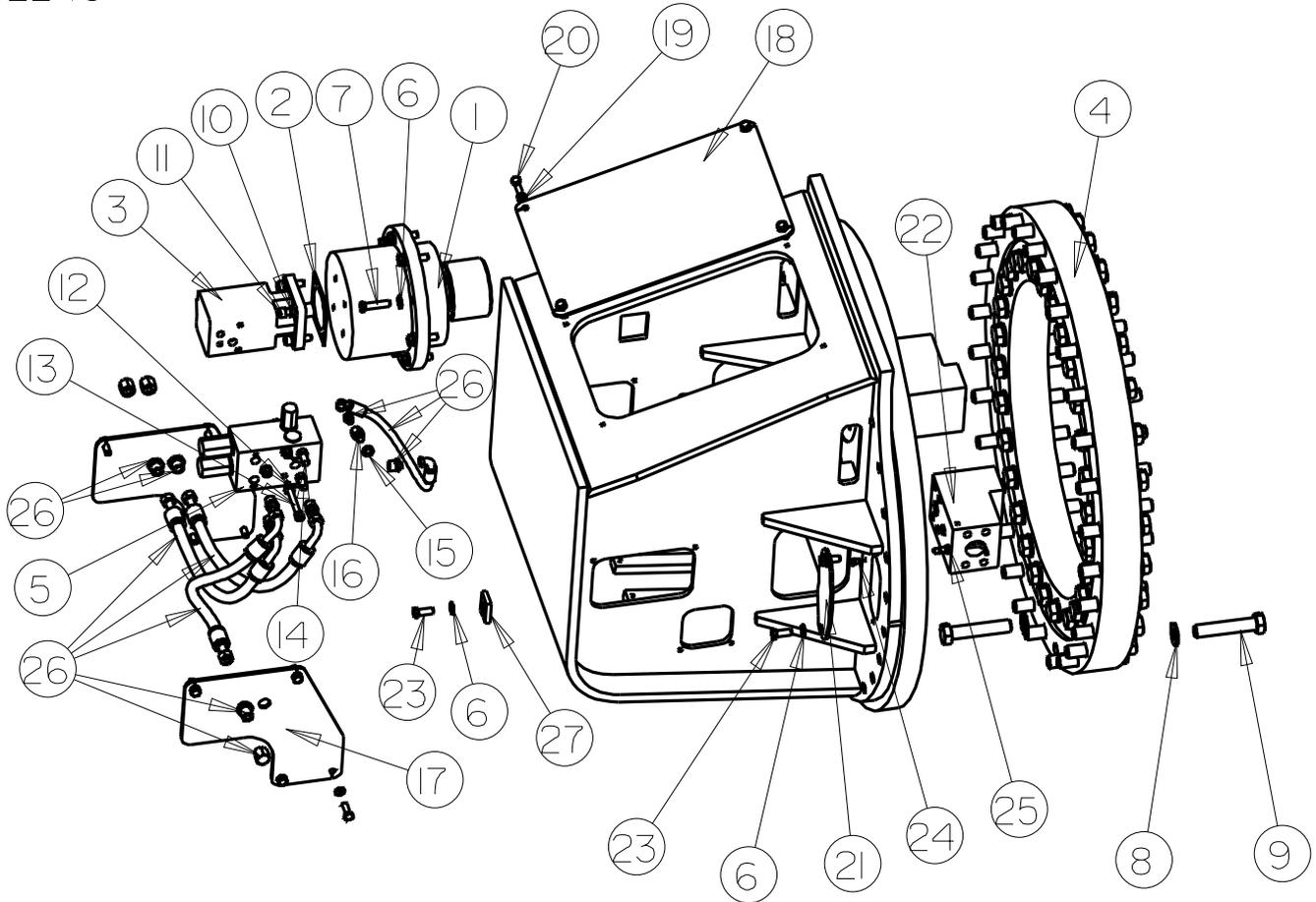
BASIC ASSEMBLY
148289



REV 1

Item	Part No	Description	Qty
1	161401	STICK WELDMENT AND MACHINING	1
2	161418	PIN MACHINING	1
3	159505	PIN MACHINING	2
4	159506	COVER PLATE	2
5	161419	ENDCAP MACHINING	1
6	509056	HIGH COLLAR LOCK WASHER	9
7	508500	SOCKET HEAD CAPSCREW	9
8	501446	FLAT WASHER	6
9	501581	HEX HEAD CAPSCREW	6
10	508434	RETAINER	2
11	109379	PIN MACHINING	2
12	503857	GREASE ADAPTER	10
13	161552	SHROUD WELDMENT	2
14	158787	PLATE MACHINING	4
15	501489	FLAT WASHER	8
16	502358	HEX HEAD CAPSCREW	8
17	161985	PIN MACHINING	2
18	503878	HEX HEAD CAPSCREW	2
19	501571	HEX NUT M20X2-50CL10.9	2
20	157958	LABEL INSTALLATION	1

ROTATION ASSEMBLY
162240

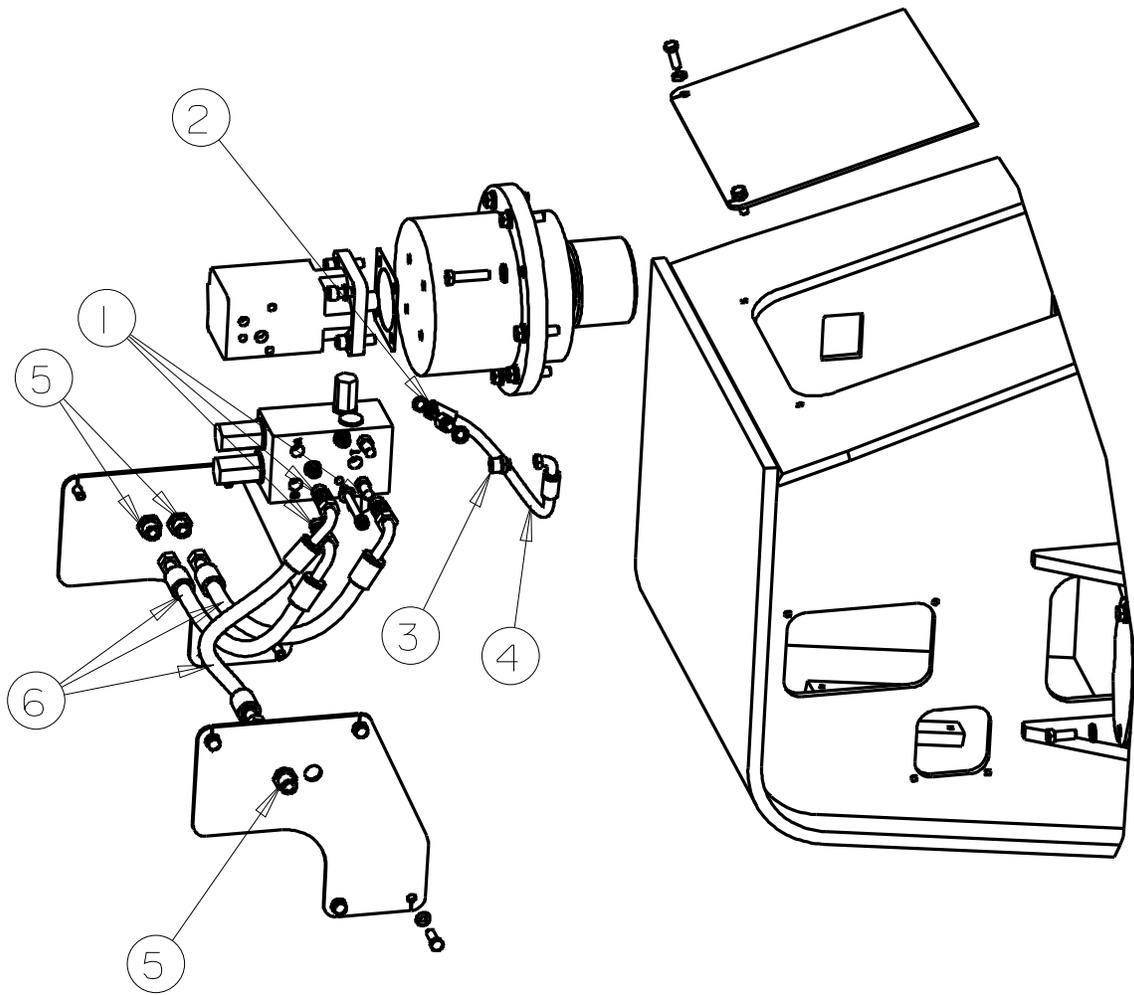


REV 2

Item	Part No	Description	Qty
1	511488	PLANETARY GEARBOX	1
2	502220	GASKET SEAL	1
3	511487	HYDRAULIC MOTOR	1
4	501347	TURNTABLE BEARING	1
5	511093	CONTROL VALVE	1
6	501446	FLAT WASHER	14
7	501549	HEXHEAD CAPSCREW	9
8	501445	FLAT WASHER	60
9	501626	HEX HEAD CAPSCREW	60
10	510105	FLAT WASHER	4
11	501584	SOCKET HEAD CAPSCREW	4
12	500237	FLAT NARROW WASHER	3
13	500860	SOCKET HEAD CAPSCREW	3
14	502290	DIAGNOSTIC ADAPTER	2

Item	Part No	Description	Qty
15	501684	SEAL	1
16	501685	ADAPTER	1
17	153252	COVER MACHINING	2
18	153251	COVER PLATE	1
19	501193	LOCK WASHER	12
20	502137	HEX HEAD CAPSCREW	12
21	162242	COVER PLATE	2
22	501207	HEX PLUG	2
23	501581	HEX HEAD CAPSCREW	5
24	502172	GREASE ADAPTER	1
25	107435	GREASE TUBE ASSEMBLY	1
26	511993	HOSE KIT FOR 162240	1
27	168081	STOP PLATE	1

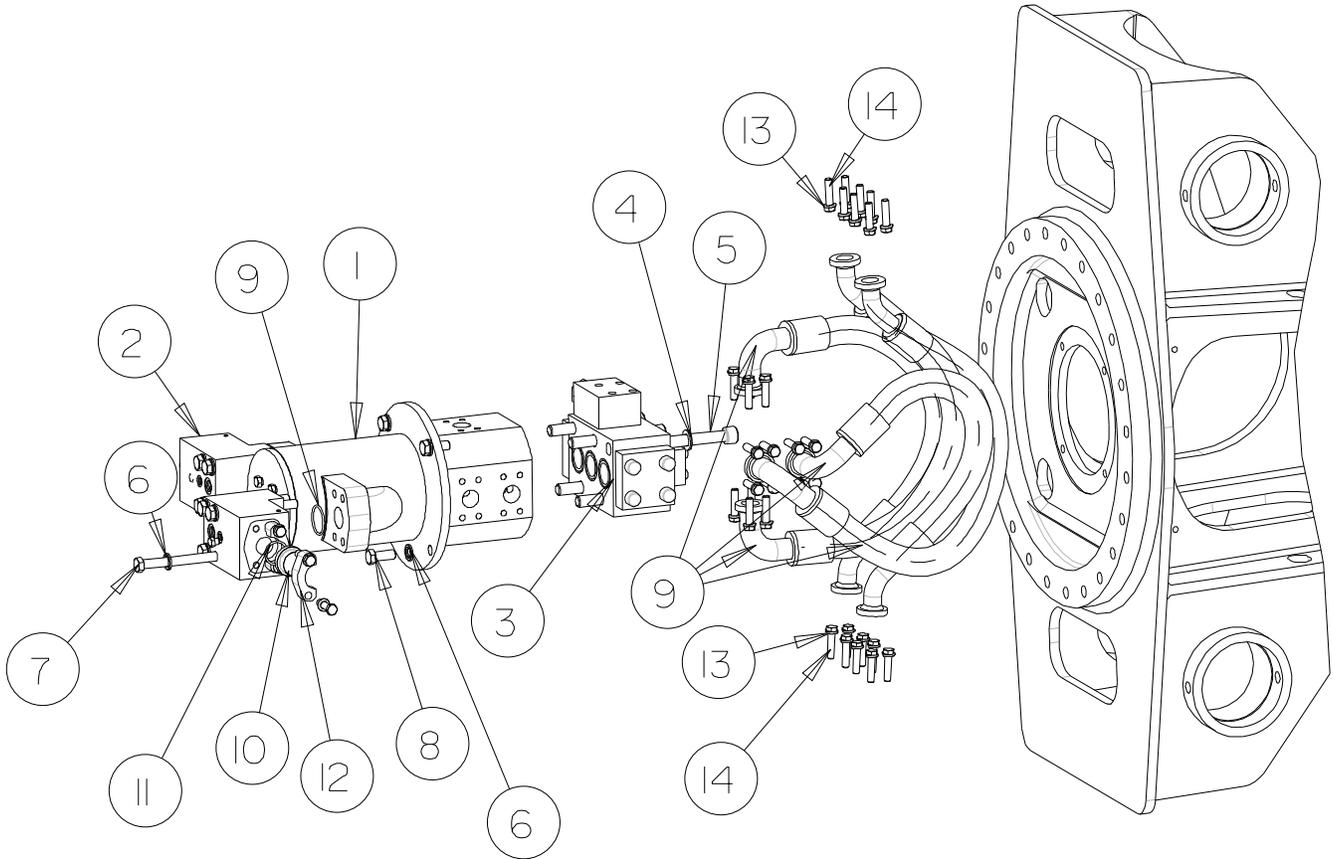
HOSE KIT - ROTATION ASSEMBLY
511993



REV 1

Item	Part No	Description	Qty
1	500917	HYDRAULIC ADAPTER	3
2	500916	HYDRAULIC ADAPTER	1
3	500940	HYDRAULIC ADAPTER	1
4	108573	HOSE ASSEMBLY	1
5	500919	HYDRAULIC ADAPTER	3
6	136886	HOSE ASSEMBLY	3

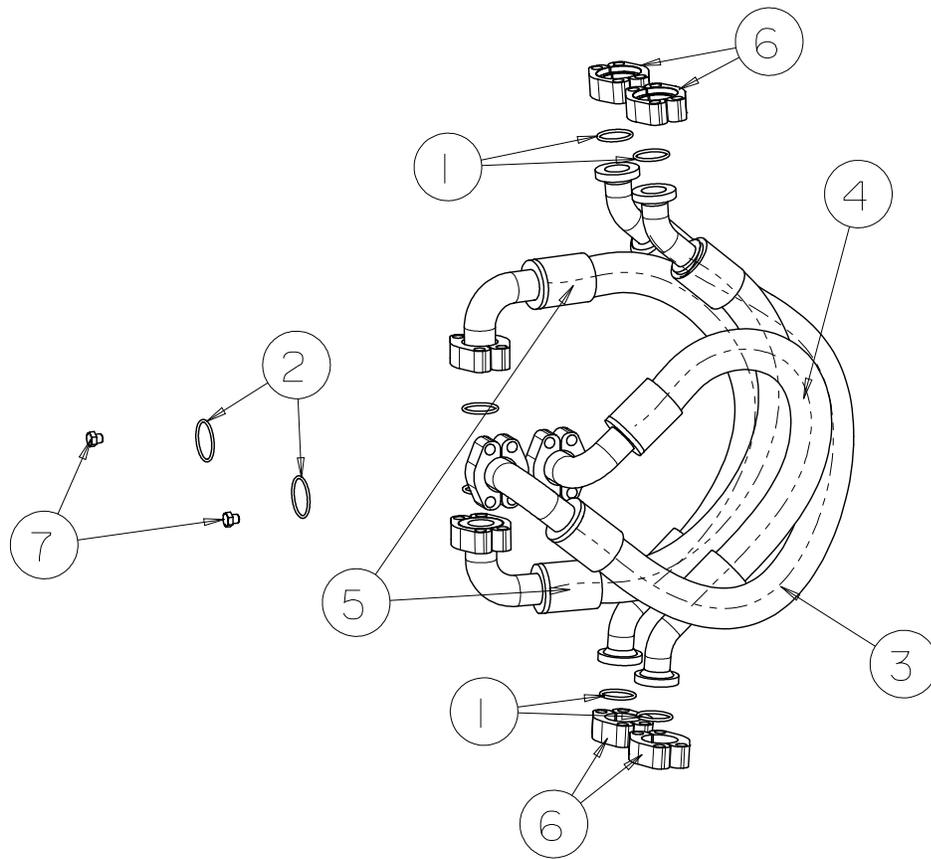
HYDRAULIC ASSEMBLY
157799



REV 3

Item	Part No	Description	Qty
1	512067	MANIFOLD ASSEMBLY	1
2	148069	MANIFOLD MACHINING	2
3	512174	REGENERATIVE VALVE	1
4	501489	FLAT WASHER M20 CL10.9	5
5	510678	SOCKET HEAD CAPSCREW	5
6	501554	FLAT WASHER	12
7	503393	HEX HEAD CAPSCREW	8
8	501548	HEX HEAD CAPSCREW	4
9	511794	HOSE KIT FOR UP45SV/75SV	1
10	500091	FLANGE PLUG	2
11	500100	ORING SEAL	2
12	500090	SPLIT FLANGE HALF	4
13	501588	LOCK WASHER	40
14	501549	HEXHEAD CAPSCREW	40

Hydraulic Assembly Hose Kit 511794

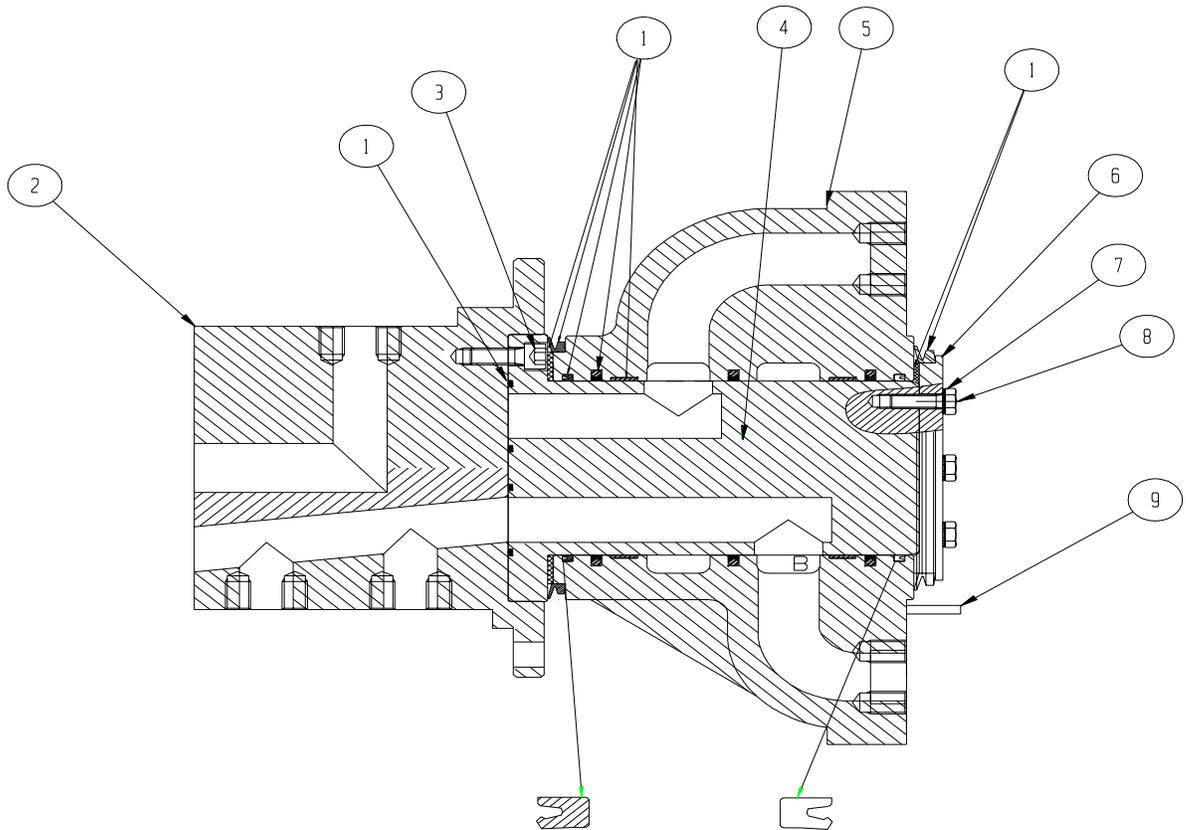


<i>Item</i>	<i>Part #</i>	<i>Qty</i>	<i>Description</i>
1	500100	8	O-RING SEAL
2	500101	2	O-RING SEAL
3	157802	1	HOSE ASSEMBLY
4	157801	1	HOSE ASSEMBLY
5	157800	2	HOSE ASSEMBLY
6	500090	16	CODE 62 SPLIT FLANGE HALF
7	501890	2	HEX PLUG

<i>Item</i>	<i>Part #</i>	<i>Qty</i>	<i>Description</i>
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Manifold Assembly

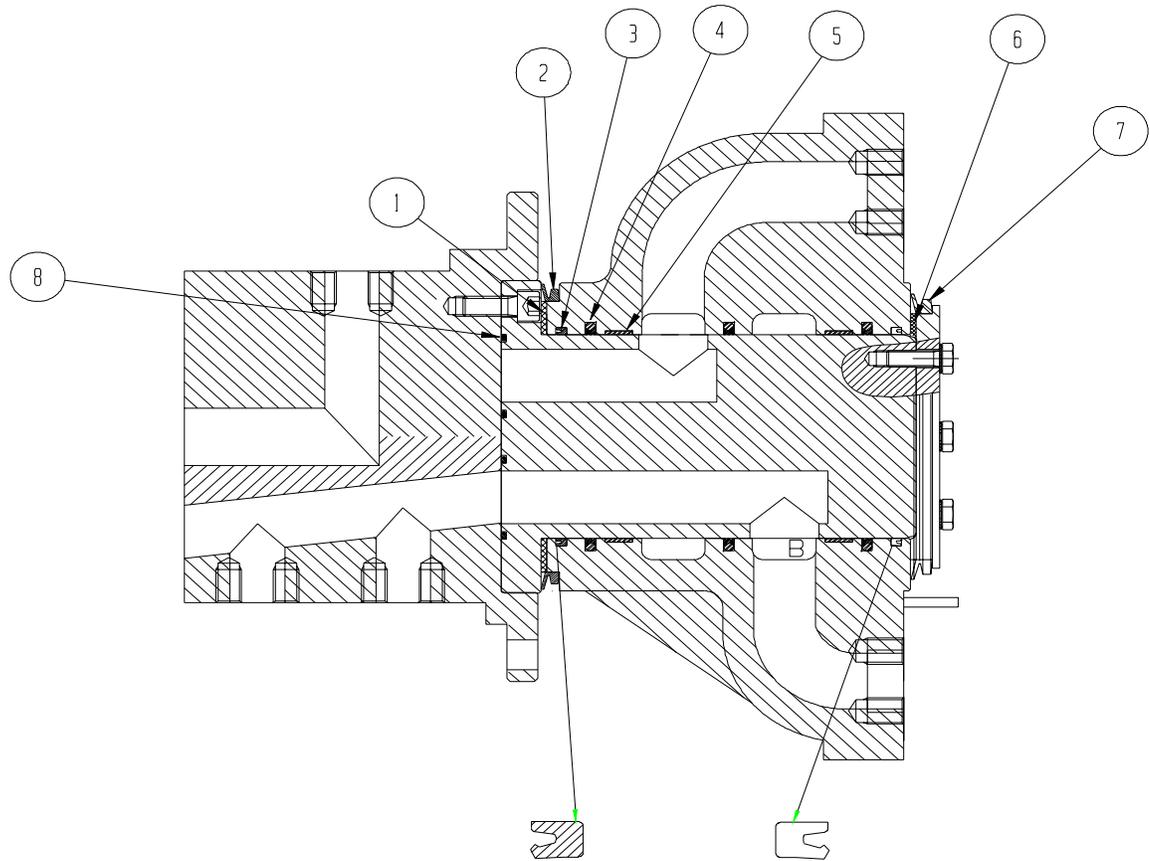
512067



<i>Item</i>	<i>Part #</i>	<i>Qty</i>	<i>Description</i>
1	512068	1	SEAL KIT
2	512196	1	HEAD MACHINING
3	512200	6	SOCKET HEAD CAPSCREW
4	512194	1	SPOOL MACHINING
5	512193	1	HOUSING MACHINING
6	512195	1	CAP MACHINING
7	501193	4	LOCK WASHER
8	502137	4	HEX HEAD CAPSCREW
9	511416	1	SLOTTED SPRING PIN

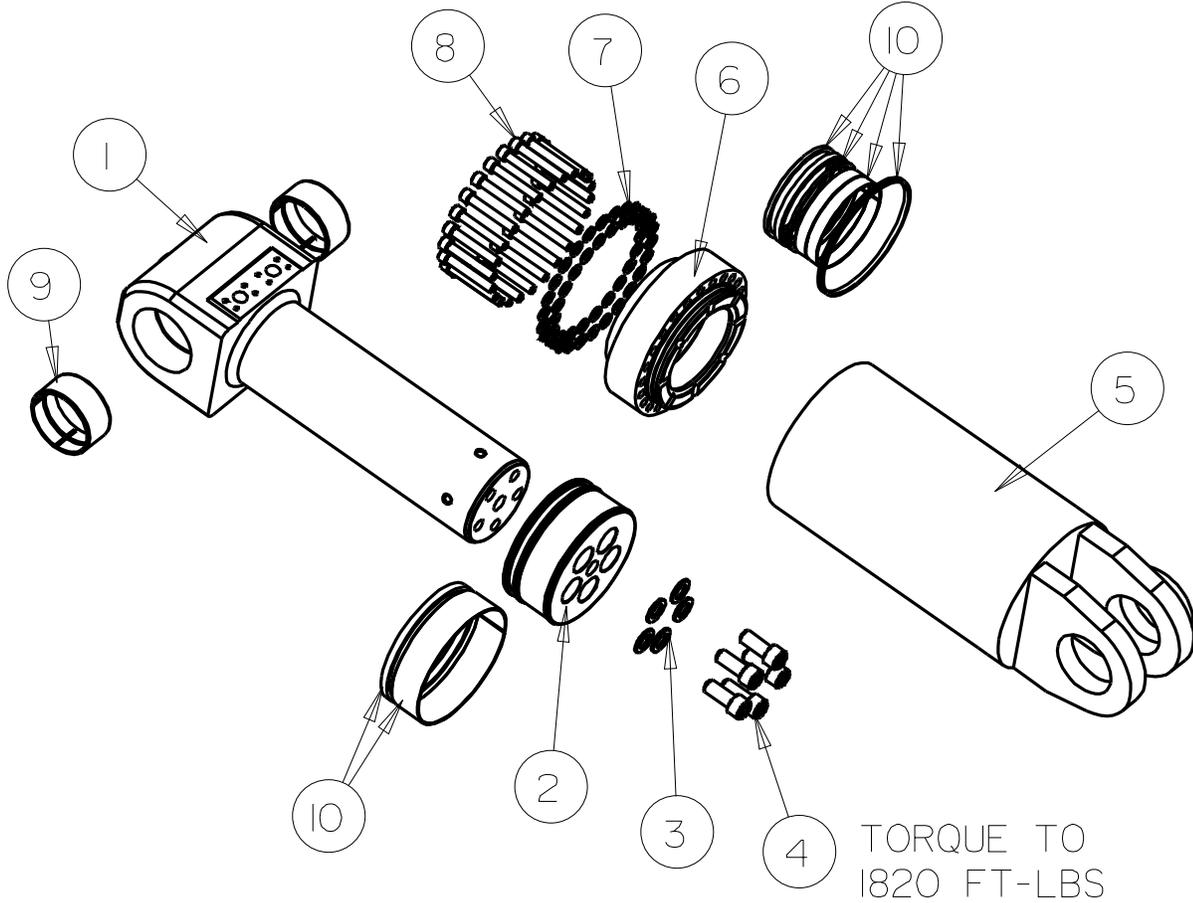
Seal Kit - Manifold

512068



<i>Item</i>	<i>Part #</i>	<i>Qty</i>	<i>Description</i>
1	512185	1	ANTI SEIZURE BEARING
2	512186	1	V SEAL
3	512187	2	SEAL
4	512188	3	SEAL
5	512189	2	WEAR RING SEAL
6	512190	1	ANTI SEIZURE BEARING
7	512191	1	V SEAL
8	512192	2	O-RING SEAL

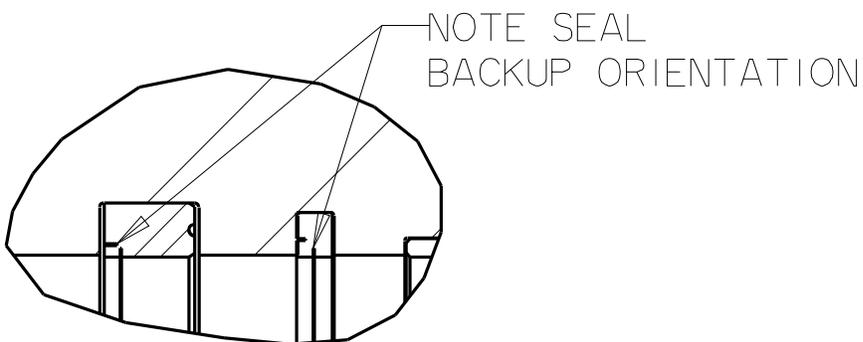
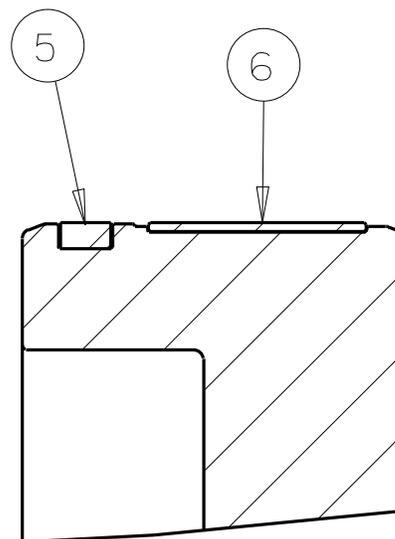
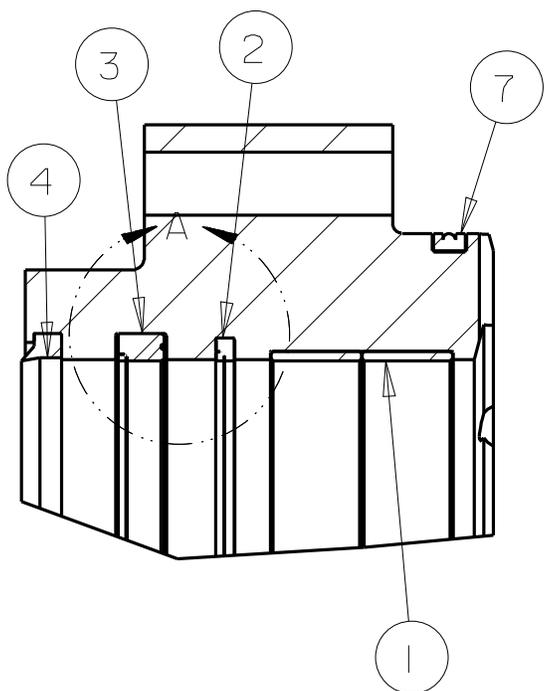
CYLINDER ASSEMBLY 164435



REV I

Item	Part No	Description	Qty
1	161397	ROD WELDMENT MACHINING	1
2	164437	PISTON MACHINING	1
3	511923	FLAT NARROW WASHER	5
4	511922	SOCKET HEAD CAPSCREW	5
5	161400	TUBE WELDMENT MACHINING	1
6	164436	HEAD MACHINING	1
7	501489	FLAT WASHER M20 CL10.9	48
8	511404	SOCKET HEAD CAPSCREW	24
9	511887	BUSHING MACHINING	2
10	164434	SEAL KIT	1

SEAL KIT 164434

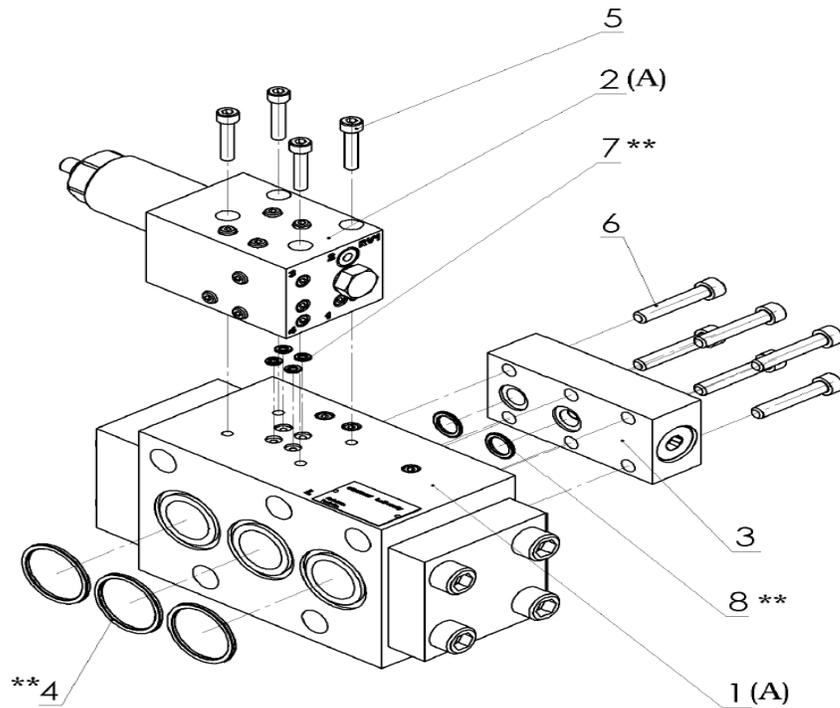


DETAIL A
SCALE 0.750

Item	Part No	Description	Qty
1	501368	WEAR RING SEALS	2
2	511910	BUFFER SEAL	1
3	511909	ROD SEAL	1
4	511684	WIPER	1
5	511912	PISTON SEAL	1
6	511225	WEAR RING SEALS	1
7	502897	T-SEAL	1

Speed Valve Assembly 512174

(A) ASSEMBLY ** PART OF SEAL KIT 511502



Item	Part #	Qty	Description
1	511567	1	MAIN VALVE ASSEMBLY, LEFTHAND
2	512175	1	PILOT VALVE ASSEMBLY
3	511540	1	CHECK VALVE
4	511513	3	O-RING SEAL use 500101
5	512210	4	SOCKET HEAD CAPSCREW
6	511542	6	SOCKETHEAD CAPSCREW
7	511511	4	O-RING SEAL 6MM X 10MM X 2MM
8	511512	2	BLOCK SEAL

HYDRAULIC INSTALLATION REQUIREMENTS

CYLINDER CIRCUIT

Recommended Flow 90 - 160 gpm (340 - 605 lpm)

Recommended Pressure minimum: 4000 psi (275 bar)
maximum: 5000 psi (345 bar)

ROTATION CIRCUIT

Flow recommended: 8 - 10 gpm (30 - 38 lpm)
maximum: 12 gpm (45 lpm)

The hydraulic rotation motor is equipped with factory adjusted flow controls. They are set for normal operation of the motor and are adjustable for speed preference (see Safety, Operation and Maintenance Manual).

*Maximum input flow is not advised for continuous duty due to inefficiency of the circuit. If an OEM auxiliary circuit is not available with these requirements, the LaBounty Rotation kit should be used.

Pressure recommended: 2000 - 2500 psi (138 - 172 bar)
maximum: 2500 psi (172 bar)

The hydraulic rotation motor is equipped with a factory adjusted crossover relief valve. This valve has been installed to prevent damaging the motor due to excessive pressure from machine or overrunning loads. Any adjustment to valve without consulting factory will void warranty.

ATTACHMENT MODEL _____ **EXCAVATOR HOUR METER** _____

ATTACHMENT SERIAL NUMBER _____ **DATE** _____

8 HOUR INSPECTION CHECKLIST

- _____ 1. Inspect safety devices
 - _____ a. All safety decals in place and legible-see decal locations section
 - _____ b. All cab protection in good condition
 - _____ c. Audible and visual warnings working

- _____ 2. Visually inspect attachment for any damage

- _____ 3. Grease All Points. Refer to lubrication section in this manual
 - _____ a. Cylinder rod end
 - _____ b. Cylinder butt end
 - _____ c. Main boom attachment pivot
 - _____ d. Stick cylinder rod end
 - _____ e. Each side of pivot group end plate

- _____ 4. Inspect Connecting Pins and Pin Retaining Bolts
 - _____ a. Boom pivot pin
 - _____ b. Excavator cylinder pin
 - _____ c. Front cylinder pin (upper and lower cylinders)
 - _____ d. Rear cylinder pin (upper and lower cylinders)
 - _____ e. Pinheads and stops

- _____ 5. Inspect all Bolts
 - _____ a. Visually check all bolts

- _____ 6. Inspect Hydraulic System
 - _____ a. Inspect hoses for wear and potential failure
 - _____ b. Inspect hose connections for leaks
 - _____ c. Inspect cylinders for leaks

If Rotator equipped:

- _____ 1. After the first eight hours of operation, retorque all bolts connecting the turntable bearing to the head and shear. Visually inspect these bolts thereafter.

- _____ 2. Grease the Rotator Bearing. Refer to Rotating Shear section for procedure.

- _____ 3. Inspect Hydraulic System
 - _____ a. Inspect hoses for wear and potential failure
 - _____ b. Inspect hose connections for leaks

- _____ 4. Visually check all Assembly Bolts

INSPECTED BY: _____

Additional copies of this catalog are available by contacting your dealer or the Stanley LaBounty Parts Department and requesting "Parts Catalog" number T080110, you must include the attachment model number and serial number.

Stanley LaBounty
1538 Highway 2
Two Harbors, Minnesota 55616-8015 USA

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