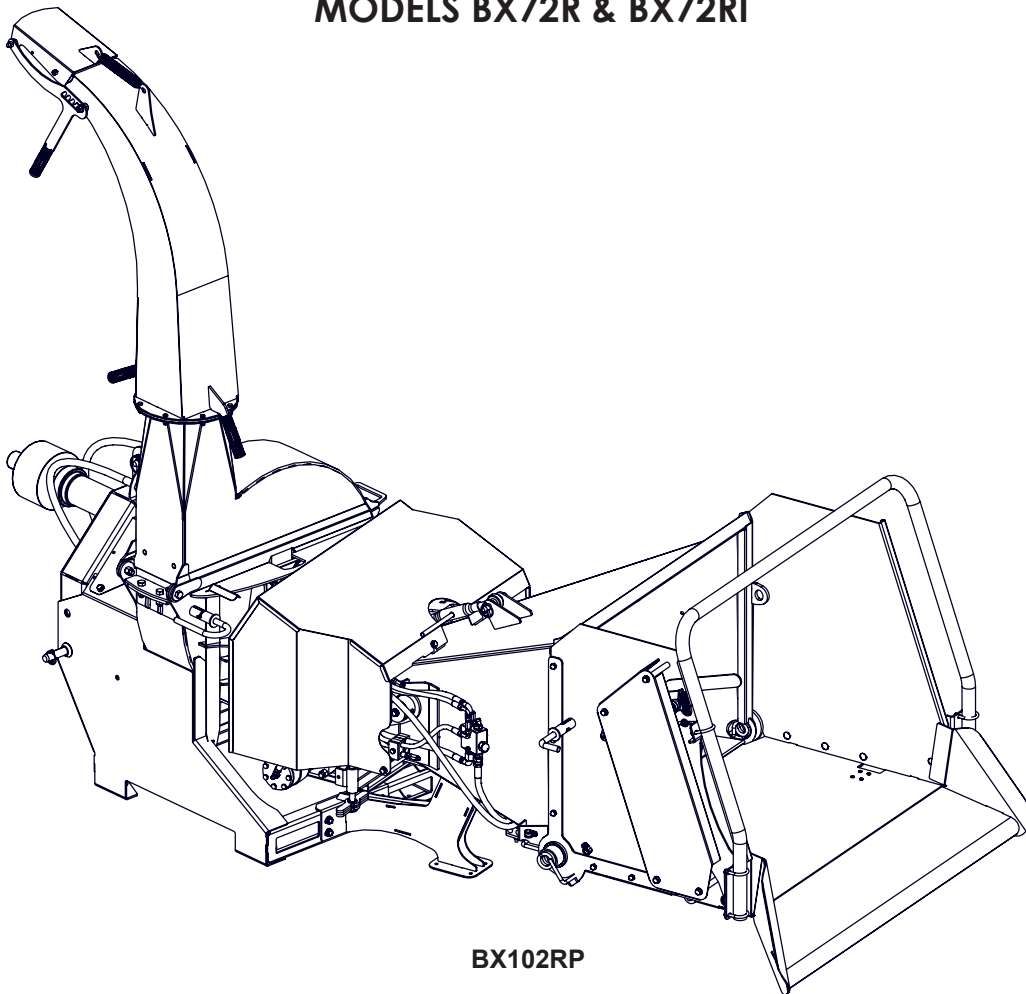




EMB Manufacturing Inc.
4144 Boomer Line · St. Clements, On · N0B 2M0 · Canada
Ph: (519) 699-9283 · Fax: (519) 699-4146
www.wallensteinequipment.com

BX72 Series 3 Point Hitch Chipper Parts Manual

Starting with S/N's
172R240 and on
MODELS BX72R & BX72RI



BX102RP



Refer to the operators
manual for safe
operation and
maintenance



Foreword

EMB Mfg. has prepared this parts manual to assist customers in ordering quality OEM replacement parts.

Proper and regular service and replacing old, worn or broken parts with the correct OEM parts are essential to prolonging the life of your EMB product. Please refer to this manual before ordering any replacement parts.

All information contained in this parts manual is based on the latest product specification available at the time of printing this manual. If your product differs from the specifications contained within this manual contact EMB Mfg. for information.

EMB reserves the right to alter specifications on their products at any time.

Reproduction of this parts manual of any kind is prohibited without prior written permission from EMB Mfg.

For parts and information please contact your dealer. If your dealer is no longer available please go to our website: <http://www.wallensteinequipment.com> and click on "FIND A DEALER NEAR YOU" for information on a local dealer.

BX72 Variation Chart

BX Option Cross Reference			Option	
			Intellifeed	Revision Level
Model	BX72REU	BX72R		D1
	BX72RIEU	BX72RI	X	D1

Table of Contents

BX72 Variation Chart.....	2	Feed Roller Control Detail	14
Bolt Torque.....	4	Intellifeed Roller Control Detail	15
Hydraulic Fitting Torque	5	Intellifeed Components	15
PTO Base Assembly	6	PTO Shaft #Z44504.....	16
Rotor Parts.....	7	Intellifeed Settings	17
Discharge Chute Assembly & Guard	8	Intellifeed Wiring Diagram #Z62109	18
Upper Roller Ass'y.....	9	Hydraulic Hose Parts List	19
Lower Roller Ass'y	10	Hydraulic Schematic BX72R.....	20
Hopper Ass'y (top view)	11	Hydraulic Schematic BX72RI.....	21
Bypass Valve Detail	11	Labels - Left Side View	22
Hopper Ass'y (bottom view).....	12	Labels - Right Side View	23
Feed Table Parts	13	Accessories.....	24
Roller Valve Detail	14		

Maintenance should be performed by
trained personnel only.



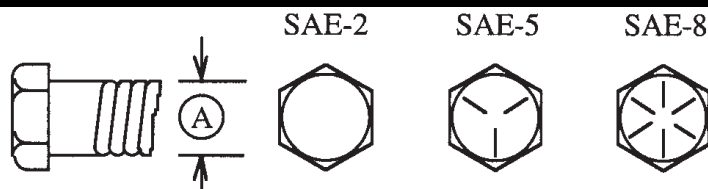
Refer to the operators
manual for safe
operation and
maintenance

Bolt Torque**CHECKING BOLT TORQUE**

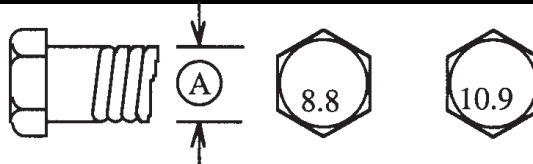
The tables shown below give correct torque values for various bolts and capscrews. Tighten all bolts to the torques specified in chart unless otherwise noted. Check tightness of bolts periodically, using bolt torque chart as a guide. Replace hardware with the same strength bolt.

ENGLISH TORQUE SPECIFICATIONS

Bolt Diameter "A"	Bolt Torque*					
	SAE 2 (N.m) (lb-ft)		SAE 5 (N.m) (lb-ft)		SAE 8 (N.m) (lb-ft)	
1/4"	8	6	12	9	17	12
5/16"	13	10	25	19	36	27
3/8"	27	20	45	33	63	45
7/16"	41	30	72	53	100	75
1/2"	61	45	110	80	155	115
9/16"	95	60	155	115	220	165
5/8"	128	95	215	160	305	220
3/4"	225	165	390	290	540	400
7/8"	230	170	570	420	880	650
1"	345	225	850	630	1320	970

**METRIC TORQUE SPECIFICATIONS**

Bolt Diameter "A"	Bolt Torque*			
	8.8 (N.m) (lb-ft)		10.9 (N.m) (lb-ft)	
M3	0.5	0.4	1.8	1.3
M4	3	2.2	4.5	3.3
M5	6	4	9	7
M6	10	7	15	11
M8	25	18	35	26
M10	50	37	70	52
M12	90	66	125	92
M14	140	103	200	148
M16	225	166	310	229
M20	435	321	610	450
M24	750	553	1050	774
M30	1495	1103	2100	1550
M36	2600	1917	3675	2710



Torque figures indicated above are valid for non-greased or non-oiled threads and heads unless otherwise specified. Therefore, do not grease or oil bolts or capscrews unless otherwise specified in this manual. When using locking elements, increase torque values by 5%.

* Torque value for bolts and capscrews are identified by their head markings.

Hydraulic Fitting Torque

Tightening Flare Type Tube Fittings *

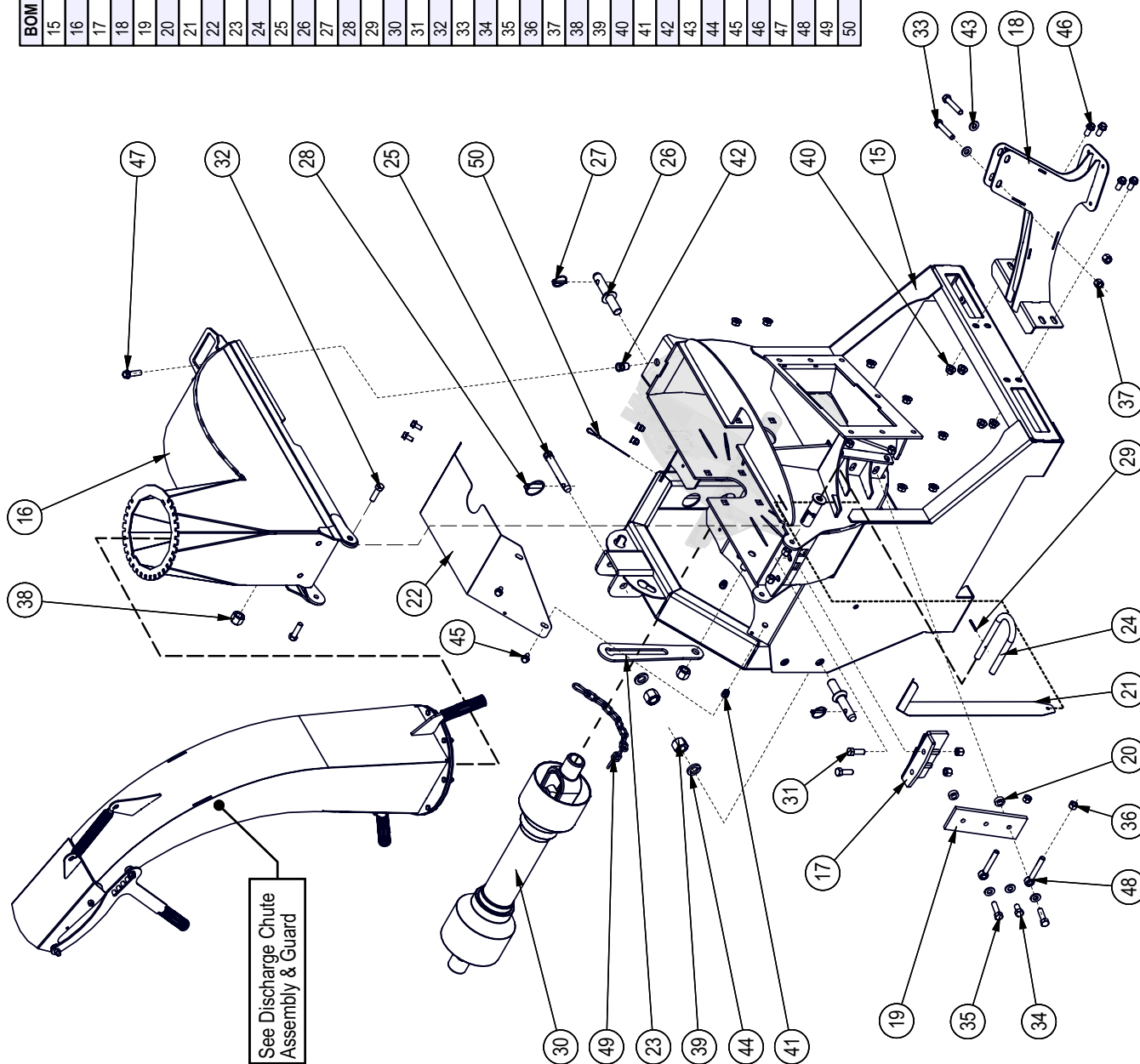
1. Check flare and flare seat for defects that might cause leakage.
2. Align tube with fitting before tightening.
3. Lubricate connection and hand tighten swivel nut until snug.
4. To prevent twisting the tube(s), use two wrenches. Place one wrench on the connector body and with the second tighten the swivel nut to the torque shown.

Tube Size OD	Nut Size Across Flats	Torque Value•		Recommended Turns To Tighten (After Finger Tightening)	
		(N.m)	(lb-ft)	(Flats)	(Turn)
3/16	7/16	8	6	1	1/6
1/4	9/16	12	9	1	1/6
5/16	5/8	16	12	1	1/6
3/8	11/16	24	18	1	1/6
1/2	7/8	46	34	1	1/6
5/8	1	62	46	1	1/6
3/4	1-1/4	102	75	3/4	1/8
7/8	1-3/8	122	90	3/4	1/8

The torque values shown are based on lubricated connections as in reassembly.

MODELS BX72R, B72RI

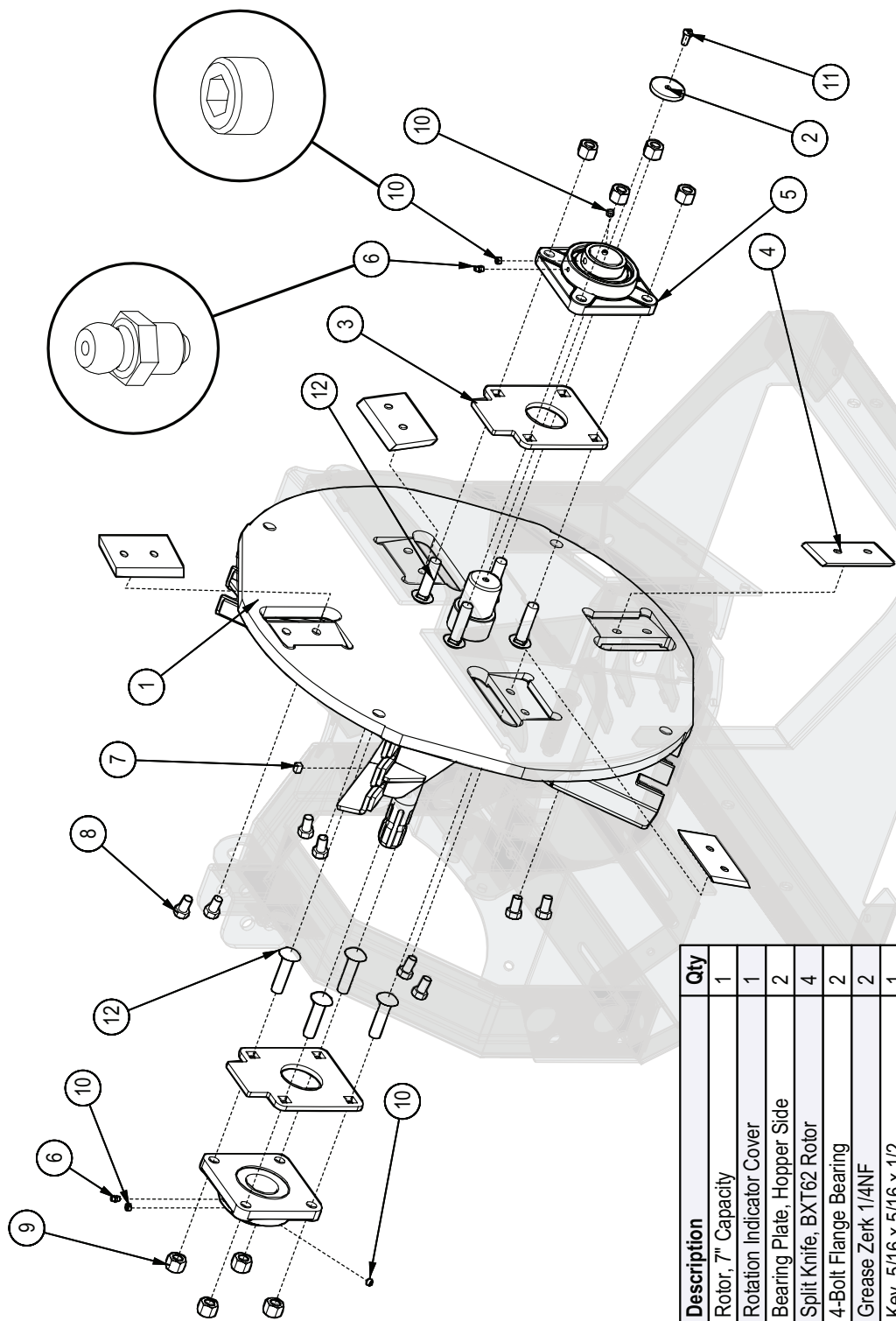
PTO Base Assembly



BOM ID	Part No.	Description	Qty
15	1023W102	Lower Housing Weldment	1
16	1023W222	Weldment, Upper Housing	1
17	1012W204	Twig Breaker	1
18	1023W104	Hopper Support Weldment	1
19	1012M204	Knife, BX62 Ledger	1
20	1023L150	Ledger Washer	2
21	1012L269	Gauge, Ledger Setting	1
22	1023L153	PTO Shield	1
23	1023L155	Rotation Stop	1
24	1082M402	Locking Plunger	1
25	Z11122	Toplink Pin, 3/4" x 3-7/8"	1
26	Z11431	Implement Pin, 7/8" x 1-3/4" x 7/8NF	2
27	Z12110	Lynch Pin, 3/16"	2
28	Z12140	Lynch Pin, 7/16"	1
29	Z14151	Roll Pin, 3/16" x 1-1/2"	1
30	Z44504	PTO Shaft, Series B5 x 30.748"	1
31	Z11515	Hex Bolt, 1/2NC x 1-1/2"	2
32	Z11517	Hex Bolt, 1/2NC x 1-3/4"	2
33	Z11527	Hex Bolt, 1/2NC x 2-3/4"	2
34	Z1152G8	Hex Bolt, 1/2NF x 7/8" G8	1
35	Z11579G8	Hex Bolt, 1/2NF x 1-3/4" G8	2
36	Z12151	Hex Nut, 1/2NC	4
37	Z12251	Hex Lock Nut, 1/2NC	6
38	Z12271	Hex Lock Nut, 3/4NC	2
39	Z12282	Hex Lock Nut, 7/8NF	2
40	Z12551	Serrated Flange Locknut, 1/2NC	11
41	Z12959	Rivet Nut, 3/8NC x 312	4
42	Z12961	Rivet Nut, 1/2NC x 350	1
43	Z13151	SAE Washer, 1/2"	5
44	Z13381	Split Lock Washer, 7/8"	2
45	Z16133	Flange Bolt, 3/8NC x 3/4"	4
46	Z16153	Flange Bolt, 1/2NC x 1"	4
47	Z16155	Flange Bolt, 1/2NC x 1-3/4"	1
48	Z16553	Rod End, 1/2NC x 3-1/2" Full Threads	2
49	Z92310	PTO Support Chain, 3/16" x 1ft with Two Snaps	1
50	Z92110	Aircraft Cable, 1/16" x 24"	1

MODELS BX72R, BX72RI

Rotor Parts



It is recommended that the clearance between the rotor and stationary blades be set and maintained at 1/32 to 1/16 " (.76 - 1.52 mm) to obtain the best performance.

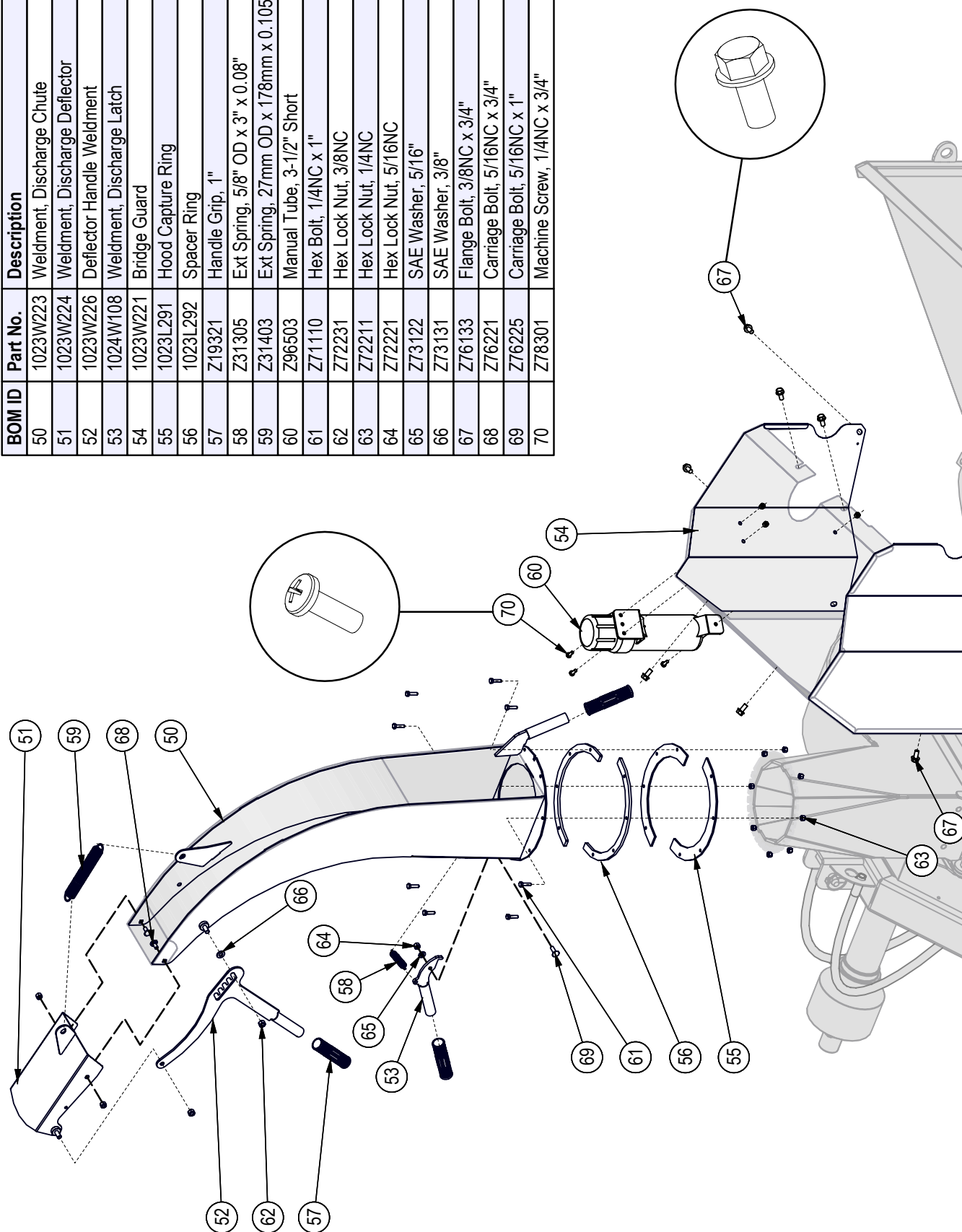
BOM ID	Description	Description	Qty
1	1023W101	Rotor, 7" Capacity	1
2	1021S102	Rotation Indicator Cover	1
3	1023L145	Bearing Plate, Hopper Side	2
4	1053M303	Split Knife, BXT62 Rotor	4
5	Z25203	4-Bolt Flange Bearing	2
6	Z29202	Grease Zerk 1/4NF	2
7	Z46545	Key, 5/16 x 5/16 x 1/2	1
8	Z71572G8	Hex Bolt, 1/2NF x 7/8 Gr8	8
9	Z72261G8	Hex Lock Nut, 5/8NC Grade 8	8
10	Z74132	Set Screw, 3/8NF	4
11	Z75351	BHCS, 5/16NF x 3/4	1
12	Z76264G8	Carriage Bolt, 5/8NC x 2-1/2 Grade 8	8

ECN0390

Discharge Chute Assembly & Guard

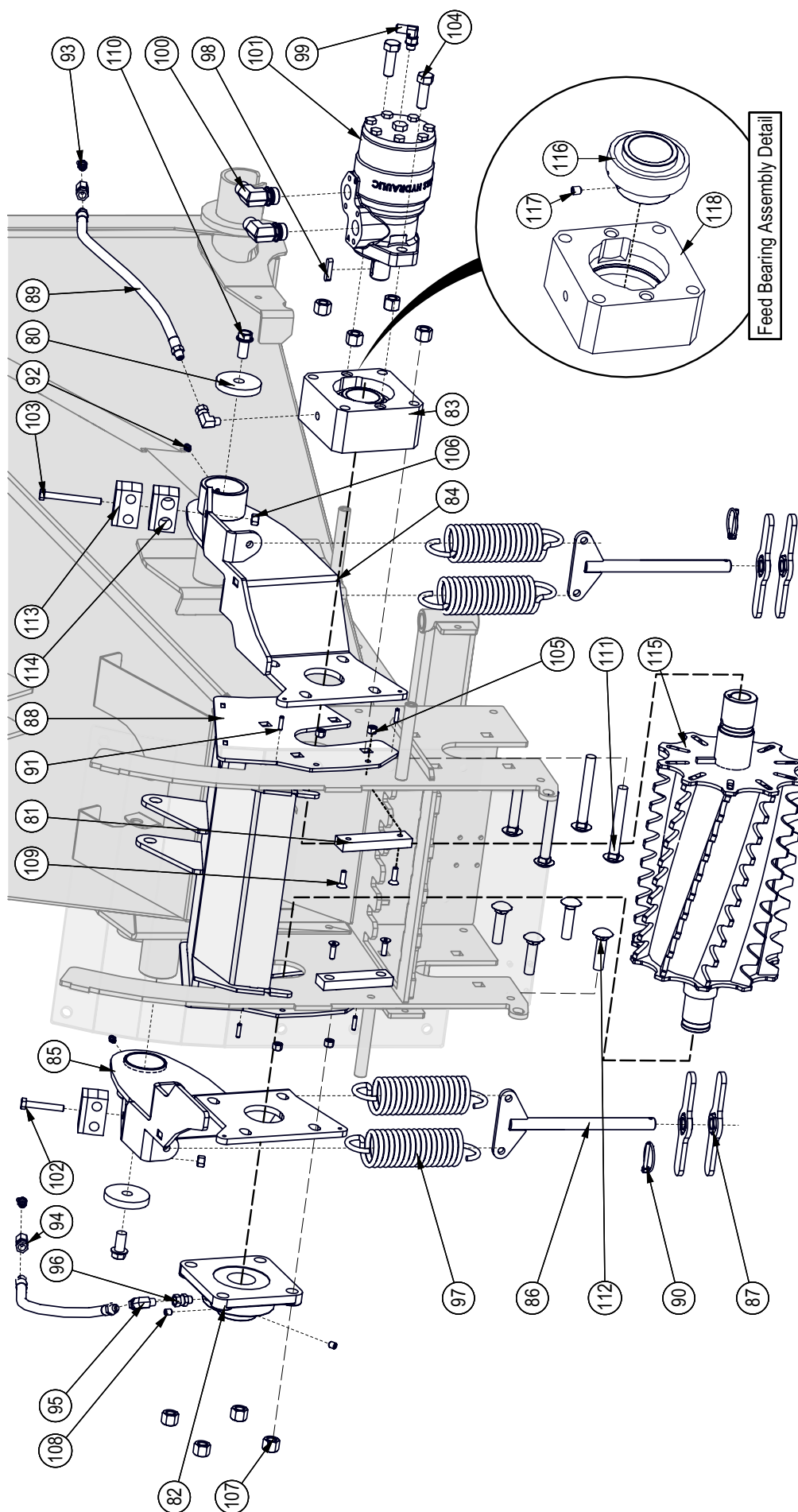
MODELS BX72R, BX7RI

BOM ID	Part No.	Description	Qty
50	1023W223	Weldment, Discharge Chute	1
51	1023W224	Weldment, Discharge Deflector	1
52	1023W226	Deflector Handle Weldment	1
53	1024W108	Weldment, Discharge Latch	1
54	1023W221	Bridge Guard	1
55	1023L291	Hood Capture Ring	2
56	1023L292	Spacer Ring	2
57	Z19321	Handle Grip, 1"	3
58	Z31305	Ext Spring, 5/8" OD x 3" x 0.08"	1
59	Z31403	Ext Spring, 27mm OD x 178mm x 0.105"	1
60	Z96503	Manual Tube, 3-1/2" Short	1
61	Z71110	Hex Bolt, 1/4NC x 1"	8
62	Z72231	Hex Lock Nut, 3/8NC	2
63	Z72211	Hex Lock Nut, 1/4NC	11
64	Z72221	Hex Lock Nut, 5/16NC	3
65	Z73122	SAE Washer, 5/16"	1
66	Z73131	SAE Washer, 3/8"	1
67	Z76133	Flange Bolt, 3/8NC x 3/4"	8
68	Z76221	Carriage Bolt, 5/16NC x 3/4"	2
69	Z76225	Carriage Bolt, 5/16NC x 1"	1
70	Z78301	Machine Screw, 1/4NC x 3/4"	3



MODELS BX72R, BX72RI

Upper Roller Ass'y



BOM ID	Part No.	Description	Qty
110	Z76153	Flange Bolt, 1/2NC x 1"	2
111	Z762511	Carriage Bolt, 1/2NC x 4"	4
112	Z76255	Carriage Bolt, 1/2NC x 2"	4
113	Z79462	Double Hose Clamp, 1 1/2" OD	2
114	Z79463	Double Hose Clamp, 1 1/16" OD	1
115	1023W227	BX72R Upper Feed Roller, Spiral	1
116	Z21903	Ball Bearing, UC209-28 x Insert	1
117	Z74122	Set Screw, 5/16NF x 3/8"	1
118	1022M218	UC Motor Bearing Housing	1

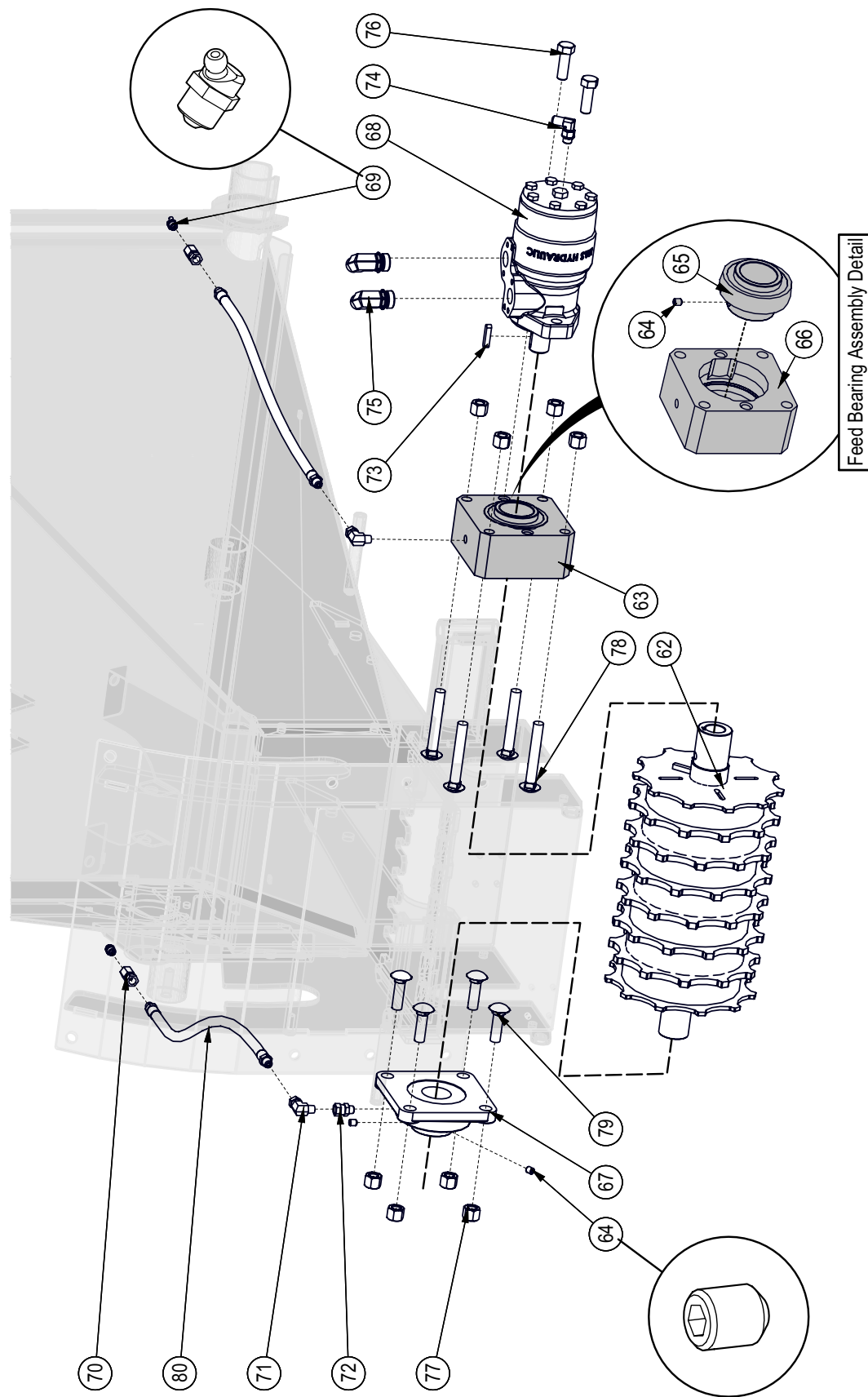
BOM ID	Part No.	Description	Qty
100	Z51658	Elbow 90, M/JC x MORB 0810	2
101	Z54104	Hydraulic Motor, 315CCOR	1
102	Z71220	Hex Bolt, 5/16NC x 2"	1
103	Z71230	Hex Bolt, 5/16NC x 3"	1
104	Z71515	Hex Bolt, 1/2NC x 1-1/2"	2
105	Z72211	Hex Lock Nut, 1/4NC	4
106	Z72221	Hex Lock Nut, 5/16NC	2
107	Z72251	Hex Lock Nut, 1/2NC	8
108	Z74122	Set Screw, 5/16NF x 3/8"	2
109	Z76211	FHCIS, 1/4NC x 7/8"	4

BOM ID	Part No.	Description	Qty
90	Z12110	Lynch Pin, 3/16"	2
91	Z14152	Roll Pin, 3/16" x 3/4"	4
92	Z25202	Grease Fitting, 1/4NF	2
93	Z29204	Elbow 45 Grease Fitting, MP02	2
94	Z29302	Grease Fitting, FP x FFX 0202	1
95	Z29307	Elbow 90 Grease Fitting, MP x FFX 0202	2
96	Z29311	Grease Fitting, MP x FFX 0202	1
97	Z31501	Ext Spring, 2" OD x 7" x 0.250"	4
98	Z46594	Blind Chipper Key, 1/4" x 1/4" x 1-1/4"	1
99	Z51657	Elbow 90, M/JC x MORB 0404	1

BOM ID	Part No.	Description	Qty
80	1015L618	Capture Washer	2
81	1022S208	Rotor Hood Slide	2
82	Z25204	4-Bolt Flange Bearing, UCF208-24	1
83	1022A205	Feed Bearing Assembly	1
84	1023W202	Weldment, Roller Pivot Arm LH	1
85	1023W202H	Weldment, Roller Pivot Arm RH	1
86	1022W206	Spring Yoke	2
87	1022W220	Nut Handle	4
88	1061W168	Bridges, Guarded	1
89	1023F-112	1/4" Grease Whip, MP02 x MP02 x 13"	2

MODELS BX72R, B72RI

Lower Roller Ass'y



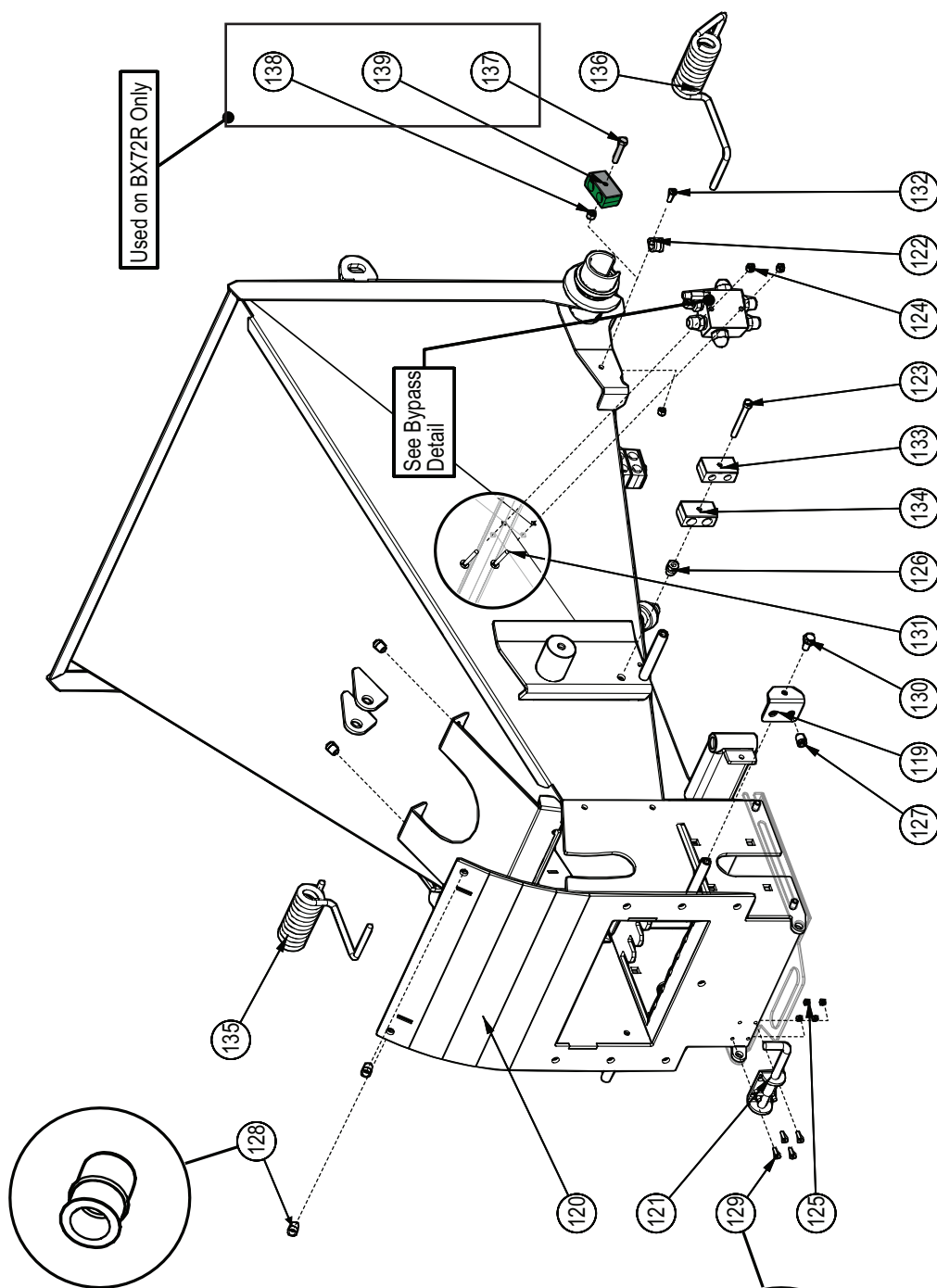
Feed Bearing Assembly Detail

BOM ID	Part No.	Description	Qty
69	Z29204	Elbow 45 Grease Fitting, MP02	2
70	Z29302	Grease Fitting, FP x FFX 0202	2
71	Z29307	Elbow 90 Grease Fitting, MP x FFX 0202	2
72	Z29311	Grease Fitting, MP x FFX 0202	1
73	Z46594	Blind Chipping Key, 1/4" x 1/4" x 1-1/4"	1
74	Z51657	Elbow 90, MJIC x MORB 0404	1
75	Z51658	Elbow 90, MJIC x MORB 0810	2

BOM ID	Part No.	Description	Qty
62	1023W205	Lower Feed Roll	1
63	1022A205	Feed Bearing Assembly	1
64	Z21422	Set Screw, 5/16NF x 3/8"	3
65	Z21903	Ball Bearing, UC209-28 x Insert	1
66	1022M218	UC Motor Bearing Housing	1
67	Z28204	4-Bolt Flange Bearing, UCF208-24	1
68	Z54104	Hydraulic Motor, 315CCR	1

BOM ID	Part No.	Description	Qty
76	Z71515	Hex Bolt, 1/2NC x 1-1/2"	2
77	Z72251	Hex Lock Nut, 1/2NC	8
78	Z762510	Carriage Bolt, 1/2NC x 3-1/2"	4
79	Z76258	Carriage Bolt, 1/2NC x 1-3/4"	4
80	1023F113	1/4" Grease Whip, MP02 x MP02 x 16"	2

Hopper Ass'y (top view)

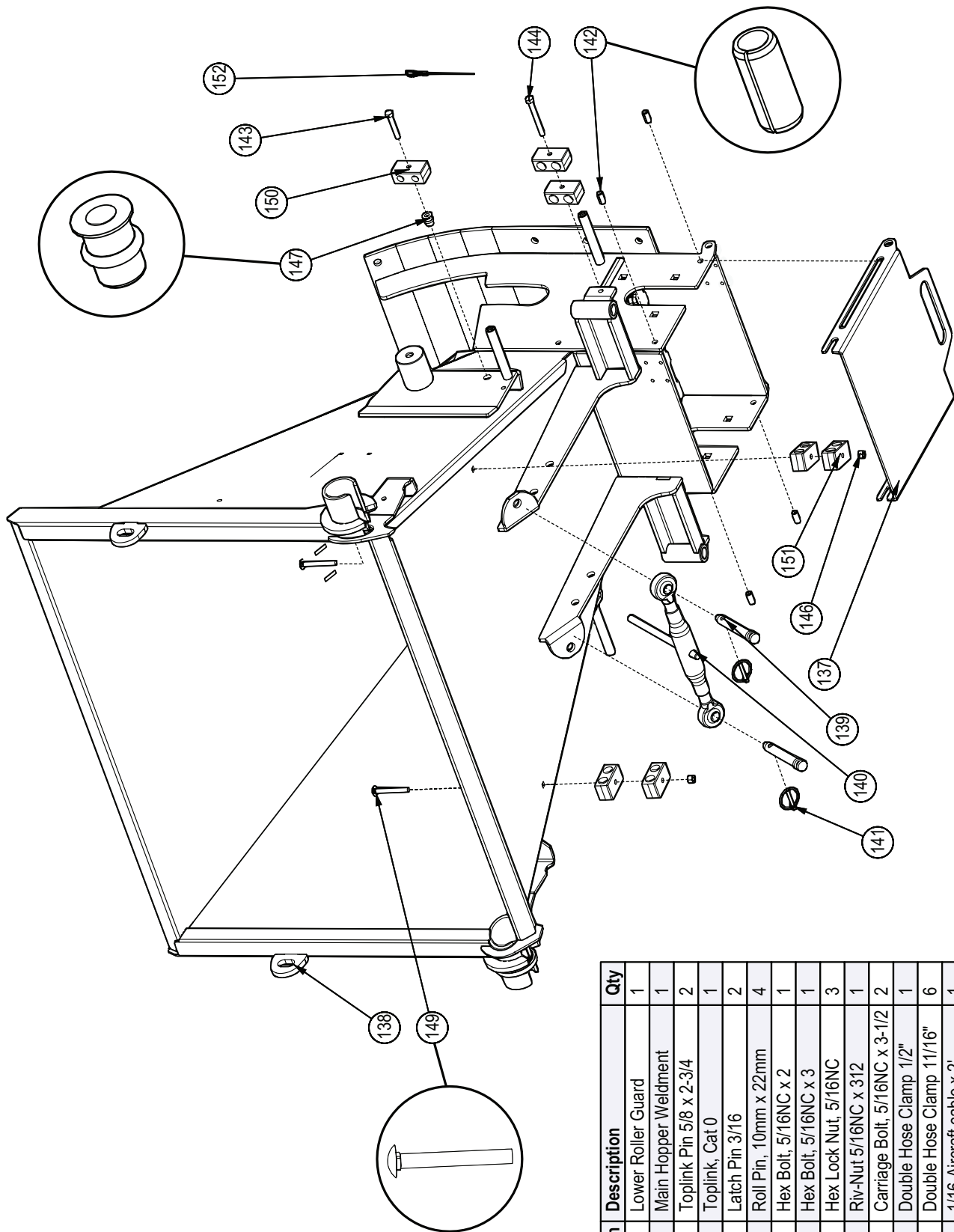


Used on BX72R Only

See Bypass
Detail

MODELS BX72R, B72RI

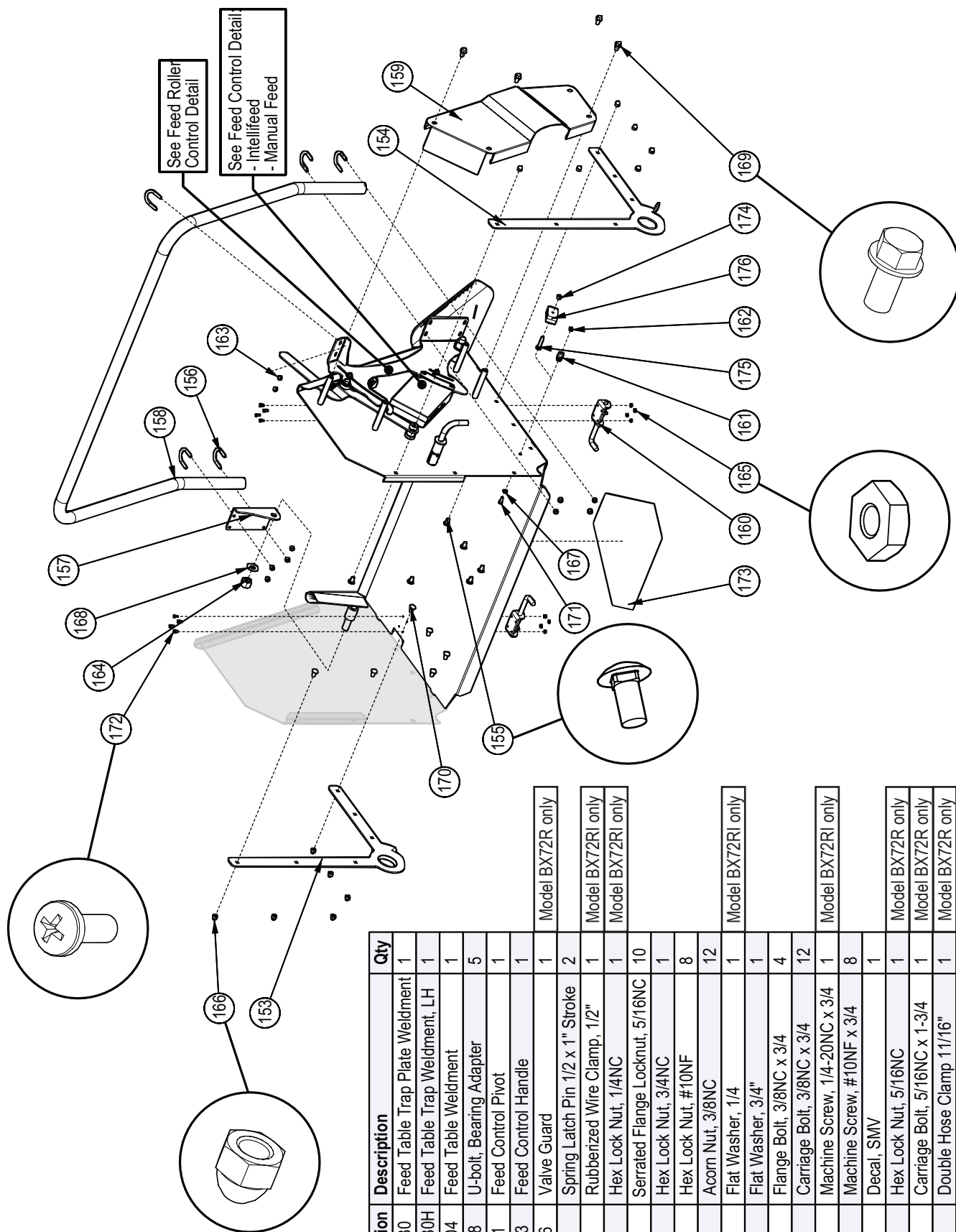
Hopper Ass'y (bottom view)



BOM ID	Description	Description	Qty
137	1023L280	Lower Roller Guard	1
138	1023W201	Main Hopper Weldment	1
139	Z11111	Toplink Pin 5/8 x 2-3/4	2
140	Z11501	Toplink, Cat 0	1
141	Z12110	Latch Pin 3/16	2
142	Z14301	Roll Pin, 10mm x 22mm	4
143	Z171220	Hex Bolt, 5/16NC x 2	1
144	Z171230	Hex Bolt, 5/16NC x 3	1
146	Z172221	Hex Lock Nut, 5/16NC	3
147	Z172957	Riv-Nut 5/16NC x 312	1
149	Z176229	Carriage Bolt, 5/16NC x 3-1/2	2
150	Z179462	Double Hose Clamp 1/2"	1
151	Z179463	Double Hose Clamp 11/16"	6
152	Z192110	1/16 Aircraft cable x 2'	1

MODELS BX72R, B72RI

Feed Table Parts

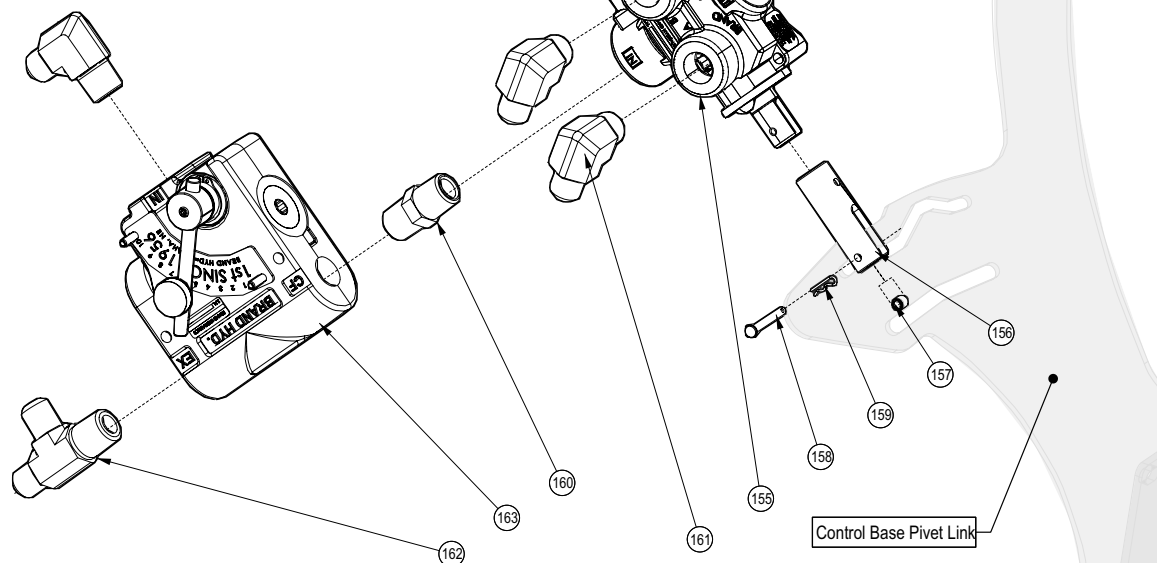


BOM ID	Description	Description	Qty
153	1022W230	Feed Table Trap Plate Weldment	1
154	1022W230H	Feed Table Trap Weldment, LH	1
155	1023W204	Feed Table Weldment	1
156	1015S538	U-bolt, Bearing Adapter	5
157	1022L271	Feed Control Pivot	1
158	1023S203	Feed Control Handle	1
159	1022L256	Valve Guard	1
160	Z18207	Spring Latch Pin 1/2 x 1" Stroke	2
161	Z62819	Rubberized Wire Clamp, 1/2"	1
162	Z72211	Hex Lock Nut, 1/4NC	1
163	Z72521	Serrated Flange Locknut, 5/16NC	10
164	Z72271	Hex Lock Nut, 3/4NC	1
165	Z72204	Hex Lock Nut, #10NF	8
166	Z72911	Acorn Nut, 3/8NC	12
167	Z73111	Flat Washer, 1/4	1
168	Z73171	Flat Washer, 3/4"	1
169	Z76133	Flange Bolt, 3/8NC x 3/4	4
170	Z76233	Carriage Bolt, 3/8NC x 3/4	12
171	Z78301	Machine Screw, 1/4-20NC x 3/4	1
172	Z78316	Machine Screw, #10NF x 3/4	8
173	Z94601	Decal, SMV	1
174	Z72221	Hex Lock Nut, 5/16NC	1
175	Z76227	Carriage Bolt, 5/16NC x 1-3/4	1
176	Z79463	Double Hose Clamp 1 1/16"	1

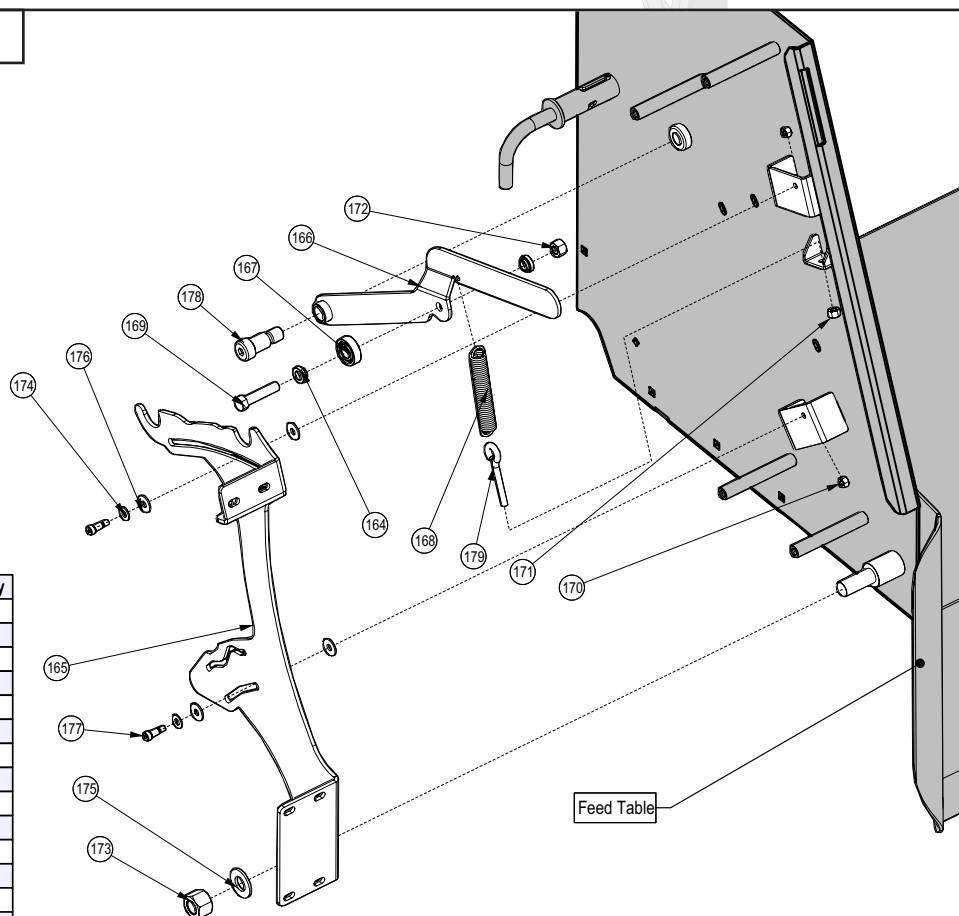
Roller Valve Detail

MODEL BX72R

BOM ID	Description	Description	Qty
155	Z56215	Spring Ctr Low Force Directional Valve	1
156	1022M213	Bearing Yoke	1
157	1022M217	Solid Bearing	1
158	Z11301	Clevis Pin 3/16 x 1-3/8"	1
159	Z12210	Hitch Pin Clip, 1/16	1
160	Z51122	Nipple, MP x MP 0808	1
161	Z51451	#8JIC x 1/2NPT 90 Elbow	4
162	Z51487	Tee MJIC x MP x MJIC 080808	1
163	Z56305	Brand PFC 0-8 GPM	1

**Feed Roller Control Detail**

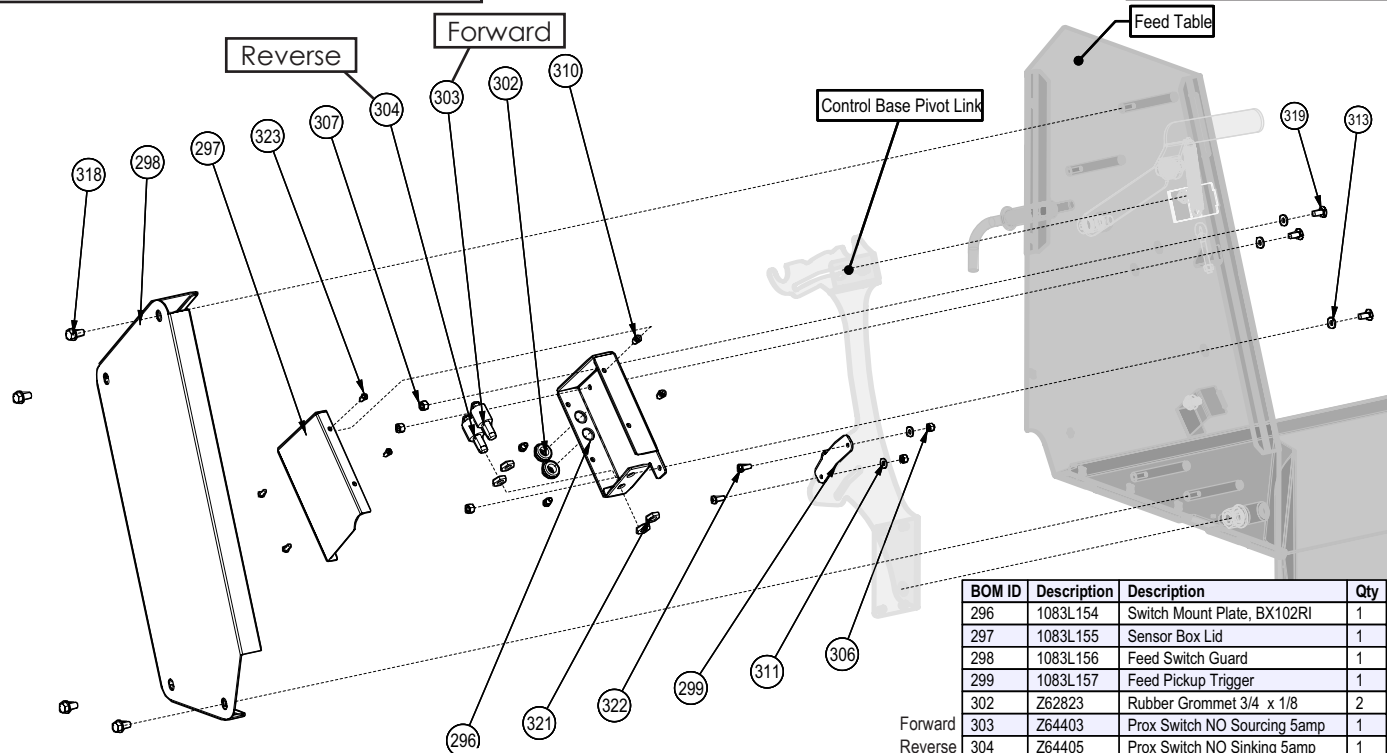
BOM ID	Description	Description	Qty
164	1015M537	Bushing, Bearing	2
165	1022L239	Control Base Pivot Link	1
166	1022W224	Detent Reset Weldment	1
167	Z21203	Ball Bearing 6202 RS	1
168	Z31401	Spring 3/4 x 4" Heavy	1
169	Z71420	Hex Bolt, 7/16NC x 2	1
170	Z72211	Hex Lock Nut, 1/4NC	2
171	Z72221	Hex Lock Nut, 5/16NC	1
172	Z72241	Hex Lock Nut, 7/16NC	1
173	Z72271	Hex Lock Nut, 3/4NC	1
174	Z73122	Flat Washer, 5/16	2
175	Z73171	Flat Washer, 3/4"	1
176	Z73222	PTFE Flat Washer, 5/16 x 0.080"	4
177	Z75522	Shoulder Bolt, 5/16 x 1/2"	2
178	Z75574	Shoulder Bolt, 3/4 x 1	1
179	Z76522	Eye Bolt 5/16NC x 2	1



MODELS BX72R, BX72RI

Intellifeed Roller Control Detail

MODEL B72RI

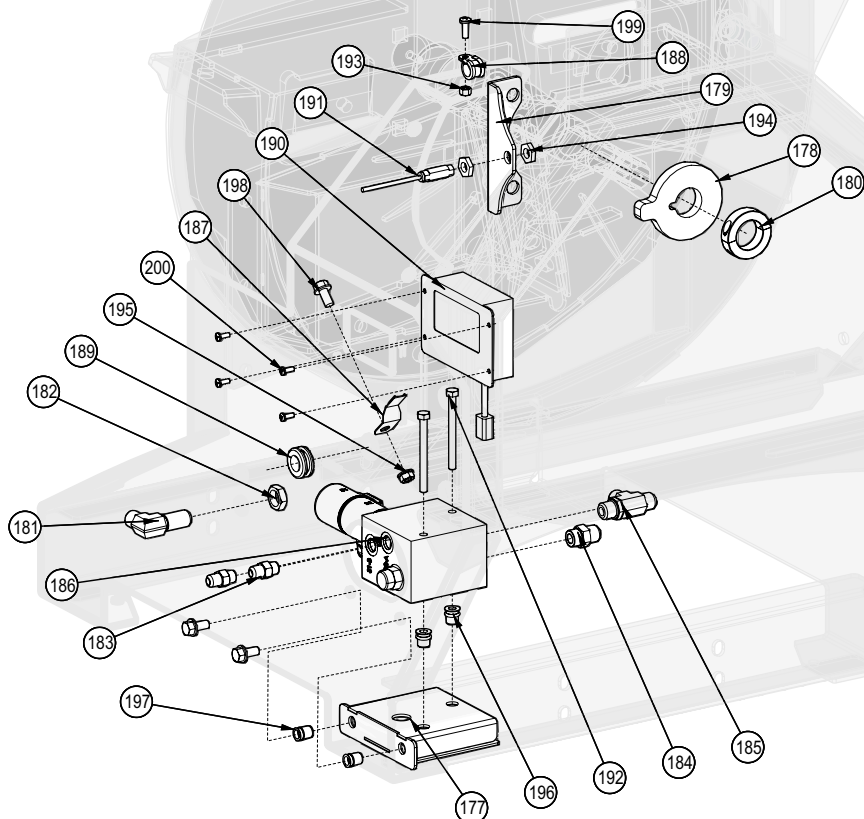


BOM ID	Description	Description	Qty
296	1083L154	Switch Mount Plate, BX102RI	1
297	1083L155	Sensor Box Lid	1
298	1083L156	Feed Switch Guard	1
299	1083L157	Feed Pickup Trigger	1
302	Z62823	Rubber Grommet 3/4 x 1/8	2
303	Z64403	Prox Switch NO Sourcing 5amp	1
304	Z64405	Prox Switch NO Sinking 5amp	1
306	Z72211	Hex Lock Nut, 1/4NC	4
307	Z72221	Hex Lock Nut, 5/16NC	4
310	Z72954	Riv-Nut #10-32NF - 130	4
311	Z73111	Flat Washer, 1/4	2
313	Z73123	Rubber Flat Washer, 5/16 x 0.093"	3
318	Z76133	Flange Bolt, 3/8NC x 3/4	4
319	Z76221	Carriage Bolt, 5/16NC x 3/4	3
321	Z77282	Jam Nut, M14 x 1.5	4
322	Z78301	Machine Screw, 1/4-20NC x 3/4	2
323	Z78303	Machine Screw, #10-32NF x 1/2	4

Forward
Reverse**Intellifeed Components**

MODEL B72RI

BOM ID	Description	Description	Qty
177	1083W151	BX102R IntellIFEED Weldment	1
178	1023L751	Rotor Speed Indicator, BX102R	1
179	1023L752	Sensor Mounting Bracket	1
180	Z46315	Shaft Collar, 1-3/8" ID x 9/16	1
181	Z51492	Elbow 90 MJIC x BH 0808	1
182	Z51493	BH Locknut, 08	1
183	Z51641	#6ORB x #6JIC	2
184	Z51643	#8ORB x #8JIC	1
185	Z51673	Tee, MJIC x MORB x MJIC 080808	1
186	Z56508	CR IntellIFEED Manifold 6gpm	1
187	Z62816	Deutsch Mounting Clip	1
188	Z62819	Rubberized Wire Clamp, 1/2"	1
189	Z62822	Rubber Grommet 3/4 x 1/4	1
190	Z66204	Control, IntellIFEED	1
191	Z66210	IntellIFEED Pickup Sensor with 68" Lead	1
192	Z71235	Hex Bolt, 5/16NC x 3-1/2	2
193	Z72211	Hex Lock Nut, 1/4NC	1
194	Z72357	Brass Jam Nut, 9/16-18NF	2
195	Z72531	Flange Nut 3/8NC	1
196	Z72956	Riv-Nut 5/16NC x 150	2
197	Z72958	Riv-Nut 3/8NC x 150	2
198	Z76133	Flange Bolt, 3/8NC x 3/4	3
199	Z78301	Machine Screw, 1/4-20NC x 3/4	1
200	Z78303	Machine Screw, #10-32NF x 1/2	4

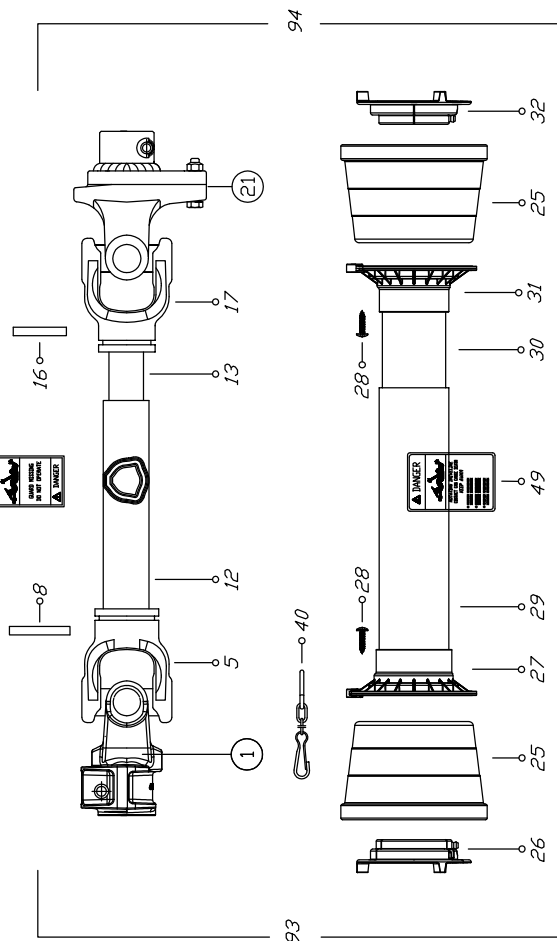
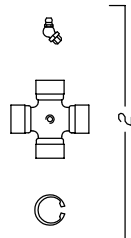


PTO Shaft #Z44504

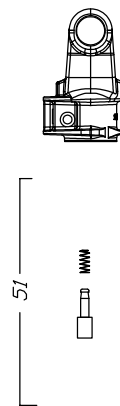
MODELS BX72R, B72RI

Binacchi SPARE PARTS LIST : B5D056US098001

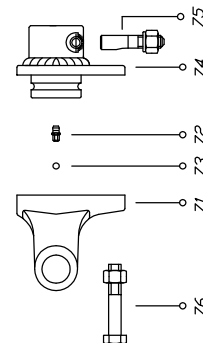
POS.	DESCRIPTION	Q.	Part #
01	YOKE	1	0800503
02	CROSS JOURNAL ASS.	2	08205
05	OUTER TUBE YOKE	1	08005021
08	FLEXIBLE PIN	1	098701075
12	CM. 100 CARDAN TUBE(*)	1	09881523100
13	CM. 100 CARDAN TUBE(*)	1	09881454100
16	FLEXIBLE PIN	1	0987001065
17	INNER TUBE YOKE	1	08005011
21	SHEAR BOLT M10X1.5X55	1	Z19407 (5 Pack)
25	CONE SHIELD BELL 05-06	2	021906C001
26	OUTER BEARING 05	1	025505C001
27	OUTER BASE CONE 05-06	1	025406C001
28	SCREW	6	0998052242
29	OUTER SAFETY TUBE	1	0988981NB5056
30	INNER SAFETY TUBE	1	0988975NB5056
31	INNER BASE CONE 05-06	1	025406C002
32	INNER BEARING 05	1	025505C002
40	CHAIN	1	0252000001
48	LABEL DANGER OUTER DRIVE TUBE	1	09872006
49	EXTERNAL SHIELD LABEL	1	09872003
51	COMPLETE PUSH BUTTTON	1	0986014047
71	YOKE FOR LB5	1	08896905
72	GREASE NIPPLE	1	0984010150
73	STEEL BALL	23	098680104
74	HUB	1	088965A60
75	PUSH PIN SET	1	0986014075
76	NUT AND BOLT M10 x 1.5 x 55	1	Z19407 (5 Pack)
93	OUTER HALF SHAFT	1	B5056US2
94	INNER HALF SHAFT	1	B5056US1098001
97	SAFETY GUARD	1	083US05056



(1)



(21)



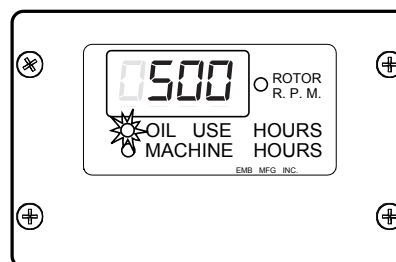
Intellifeed Settings

Programming Hints: The factory settings provide good overall performance for the BX chippers, however you may under certain circumstances, choose to customize performance. Here are some helpful hints:

- For heavier brush, decrease the upper flow percentage for slower feed speed.
- For lighter brush, increase the upper flow percentage for faster feed speed.
- If the chipper is stalling before the feed rolls stop, increase the rotor floor setting.
- If you prefer more aggressive feeding with faster feed and more stops, increase the lower flow percentage.

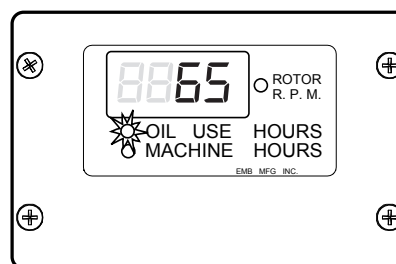
1. Programming Upper RPM Limit (Ceiling):

- **factory setting is :**
 - **500 RPM for 540 RPM operating speed**
 - **950 RPM for 1000 RPM operating speed**
- Press mode button twice. Digital readout will display current upper limit setting. This represents the RPM at which the Rapid Recovery Auto Reverse will re-start the feed rolls after a suspension.
- Oil Use indicator will flash. Increase or decrease setting using program buttons



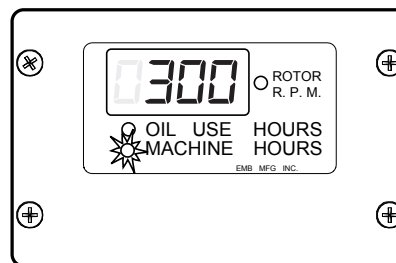
2. Programming Upper Flow Percentage:

- **factory setting is 65%**
- Press mode button once more. Digital readout will display current upper flow setting. This represents the percent of hydraulic flow that will be sent to the feed rolls (Feed speed.).
- Oil Use indicator will flash. Increase or decrease setting using program buttons, do not set above 80 %



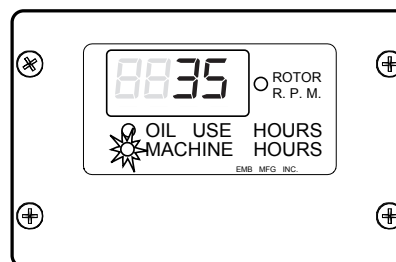
3. Programming Lower RPM Limit (Floor) :

- **Factory setting is:**
 - **300 RPM for 540 RPM operating speed**
 - **650 RPM for 1000 RPM operating speed**
- Press mode button once more. Digital readout will display current lower limit setting. This represents the rotor RPM at which the Rapid Recovery Auto Reverse will reverse and suspend the feed rolls.
- Machine hours indicator will flash. Increase or decrease setting using program buttons.



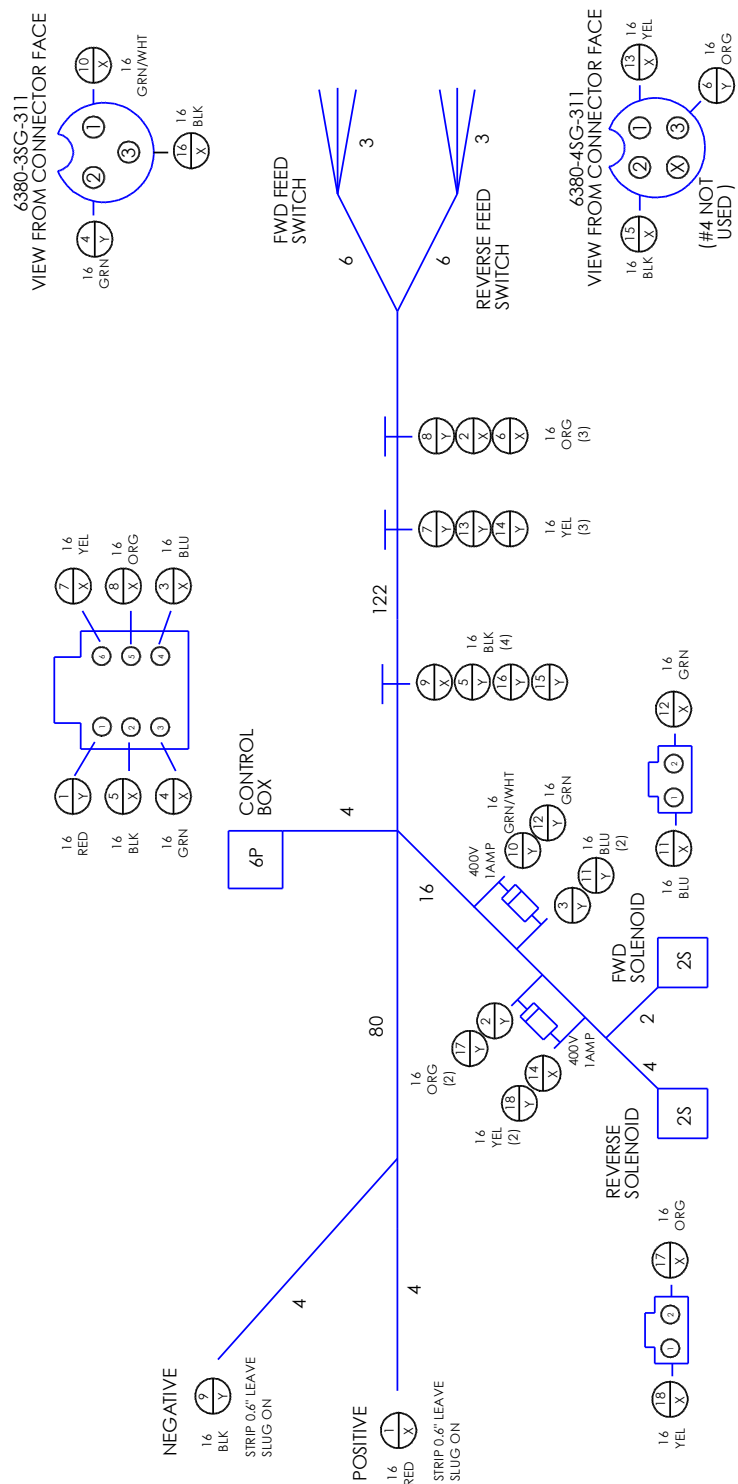
4. Programming Lower Flow Percentage:

- **factory setting is 35%**
- Press mode button once more. Digital readout will display current lower flow setting. This represents the percent of hydraulic flow that will be sent to the feed rolls (Feed speed.).
- Machine hours indicator will flash. Increase or decrease setting using program buttons, do not set below 25%



MODELS BX72R, BX72RI

NOTE: HARNESS IS BRAIDED

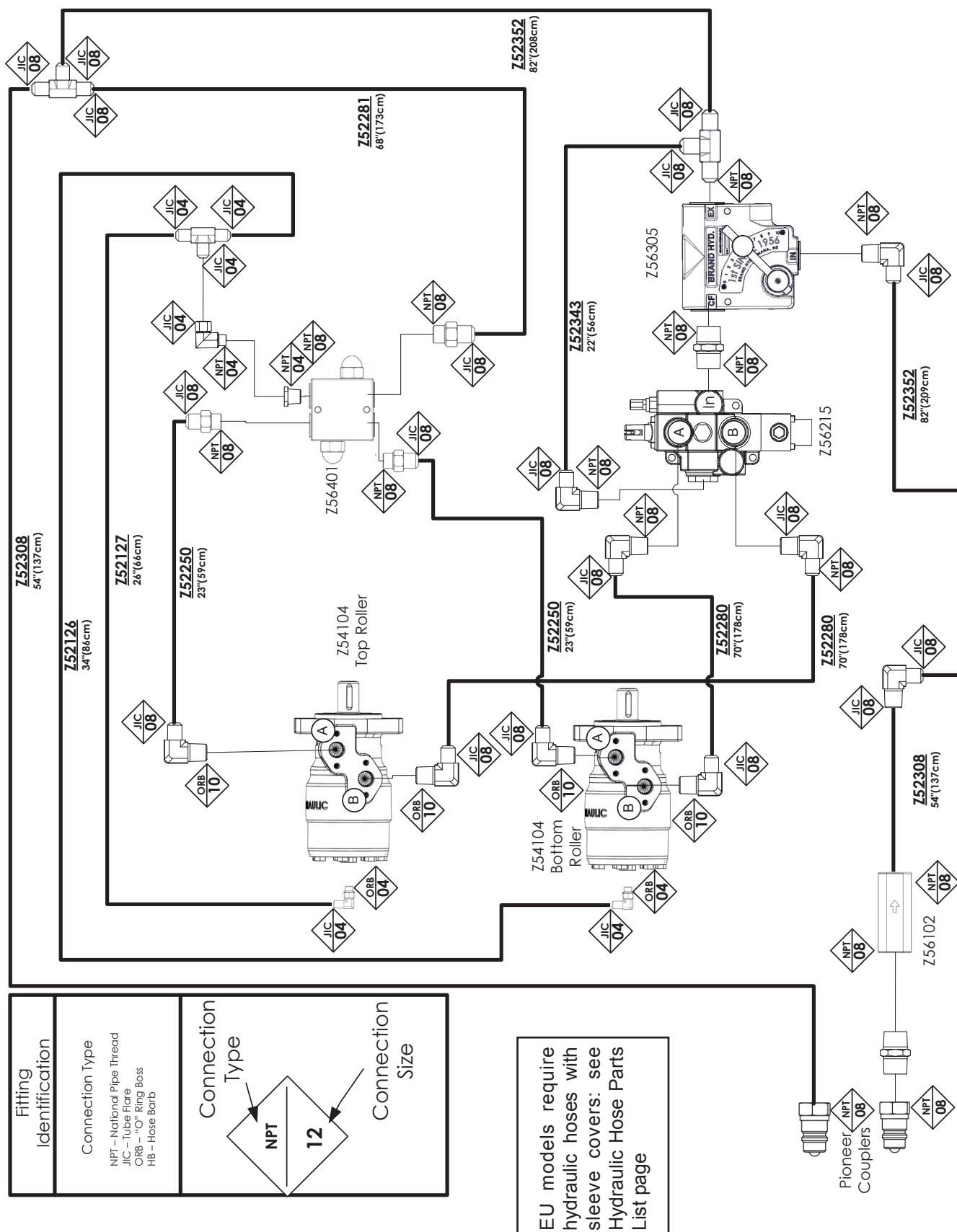


Hydraulic Hose Parts List

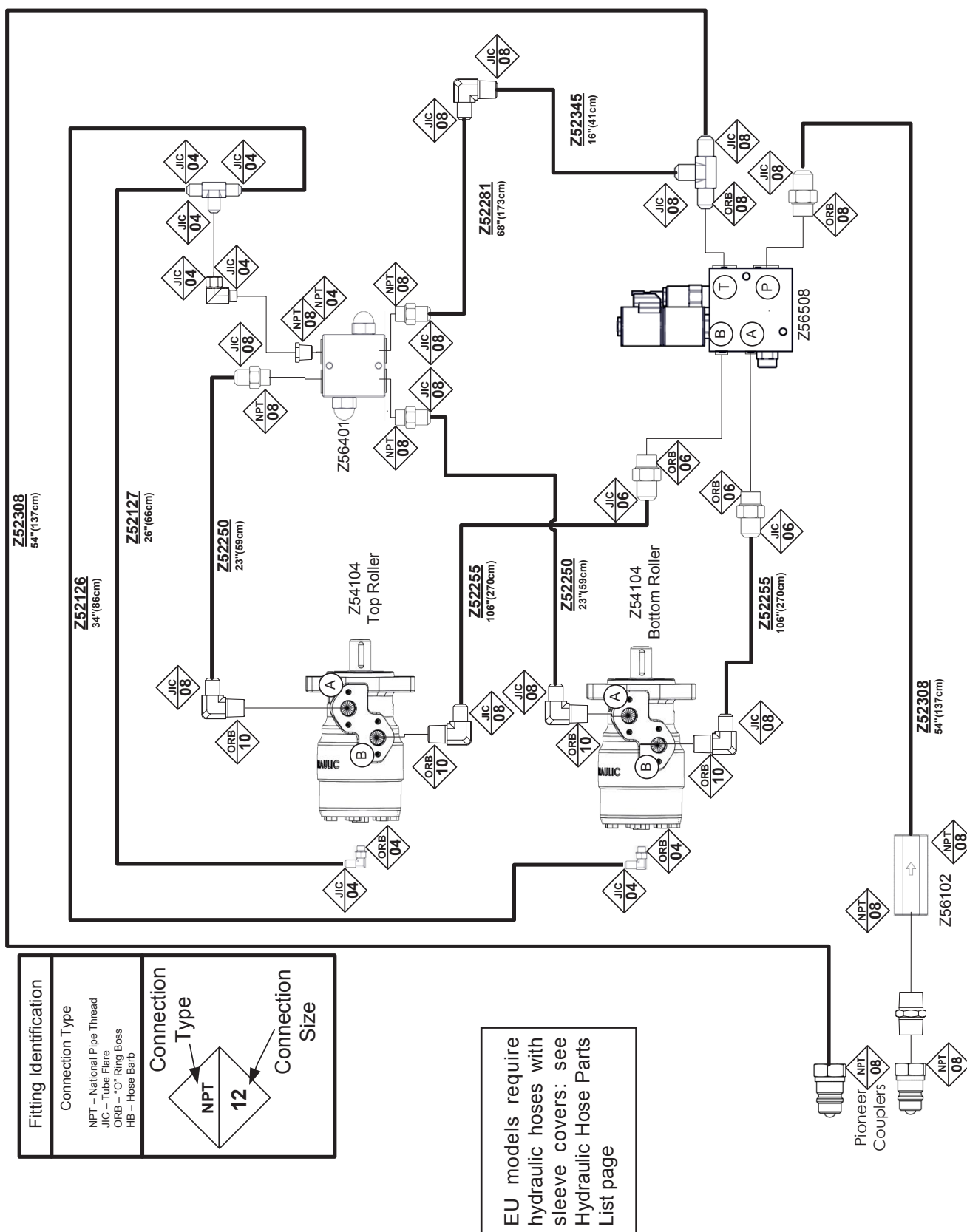
The Chart below is a complete list of hydraulic hoses for all models of the BX72. For information on your model and its hose connections please review the hydraulic schematics on the following pages.

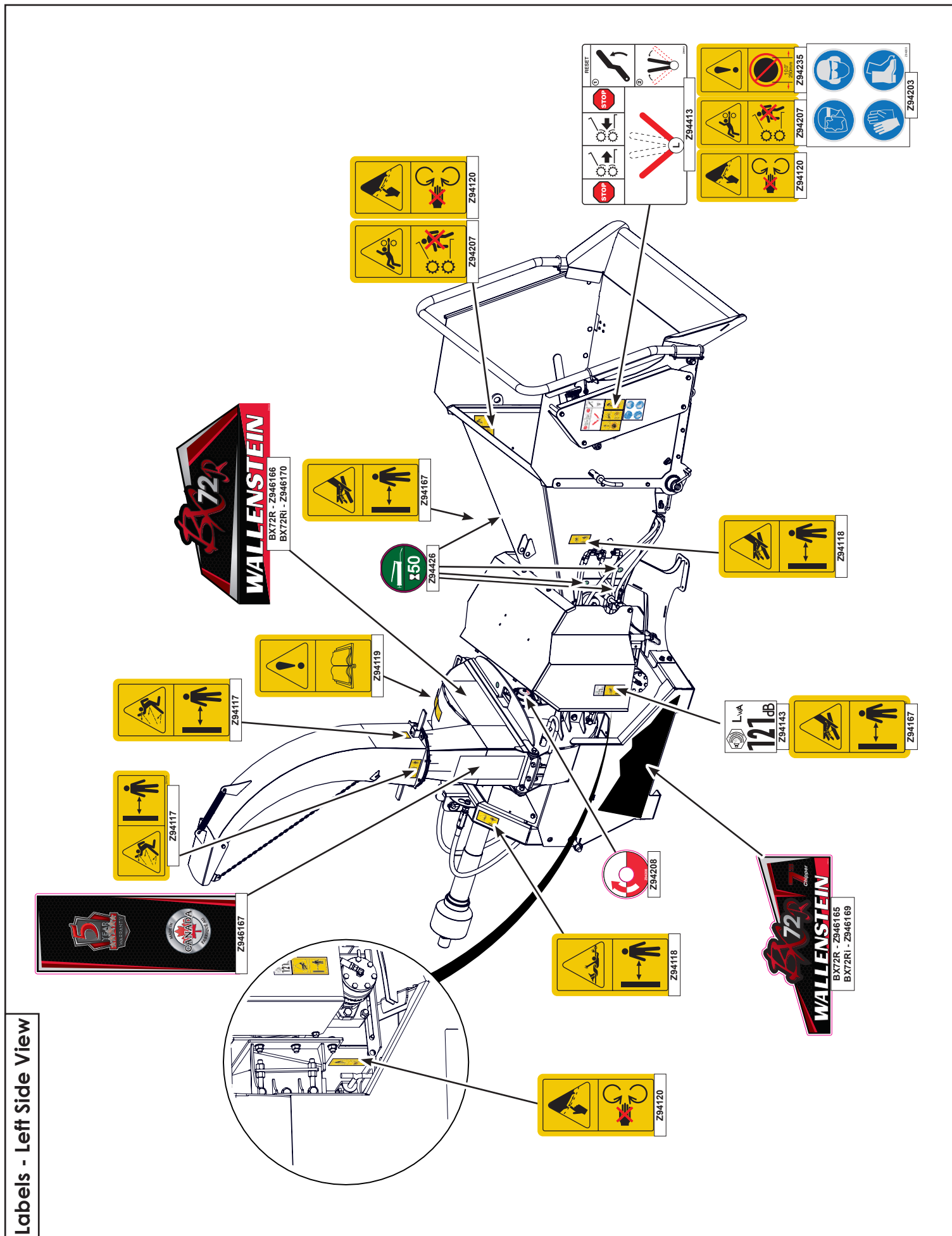
PARTNUMBER		Description	QTY.
With Protective Sleeve	With Out Protective Sleeve		
	1023F109	3/8 Hose, FJIC08 x 90FJIC08 x 23"	2
n/a	1023F110	1/4 Hose, FJIC04 x 90FJIC04 x 34"	1
n/a	1023F111	1/4 Hose, FJIC04 x 90FJIC04 x 26"	1
n/a	1023F112	1/4 Grease Whip, MP02 x MP02 x 13"	2
n/a	1023F113	1/4 Grease Whip, MP02 x MP02 x 16"	2
n/a	1023F101	1/2 Hose, FJIC08 x MP08 x 84"	2
n/a	1023F103	3/8 Hose, FJIC08 x FJIC08 x 68"	1
	1023F106	3/8 Hose, FJIC08 x 90FJIC06 x 106"	2
	1023F107	1/2 Hose, FJIC08 x 90FJIC08 x 16"	1
Hoses with Protective Sleeves are required for EU models			

Hydraulic Schematic BX72R

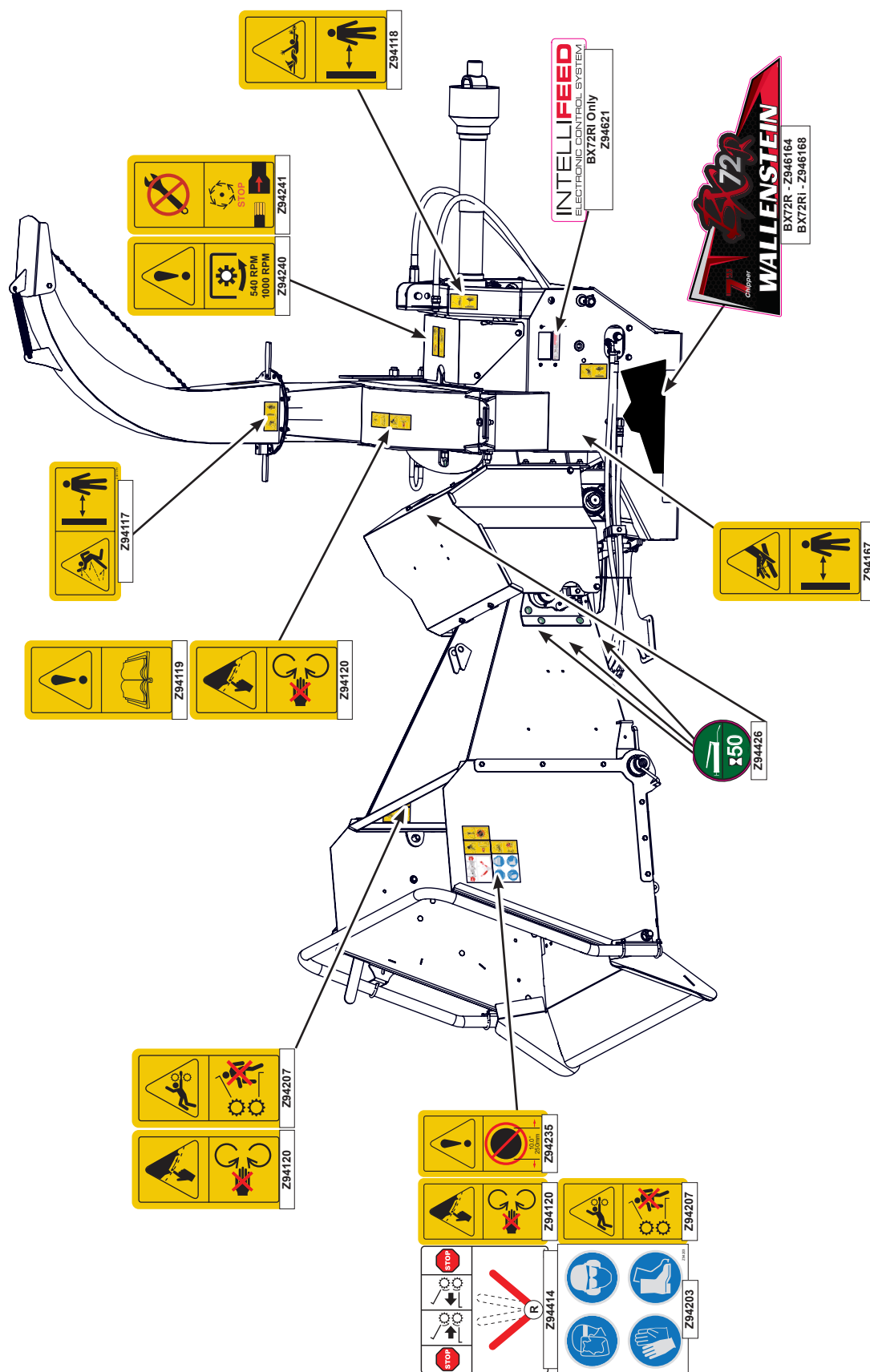


Hydraulic Schematic BX72RI





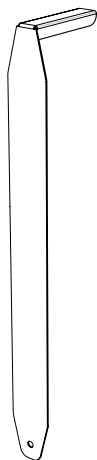
Labels - Right Side View



Accessories

Call your dealer for pricing and availability

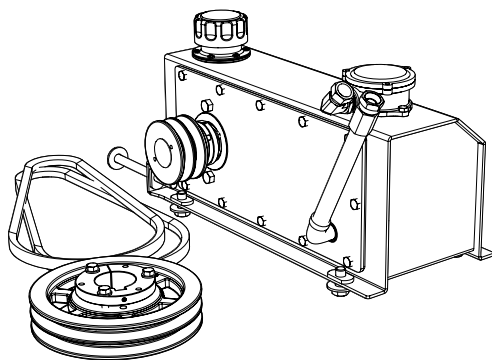
#1012L269



#1012L269 Ledger Clearance Setting Gauge.

For **BX72 Series**

An easy and accurate way of setting the critical clearances between the ledger blade and the rotor chipper blade.



#C4550

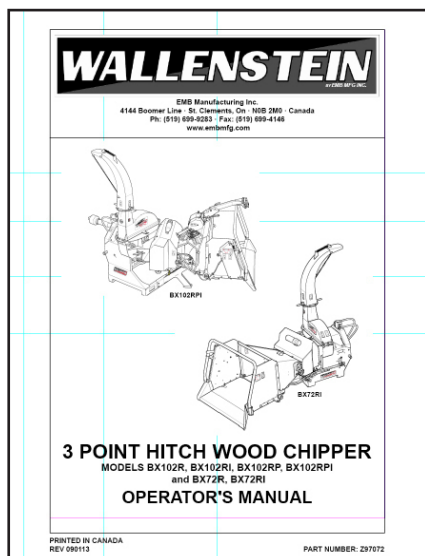
**#C3540 SELF CONTAINED PTO
POWER PACK**

For model: **BX72 Series**

Easy to install

For tractors without available hydraulics, the optional power-pack mounts on the chipper just under the PTO shaft, and provides you with the means to operate the hydraulic feed hopper on model BX72R.

**#Z97072
OPERATOR'S MANUAL**



Available as a download at
www.wallensteinequipment.com