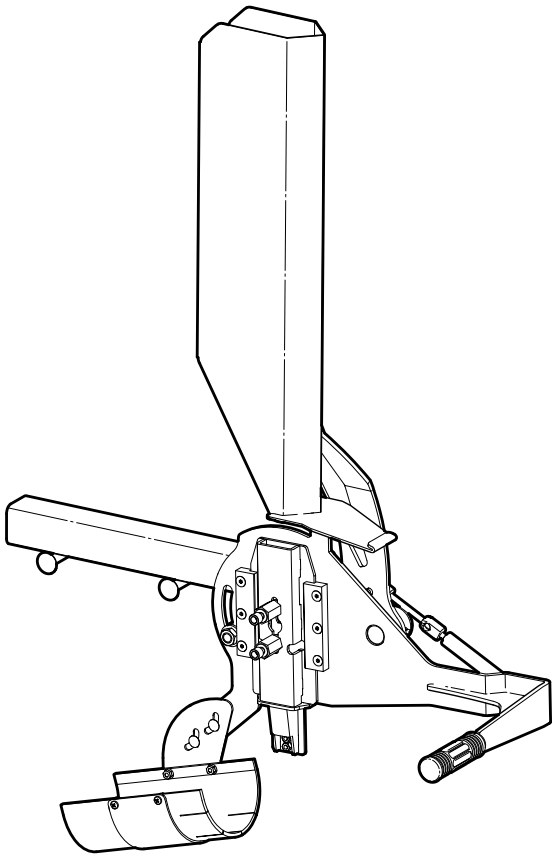
ASSEMBLY INSTRUCTIONS

P202
Pivoting Chain Saw Holder



Rev Apr-2021

Part Number: Z97806_En

WALLENSTEIN

Safety

Safety Alert Symbol

This Safety Alert Symbol means:

ATTENTION! BE ALERT!

YOUR SAFETY IS INVOLVED!

The **Safety Alert Symbol** identifies important safety messages on the machine and in this instruction. This symbol means be alert to the possibility of personal injury or death. Follow instructions provided.

Signal Words

The signal words **DANGER**, **WARNING** and **CAUTION** determine the seriousness level of the warning messages in this manual. The appropriate signal word for each message in this manual has been selected using the following guidelines:

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.

IMPORTANT – To avoid confusing equipment protection with personal safety messages, a signal word IMPORTANT indicates a situation that if not avoided, could result in damage to the machine.

Equipment Operation

WARNING!

Avoid the risk of personal injury or machine damage! Read the operator's manual before using this equipment. Carefully read all safety messages in the manual and follow all safety signs on the machine. W081

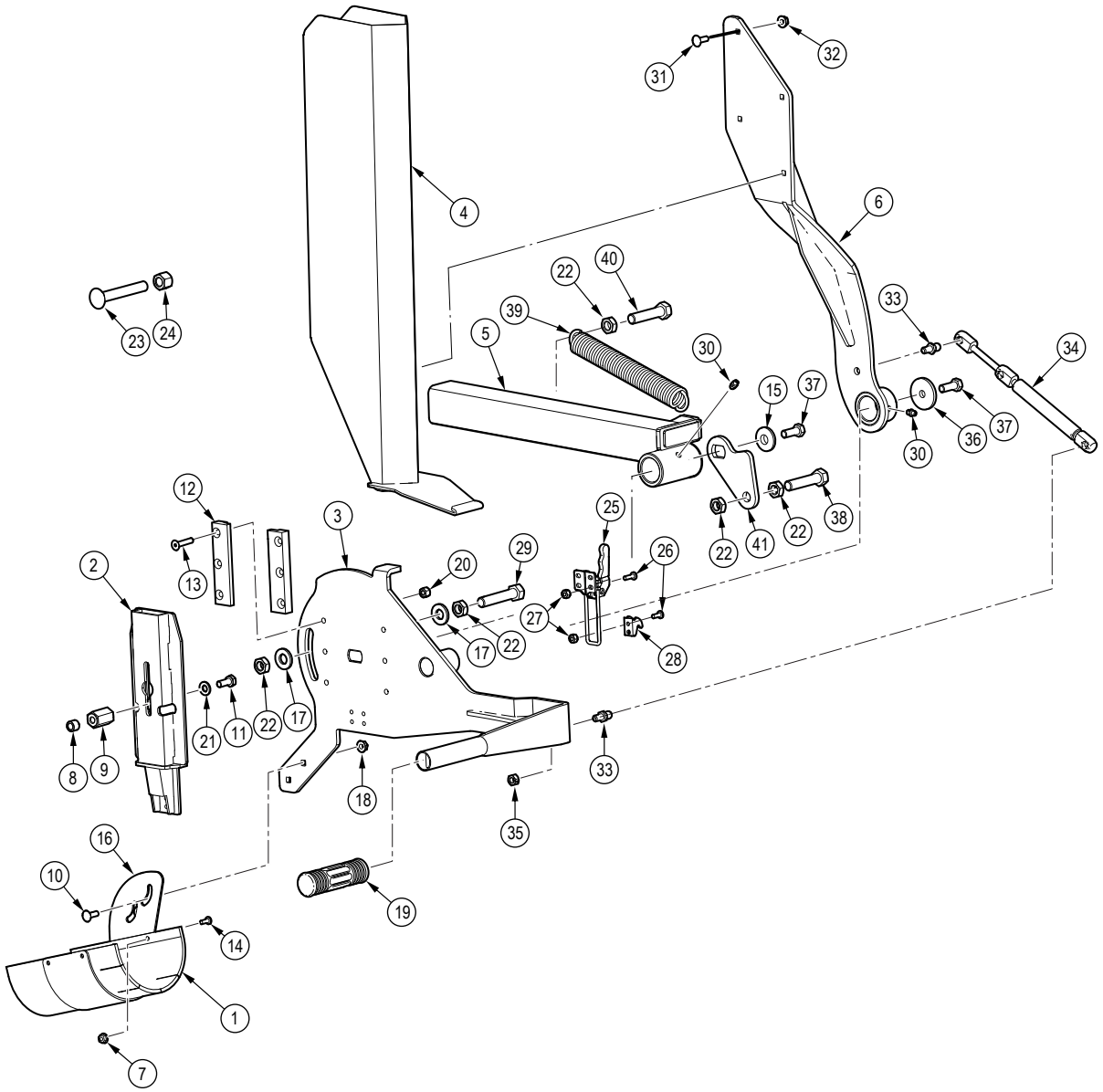
WARNING!

Review your chain saw manual for safe operating and handling procedures before beginning work. W082

WARNING!

Do not attach a chain saw to the holder with a bar length longer than 30" (75 cm). The cutting chain could contact the push block or cylinder rod causing a hazardous situation. Injury or machine damage could result from flying debris. W083

Parts Breakdown



Item No.	Part No.	Description	Qty
1	2089L561	Chain Saw Debris Guard	1
2	2251W045	Universal Chain Saw Adapter	1
3	2251W047	Chain Saw Pivot	1
4	2089W553	Chain Saw Guard	1
5	2089W586	Chain Saw Pivot Base	1
6	2089W569	Guard Spine	1
7	Z72503	Serrated Flange Locknut, #10NF	7
8	2089M571	Bushing, Stihl Cover	2
9	2089M570	Bar Mounting Stud	9
10	Z76211	Carriage Bolt, 1/4NC x 3/4"	2
11	Z77150	Hex Bolt, M8x1.25 x 20mm	2
12	2251M009	Guide Gusset Block	2
13	Z75214	FHCS, 1/4NC x 1-1/4"	6
14	Z78303	Machine Screw, #10NF x 1/2"	4
15	2089L5501	Washer	1
16	2089L561	Chain Saw Debris Guard	1
17	Z73151	SAE Washer, 1/2"	2
18	Z72511	Serrated Flange Locknut, 1/4NC	2
19	Z19321	Handle Grip, 1"	1
20	Z72211	Hex Lock Nut, 1/4NC	6
21	Z73151	SAE Washer, 1/2"	2

Item No.	Part No.	Description	Qty
22	Z72351	Jam Nut, 1/2NC	5
23	Z762510	Carriage Bolt, 1/2NC x 3-1/2"	2
24	Z72251	Hex Lock Nut, 1/2NC	2
25	Z19516	Adjustable Draw Latch, 5" (GH-40820) Latch only	1
26	Z78324	Machine Screw, #10NF x 5/8"	6
27	Z72204	Hex Lock Nut, #10NF	6
28	Z19517	Catch for Z19516	1
29	Z71525	Hex Bolt, 1/2NC x 2-1/2	1
30	Z29202	Grease Fitting, 1/4NF	2
31	Z76211	Carriage Bolt, 1/4NC x 3/4"	4
32	Z72511	Serrated Flange Locknut, 1/4NC	4
33	Z34208	Ball Stud, 10mm x 5/16NC	2
34	Z34209	Gas Spring, 8mm x 9.65" x 3.15" x 56 lbs	1
35	Z72223	Hex CTR-lock Nut, 5/16NC	1
36	2089L555	Washer	1
37	Z71310	Hex Bolt, 3/8NC x 1"	1
38	Z71522	Hex Bolt, 1/2NC x 2-1/4"	1
39	Z31404	Extension Spring	1
40	Z71517	Hex Bolt, 1/2NC x 1-3/4"	1
41	2089L574	Pivot Stop Washer	1

Assembling Chain Saw Holder

Step 1

- Install the Guide Gusset Blocks (12) onto the Chain Saw Pivot (3).
- Use three 1/4" x 1-1/4" Flathead Capscrews (13) and 1/4"NC Hex Locknuts (20) in each.

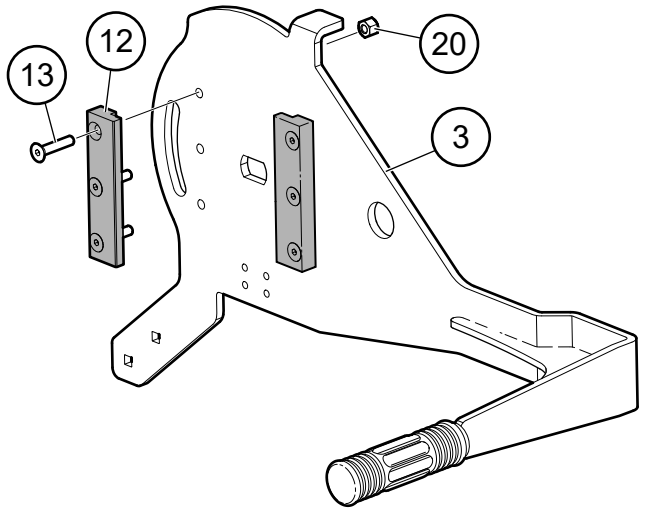


Fig. 1–Install Guide Gusset Blocks

Step 2

- Install the Debris Chute (1) onto the Chain Saw Debris Guard (16) using four Machine Screws #10NF (14) and Serrated Locknuts#10NF (7).
- Install the Chain Saw Debris Guard onto the Chain Saw Pivot Base with two 1/4"NC Carriage Bolts (10) and 1/4"NC Serrated Locknuts (18).

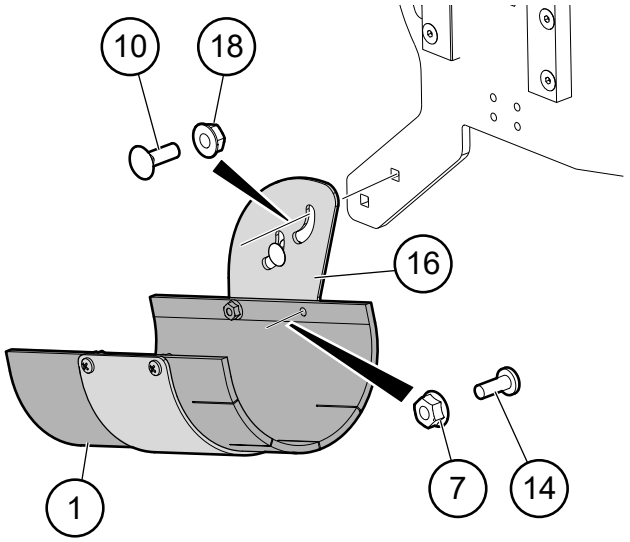


Fig. 2–Debris Chute

Step 3

- Slide Chain Saw Pivot Base (5) onto the longer shaft on the Chain Saw Pivot. Place the keyed slot of the Pivot Stop Washer (41) over the end of the shaft then secure with Washer (15) and Hex bolt (37).
- Fasten Extension Spring (39) to the hole on the bottom end of the Pivot Stop Washer (41) with Hex bolt (38) and Jam Nuts (22) on each side.
- Fasten the other end of the Extension Spring (39) to Chain Saw Pivot Base (5) with 1/2"NC x 1-3/4" Hex Bolt (40). Set bolt position with Jam Nut (22).
- Install 1/2"NC x 2-1/2" Hex bolt (29) as a stop into the slotted hole in Chain Saw Pivot plate. Place a washer (17) on each side with a Jam Nut (22). Adjust the position of the stop once assembly is complete.

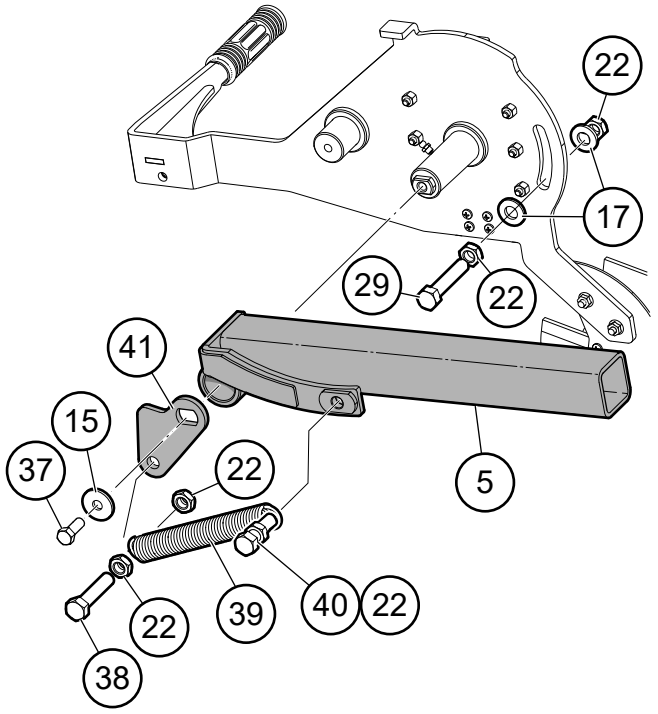


Fig. 3–Chain Saw Pivot Base

Step 4

- Fasten Chain Saw Guard (4) to Guard Spine (6) with four 1/4"NC x 3/4" Carriage Bolts (31) and 1/4" Flange Locknuts (32).
- Slide this assembly onto the shorter shaft on the Chain Saw Pivot. Secure to the shaft with 3/8"NC x 1" Hex Bolt (37) and Washer (36). Apply Loctite® 242 to the bolt threads.

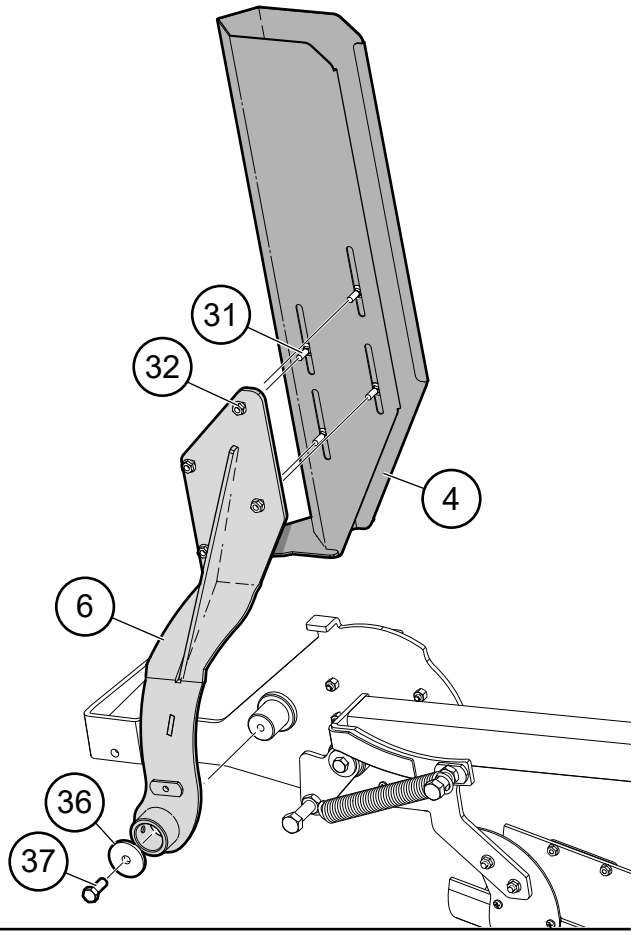


Fig. 4–Chain Saw Guard

Step 5

- Install Ball Studs (33) on the Chain Saw Pivot. The Ball Stud in the Guard arm threads in. The one on the base end requires 5/16"NC Lock Nut (35).
- Slide the ends of the Gas Spring (34) over the ball studs.

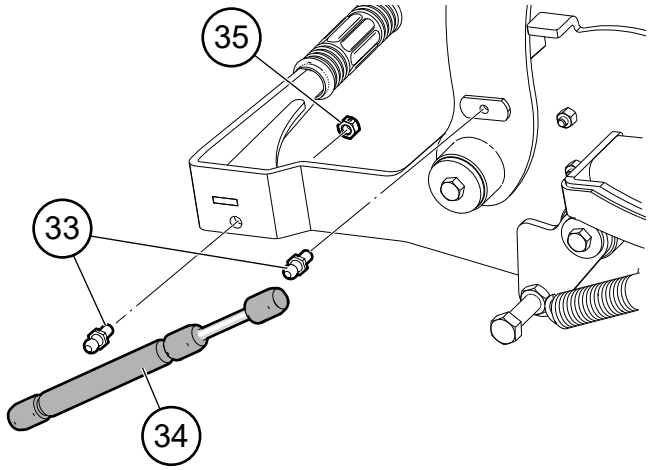


Fig. 5–Gas Spring

Step 6

- Install the two grease fittings (30) at the two pivot points.
- Install Adjustable Draw Latch (25) on the Chain Saw Pivot with four #10NF x 5/8" Machine Screws (26) and #10NF Hex Locknuts (27).

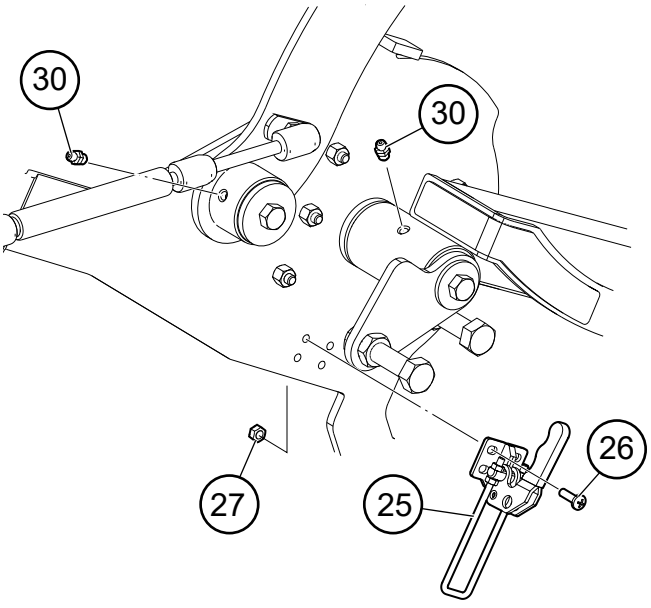


Fig. 6–Draw Latch

Step 7

- Slide the Assembled Chain Saw Holder into the receiver on the Wood Processor. Insert two 1/2"NC x 3-1/2" Carriage Bolts (23) and 1/2 NC Hex Locknuts (24) into the holder to clamp it in place.
- Leave bolts loose for now, then tighten after installing and adjusting for your chain saw.

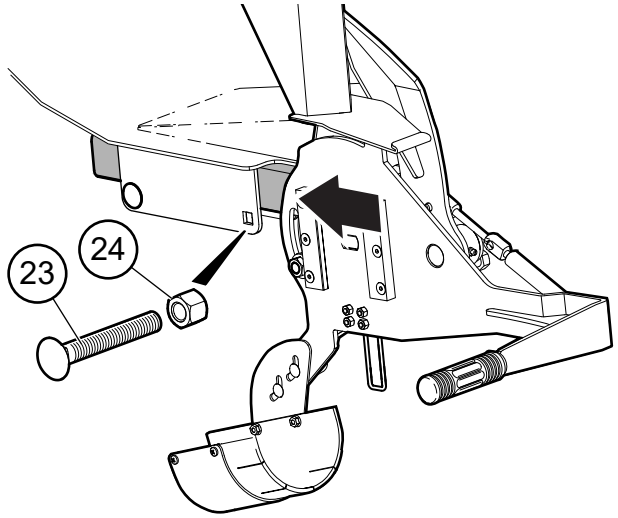


Fig. 7–Install Chain Saw Holder

Step 8

- Install the Catch (28) for the Adjustable Draw Latch onto the Universal Chain Saw Adapter (2) using two #10NF x 5/8" Machine Screws (26) and #10NF Hex Locknuts (27).

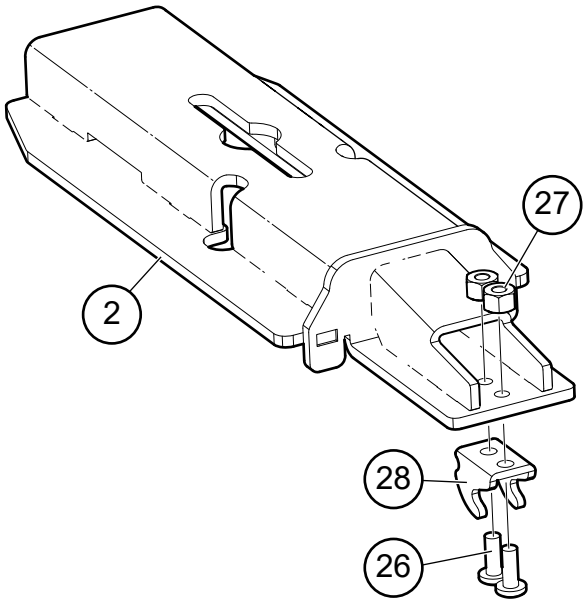


Fig. 8–Universal Chain Saw Adapter

Attaching Chain Saw to Holder

IMPORTANT! The chain saw must have dual bar-mounting studs to mount the chain saw adapter plate. Saws with captive guide bar nuts require them to be removed.

Step 9

- Remove the chain sprocket cover nuts from your chain saw. Some chain saws feature captive guide bar nuts in the chain sprocket cover. On these saws, replace the guide bar nuts with bushing spacers (8).

Step 10

- Thread the two bar mounting studs (9) onto the guide bar studs on your saw.

Step 11

- Install the universal chain saw adapter plate (2) over the bar mounting studs.

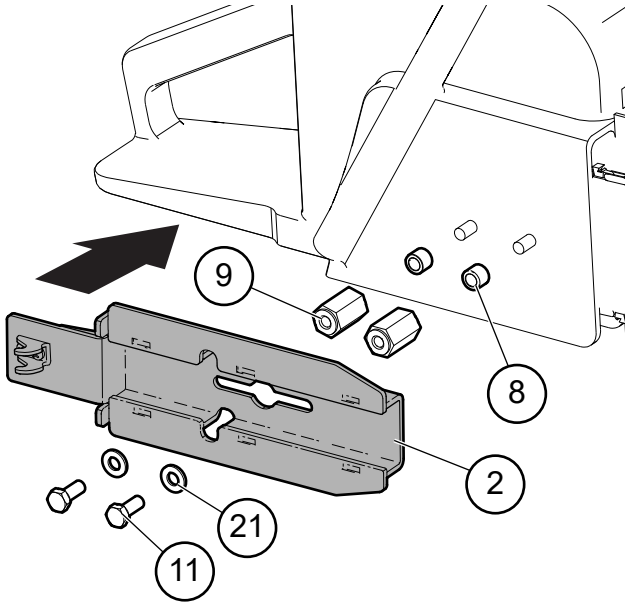


Fig. 9–Universal Chain Saw Adapter Install

Step 12

- Fasten everything together with the M8 x 20 mm hex bolts (11) and washers (21).

Step 13

- Slide the saw adapter plate into the guides on the chain saw pivot. Make sure the draw latch is open so the saw can slide in without interference.

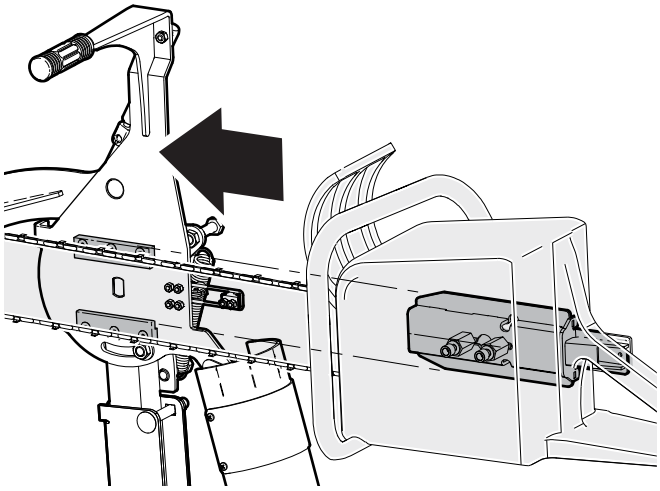


Fig. 10 – Chain Saw Pivot

Step 14

- Close the draw latch over the catch on the saw / adapter plate. This tightens the saw to the pivot assembly.
- Check saw movement through its range of motion and adjust as required.

NOTE: Some adjustment may be required to the pivot base, depending on the saw length.

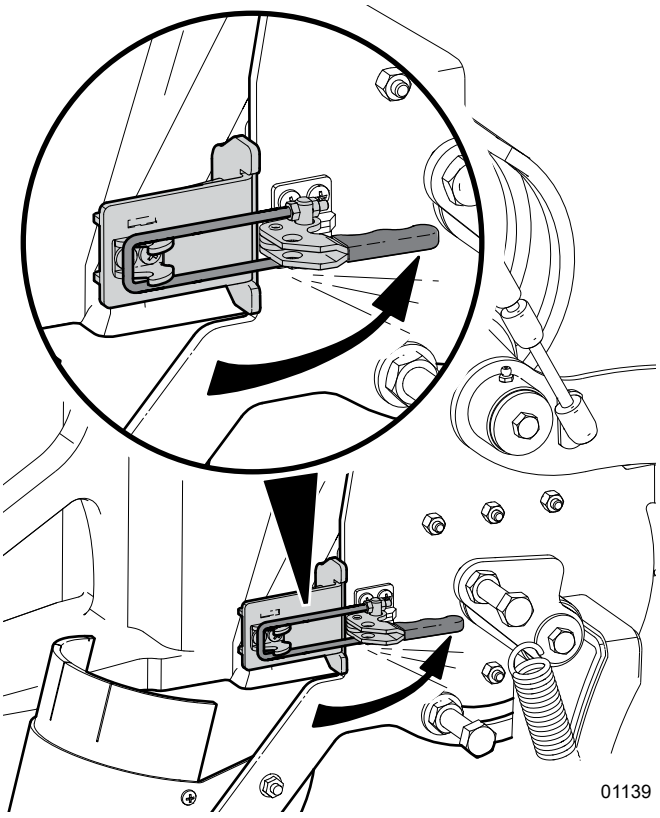


Fig. 11 – Draw Latch on Chain Saw Pivot Frame

- Check the range of motion of the saw. Make sure the bar cannot contact any part of the machine. Pull the saw off and adjust the adapter plate position as required.

Product Warranty

LIMITED WARRANTY

Wallenstein products are warranted to be free of defects in materials and workmanship under normal use and service, for a period of

Five Years for Consumer Use

Two Years for Commercial/Rental Use

from the date of purchase, when operated and maintained in accordance with the operating and maintenance instructions supplied with the unit. Warranty is limited to the repair of the product and/or replacement of parts.

This warranty is extended only to the original purchaser and is not transferable.

Repairs must be done by an authorized dealer. Products will be returned to the dealer at the customer's expense. Include the original purchase receipt with any claim.

This warranty does not cover the following:

1) Normal maintenance or adjustments
2) Normal replacement of wearable and service parts
3) Consequential damage, indirect damage, or loss of profits
4) Damages resulting from:
   - Misuse, negligence, accident, theft or fire
   - Use of improper or insufficient fuel, fluids or lubricants
   - Use of parts or aftermarket accessories other than genuine Wallenstein parts
   - Modifications, alteration, tampering or improper repair performed by parties other than an authorized dealer
   - Any device or accessories installed by parties other than an authorized dealer
5) Engines. Engines are covered by the manufacturer of the engine for the warranty period they specify. For the details of your engine warranty, see your engine owner's manual. Information about engine warranty and service is also available in the FAQ section at www.wallensteinequipment.com

rev. Nov-2018

Bolt Torque Specifications

Checking Bolt Torque

The tables shown give correct torque values for various bolts and capscrews. Tighten all bolts to the torque values specified in the table, unless indicated otherwise. Check tightness of bolts periodically.

IMPORTANT! If replacing hardware, use fasteners of the same grade.

IMPORTANT! Torque figures indicated in the table are for non-greased or non-oiled threads. Do not grease or oil threads unless indicated otherwise. When using a thread locker, increase torque values by 5%.

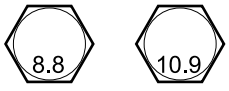
NOTE: Bolt grades are identified by their head markings.

Imperial Bolt Torque Specifications

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

Metric Bolt Torque Specifications

Bolt Diameter	Torque Value			
	Gr. 8.8		Gr. 10.9	
	lbf•ft	N•m	lbf•ft	N•m
M3	0.4	0.5	1.3	1.8
M4	2.2	3	3.3	4.5
M6	7	10	11	15
M8	18	25	26	35
M10	37	50	52	70
M12	66	90	92	125
M14	83	112	116	158
M16	166	225	229	310
M20	321	435	450	610
M30	1,103	1 495	1,550	2 100



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