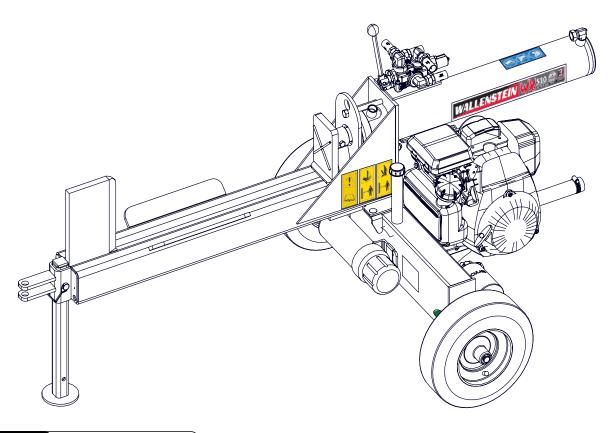


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WX510 Trailer Log Splitter Parts Manual

Starting with S/N's

230065 AND ON





Refer to the operators manual for safe operation and maintenance

2051 WX510 REVG Parts Manual.200616 Rev # 311016

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.

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Maintenance should be performed by trained personnel only.



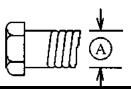
Refer to the operators manual for safe operation and maintenance

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	Bolt Torque*					
Diamter "A"	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





SAE-2



SAE-5

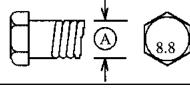


SAE-8

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.

METRIC TORQUE SPECIFICATIONS					
Bolt	Bolt Torque*				
Diameter	8	.8	10.9		
"A"	(N.m)	(lb-ft)	(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	





Hydraulic Fitting Torque

Tightening Flare Type Tube Fittings *

- 1. Check flare and flare seat for defects that might cause leakage.
- 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•		Recommon Turns To (After Tighter	Tighten Finger
(in.)	(in.)	(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.

Wheel Lug Torque

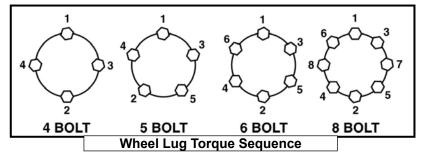
It is extremely important safety procedure to apply and maintain proper wheel mounting torque on your trailer axle. Torque wrenches are the best method to assure the proper amount of torque is being applied to a fastener.

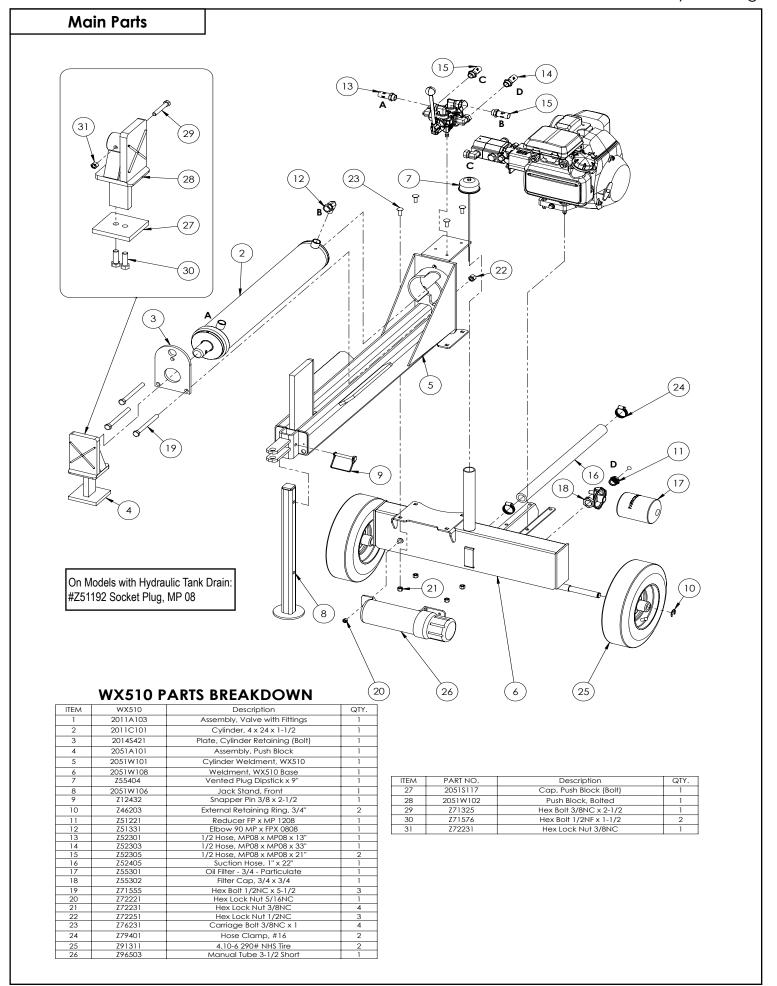
Wheel lugs should be torqued before first road use and after each wheel removal. Check and re torque after the first 16Km (10 miles), 40Km (25 miles), and again at 80Km (50 miles). Check periodically thereafter.

Note: Wheel lugs must be applied and maintained at the proper torque levels to prevent loose wheels, broken studs, and possible dangerous separation of wheels from your axle.

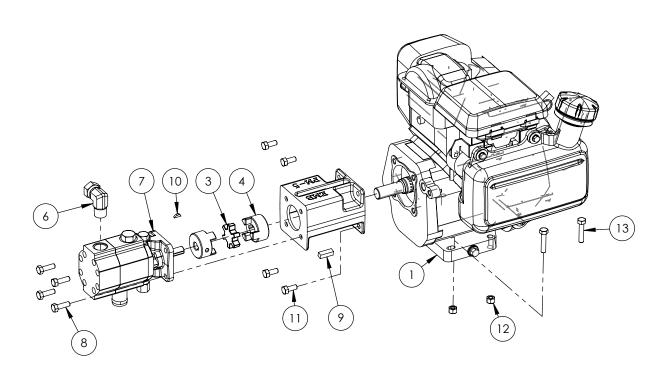
- Start all lugs by hand to prevent cross threading.
- Tighten lugs in sequence, per wheel lug torque sequence chart.
- The tightening of the fasteners should be done in stages. Following the recommended sequence, tighten fasteners per wheel torque requirements chart.

Wheel Torque Requirements					
Wheel Size	Torque Unit	1st Stage	2nd Stage	3rd Stage	
8"	ft-lbs Nm		30 - 35 39 - 45.5	45 - 55 58.5 - 71.5	
12"	ft-lbs Nm		35 - 40 45.5 - 52	50 - 60 65 - 78	
13"	ft-lbs Nm	20 - 25 26 - 32.5	35 - 40 45.5 - 52	50 - 60 65 - 78	
14"	ft-lbs Nm	20 - 25 26 - 32.5	50 - 60 65 - 78	90 - 120 117 - 156	
15"	ft-lbs Nm		50 - 60 65 - 78	90 - 120 117 - 156	
16"	ft-lbs Nm		50 - 60 65 - 78	90 - 120 117 - 156	



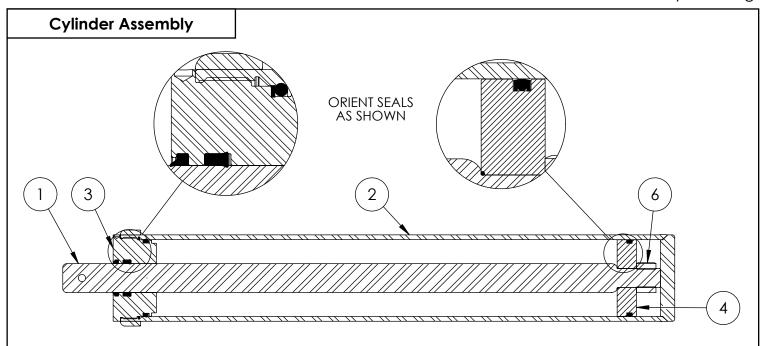


Engine and Hydraulics Assembly



2051A104 PARTS BREAKDOWN

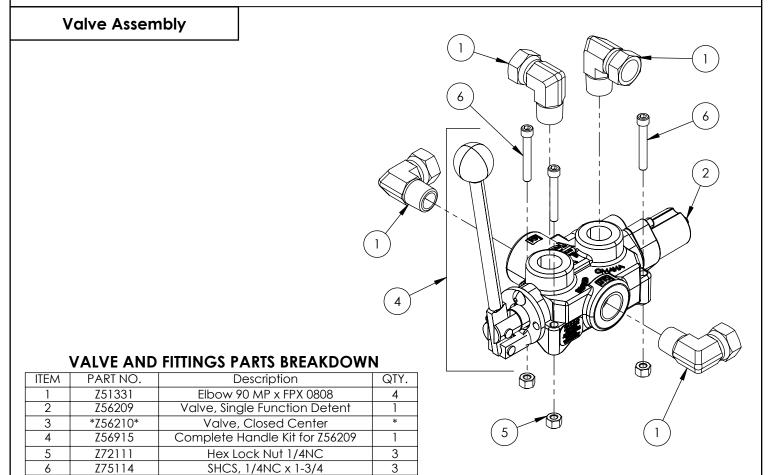
ITEM	PART NO.	DESCRIPTION	QTY
1	Z47306	Honda GC160 Engine	1
2	Z53801	Pump Mounting, PM-5	1
3	Z46408	Coupler Spider L075	1
4	Z46406	Shaft Coupler L075 x 3/4	1
5	Z46410	Shaft Coupler L075 x 1/2	1
6	Z51331	Elbow 90 MP x FPX 0808	1
7	Z53204	Pump, 11gpm Two-Stage	1
8	Z71210	Hex Bolt 5/16NC x 1	4
9	Z46542	Key 5/16 x 5/16 x 1	1
10	Z46592	Woodruff Key, 1/8 x 1/2	1
11	Z71273	Hex Bolt, 5/16NF x 3/4	4
12	Z72221	Hex Lock Nut 5/16NC	4
13	Z71215	Hex Bolt, 5/16NC x 1-1/2	4

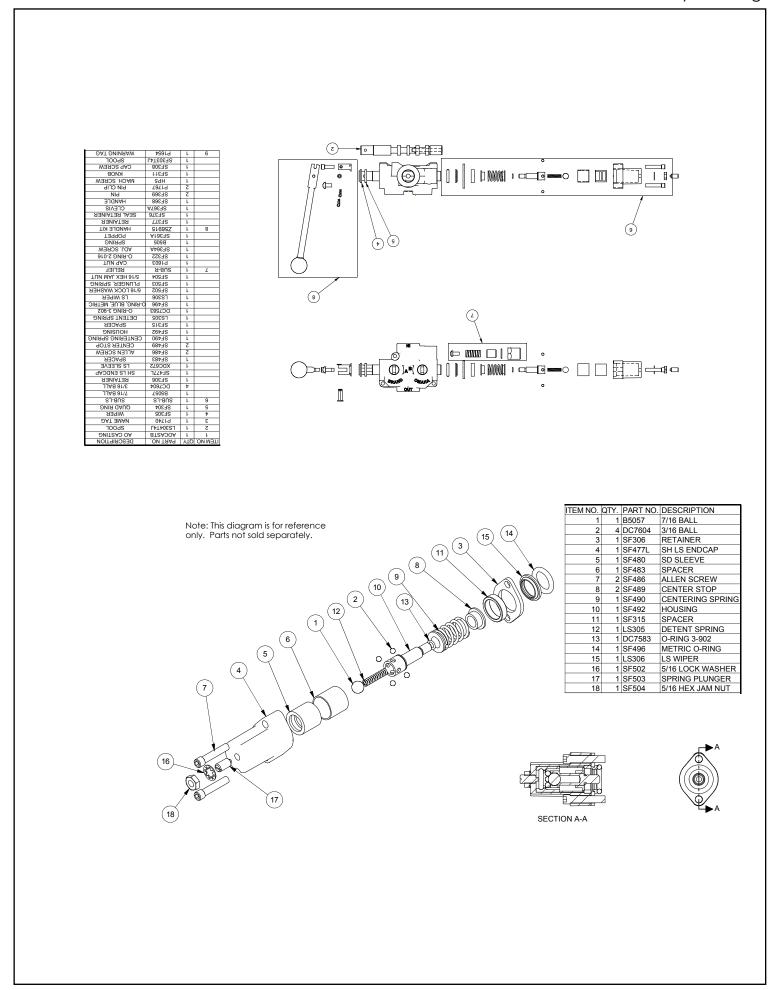


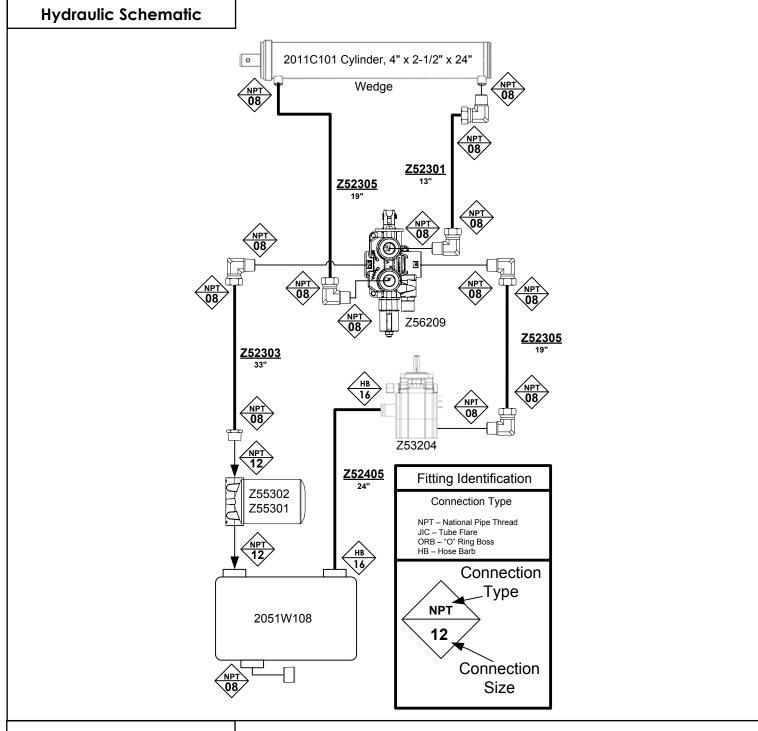
4" x 24" STROKE CYLINDER PARTS

ITEM	PART NO.	Description	QTY.
1	2011C1012	Rod, 1-1/2 x 1	1
2	2011C1014	Barrel, 4"	1
3	G400-150SA	4" Bore x 1-1/2" Rod Gland	1
4	P100-400SA	4" Bore Piston	1
5	SLK-4015	Seal Kit, 4 x 1-1/2	1
6	Z72292G8	Hex Lock Nut 1NF Grade 8	1

CLOSED CENTER VALVE REQUIRED FOR "C" MODELS.

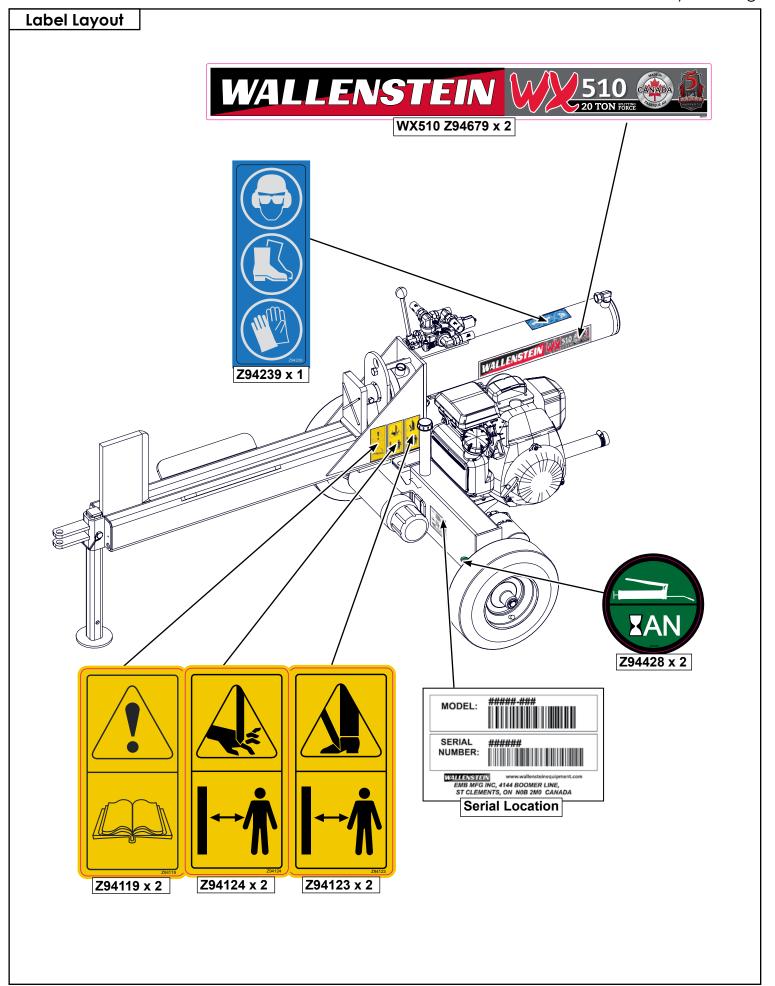






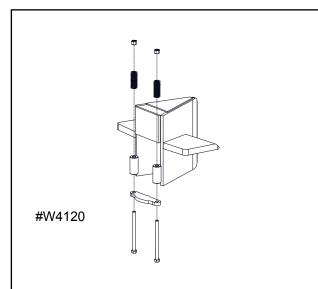
Hydraulic Hose List

Part No.	Description	Qty
Z52405	Suction Hose, 1 x 22	1
Z52301	1/2" Hose, MP08 x MP08 x 13	1
Z52303	1/2" Hose, MP08 x MP08 x 33	1
Z52305	1/2" Hose, MP08 x MP08 x 21	2



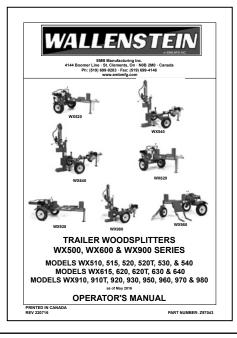
Accessories

Call your dealer for pricing and availability



#W4120 4 Way Wedge

Boost your productivity and make quick work out of logs by splitting four pieces at once. This is an ideal way to save time.



#Z97043 TRAILER WOODSPLITTER OPERATOR'S MANUAL

Available as a download at www.wallensteinequipment.com