

BX92R Chipper Parts Manual

S/N 192R30 to S/N 192R77



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.

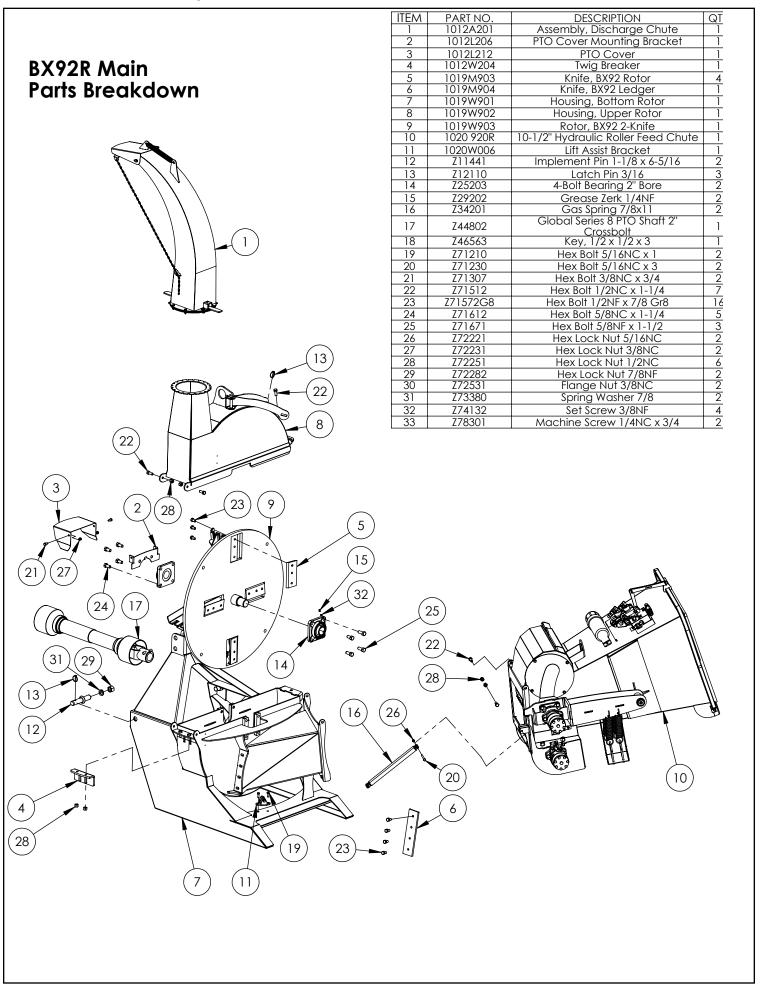
EMB reserves the right to alter specifications on their products at any time.

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

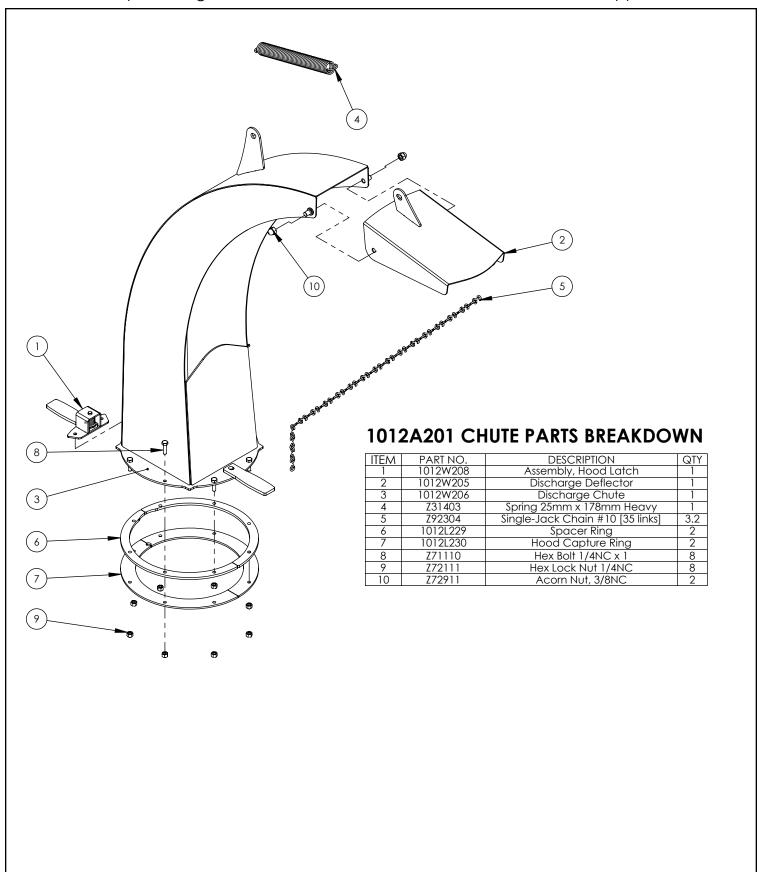
Table of Contents

Main Parts	5
Discharge Chute	7
Roller Feed Chute	8
Z56203 Valve	11
Binacchi PTO	12
Decal Breakdown	14





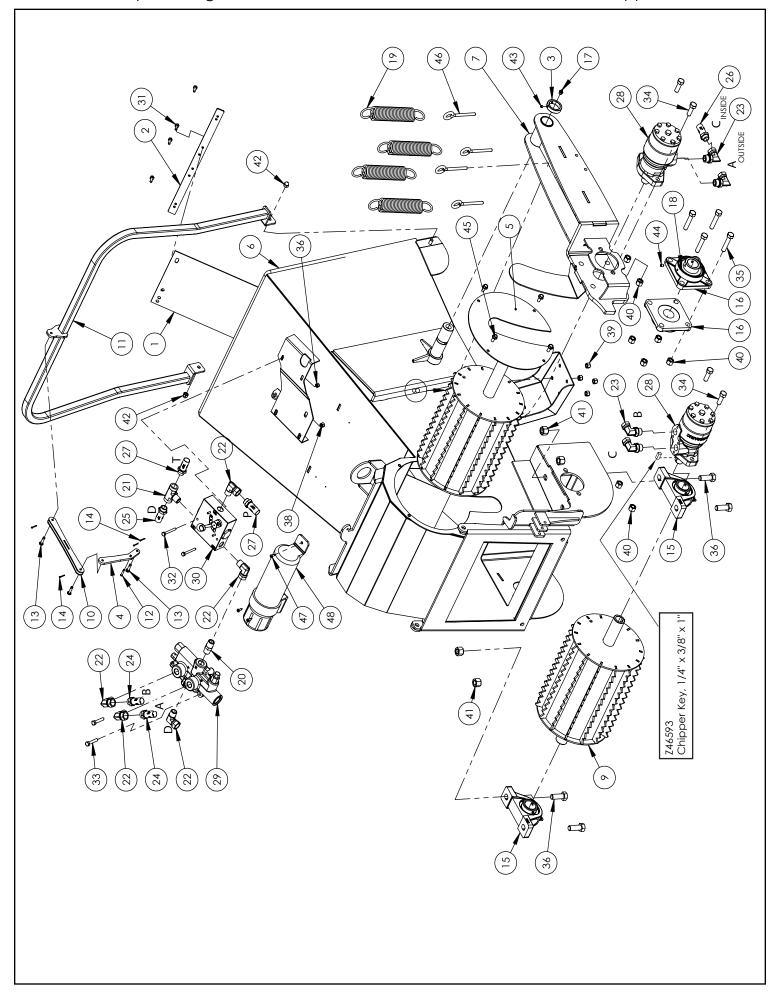




920R PARTS BREAKDOWN

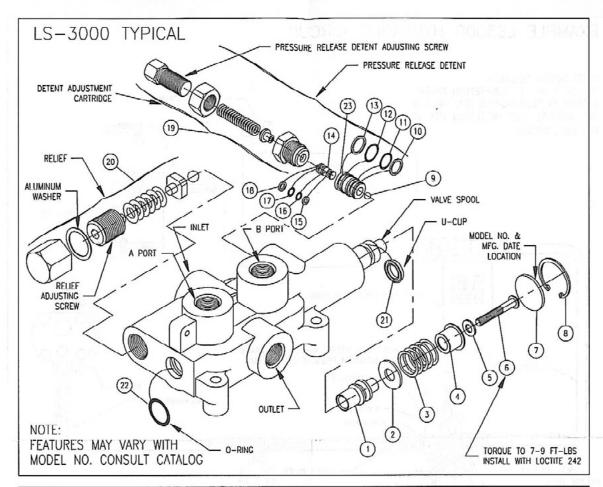
1	ITEM	PART NO.	Description	QTY.
3		10118103	Flap, Hopper	2
4 1020L068 Valve Lever 1 5 1020L505 Cover, Roller Access 1 6 1020W001 Hopper, Roller Feed 1 7 1020W002 Arm, Upper Roller 1 8 1020W003 Roller, Upper Feed 1 9 1020W007 Valve Link 1 10 1020W405 Handle, Feed Regulating 1 11 1020W405 Handle, Feed Regulating 1 12 211302 Clevis Pin 3/16 x 3/4 1 13 211313 Clevis Pin 3/32 X 3/4 4 14 212301 Cotter Pin 3/32 X 3/4 4 15 724101 P208 Pillow Block 1-1/2 2 16 225204 4-Bolt Bearing 1-1/2" Bore 2 17 729201 Grease Fitting, 1/8NPT 1 18 229202 Grease Fitting, 1/8NPT 1 18 229202 Grease Fitting, 1/8NPT 1 29 751331 Elbow 90 MP x MP 0808 1			Strap, Hopper Flap	1
5 1020U505 Cover, Roller Access 1 6 1020W001 Hopper, Roller Feed 1 7 1020W002 Arm, Upper Roller 1 8 1020W003 Roller, Lower Feed 1 9 1020W007 Valve Link 1 10 1020W405 Handle, Feed Regulating 1 11 1020W405 Handle, Feed Regulating 1 12 Z11302 Clevis Pin 3/16 x 3/4 1 13 Z11313 Clevis Pin 3/32 X 3/4 4 15 Z24101 P208 Pillow Block 1-1/2 2 16 Z25204 4-Bolt Bearing 1-1/2" Bore 2 17 Z29201 Grease Fitting, 1/8NPT 1 18 Z29202 Grease Zerk 1/4NF 2 19 Z31502 Spring, 1-3/4 x 9 Heavy 4 20 Z51122 Nipple, MP x MP 0808 1 21 Z51131 Elbow 90 MP x FPX 0808 1 22 Z51331 Elbow 90 MP x FPX 0808 5 <td>3</td> <td>1013M025</td> <td>Arm Capture Bushing</td> <td>1</td>	3	1013M025	Arm Capture Bushing	1
6 1020W001 Hopper, Roller Feed 7 1020W002 Arm, Upper Roller 8 1020W003 Roller, Upper Feed 1 10 1020W004 Roller, Lower Feed 1 10 1020W007 Valve Link 1 1 1020W405 Handle, Feed Regulating 1 1 2 211302 Clevis Pin 3/16 x 3/4 1 1 3 211313 Clevis Pin 1/4 x 1-1/8 3 14 212301 Cotter Pin 3/32 X 3/4 1 5 724101 P208 Pillow Block 1-1/2 1 6 225204 4-Bolt Bearing 1-1/2" Bore 2 17 729201 Grease Fitting, 1/8NPT 1 8 229202 Grease Zerk 1/4NF 2 9 731502 Spring, 1-3/4 x 9 Heavy 2 19 23 1502 Spring, 1-3/4 x 9 Heavy 2 2 2 51122 Nipple, MP x MP 0808 1 2 1 2 1 251161 Tee, FP x FP x MP 08088 1 2 2 2 2 3 2 51384 #10ORB x 1/2FNPT 90 Elbow 2 4 2 52310 1/2 Hose, MP08 x MP08 x 48" 2 2 2 5 2 5 2 5 2 3 1 4 1/2 Hose, MP08 x MP08 x 10" 2 7 2 5 2 3 1 1/2 Hose, MP08 x MP08 x NP08 x 10" 2 7 2 5 2 3 1 1/2 Hose, 1/2MP x 1/2MP x 20" 2 8 2 5 4 104 300 Series Hydraulic Motor 2 9 2 5 5 2 5 3 1 Hydraulic Flow Control 3 1 271107 Hex Bolt 1/4NC x 3/4 4 3 2 2 7 1 1 2 Hex Bolt 1/4NC x 3/4 4 3 3 2 7 1 1 2 Hex Bolt 1/4NC x 3/4 4 3 3 2 7 1 1 1 Hex Lock Nut 3/8NC 3 3 7 1 2 1 Hex Bolt 1/2NC x 1-1/2 4 3 3 2 7 1 1 Hex Bolt 1/2NC x 1-1/2 4 3 3 2 7 1 2 1 Hex Bolt 1/2NC x 1-1/2 4 3 3 2 7 1 2 1 Hex Bolt 1/2NC x 1-1/2 4 3 3 2 7 1 1 Hex Lock Nut 1/4NC 2 4 4 7 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 1 Hex Lock Nut 1/4NC 2 4 1 2 1 1 1 Hex Lock Nut 1/4NC 2 4 1 2 1 1 1 1 Hex Lock Nut 1/4NC 2 4 2 1 1 1 1 Hex Lock Nut 1/4NC 2 4 2 1 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	1020L068	Valve Lever	1
6 1020W001 Hopper, Roller Feed 7 1020W002 Arm, Upper Roller 8 1020W003 Roller, Upper Feed 1 10 1020W004 Roller, Lower Feed 1 10 1020W007 Valve Link 1 1 1020W405 Handle, Feed Regulating 1 1 2 211302 Clevis Pin 3/16 x 3/4 1 1 3 211313 Clevis Pin 1/4 x 1-1/8 3 14 212301 Cotter Pin 3/32 X 3/4 1 5 724101 P208 Pillow Block 1-1/2 1 6 225204 4-Bolt Bearing 1-1/2" Bore 2 17 729201 Grease Fitting, 1/8NPT 1 8 229202 Grease Zerk 1/4NF 2 9 731502 Spring, 1-3/4 x 9 Heavy 2 19 23 1502 Spring, 1-3/4 x 9 Heavy 2 2 2 51122 Nipple, MP x MP 0808 1 2 1 2 1 251161 Tee, FP x FP x MP 08088 1 2 2 2 2 3 2 51384 #10ORB x 1/2FNPT 90 Elbow 2 4 2 52310 1/2 Hose, MP08 x MP08 x 48" 2 2 2 5 2 5 2 5 2 3 1 4 1/2 Hose, MP08 x MP08 x 10" 2 7 2 5 2 3 1 1/2 Hose, MP08 x MP08 x NP08 x 10" 2 7 2 5 2 3 1 1/2 Hose, 1/2MP x 1/2MP x 20" 2 8 2 5 4 104 300 Series Hydraulic Motor 2 9 2 5 5 2 5 3 1 Hydraulic Flow Control 3 1 271107 Hex Bolt 1/4NC x 3/4 4 3 2 2 7 1 1 2 Hex Bolt 1/4NC x 3/4 4 3 3 2 7 1 1 2 Hex Bolt 1/4NC x 3/4 4 3 3 2 7 1 1 1 Hex Lock Nut 3/8NC 3 3 7 1 2 1 Hex Bolt 1/2NC x 1-1/2 4 3 3 2 7 1 1 Hex Bolt 1/2NC x 1-1/2 4 3 3 2 7 1 2 1 Hex Bolt 1/2NC x 1-1/2 4 3 3 2 7 1 2 1 Hex Bolt 1/2NC x 1-1/2 4 3 3 2 7 1 1 Hex Lock Nut 1/4NC 2 4 4 7 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 1 Hex Lock Nut 1/4NC 2 4 1 2 1 1 1 Hex Lock Nut 1/4NC 2 4 1 2 1 1 1 1 Hex Lock Nut 1/4NC 2 4 2 1 1 1 1 Hex Lock Nut 1/4NC 2 4 2 1 1 1 1 Hex Lock Nut 1/4NC 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5	1020L505	Cover, Roller Access	1
8 1020W003 Roller, Upper Feed 1 9 1020W007 Valve Link 1 10 1020W405 Handle, Feed Regulating 1 11 1020W405 Handle, Feed Regulating 1 12 711302 Clevis Pin 1/4 x 1-1/8 3 13 711313 Clevis Pin 1/4 x 1-1/8 3 14 712301 Cotter Pin 3/32 X 3/4 4 15 724101 P208 Pillow Block 1-1/2 2 16 725204 4-Bolt Bearing 1-1/2" Bore 2 17 729201 Grease Fitting, 1/8NPT 1 18 729202 Grease Fitting, 1/8NPT 1 19 731502 Spring, 1-3/4 x 9 Heavy 4 20 751331 Elbow 90 MP x MP 0808	6		Hopper, Roller Feed	1
9 1020W004 Roller, Lower Feed 1 10 1020W007 Valve Link 1 11 1020W405 Handle, Feed Regulating 1 12 Z11302 Clevis Pin 3/16 x 3/4 1 13 Z11313 Clevis Pin 1/4 x 1-1/8 3 14 Z12301 Cotter Pin 3/32 X 3/4 4 15 Z24101 P208 Pillow Block 1-1/2 2 16 Z25204 4-Bolf Bearing 1-1/2" Bore 2 17 Z29201 Grease Fitting, 1/8NPT 1 18 Z29202 Grease Fitting, 1/8NPT 1 19 Z31502 Spring, 1-3/4 x 9 Heavy 4 20 Z51122 Nipple, MP x MP 0808 1 21 Z5161 Textraction Textrac		1020W002	Arm, Upper Roller	1
10	8	1020W003	Roller, Upper Feed	1
11	9	1020W004	Roller, Lower Feed	1
12	10	1020W007	Valve Link	1
13 Z11313 Clevis Pin 1/4 x 1-1/8 3 14 Z12301 Cotter Pin 3/32 X 3/4 4 15 Z24101 P208 Pillow Block 1-1/2 2 16 Z25204 4-Bolt Bearing 1-1/2" Bore 2 17 Z29201 Grease Fitting, 1/8NPT 1 18 Z29202 Grease Zerk 1/4NF 2 19 Z31502 Spring, 1-3/4 x 9 Heavy 4 20 Z51122 Nipple, MP x MP 0808 1 21 Z51161 Tee, FP x FP x MP 080808 1 22 Z51331 Elbow 90 MP x FPX 0808 5 23 Z51384 #10ORB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, 1/2MP x 1/2MP x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 130" 2 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 <td>11</td> <td>1020W405</td> <td>Handle, Feed Regulating</td> <td>1</td>	11	1020W405	Handle, Feed Regulating	1
14 Z12301 Cotter Pin 3/32 X 3/4 4 15 Z24101 P208 Pillow Block 1-1/2 2 16 Z25204 4-Bolf Bearing 1-1/2" Bore 2 17 Z29201 Grease Fitting, 1/8NPT 1 18 Z29202 Grease Zerk 1/4NF 2 19 Z31502 Spring, 1-3/4 x 9 Heavy 4 20 Z51122 Nipple, MP x MP 0808 1 21 Z51161 Tee, FP x FP x MP 080808 1 22 Z51331 Elbow 90 MP x FPX 0808 5 23 Z51384 #10ORB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x M8" 2 25 Z52314 1/2 Hose, MP08 x MP08 x MP08 x 48" 2 25 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 </td <td></td> <td>Z11302</td> <td>Clevis Pin 3/16 x 3/4</td> <td></td>		Z11302	Clevis Pin 3/16 x 3/4	
15 Z24101 P208 Pillow Block 1-1/2 2 16 Z25204 4-Bolf Bearing 1-1/2" Bore 2 17 Z29201 Grease Fiffing, 1/8NPT 1 18 Z29202 Grease Zerk 1/4NF 2 19 Z31502 Spring, 1-3/4 x 9 Heavy 4 20 Z51122 Nipple, MP x MP 0808 1 21 Z51161 Tee, FP x FP x MP 080808 1 22 Z51331 Elbow 90 MP x FPX 0808 5 23 Z51384 #10ORB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, 1/2MP x 1/2MP x 20" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122	13	Z11313	Clevis Pin 1/4 x 1-1/8	3
16 Z25204 4-Bolt Bearing 1-1/2" Bore 2 17 Z29201 Grease Fitting, 1/8NPT 1 18 Z29202 Grease Zerk 1/4NF 2 19 Z31502 Spring, 1-3/4 x 9 Heavy 4 20 Z51122 Nipple, MP x MP 0808 1 21 Z51161 Tee, FP x FP x MP 080808 1 22 Z51331 Elbow 90 MP x FPX 0808 5 23 Z51384 #10ORB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, MP08 x MP08 x MP08 x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 2-1/4 2 33 Z		Z12301	Cotter Pin 3/32 X 3/4	
16 Z25204 4-Bolt Bearing 1-1/2" Bore 2 17 Z29201 Grease Fitting, 1/8NPT 1 18 Z29202 Grease Zerk 1/4NF 2 19 Z31502 Spring, 1-3/4 x 9 Heavy 4 20 Z51122 Nipple, MP x MP 0808 1 21 Z51161 Tee, FP x FP x MP 080808 1 21 Z511331 Elbow 90 MP x FPX 0808 5 23 Z51384 #10ORB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, MP08 x MP08 x MP08 x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 2-1/4 2 33	15	Z24101	P208 Pillow Block 1-1/2	2
18 Z29202 Grease Zerk 1/4NF 2 19 Z31502 Spring, 1-3/4 x 9 Heavy 4 20 Z51122 Nipple, MP x MP 0808 1 21 Z51161 Tee, FP x FP x MP 080808 1 22 Z51331 Elbow 90 MP x FPX 0808 5 23 Z51384 #100RB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, MP08 x MP08 x MP08 x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 5/16NC x 1-3/4 4 36 Z7161	16	Z25204	4-Bolt Bearing 1-1/2" Bore	
18 Z29202 Grease Zerk 1/4NF 2 19 Z31502 Spring, 1-3/4 x 9 Heavy 4 20 Z51122 Nipple, MP x MP 0808 1 21 Z51161 Tee, FP x FP x MP 080808 1 22 Z51331 Elbow 90 MP x FPX 0808 5 23 Z51384 #100RB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, MP08 x MP08 x MP08 x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 5/16NC x 1-3/4 4 36 Z7161	17	Z29201	Grease Fitting, 1/8NPT	
20 Z51122 Nipple, MP x MP 0808 1	18	Z29202	Grease Zerk 1/4NF	2
21 Z51161 Tee, FP x FP x MP 080808 1 22 Z51331 Elbow 90 MP x FPX 0808 5 23 Z51384 #10ORB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, MP08 x MP08 x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221		Z31502	Spring, 1-3/4 x 9 Heavy	4
22 Z51331 Elbow 90 MP x FPX 0808 5 23 Z51384 #10ORB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, MP08 x MP08 x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 40 Z72251 <td< td=""><td>20</td><td>Z51122</td><td>Nipple, MP x MP 0808</td><td>1</td></td<>	20	Z51122	Nipple, MP x MP 0808	1
22 Z51331 Elbow 90 MP x FPX 0808 5 23 Z51384 #10ORB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, MP08 x MP08 x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 40 Z72251 <td< td=""><td>21</td><td>Z51161</td><td>Tee, FP x FP x MP 080808</td><td>1</td></td<>	21	Z51161	Tee, FP x FP x MP 080808	1
23 Z51384 #10ORB x 1/2FNPT 90 Elbow 4 24 Z52310 1/2 Hose MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, MP08 x MP08 x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 35 Z71525 Hex Bolt 5/8NC x 1-3/4 4 36 Z7111 Hex Lock Nut 1/4NC 2 38 Z7221 Hex Lock Nut 5/16NC 3 40 Z72231 Hex Lock Nut 5/8NC 4 40 Z72251 Hex L	22		Elbow 90 MP x FPX 0808	5
24 Z52310 1/2 Hose MP08 x MP08 x 48" 2 25 Z52314 1/2 Hose, MP08 x MP08 x 10" 1 26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z7111 Hex Lock Nut 1/4NC 2 38 Z7221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 1/2NC 8 41 Z72251 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3	23		#10ORB x 1/2FNPT 90 Elbow	4
26 Z52317 1/2 Hose, 1/2MP x 1/2MP x 20" 1 27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z7221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 1/2NC 8 41 Z72251 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 5/16NC	24	Z52310		2
27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72211 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 5/8NC 4 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 5/16NC 4<	25	Z52314	1/2 Hose, MP08 x MP08 x 10"	1
27 Z52318 1/2 Hose, 1/2MP x 1/2MP x 130" 2 28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 5/8NC 4 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 5/16NC 4<	26	Z52317	1/2 Hose,1/2MP x 1/2MP x 20"	1
28 Z54104 300 Series Hydraulic Motor 2 29 Z56203 Control Valve, Single Spool 1 30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 5/8NC 4 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4	27		1/2 Hose, 1/2MP x 1/2MP x 130"	2
30 Z56303 Hydraulic Flow Control 1 31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 2-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 <tr< td=""><td>28</td><td></td><td></td><td>2</td></tr<>	28			2
31 Z71107 Hex Bolt 1/4NC x 3/4 4 32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 1-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3 <td></td> <td>Z56203</td> <td>Control Valve, Single Spool</td> <td>1</td>		Z56203	Control Valve, Single Spool	1
32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 1-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3	30	Z56303	Hydraulic Flow Control	1
32 Z71122 Hex Bolt 1/4NC x 2-1/4 2 33 Z71217 Hex Bolt 5/16NC x 1-3/4 3 34 Z71515 Hex Bolt 1/2NC x 1-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3	31		Hex Bolt 1/4NC x 3/4	4
34 Z71515 Hex Bolt 1/2NC x 1-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3		Z71122		
34 Z71515 Hex Bolt 1/2NC x 1-1/2 4 35 Z71525 Hex Bolt 1/2NC x 2-1/2 4 36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3	33	Z71217		3
36 Z71617 Hex Bolt 5/8NC x 1-3/4 4 36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3	34	Z71515		
36 Z72111 Hex Lock Nut 1/4NC 2 38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3		Z71525	Hex Bolt 1/2NC x 2-1/2	
38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3	36		Hex Bolt 5/8NC x 1-3/4	4
38 Z72221 Hex Lock Nut 5/16NC 3 39 Z72231 Hex Lock Nut 3/8NC 4 40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3		Z72111	Hex Lock Nut 1/4NC	2
40 Z72251 Hex Lock Nut 1/2NC 8 41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3		Z72221	Hex Lock Nut 5/16NC	3
41 Z72261 Hex Lock Nut 5/8NC 4 42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3	39	Z72231		4
42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3		Z72251	Hex Lock Nut 1/2NC	8
42 Z72911 Acorn Nut, 3/8NC 2 43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3	41	Z72261	Hex Lock Nut 5/8NC	4
43 Z74110 Set Screw 1/4NC 2 44 Z74121 Set Screw 5/16NC 4 45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3			Acorn Nut, 3/8NC	2
45 Z76121 Flange Bolt 5/16NC x 3/4 4 46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3			Set Screw 1/4NC	2
46 Z76531 Eye Bolt 3/8NC x 3-1/2 4 47 Z76712 Self-tapping Screw #10 3				
47 Z76712 Self-tapping Screw #10 3				
			Eye Bolt 3/8NC x 3-1/2	
48 796503 Manual Tube 3-1/2 Short 1			Self-tapping Screw #10	
-0 270000 Mariodi 1000 0 1/2 311011	48	Z96503	Manual Tube 3-1/2 Short	1

Page 8 May 2011





Z56203 Valve Breakdown



PLEASE NOTE: BEFORE REMOVING VALVE SPOOL OR SPOOL SLEEVE REMOVE DETENT ADJUSTING CART., DETENT PISTON AND STEEL BALL. INSTALL SPOOL AND SPOOL SLEEVE BEFORE REINSTALLING STEEL BALL.
PRESSURE RELEASE DETENT This feature provides a pressure release detent for the spool 'out' (hondle in) position. When the spool is manually placed in the detent position oil is directed to the 'B' work port (the port away from the handle). When the pressure in the 'B' port reaches a preset level the

detent will release and the spool will center. The factory setting is detent will release and the spool will center. The factory setting is 1400 psi. The detent release pressure is adjustable by loosening the jam nut and turning the adjusting screw. Turning the adjusting screw clockwise will increase the detent release pressure and counterclockwise will decrease the detent release pressure. NOTE: if the detent release pressure is set too high the spool will not center, if the pressure is too low the detent will not hold. If cap screw item 6 becomes loose detent will not function properly.

RELIEF VALVE

RELIEF VALVE

An adjustable ball spring relief valve is standard on all LS-3000 valves. The standard factory setting is 2250 psi @ 3 gpm and 120°F.

Other settings can be specified.

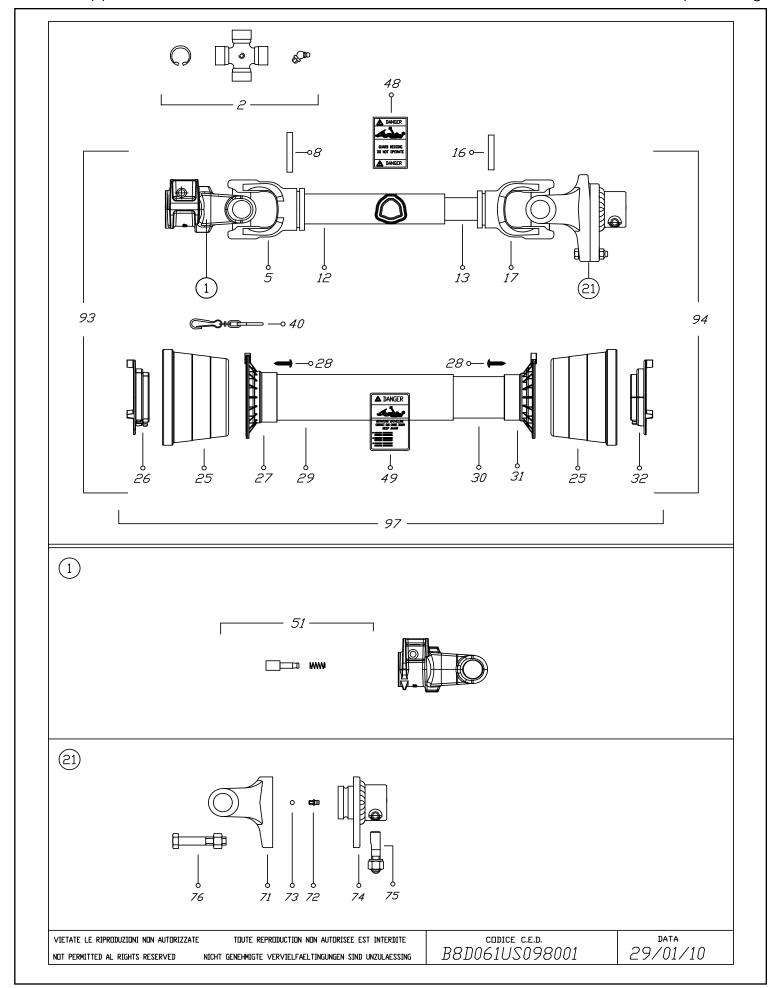
The relief pressure is adjusted by removing acrom nut, and turning the adjusting screw. Turning the adjusting screw clockwise will increase the pressure and counterclockwise will decrease the pressure (a pressure is a proper to the relief pressure is gauge must be installed in the inlet line whenever the relief pressure is adjusted). Do not backout adjusting screw to the point it falls out.



WARNING: OVERPRESSURE MAY CAUSE SUDDEN AND UNEXPECTED FAILURE OF A COMPONENT IN THE HYDRAULIC SYSTEM RESULTING IN SERIOUS PERSONAL INJURY. ALWAYS USE A GAUGE WHEN ADJUSTING A RELIEF VALVE.

LS-3000 KITS AND CARTRIDGES

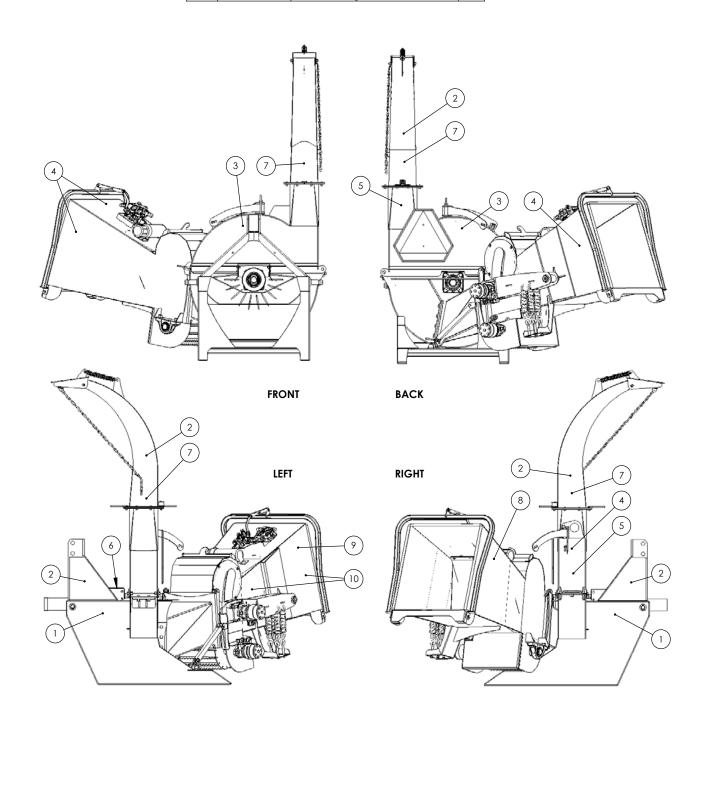
ITEM	QTY	PART NO.	DESCRIPTION
1	1	670700019	DETENT SLEEVE
2 3 4 5 6 7	1	670500033	WASHER
3	1	670300020	SPRING
4	1	671400010	STOP CUP
5	1	670500026	WASHER
6	- 1	220000953	CAP SCREW
	1	670500032	SPACER
8	1	230001125	SNAP RING
9	1	230009009	I CTEEL DALL
10	1	240019013	BACK-UP WASHER
11	1	240000013	O-RING O-RING
12	1	240000014	O-RING
13	1	240019014	
14	1	671100011	PISTON
15	1	240019007	PISTON BACK-UP WASHER O-RING
16	1	240016067	O-RING
17	1	240016068	O-RING
18	1	240019008	BACK-UP WASHER
19	1	660330002	DETENT ADJUSTING CART.
20	1	660125004	RELIEF KIT
21	1	240016086	U-CUP
22 23	1	240000210	O-RING
23	1	671100012	PISTON SLEEVE
		660530001	LS-3000 SEAL KIT
		660125004	RELIEF KIT
	. 8	660330002	DETENT ADJUSTING CART.
		660130007	PRESSURE RELEASE DETENT KIT
		660130001	COMPLETE HANDLE KIT
7. 1.	8		
-	-		



	SPARE PARTS LIST : B8D061US098001			
POS.	DESCRIPTION	Q.	RIF. BINACCHI	
01	YOKE	1	0800803A60	
02	CROSS JOURNAL ASS.	2	08208	
05	OUTER TUBE YOKE	1	08080021	
08	FLEXIBLE PIN	1	098701075	
12	CM. 100 CARDAN TUBE(*)	1	09881544100	
13	CM. 100 CARDAN TUBE(*)	1	09881455100	
16	FLEXIBLE PIN	1	098701065	
17	INNER TUBE YOKE	1	08080011	
21	SHEAR BOLT	1	08808P70	
25	CONE SHIELD BELL 07-08	2	021908C001	
26	OUTER BEARING	1	025508C001	
27	OUTER BASE CONE 07-08	1	025408C001	
28	SCREW	8	0998052242	
29	OUTER SAFETY TUBE	1	0988981NB8066	
30	INNER SAFETY TUBE	1	0988975NB8066	
31	INNER BASE CONE 07-08	1	025408C002	
32	INNER BEARING	1	025508C002	
40	CHAIN	1	0252000001	
48	LABEL DANGER OUTER DRIVE TUBE	1	09872006	
49	EXTERNAL SHIELD LABEL	1	09872003	
51	COMPLETE PUSH BUTTTON	1	0986014060	
71	YOKE FOR LB8	1	088608553	
72	GREASE NIPPLE	1	0984010150	
73	STEEL BALL	24	098680516	
74	HUB	1	08868P70	
75	CONIC SCREW	1	0408000061	
76	NUT AND BOLT M12 x 65	1	Z19408	
93	OUTER HALF SHAFT	1	B8061US2	
94	INNER HALF SHAFT	1	B8061US1098001	
97	SAFETY GUARD	1	083US08061	

BX92R DECAL BREAKDOWN

ITEM	PART NO.	DESCRIPTION	QTY
1	Z94056	WALLENSTEIN Decal	2
2	Z94019	1" Dia. Made In Canada	5
3	Z94072	BX92R	2
4	Z94007	DANGER - Rotating Blades	3
5	Z94006	CAUTION - Read Manual	1
6	Z94009	DANGER - Rotating Driveline Hazard	1
7	Z94008	DANGER - Thrown Object Hazard	3
8	Z94015	Reverse, Neutral, Feed - RH	1
9	Z94014	Reverse, Neutral, Feed - LH	1
10	Z94005	High Pressure	2



Page 14 May 2011

Decals BX92R

Z94056





Z94007



Z94019



794006

A CAUTION

- Read and understand operator's manual before starting. Review safety instructions annually.
- Turn machine off, stop and disable engine, remove ignition key and place in your pocket, set park brake and wait for all moving parts to stop before adjusting, servicing, maintaining, repairing or unplugging.

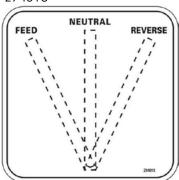


- Keep the working area clean and free of debris to prevent slipping or tripping. Operate only on level ground.
- Close and secure rotor cover before operating.
- Close and secure all guards, deflectors and shields before starting
- Keep hydraulic lines and fittings tight, in good condition and free
- Keep hands, feet, hair and clothing away from moving parts. Never wear loose clothing around machinery
- Keep driveline universal joint angles equal and small as possible.
- Do not point discharge at people, animals or buildings. Rotor can expel wood chips fast enough to cause injury.
- Do not allow children, animals or unauthorized people into working area.
- Do not run machine inside a closed building to prevent asphyxiation from engine exhaust.
- Use care when feeding material into chipper. Do not send metal, bottles, cans, rocks, glass or other foreign material into wood chipper. If foreign material enters chipper, stop the machine, turn engine off and place ignition key in your pocket and wait for all moving parts to stop before removing material and/or unplugging. Inspect machine for damaged or loose parts before returning
- Always wear P.R.E. (Personal Protective Equipment) such as safety goggles and heavy gloves whenever operating machine.
- Do not place hands or any body parts into feed hopper during operation.
- Do not move or transport chipper when the rotor is turning.
- Do not exceed a safe travel speed when transporting. Cross safety chain under hitch on trailer model when attaching to a truck.

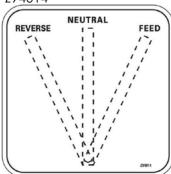
Z94009



Z94015



Z94014



Z94008



Z94005



To prevent serious injury or death from high-pressure fluid:

- Relieve pressure on system before repairing or adjusting.
- Wear proper hand and eye protection when searching for leaks. Use wood or cardboard instead of hands.
- Keep all components in good repair.



WALLENSTEIN Products Manufactured by:

EMB MFG Inc.

4144 Boomer Line St. Clements, Ontario Canada NOB 2M0 Phone: 1-877-695-9283

Fax: 519-699-4146 www.embmfg.com