

Marketing Bulletin

Global
Updated – November 2019

Announcing Cat® B1/B1S, B2/B2S, B4/B4S, B6/B6S and B8/B8S Top Mount Hammers, Silenced and Non-Silenced Hammers and B2, B6, B8 Side Mount Non-Silenced Hammers



		
Silenced Top Mount	Non-Silenced Top Mount	Non-Silenced Side Mount

Caterpillar is pleased to announce the expansion of the B Prefix Hammers with the availability of the new **B2, B6 and B8 Side Mount Hammers** for Mini Hydraulic Excavators (MHE). The new B2, B6 and B8 side mount join the B1, B2, B4, B6, and B8 line up of B Prefix Hammers. All B Top Mount Hammers will be interchangeable with the H Prefix Hammer mounting brackets.

The Side Mount Hammers is a Pin On, dedicated hammer for a specific machine size class. The mounting pins are integrated into the side plates and the hydraulic lines are included in the standard bill of material.

The Tools are service tools are interchangeable between Top Mount and Side Mount Hammers.

The B1 to B8 silenced and non-silenced Hammers combine to deliver optimum life-cycle value for the user's investment.

Marketing Strategy

The expansion of the hammer portfolio with the introduction of the B1 and B2 Silenced and Non-Silenced Hammers offer an economical plug and play solution. Suitable for use in a wide range of construction and light demolition applications – such as breaking concrete sidewalks and driveways, pavement, roads, masonry, site prep and landscaping, breaking frozen ground for utility repairs. The B Prefix Hammers use a simple design that ensures reliability, versatility, ease of use and maintenance. As a package solution, the matching Caterpillar designed hydraulic kits are also offered and the best fit for Cat® machines, providing customers a hammer package with superior design and benefits.

Standard Equipment Changes

N/A

Spec Comparison Chart

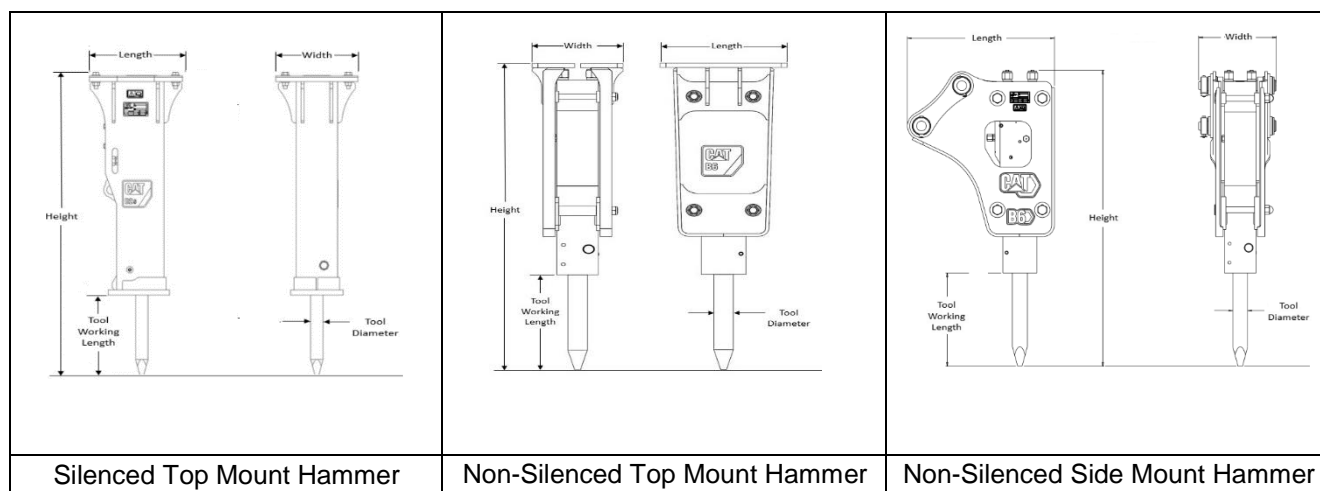
Model	Energy Class		Blows/ Minute	Rated Flow		*Operating Weight		Operating Pressure	
	J	(ft-lb)	BPM	lpm	(gpm)	kg	(lb)	bar	(psi)
B1 Pin On	200	(148)	800-1400	15-25	(4-7)	73.6	(162)	88	(1276)
B1S Silenced Top Mount	200	(148)	800-1400	15-25	(4-7)	86.3	(190)	88	(1276)
B1 Non-Silenced Top Mount	200	(148)	800-1400	15-25	(4-7)	83.1	(183)	88	(1276)
B2S Silenced Top Mount	290	(214)	700-1200	20-30	(5-8)	116.8	(257)	88	(1276)
B2 Non-Silenced Top Mount	290	(214)	700-1200	20-30	(5-8)	114.7	(253)	88	(1276)
B2 Non-Silenced Side Mount ^	290	(214)	700-1200	20-30	(5-8)	123.6	(272)	88	(1276)
B4S Silenced Top Mount	370	(273)	600-1100	25-50	(7-13)	162	(357)	103	(1487)
B4 Non-Silenced Top Mount	370	(273)	600-1100	25-50	(7-13)	159	(351)	103	(1487)
B6S Silenced Top Mount	680	(502)	500-900	40-70	(11-19)	277	(611)	108	(1566)
B6 Non-Silenced Top Mount	680	(502)	500-900	40-70	(11-19)	259	(571)	108	(1566)
B6 Non-Silenced Side Mount ^	680	(502)	500-900	40-70	(11-19)	255	(562)	108	(1566)
B8S Silenced Top Mount	1150	(850)	400-800	50-90	(13-24)	344	(758)	95	(1378)
B8 Non-Silenced Top Mount	1150	(850)	400-800	50-90	(13-24)	350	(772)	95	(1378)
B8 Non-Silenced Side Mount ^	1150	(850)	400-800	50-90	(13-24)	351	(774)	95	(1378)

Notes:

* Operating weight is Hammer and Tool, without bracket.

^ Oct 2019 released models.


Dimensions

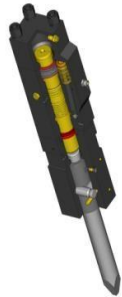



Model	Width		Length		Height		Tool Diameter		Tool Working Length	
	mm	(in)	mm	(in)	mm	(in)	mm	(in)	mm	(in)
B1 Pin On	208	(8.2)	185	(7.3)	958	(37.7)	40	(1.6)	210	(8.3)
B1S Silenced Top Mount	340	(13.4)	300	(11.8)	977	(38.4)	40	(1.6)	250	(9.8)
B1 Non-Silenced Top Mount	340	(13.4)	300	(11.8)	948	(37.3)	40	(1.6)	280	(11)
B2S Silenced Top Mount	340	(13.4)	300	(11.8)	1091	(43)	45	(1.8)	296	(11.7)
B2 Non-Silenced Top Mount	340	(13.4)	300	(11.8)	1080	(42.5)	45	(1.8)	326	(12.8)
B2 Non-Silenced Side Mount ^	217	(8.5)	391	(15.4)	1076	(42.3)	45	(1.8)	326	(12.8)
B4S Silenced Top Mount	340	(13.4)	300	(11.8)	1195	(47)	53	(2.1)	330	(13)
B4 Non-Silenced Top Mount	340	(13.4)	300	(11.8)	1190	(46.9)	53	(2.1)	360	(14.2)
B6S Silenced Top Mount	440	(17.3)	316	(12.4)	1370	(53.9)	68	(2.7)	377	(14.8)
B6 Non-Silenced Top Mount	440	(17.3)	316	(12.4)	1375	(54.1)	68	(2.7)	427	(16.8)
B6 Non-Silenced Side Mount ^	355	(14.0)	671	(26.4)	1353	(53.3)	68	(2.7)	427	(16.8)
B8S Silenced Top Mount	440	(17.3)	316	(12.4)	1402	(55.2)	75	(3)	358	(14.1)
B8 Non-Silenced Top Mount	440	(17.3)	316	(12.4)	1413	(55.6)	75	(3)	408	(16.1)
B8 Non-Silenced Side Mount ^	385	(15.2)	730	(28.7)	1484	(58.4)	75	(3)	468	(18.4)

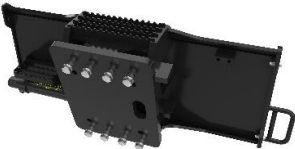
Note: ^Newly released models.


Key Features & Benefits


Feature	<i>Flat Top/Top-Mount/Side Mount (rectangular) Version Models Only</i>	
Benefit	<p>Top-mount style increases impact power by keeping hammer force and stick force in line. Flat top/top-mount style also provides the customer a larger work area and excellent operator visibility. Additionally, the top-mount bracket will transfer back significantly less recoil and bending stress into the end of the stick, resulting in reduced impact on machine structures. Flat top design incorporates common footprint and hole pattern for optimum versatility. Various of mounting brackets are available to suit coupler or pin on preference.</p> <p>Side-mount style is pinned on without mounting bracket, has a lower installation point so the breaker could be lift higher, being used to demolish buildings, walls or other constructions. Side mounted hydraulic breaker is more flexible to reach different conditions in projects like road demolition and construction breaking.</p> <p>The Non-Silenced Side Mount hammers will also carry the lowest purchase price among the Silenced Top Mount, Non-Silenced Top mount and Non-Silenced Side Mount.</p>	

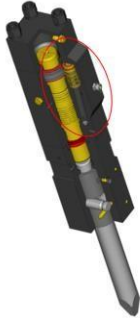
Feature	<i>Gas Fired Design (All B Hammers)</i>	
Benefit	<p>Cat B Prefix Hammers are specifically designed for Life Cycle Value market and applications providing customers with outstanding impact power, easier maintenance and optimum owning and operating cost. Gas fired cycle delivers consistently high production over time making the hammer reliable in applications such as concrete, asphalt, rock and light trenching.</p>	


Feature	<i>Mounting Bracket Interchangeable with Common Bracket Hole Patterns between Key Models</i> (Top Mount only)	
Benefit	<p>Brackets are compatible with H Prefix Hammers and the CVP16/CVP40 Vibratory Compactor Platers. Same bracket usage results in fewer part numbers and less stock for dealers.</p>	





Feature	<i>Newly Designed Skid Steer Loader Mounting Bracket (B4/B6/B8 Top Mount only)</i>	
Benefit	Skid steer bracket has been reinforced to improve durability. An added step improves ingress/egress. Provisions were added to improve hose routing and stowage. The new B Series Hammers have the same mounting interface as H prefix hammers, so that mounting brackets are backwards compatible.	

Feature	<i>Common Service Points are Ergonomically Positioned</i>	
Benefit	<p>These hammers are designed to optimize serviceability. The grease fitting and back head charging port face forward on SSL mounting configuration for easy access. For the MHE and BL, the service points face toward to the machine cab, it is very easy to access for service. Housing includes slot for wrench access to tighten hose couplings.</p> <p>For the non-silenced top mount and side mount, the service point is on the front head and back head and open to the air, directly visible and accessible.</p>	

Feature	<i>Slip Fit Rotatable Lower Tool Bushing</i>	
Benefit	The slip fit bushings are field replaceable. Upper bushing rotates 360 degrees. Lower bushing has two positions and can be rotated 90 degrees one time in the field without the need for special tools, typically in about thirty minutes. This doubles its life and reduces owning and operating costs.	

Feature	<i>Internal Control Valve (ICV)</i>	
Benefit	The ICV maintains maximum hydraulic pressure to ensure that the hammer delivers all blows at full power with no residual blows. Piston movement is instantaneous with joystick activation, which enables high productivity. By controlling the smooth movement of the piston, it can immediately stop the hammer when oil flow ceases. The simple design and low failure rate of the internal control valve is protected by the hammer housing and allows for greater structural integrity.	

Feature	New Standard Bill of Material	
Benefit	B Prefix Hammers will come Standard with: Hammer, two tools (conical and transverse chisel), charge kit, tool kit, spare parts, hammer paste, freight included in DN. *Bracket and Connecting Lines not included - must be ordered separately and installed at dealership.	

High Quality Tools	A.	B.	C.	D.
<p>A. Moil – A general purpose tool where the point improves speed of penetration. For use on pavement, concrete, bed rock, hard rock and trenching.</p> <p>B. Cone – A multi-use tool that can make circle holes in soft material. The point improves speed of penetration but there is no control of fracture direction. For use on concrete, bed rock and hard rock.</p> <p>C. Blunt – The blunt tool helps shatter with vibration instead of penetration. For use on concrete, bed rock, trenching, operating on slopes and cutting lines.</p> <p>D. Chisel (Cross Cut and Parallel) – Aids controlled and accurate fracture line. For use on pavement, concrete, bed rock, trenching, operating on slopes and cutting lines.</p>				

Lane Strategy Changes

N/A

Ordering Guide

Top mount hammers have a hole spacing pattern which allows for interchange between B and H hammers, as well as different machine models. Utilize the bracket guide along with the compatibility tables to choose the proper bracket for machine and hammer combination.

BRACKET GUIDE FOR TOP MOUNT HAMMERS								
Bracket Size	Hole Spacing (mm x mm)	B Hammer (Silenced & Non-Silenced)	Bracket Size					
			SM	SM+MD	MD	MD+LG	SM+LG	LG
SM	230 x 230	B1, B2, B4	Yes	Yes			Yes	
MD	230 x 290	B1, B2, B4		Yes	Yes	Yes		
LG	230 x 390	B6, B8				Yes	Yes	Yes

Skid Steer, Compact Track, and Multi Terrain Loaders			
Part Number	Model	Connecting Lines	Bracket
Compatibility: 216B3, 226B3, 226D, 232D, 236D, 239D, 242D, 246D 249D, 257D, 259D, 262D 272D2, 272D2 XHP, 277D, 279D, 287D, 289D, 297D2, 297D2 XHP, 299D2, 299D2 XHP			
532-9104	B4	Option#1:	532-9250, MD+LG
532-9204	B4S	532-9264	
532-9106	B6	OR Option #2:	
532-9206	B6S	532-9240*, MD+LG	
Compatibility: 246D, 249D, 257D, 259D, 262D, 272D2, 272D2 XHP, 277D, 279D, 287D, 289D, 297D2, 297D2 XHP, 299D2, 299D2 XHP			
532-9108	B8	Option#1:	532-9250, MD+LG
		532-9264	
532-9208	B8S	OR Option #2:	532-9240*. MD+LG

* Lines and bracket are delivered pre-assembled.

Mini Hydraulic Excavators			
Part Number	Model	Connecting Lines	Bracket
Compatibility: 300.9D			
573-4711	B1 Pin On	Pin On Hammer Lines Included, No Bracket Required	
Compatibility: 301.4C, 301.6C, 301.7D, 301.7D CR, 301.8C, 302.2D, 302.4D; Next Gen: 301.5, 301.7CR, 301.8			
532-9101	B1	532-9086, 1T OR 532-9087, 2T	532-9055, 1T, SM+MD (Only compatible with 301.4-301.8) OR 532-9057, 2T, SM+MD (Only compatible with 302.2-302.4) OR 442-9851, CW05 Interface, SM+MD
532-9201	B1S		
Compatibility: 301.7D, 301.7D CR, 301.8C, 302.2D, 302.4D, 302.5C, 302.7D CR; Next Gen: 302CR, 302.2, 302.4			
532-9102	B2	532-9086, 1T OR 532-9087, 2T	532-9055, 1T, SM+MD (Only compatible with 301.4-301.8) OR 532-9057, 2T, SM+MD (Only compatible with 302.2-302.4) OR 442-9851, CW05 Interface, SM+MD
532-9202	B2S		



Mini Hydraulic Excavators (continued)			
Compatibility: 301.6C, 301.7D, 301.8C; Next Gen: 301.5, 301.6, 301.7CR, 301.8, 302CR			
576-5540^	B2 Side Mount	Pin On Hammer Lines included, No Bracket Required	
Compatibility: 302.2D, 302.4D, 302.5C, 302.7D CR			
532-9104	B4	532-9087, 2T	532-9057, 2T, SM+MD OR
532-9204	B4S		442-9851, CW05 Interface, SM+MD (Not compatible with B6, B8)
Compatibility: 303E CR, 303.5E CR, 303.5E2 CR, 304E CR, 304E2 CR, 304.5E2 XTC; Next Gen: 303, 303.5, 304			
532-9104	B4	532-9088, 3T	532-9059, 3T, SM+MD (Not compatible with B6, B8)
532-9204	B4S		OR
532-9106	B6		532-9063, 3T, SM+LG OR
532-9206	B6S		450-9815, CW05 Interface, SM+MD (Not compatible with B6, B8)
Compatibility: 305E CR, 305E2 CR, 305.5E CR, 305.5E2 CR; Next Gen: 305, 305.5			
532-9104	B4	532-9089, 5T-8T	532-9065, 5T, SM+LG
532-9204	B4S		OR
532-9106	B6		450-9815, CW05 Interface, SM+MD (Not compatible with B6, B8)
532-9206	B6S		OR
532-9108	B8		440-3180, CW10 Interface, SM+LG
532-9208	B8S		
Compatibility: 305C CR, 305D CR, 305E CR, 305E2, 305.5D CR, 305.5E CR, 305.5E2, 306E, 306E2			
532-9306^	B6 Side Mount	Pin On Hammer Lines Included, No Bracket Required	
Compatibility: 307D, 307E, 307E2, 308D, 308E CR, 308E2 CR; Next Gen: 307.5, 308, 309CR			
532-9308^	B8 Side Mount	Pin On Hammer Lines Included, No Bracket Required	
Compatibility: 307E, 307E2, 308E CR, 308E2 CR; Next Gen: 307.5, 308, 309 HF			
532-9106	B6	532-9089, 5T-8T	532-9067, 8T, LG
532-9206	B6S		OR
532-9108	B8		440-3180, CW10 Interface, SM+LG
532-9208	B8S		

Notes: ^ Newly released models.

Backhoe Loaders			
Part Number	Model	Connecting Lines	Bracket
Compatibility: 415F2, 416E, 416F2, 420F, 420F2, 422F2, 426F2, 427F2, 428F2, 430F, 430F2, 432F2, 434F2, 444F2; Next Gen: 440			
532-9106	B6	551-1541** to be cancelled and replaced by 570-6298** (Not compatible with Tuck-Style Brackets)	439-4471, LG to be cancelled and replaced by 567-9320, LG Pin On / Pin Grabber OR 443-7285, LG Pin Lock Style Coupler
532-9206	B6S		
532-9108	B8		
532-9208	B8S		
532-9106	B6	565-6083** (Compatible with Tuck-Style Brackets)	551-1546, LG Tuck-Style Pin On, Standard Stick OR 565-3682, LG Tuck-Style Pin On, E-Stick OR 572-6066, LG Tuck-Style, All Sticks w/ Pin Grabber
532-9206	B6S		
532-9108	B8		
532-9208	B8S		

**QDs not included in lines group, must be ordered separately.

- Twist to Connect 442-9566
- Push to Connect 132-8769

			
<p>Tuck style bracket for BHL</p> <p>New BHL Tuck bracket to collapse stick for improved travel. This bracket design also includes new shorter tools.</p>		<p>Standard bracket for BHL</p> <p>A support bracket can be welded to the bottom of the boom guard on some Center Pivot backhoe loaders to rest the hammer tool during transport.</p> <p>Reference document REHS4055 for compatibility and installation instruction.</p> <p>Part number: 270-3208 can be ordered through the parts system for designated models.</p>	

Serial Number Prefix

Model	Mounting	Prefix
B1 Pin On	Pin On	HYA
B1	Top Mount	HYA
B1S	Top Mount	HYA
B2 ^	Top Mount	HA2
B2 Side Mount	Side Mount	HA2
B2S	Top Mount	HA2
B4	Top Mount	HA4
B4S	Top Mount	HA4
B6	Top Mount	HA6
B6 Side Mount ^	Side Mount	HA6
B6S	Top Mount	HA6
B8	Top Mount	HA8
B8 Side Mount ^	Side Mount	HA8
B8S	Top Mount	HA8

Notes: ^ Newly released models.

Production

Product is currently available for order through Cat Parts.

Distribution Center	Stock	ADSD-N	ADSD-S	AME	ANZP	APD	CIS	EUR
Waco	Now	*	*		*			
Grimbergen	Now			*		*	*	*
Melbourne	Now							

* Initial product stocking will be held through the locations indicated above. Lead time for work tools from Waco and Grimbergen to other distribution centers and dealers is typically 8-week order to delivery. Additional distribution centers will be added as needed.

Availability and Pricing

This product can be ordered the same as other BCP Work Tools using: DBS EMS, or ANTARESSM. The communication bridge will transmit DBS EMS orders into the ANTARES system for Parts ordering, shipping and invoicing. Trade discounts remain the same as the existing models.

Link to Price Pages: <https://ppl.cat.com>

Attachments

N/A

Sales Support

Sales Support Materials

N/A

Sales training

Product training will be conducted at Building Construction Products (BCP) training facilities in Clayton, NC USA, Leicester, England and at worldwide regional events and dealer.cat.com.

Product Support

Product Support Materials

Title

B Prefix OMM
B Prefix Parts Manual

Media No.

M0080888
M0081592

Available

April 2018
April 2018

Service Training / Materials

N/A

New tooling required

No new tooling required.

Parts Availability

Part Number	Description	Compatibility
532-9240	LINES AND BRACKET, SSL	B4/B4S B6/B6S B8/B8S
532-9086	LINES, B1-B4, 1T	B1/B1S B2/B2S
532-9087	LINES, B1-B4, 2T	B1/B1S B2/B2S B4/B4S
532-9088	LINES, B4-B6 HAMMER, 3T	B4/B4S B6/B6S
532-9089	LINES, B6 HAMMER, 5T-8T	B6/B6S B8/B8S
532-9264	LINES, B4-B8 HAMMER, SSL	B4/B4S B6/B6S B8/B8S
570-6298	LINES, BHL Non-Tuck Brackets	B6/B6S B8/B8S
565-6083	LINES, BHL Tuck-Style Brackets	B6/B6S B8/B8S
532-9250	BRACKET, SSL, MD-LG	B4/B4S B6/B6S B8/B8S
532-9055	BRACKET, MHE 1T 30MM, SM+MD	B1/B1S B2/B2S
532-9057	BRACKET, MHE 2T 35MM, SM+LG	B1/B1S B2/B2S B4/B4S
532-9059	BRACKET, MHE 3T 40MM, SM+MD	B4/B4S
532-9063	BRACKET, MHE 3T 40MM, SM+LG, PIN GRABBER	B4/B4S B6/B6S
569-5414	BRACKET, MHE 5T 45MM, SM+LG, PIN GRABBER	B6/B6S B8/B8S
532-9067	BRACKET, MHE 8T 50MM, LG, PIN GRABBER	B6/B6S B8/B8S
442-9851	BRACKET, MHE 1-5T – CW05 INTERFACE	B1/B1S B2/B2S B4/B4S
440-3180	BRACKET, MHE 5-8T – CW10 INTERFACE	B8/B8S
443-7285	BRACKET, 1/4 YD PIN LOCK, MD	B6/B6S B8/B8S
567-9320	BRACKET, BHL 45-50MM, SM+LG, PIN GRABBER	B6/B6S B8/B8S
551-1546	BRACKET, BHL 45-50MM Tuck-Style, pin on, std sticks	B6/B6S B8/B8S
565-3682	BRACKET, BHL 45-50MM Tuck-Style, pin on e-sticks	B6/B6S B8/B8S
572-6066	BRACKET, BHL 45-50MM Tuck-Style, all sticks w/ Pin Grabber Coupler	B6/B6S B8/B8S

Tool Part Number	B1 Pin On	B1/B1S	All B2/B2S	All B4/B4S	All B6/B6S	All B8/B8S	
						Tuck- Style (695 mm)	Non- Tuck (755 mm)
TOOL, MOIL	N/A	532-9151	532-9175	532-9190	523-3193	566-3424	532-9120
TOOL, CONE	565-6082	542-1750	542-1754	542-1758	523-3195	566-3422	532-9118
TOOL, BLUNT	N/A	542-1751	542-1755	542-1759	523-3196	566-3421	532-9117
TOOL, CHISEL, CROSS CUT *	576-5524	542-1753	542-1757	542-1760	523-3197	566-3423	532-9119
TOOL, CHISEL, IN LINE ^	576-5523	542-1756	542-1756	542-1761	523-3191	566-3425	532-9121

* Chisel, Cross Cut will be 90 degrees to the track of the machine. Also known as Transverse.

^ Chisel, In Line will be parallel to the track of the machine. Also known as Parallel.

Warranty

The CMOPS and ANTARES ordered work tools are one-year parts only. Complete details can be found under Standard Warranty for BCP Work Tools section.

Additional Information

NPI Kit details

N/A

Link to Work Tool Central: <https://dealer.cat.com/products/wtc>

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