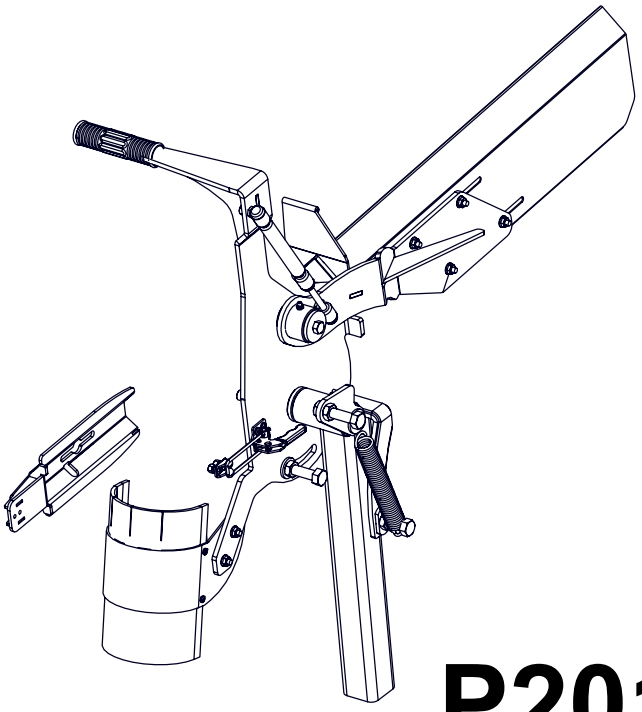
WALLENSTEIN
BY EMB MFG INC.

EMB Manufacturing Inc.
4144 Boomer Line · St. Clements, Ontario · N0B 2M0 · Canada
www.wallensteinequipment.com



Available:
P211 Spare Pivoting Chainsaw Adaptor
See page 6 for details

Recommend chainsaw with bar length 24”
Will work with chainsaws maximum 30” chain bar length. (Adjustment required)

P201

PIVOTING CHAINSAW HOLDER
Accessory Installation Instructions

Kit #P201: will fit all Wallenstein Trailer & 3 Point Hitch Wood Processor Models

P201 Kits manufactured after Jan 20 2017

Do not attempt to start or operate the equipment without thoroughly reviewing this manual for safe and proper operation.

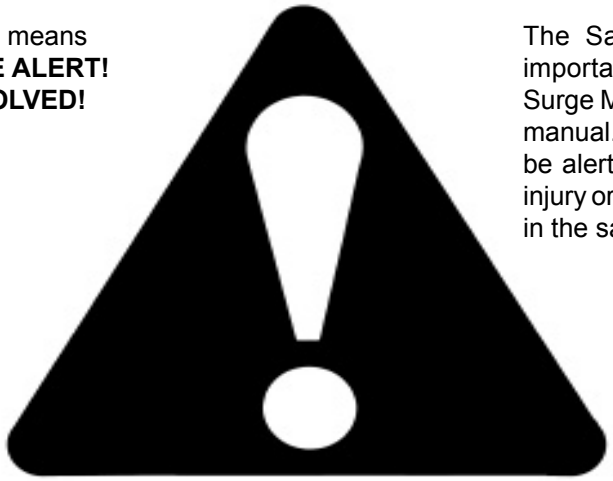
Keep this manual with the machine at all times

PRINTED IN CANADA
Rev 100517

Z97806

SAFETY ALERT SYMBOL

This Safety Alert symbol means
ATTENTION! BECOME ALERT!
YOUR SAFETY IS INVOLVED!



The Safety Alert symbol identifies important safety messages on the Surge Master Wood splitter and in the manual. When you see this symbol, be alert to the possibility of personal injury or death. Follow the instructions in the safety message.

Why is SAFETY important to you?

3 Big Reasons

Accidents Disable and Kill
Accidents Cost
Accidents Can Be Avoided

SIGNAL WORDS:

Note: The use of the signal words **DANGER, WARNING, CAUTION** and **NOTICE** with the safety messages. The appropriate signal word for each message has been selected using the following guide-lines:

DANGER - Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations typically for machine components which, for functional purposes, cannot be guarded.

WARNING - Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

CAUTION - Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTICE - Indicates a situation that could result in damage to the machine or other property.

If you have any questions not answered in this manual or require additional copies or the manual is damaged, please contact your dealer or Surge Master, 4144 Boomer Line, St. Clements, ON, N0B 2M0. Phone (519) 699-9283 or Fax (519) 699-4146.

Accessory Installation Instructions
PIVOTING CHAINSAW HOLDER

Always wear the appropriate safety gear when installing this kit or working around the machine. This includes but is not limited to:

- Hard hat for protection to the head.
- Safety glasses protection for the eyes.
- Heavy gloves for hand protection.
- Safety shoes with slip resistant soles and steel toes.

Caution: this kit is constructed of heavy gauge steel, be sure to use caution moving and installing the kit, avoid dropping or pinching body parts on corners and edges of the kit.

The **#P201** kit comes partially assembled. Illustrations show typical assembly. This assembly procedure is one time only. Once assembled regular maintenance and only minor adjustments are required. Tighten all hardware using the "Bolt Torque" chart at the back of this manual.

This kit will work on older version wood processors, and will require a mounting bracket to be welded in place. Newer wood processors will have this bracket pre-installed and will not require any welding. The bracket is not included with this kit. Call Wallenstein and order # 2089L595 Chainsaw Pivot base Mount

The maximum diameter of log that your wood processor will handle is 22". To ensure a full cut on a single pass with a maximum sized log we recommend that the chainsaw has an effective cutting area of 24", to a **maximum bar length of 30"**.

A smaller chainsaw can be used, but may limit the size of wood that can be cut. **Adjustment to the pivot base is required to accommodate a chainsaw that is larger than 27".**

Notice: in certain circumstances a hazardous condition exists if installing a chainsaw with a bar length longer than 30". The cutting chain will come in contact with the push block or cylinder rod, causing damage to the machine or personal injury from flying parts.

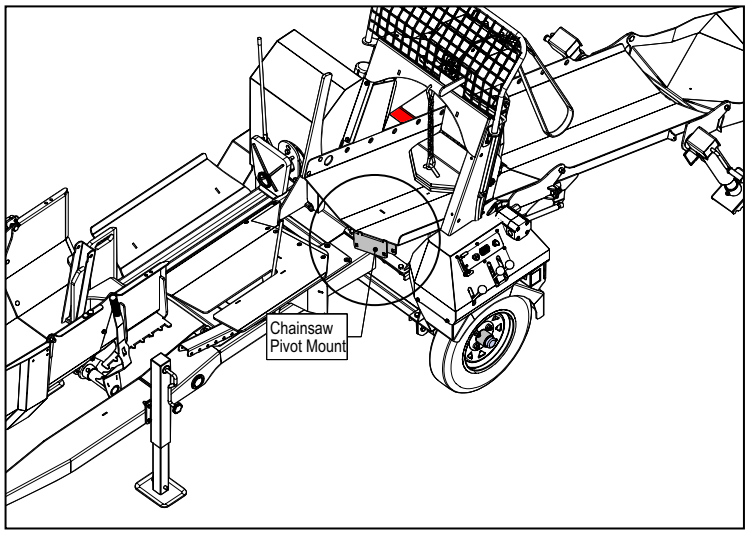
The chainsaw must have dual bar mounting studs to mount the chainsaw adaptor plate. The chain sprocket cover on some chainsaw's feature captive guide bar nuts. These nuts will have to be removed in order to install the universal adaptor.

If your wood processor has the bracket shown in the diagram, then proceed to the "Assembly" section of this manual.

If your processor does not have the bracket start at the "Weld" section.

Note: Wood Processors after these serial numbers have chainsaw pivot brackets installed:

WP230	#680005
WP260	#670005
WP630	#640008
WP830	# 2E9US11110S062231
WP860	#2E9US1118DS660024
WP235	All
WP265	All
WP635	All
WP835	All
WP865	All



Caution: Review your chainsaw manual for safe operating and handling procedures before beginning work.

Available:
P211 Spare Pivoting Chainsaw Adaptor
See page 6 for details

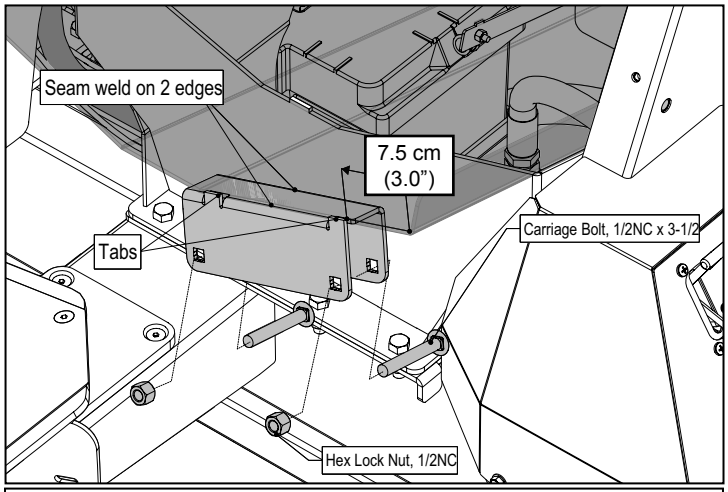
Installation Instructions:

Ensure the wood processor and the area around it is clean and free of debris, resting on dry level ground, wheel chock applied and the engine shut off. Have the P201 kit close by on a work surface.

Unpack the pivot kit, using the parts list in the back of this manual, check that all parts are included. All hardware and small parts are packaged in a plastic hardware bag.

WELD

1. If your wood processor does not have the bracket shown in the diagram then you will have to weld on a mounting bracket The bracket is not included with this kit. Call Wallenstein and order # 2089L595
2. The bracket will be mounted to the log chute. On the top of the chute measure 7.5cm (3") from the inside edge and mark the spot. (see illustration)
3. Place the bracket on the edge of the log chute so that the tabs butt up against the edge, set the bracket at the 7.5cm (3") mark and clamp in place.
4. Weld the bracket, let it cool and paint the welded area to prevent rusting.
5. Loosely install the 2 x carriage bolts and nuts.

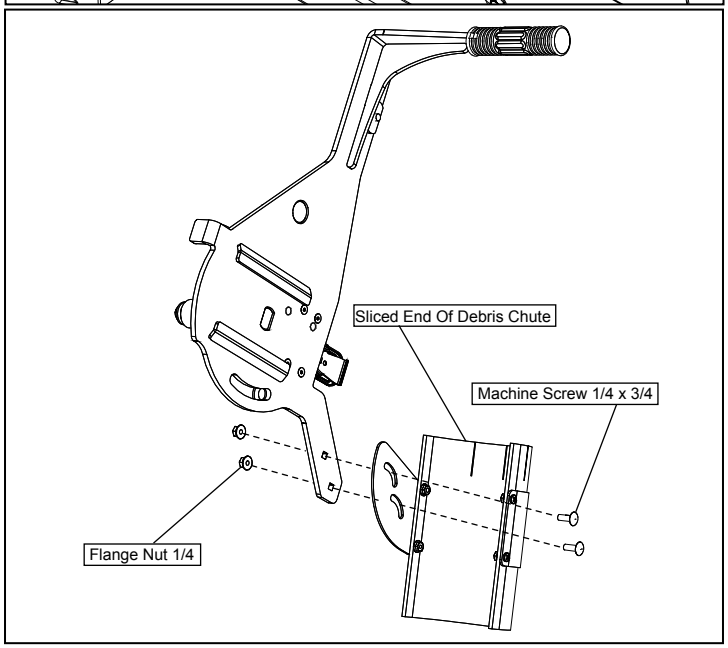


ASSEMBLY

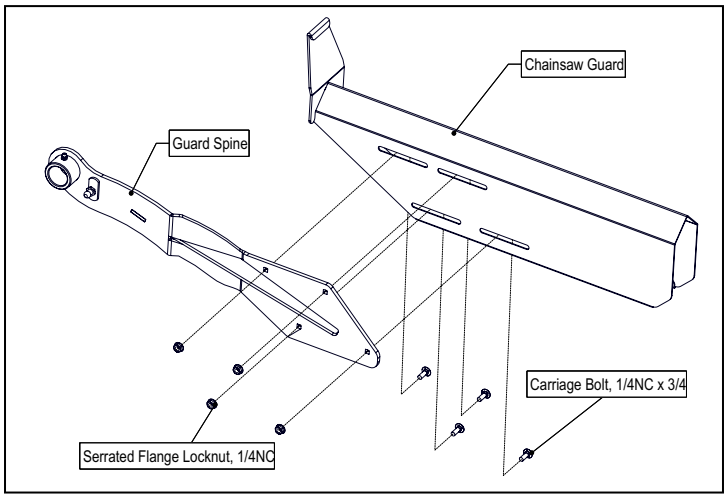
Basic tools needed:

- 5/16" wrench and socket
- 7/16" wrench and socket
- 1/2" wrench and socket
- 9/16" wrench and socket
- 3/4" wrench and socket
- Phillips screw driver.
- Socket head wrenches
- Grease

1. Install debris guard on main assembly with two ¼ x ¾ carriage bolts and ¼ hex flange nuts.



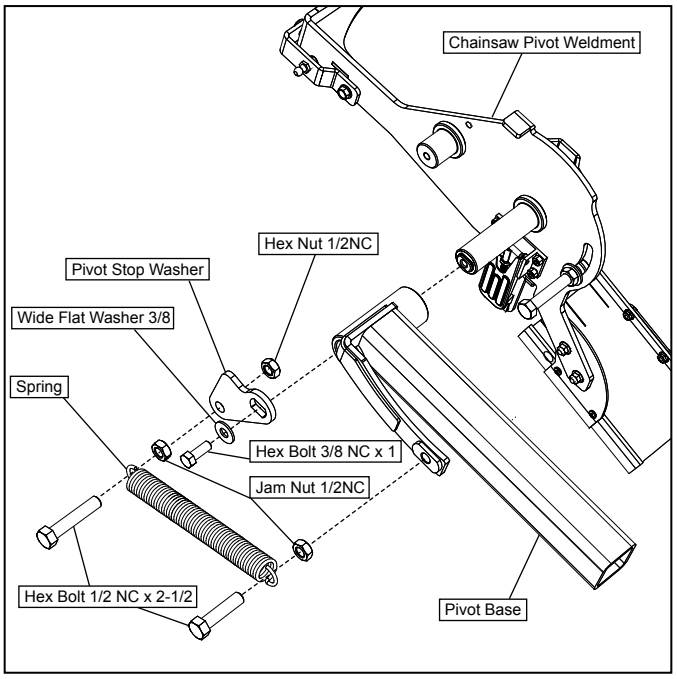
2. Attach guard spine to chainsaw guard with four ¼ x ¾ carriage bolts and ¼ flange locknuts.

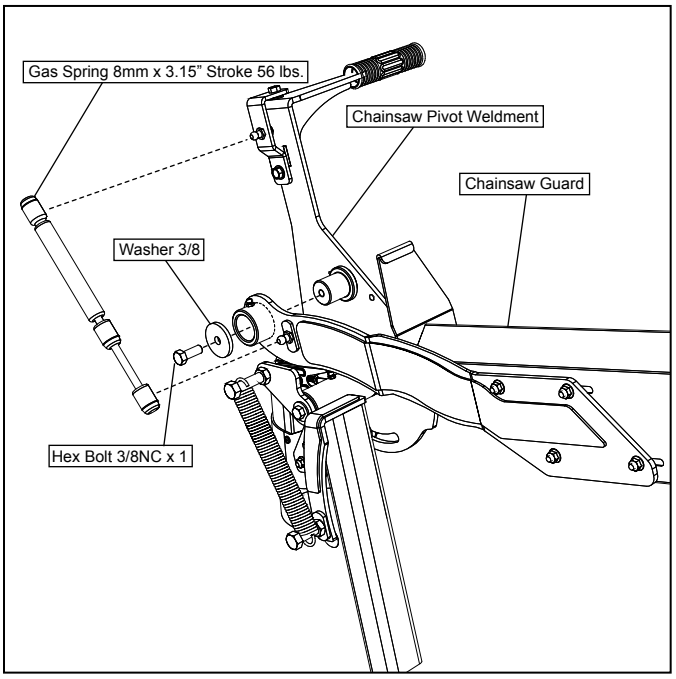


3. Place pivot base all the way into the pivot clamp on wood processor. Install two carriage bolts and nuts and loosely tighten nuts.
4. Lightly grease pivot pin on weldment assembly and slide pivot pin into pivot base.
5. Install pivot stop washer, hex bolt and washer as shown.
6. Insert ½ x 2½ inch hex bolt through one end of spring, install ½ inch jam nut on bolt, pivot stop washer and ½ inch hex nut as shown.
7. Insert ½ x 2 inch hex bolt through other end of spring, install ½ inch jam nut on bolt and install on pivot base.
8. Tighten bolts and nuts.

> **Notice**: in certain circumstances a hazardous condition exists if installing a chainsaw with a bar length longer than 30". The cutting chain will come in contact with the push block or cylinder rod, causing damage to the machine and personal injury from flying parts.

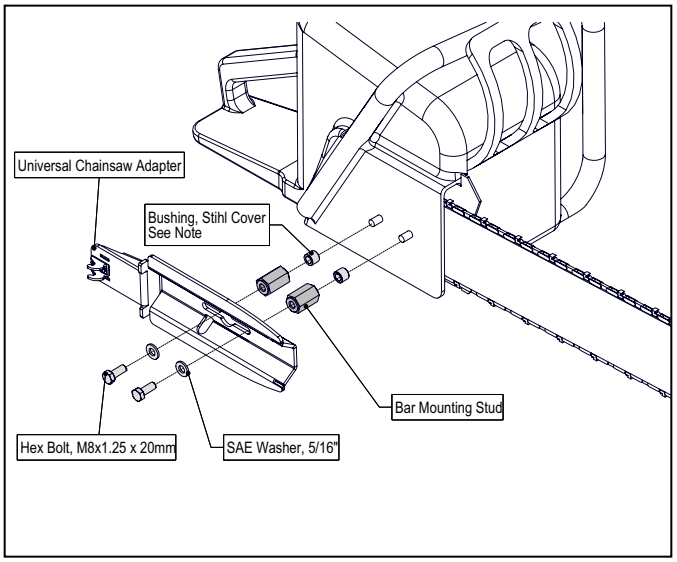
9. Lightly grease guard pivot pin and install guard on pin.
10. Install ⅜ x 1 inch hex bolt and ⅜ inch washer.
11. Snap gas spring onto the ball studs of guard and main assembly.



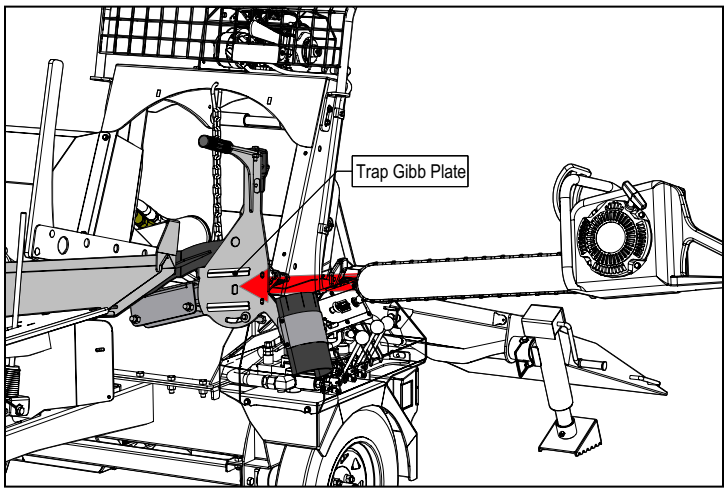


12. Remove guidebar nuts from chainsaw.
13. Install two bar mounting studs on guidebar studs. Tighten mounting studs.
14. Attach assembly to mounting studs with two M8 x 20 mm hex bolts and 5/16 flat washers. Tighten bolts.

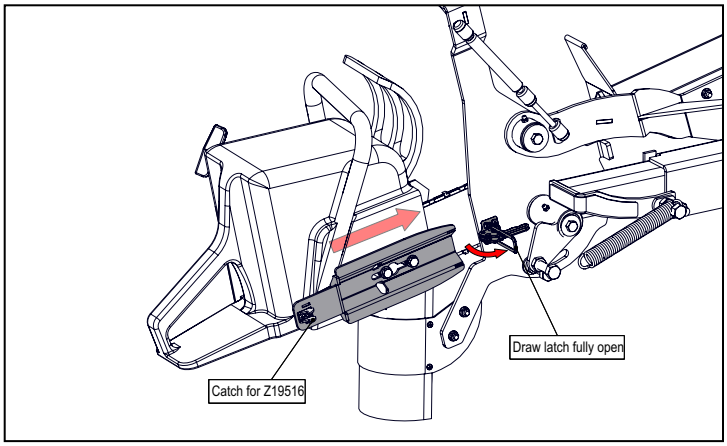
> **Note:** Bushing Spacer: The chain sprocket cover on some chainsaws feature captive guidebar nuts. These nuts will have to be removed in order to install the universal adaptor. The bushing spacers, included with this kit, take the place of the captive nuts in the chain sprocket cover and ensures the bar mounting studs fit properly.



15. Slide chainsaw on gibb plates on main pivot assembly.

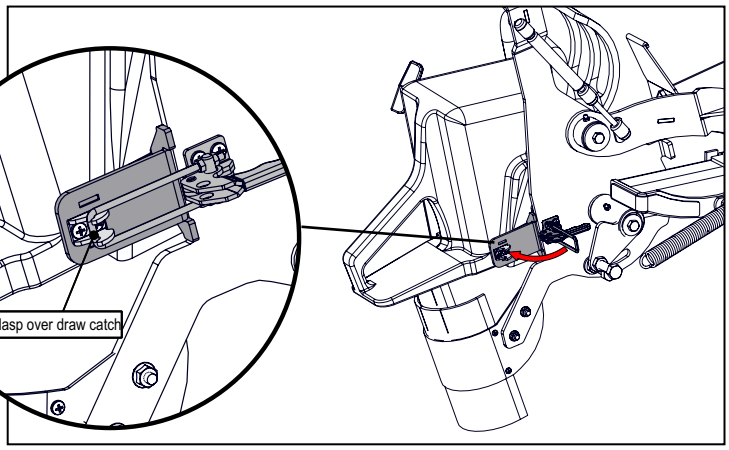


16. Verify draw latch is fully open so chainsaw can slide in without interference.



17. With the chainsaw in position, move the clasp over the draw latch.

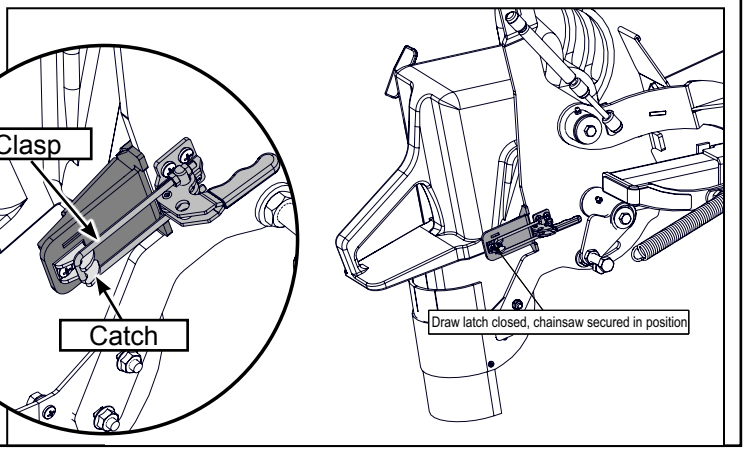
Note: some adjustment to latch may be required for a secure fit. To prevent damage to the clasp, ensure the locknut is tightened and the clasp is aligned with the catch.



18. Close draw latch. This will draw clasp in to tighten chainsaw to pivot assembly. Latch is now secure.

19. With everything in place, inspect the position of the chainsaw bar throughout its range of movement, ensure the bar does not come in contact with any part of the wood processor.

20. If your chainsaw is 27” or less, tighten up the pivot bracket, and the P201 is ready to use.(see next step for chainsaws longer than 27”)

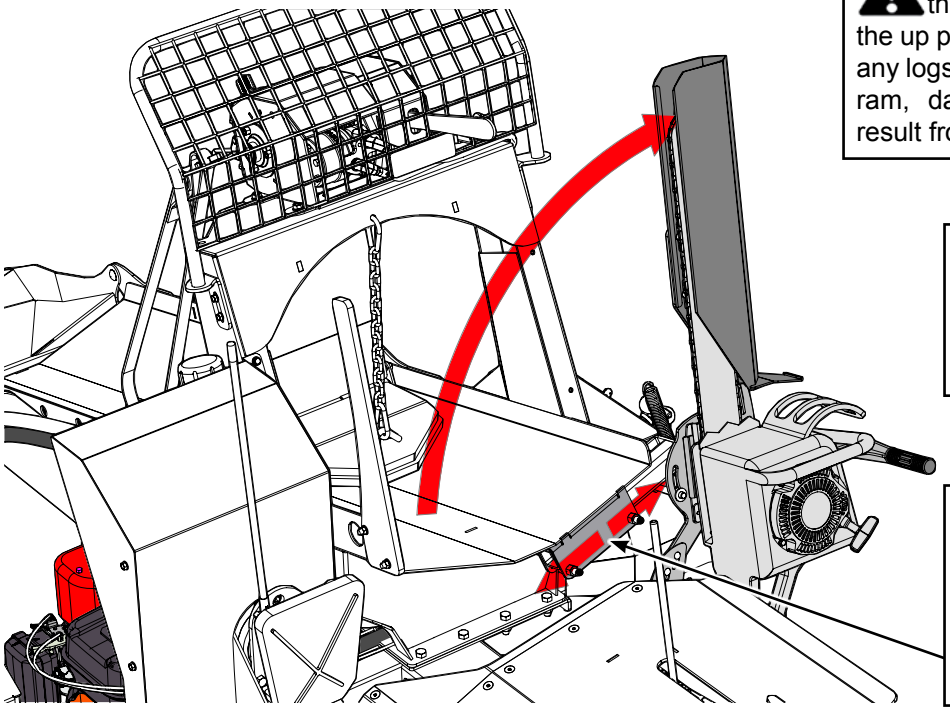


21. **If your chainsaw is longer than 27”**, then adjustment to the pivot base is required. Move the pivot base out of the pivot clamp until the cutting chain clears the push block and cylinder rod. Tighten up the pivot bracket, and the P201 is ready to use. **Both bolts must grip the pivot base!**

Notice: in certain circumstances a hazardous condition exists if installing a chainsaw with a bar length longer than 30”. The cutting chain will come in contact with the push block or cylinder rod, causing damage to the machine and personal injury from flying parts.

Notice: After making adjustments to the chainsaw pivot, always check that there is sufficient clearance throughout the chainsaw’s range of movement to prevent accidental contact between the chainsaw and the processor.

Notice: Always ensure the chainsaw pivot is in the up position before pulling up any logs or operating the splitter ram, damage or injury could result from parts colliding.



Caution: Always apply the chainsaw brake while working around the chainsaw while it is idling.

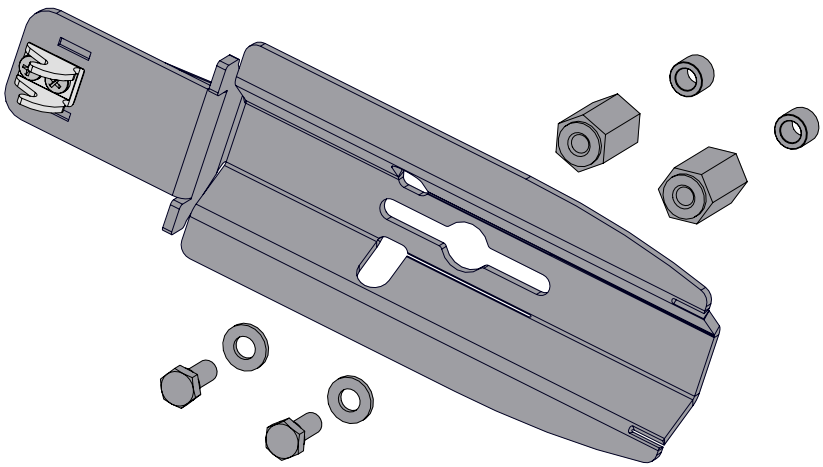
Pivot base adjustment, leave fully inserted for chainsaw bar length up to 27”, adjustment required for bar length longer than 27” (to a maximum of 30”) loosen bolts to adjust. **Both bolts must grip the pivot base!**

P211 SPARE PIVOTING CHAINSAW ADAPTOR

Make your wood processing operation more efficient with a Spare Pivoting Chainsaw Adaptor.

Quickly and easily change out chainsaws on your Wallenstein Wood Processor by adding this adaptor to your second chainsaw.

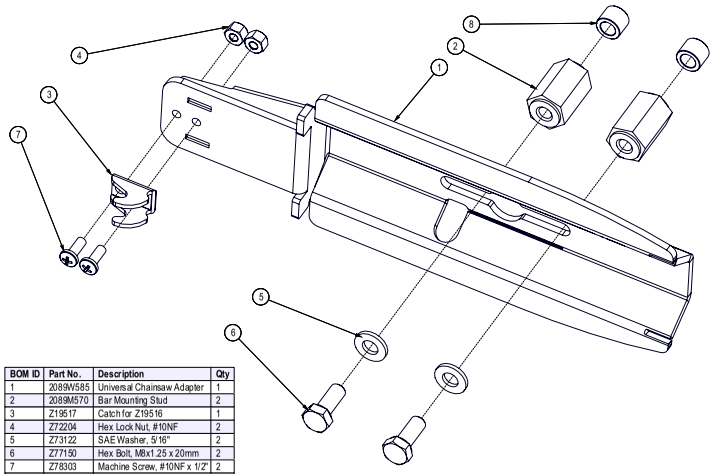
Call your dealer to order!



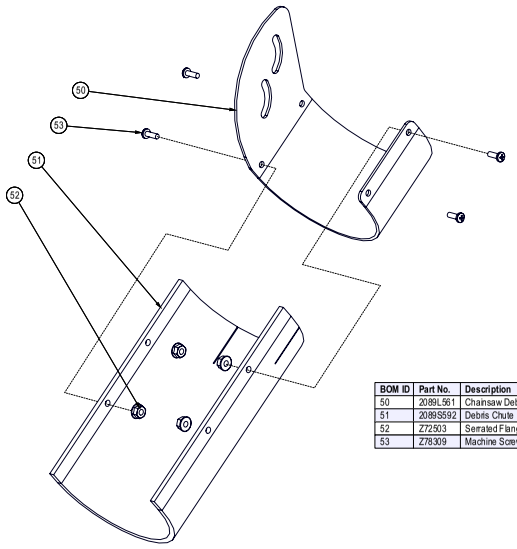
Note: Available for clasp style P201, not available for previous knob style models, ask your dealer for more information.

P201 Chainsaw Pivot Parts List

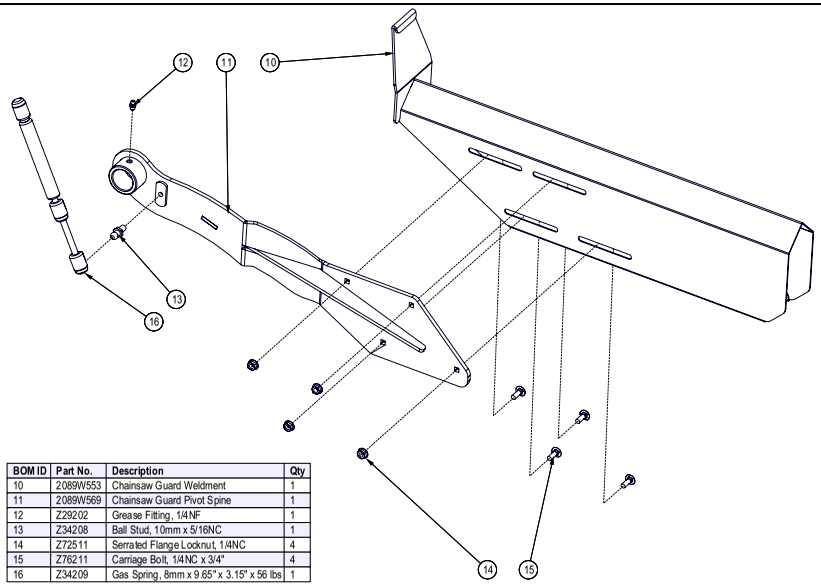
Note: when ordering parts for your P201 pivot, please include the manufacture date located on the product label.



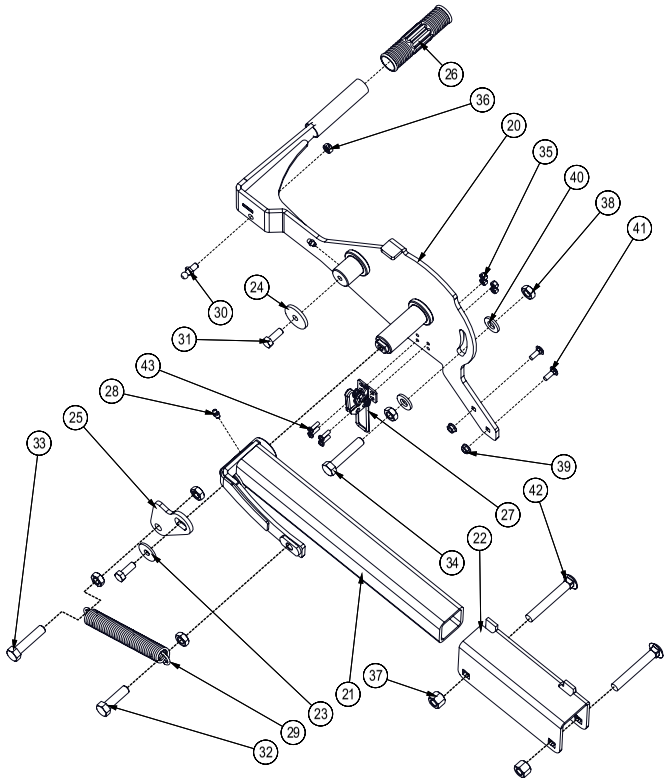
BOM ID	Part No.	Description	Qty
1	2089W585	Universal Chainsaw Adapter	1
2	2089M570	Bar Mounting Stud	2
3	Z19517	Catch for Z19516	1
4	Z72204	Hex Lock Nut, #10NF	2
5	Z73122	SAE Washer, 5/16"	2
6	Z77150	Hex Bolt, M8x1.25 x 20mm	2
7	Z78303	Machine Screw, #10NF x 1/2"	2
8	2089M571	Bushing, Stihl Cover	2



BOM ID	Part No.	Description	Qty
50	2089L561	Chainsaw Debris Guard	1
51	2089S592	Debris Chute	1
52	Z72503	Serrated Flange Locknut, #10NF	4
53	Z78309	Machine Screw, #8NC x 1/2"	4

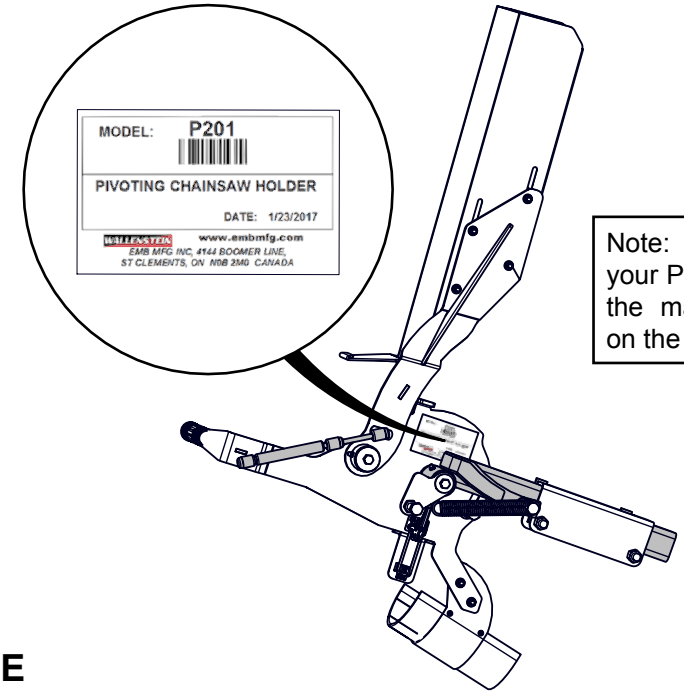


BOM ID	Part No.	Description	Qty
10	2089W553	Chainsaw Guard Weldment	1
11	2089W569	Chainsaw Guard Pivot Spine	1
12	Z29202	Grease Fitting, 1/4NF	1
13	Z34208	Ball Stud, 10mm x 5/16NC	1
14	Z72511	Serrated Flange Locknut, 1/4NC	4
15	Z76211	Carriage Bolt, 1/4NC x 3/4"	4
16	Z34209	Gas Spring, 8mm x 9.65" x 3.15" x 56 lbs	1



BOM ID	Part No.	Description	Qty
20	2089W584	Chainsaw Pivot Weldment	1
21	2089W586	Pivot Base	1
22	2089L595	Chainsaw Pivot Base Mount	1
23	2089L5501	Washer	1
24	2089L555	Washer	1
25	2089L574	Pivot Stop Washer	1
26	Z19321	Handle Grip, 1"	1
27	Z19516	Adjustable Draw Latch, 5"	1
28	Z29202	Grease Fitting, 1/4NF	2
29	Z31404	Ext Spring, 25mm OD x 178mm x 0.135"	1
30	Z34208	Ball Stud, 10mm x 5/16NC	1
31	Z71310	Hex Bolt, 3/8NC x 1"	2
32	Z71517	Hex Bolt, 1/2NC x 1-3/4"	1
33	Z71522	Hex Bolt, 1/2NC x 2-1/4"	1
34	Z71525	Hex Bolt, 1/2NC x 2-1/2	1
35	Z78303	Hex Lock Nut, #10NF	4
36	Z72223	Hex CTR-lock Nut, 5/16NC	1
37	Z72251	Hex Lock Nut, 1/2NC	2
38	Z72351	Jam Nut, 1/2NC	5
39	Z72511	Serrated Flange Locknut, 1/4NC	2
40	Z73151	SAE Washer, 1/2"	2
41	Z76211	Carriage Bolt, 1/4NC x 3/4"	2
42	Z762510	Carriage Bolt, 1/2NC x 3-1/2"	2
43	Z78324	Machine Screw, #10NF x 5/8"	4

P201 Chainsaw Pivot Label Location



Note: when ordering parts for your P201 pivot, please include the manufacture date located on the product label.

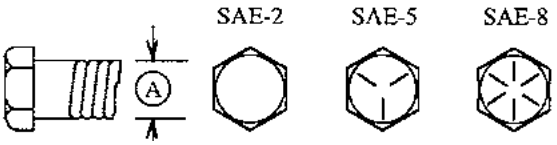
BOLT TORQUE

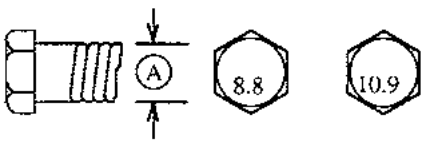
CHECKING BOLT TORQUE

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 Diamter "A"	Bolt Torque*					
	SAE 2 (N.m)	SAE 2 (lb-ft)	SAE 5 (N.m)	SAE 5 (lb-ft)	SAE 8 (N.m)	SAE 8 (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)	8.8 (lb-ft)	10.9 (N.m)	10.9 (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.