



Auger Attachment



Angle Blade Attachment



Backhoe Attachment



Broom Attachment



Brushcutter Attachment



Bucket Attachment



Cold Planer Attachment



Compactor Attachment



Fork Attachment

Cat® Attachments Guide V4.7

Updated 06 Aug 2018

WesTrac

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Grapple Bucket Attachment



Hammer Attachment



Landscape Rake Attachment



Landscape Tiller Attachment



Mulcher Attachment



Plate Compactor Attachment



Pulverizer Attachment



Shear Attachment



Stump Grinder Attachment



Trencher Attachment



Wheel Saw Attachment

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AUGER DRIVES – SSL/CTL/MTL

Caterpillar produces three different types of Augers which can be fitted to MHEX, SSL/CTL/MTL machines; while all look the same they deliver increased outputs of torque and performance depending on the customers' requirements.

A7B = Light applications : Direct drive feature variable speed , bi-directional, Gerotor-style hydraulic motor for optimal bit speed and torque output and tapered roller bearings for increased side and axial load capability . NOTE: Please refer to the Operation and Maintenance Manual for usage recommendations.

A14B = Moderate applications : Direct drive feature variable speed , bi-directional, Gerotor-style hydraulic motor for optimal bit speed and torque output and tapered roller bearings for increased side and axial load capability.

A19B = Moderate to Heavy applications: Single reduction planetary drive features variable speed, bi-directional, Gerotor-style hydraulic motor mounted to a planetary gear box for optimal bit speed and torque output and planetary lock nut system for superior shaft retention. *Is a good all-rounder*

A26B = Heavy Duty applications: Inline double reduction planetary drive features a variable speed, bi-directional, gear hydraulically motor mounted to a planetary gear box for maximum torque and optimal speed. *Ideal if the customer is drilling in Rock or concrete.*

NOTE: When quoting please remember to quote:

1. Drive unit
2. Choose Auger Bits
3. Choose Options (GET, Extensions, Rock Head, Adapters & EPP)
4. Allow for Build Up assembly & Test



Cat Auger Drives Overview



SSL / CTL / MTL AUGER DRIVE

A14B Drive	Suits 216B3, 226D, 232D, 232D, 236D, 239D, 242D, 246D, 249D, 259D	Light to Moderate Duty	AVAIL.
218-3178 WRKSHP x 1	A14B AUGER DRIVE Includes: Drive Group, SSL Mounting Group & Lines Group. REQUIRES: Standard Flow Hydraulics (High Speed, Low Torque)		MDC
372-0258	RETENTION PIN		STORE
A19B Drive	Suits 216B3, 226D, 232D, 236D, 239D, 242D, 246D, 249D, 259D, 262D, 272D2, 272D2 XHP, 279D, 289D, 299D2 XPS, 299D2 XHP	Moderate to Heavy Duty	AVAIL.
219-7706 WRKSHP x 1	A19B AUGER DRIVE Includes: Drive Group, SSL Mounting Group & Lines Group. REQUIRES: Standard Flow Hydraulics (Medium Speed, Medium Torque)		MDC
372-0258	RETENTION PIN		STORE
A26B Drive High Flow /XPS	226D, 242D, 246D, 259D, 262D, 272D2, 272D2 XHP, 279D, 289D, 299D2 XPS, 299D2 XHP	Heavy Application	AVAIL.
424-0440 WRKSHP x 1	A26B AUGER DRIVE INCLUDES: Drive Group, Mounting Group & Hydraulic lines with 1/2" quick disconnects, *REQUIRES: High flow or high flow XPS hydraulics (Low Speed, High Torque)		CHECK
372-0258	RETENTION PIN		STORE

Go to Steps #2 & 3 - Choose Auger Bits + Options

AUGER DRIVES - MHEX & BACKHOE



A7B Drive	Suits: 301.4C / 301.7D / 301.7DCR	Light Duty	AVAIL.
218-3206 WRKSHP x 1.5	A7B AUGER DRIVE (Auger drive includes head bracket & lines). <i>(High Speed, Low Torque)</i> <i>(Not suitable for larger than 457mm auger bits)</i>		MDC
154-2672	PINS, BUCKET 30MM KIT (2 pins kit)		STORE
372-0258	RETENTION PIN		STORE

A14B Drive	Suits: 302.7DCR	Light to Moderate Duty	AVAIL.
218-3197 WRKSHP x 1.5	A14B AUGER DRIVE (Auger drive includes head bracket & lines). <i>(High Speed, Low Torque)</i> <i>(Good performance 102mm to 610mm, acceptable performance on 762mm. Not suitable for 910mm auger bits)</i>		MDC
154-2683	PINS, BUCKET 35MM KIT (2 pins kit)		STORE
372-0258	RETENTION PIN		STORE

A14B Drive	Suits: 303E CR / 303.5ECR / 303.5E2 CR / 304E CR / 304E2 CR	Light to Moderate Duty	AVAIL.
218-3198 WRKSHP x 1.5	A14B AUGER DRIVE (Auger drive includes head bracket & lines). <i>(High Speed, Low Torque)</i> <i>(Good performance 102mm to 610mm, acceptable performance on 762mm. Not suitable for 910mm auger bits)</i>		CHECK
154-2638	PINS, BUCKET 40MM KIT (2 pins kit)		STORE
372-0258	RETENTION PIN		STORE

A19B Drive	Suits: 303E CR / 303.5ECR / 303.5E2 CR / 304E CR / 304E2 CR	Moderate to Heavy Duty	AVAIL.
220-7137 WRKSHP x 1.5	A19B AUGER DRIVE (Auger drive includes head bracket & lines). <i>(Medium Speed, Medium Torque)</i> <i>(Good performance 102mm to 762mm, acceptable performance: 910mm).</i>		STORE
154-2638	PINS, BUCKET 40MM KIT (2 pins kit)		STORE
372-0258	RETENTION PIN		STORE

A19B Drive	Suits: 305E2 CR / 305.5E2	Moderate to Heavy Duty	AVAIL.
275-1000 WRKSHP x 1.5	A19B AUGER DRIVE (Auger drive includes head bracket & lines). <i>(Medium Speed, Medium Torque)</i> <i>(Good performance 102mm to 762mm, acceptable performance: 910mm).</i>		STORE
282-2785	PINS, BUCKET 45MM KIT (2 pins kit)		STORE
372-0258	RETENTION PIN		STORE

A26B Drive	305E2 CR / 305.5E2 CR	Heavy Duty	AVAIL.
275-1001 WRKSHP x 1.5	A26B AUGER DRIVE (Auger drive includes head bracket & lines). <i>(Low Speed, High Torque)</i> <i>(Best performance 610mm to 910mm+).</i>		MDC
282-2785	PINS, BUCKET 45MM KIT (2 pins kit)		STORE
372-0258	RETENTION PIN		STORE

A26B Drive	308E2 CR	Heavy Duty	AVAIL.
313-1460 WRKSHP x 1.5	A26B AUGER DRIVE (Auger drive includes head bracket & lines). <i>(Low Speed, High Torque)</i>		MDC
308-0324	PINS, BUCKET 50MM KIT (2 pins kit)		STORE
372-0258	RETENTION PIN		STORE

BACKHOE AUGER DRIVE



PART #	ALL CAT BACKHOE MODELS	Heavy Duty	AVAIL.
227-4359 WRKSHP x 1.5	A26B AUGER DRIVE REQUIRES: Standard Flow Hydraulics INCLUDES double Planetary reduction (34:1) drive unit, hydraulic lines with quick disconnects & mounting bracket. <i>(Low Speed, High Torque)</i>		CHECK
178-3593	PINS, BACKHOE BUCKET KIT (2 pins kit)		STORE
372-0258	RETENTION PIN		STORE

Add Auger Bits & Options as required

AUGER OPTIONS

PART #	Cat® Standard Auger Bits		AVAIL.
	Standard Duty, 2" HEX Shaft, Double Flight Bit teeth are Hardened teeth retained by bolt and nut		
366-7751	102mm (4")	Length 1245mm, Pilot Only (SUITS: A7B, A14B, A19B, A26B)	MDC
153-4083	152mm (6")	Length 1245mm, 2 teeth (SUITS: A7B, A14B, A19B, A26B)	STORE
153-4084	229mm (9")	Length 1245mm, 3 teeth (SUITS: A7B, A14B, A19B, A26B)	STORE
153-4085	305mm (12")	Length 1295mm, 4 teeth (SUITS: A7B, A14B, A19B, A26B)	STORE
153-4086	457mm (18")	Length 1295mm, 6 teeth (SUITS: A7B, A14B, A19B, A26B)	STORE
153-4089	610mm (24")	Length 1295mm, 8 teeth (SUITS: A14B, A19B, A26B)	MDC
217-3194	762mm (30")	Length 1295mm, 10 teeth (SUITS: A14B, A19B, A26B)	CHECK
153-4091	914mm (36")	Length 1295mm, 12 teeth (SUITS: A19B, A26B)	CHECK
Please Note: GET for Standard Auger Bits are not compatible with Industrial Auger Flights			



Replacement Teeth and Hardware for STD flight Auger Bits (Example left)

Part Number	Description
153-4094	Standard Duty Tooth (Good)
174-9566	Hard Face Tooth (Better)
174-9567	Carbide Inserted (Best)
153-4093	Pilot Point
Teeth Hardware	
6V-8959	Bolt (1)
6V-7687	Locknut (1)
Required Pilot Point Hardware	
6V-7687	Locknut (1)
7X-2549	Bolt (1)

Rock Drill Head Kit

PART #	Cat® Rock Drill Head	Avail.
	These Rock head bits are able to dig through abrasive ground conditions including rock and several types of concrete. The bullet style teeth can be easily installed and removed to minimise maintenance time. Attaches to the standard duty auger bit to transform it to an industrial application bit for rock and severe ground conditions. Easily remove the Rock head to return to dirt or normal conditions.	
372-0230	RDH: 152mm (6") 8 teeth (32kg) (SUITS: A14B, A19B, A26B)	MDC
372-0231	RDH: 229mm (9") 10 teeth (47kg) (SUITS: A14B, A19B, A26B)	MDC
372-0232	RDH: 305mm (12") 12 teeth (68kg) (SUITS: A14B, A19B, A26B)	STORE
372-0233	RDH: 380mm (15") 14 teeth (68kg) (SUITS: A14B*, A19B*, A26B)	USA
372-0234	RDH: 457mm (18") 16 teeth (88kg) (SUITS: A14B*, A19B*, A26B)	STORE
372-0235	RDH: 610mm (24") 20 teeth (125kg) (SUITS: A14B*, A19B*, A26B)	MDC
* Provides acceptable system performance Note: Not suitable for A7B Auger Drives. Replacement Teeth Part #: 372-0259		

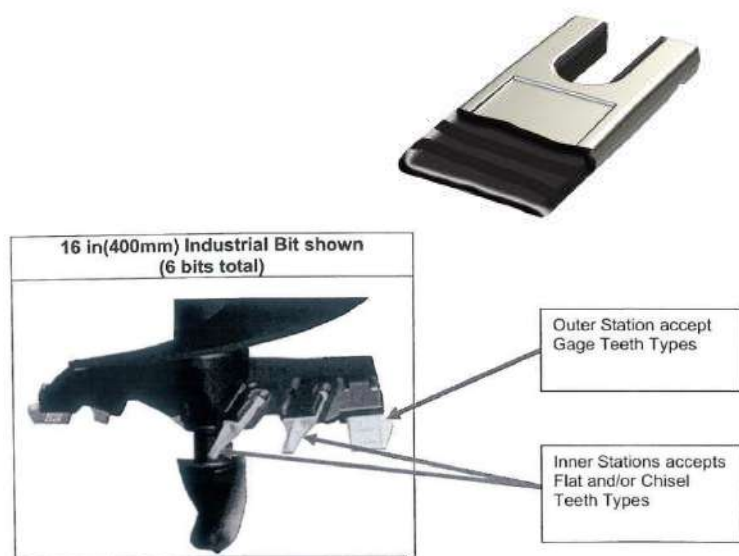


AUGER – INDUSTRIAL BITS

Can be purchased instead of standard Auger bits, the teeth arrangement of inner and outer teeth with Hard Facing or Carbide options can be changed out easily thanks to the boltless retention system which allows for easy removal and installation of teeth. The Industrial bit is more aggressive in its cut and well suited for material such as compacted recycled concrete and sandstone.

PART #	Cat® INDUSTRIAL Auger Bits Heavy Duty, Approx. 48" (1219mm) Length, 2" HEX Shaft, Single Flight Bit , 35 Series Fas-N-Lok teeth for heavy-duty drilling conditions	Avail.
372-0260	152mm (6") 2 teeth (SUITS: A14B, A19B, A26B)	MDC
372-0261	229mm (9") 4 teeth (SUITS: A14B, A19B, A26B)	MDC
372-0262	305mm (12") 4 teeth (SUITS: A14B, A19B, A26B)	STORE
372-0263	407mm (16") 6 teeth (SUITS: A14B, A19B, A26B)	MDC
372-0264	457mm (18") 6 teeth (SUITS: A19B*, A26B)	STORE
372-0265	610mm (24") 8 teeth (SUITS: A19B*, A26B)	MDC
372-0266	762mm (30") 10 teeth (SUITS: A19B*, A26B)	USA
372-0267	914mm (36") 12 teeth (SUITS: A19B*, A26B)	USA
372-0268	1067mm (42") 16 teeth (SUITS: A19B*, A26B)	USA
372-0269	1219mm (48") 18 teeth (SUITS: A19B*, A26B)	USA
NOTE: G.E.T IS NOT INTERCHANGEABLE WITH STD AUGER FLIGHTS * Provides acceptable performance		

AUGER: Industrial Bits – Replacement Teeth



Replacement Teeth & Hardware for INDUSTRIAL Auger Bits (Example left)			
CAT Part #	Description	Position	Avail.
371-3690	Flat Tooth (Standard)	Inner	CHECK MDC
371-3691	Flat Tooth (Carbide)	Inner	
371-3693	Flat Tooth (Hard Faced)	Inner	
371-3696	Chisel (Standard)	Inner	
371-3697	Chisel (Carbide)	Inner	
371-3698	Chisel (Hard Faced)	Inner	
371-3694	Gage	Outer	
371-3695	Gage (Hard Faced)	Outer	
Required Pilot Point Hardware			
7X-2549	Bolt (1)		CHECK MDC
6V-7687	Locknut (1)		

Pilot Bit assemblies

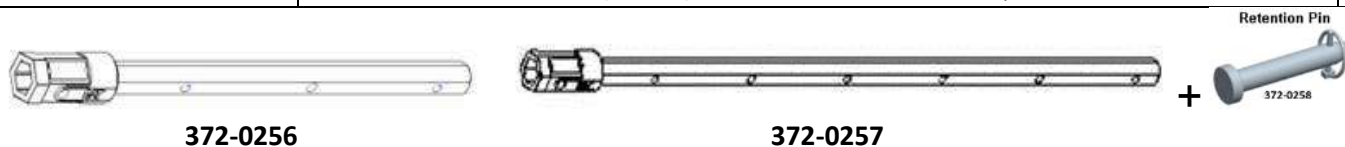
These can be interchanged in increase the cutting power of the auger flight



CAT Part #	Description	Avail.
153-4093	Standard Pilot	CHECK MDC
367-9769	HF Pilot	
367-9768	Carbide Tip Pilot	
367-9767	Rock tooth Pilot	
Required Pilot Point Hardware		
7X-2549	Bolt (1)	CHECK MDC
6V-7687	Locknut (1)	

AUGER BIT EXTENSIONS

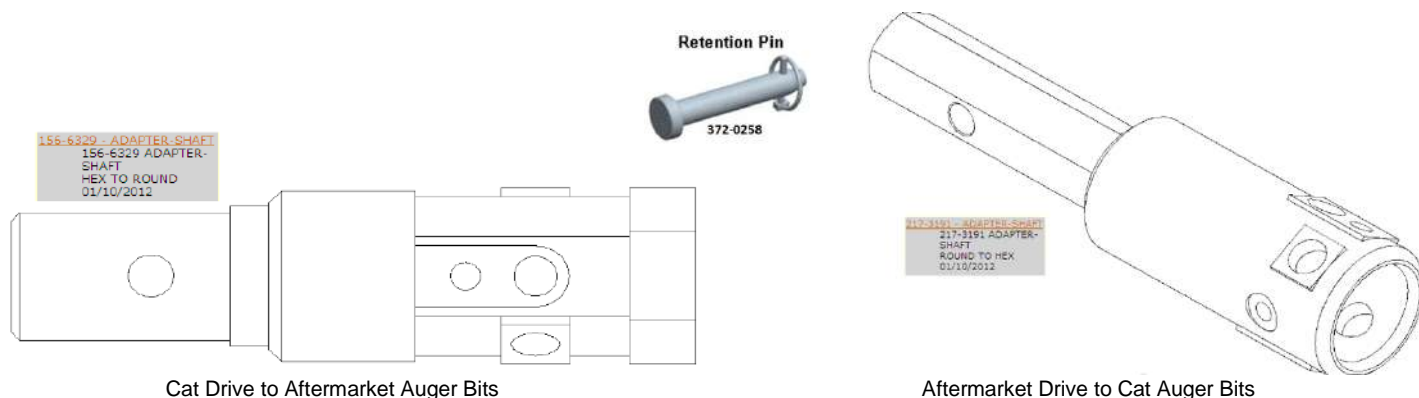
CAT Part #	Cat® Auger Extensions - Shaft: 50mm (2") HEX Please check machine lift height specifications and application to determine max depth.	Avail.
156-6328 + 372-0258	305mm (12") Extension 50mm Hex Shaft + Retention Pin	MDC
217-3192 + 372-0258	610mm (24") Extension 50mm Hex Shaft + Retention Pin	STORE
372-0256 + 372-0258	915mm (3ft) Multi-Fit Extension 50mm Hex Shaft + Retention Pin This Extension has holes at 1' (300mm) increments for intermediate depths.	STORE
372-0257 + 372-0258	1830mm (6ft) Multi-Fit Extension 50mm Hex Shaft + Retention Pin This Extension has holes at 1' (300mm) increments for intermediate depths.	STORE



AUGER ADAPTER BITS

CAT Part #	Cat® Auger Adapters For adapting Cat Auger Drive to aftermarket auger bits or Cat 50mm Hex bits to aftermarket Auger Drives	Avail.
156-6329 + 372-0258	Hex to Round bit adapter + Retention Pin For adapting aftermarket Auger bits to CAT drive unit	MDC
217-3191 + 372-0258	Round to Hex bit adapter + Retention Pin For adapting CAT Auger bits to aftermarket drive units	MDC

Note: CAT Side Diameter (HEX) 50mm - Aftermarket Diameter (Round) 65mm



Retention Pin:

CAT Part #	Cat® Quick Release Retention Pin Allows for quick release of auger bits to drive unit	Avail.
372-0258	Retention Pin	STORE



AUGER EPP: - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY

36 months / Unlimited hours from Delivery Date
Parts & Labour covered
Transferable within ANZ Region
*T's & C's Apply

EPP PART #	Suits: A7B / A14B / A19B / A26B	2018 PRICING (Ex GST)
86NSUU1220000 86NSUU3630200	A7B - 1 ST YEAR LABOUR + YEARS 2 & 3 PARTS & LABOUR	\$200
	A14B - 1 ST YEAR LABOUR + YEARS 2 & 3 PARTS & LABOUR	\$250
	A19B - 1 ST YEAR LABOUR + YEARS 2 & 3 PARTS & LABOUR	\$280
	A26B - 1 ST YEAR LABOUR + YEARS 2 & 3 PARTS & LABOUR	\$510
All EPP requests MUST be lodged with NSW Warranty Helpdesk . Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty		

Augers

The following major component categories are covered in the Auger EPP:

- 5904 – Motor
- 5904 – Gearbox (A19 & A26 Models)
- 6282 – Drive Group
- 4054 – Bearings

A19



A7/A14



A26



Additional Excluded Components from within Groups / Assemblies Noted Above

Bearings	Motor	Drive Group
• Spacer	• Bolts, Washers, Nuts	• Connecting Lines
• Plate	• Chassis, Hub, Retaining Ring	• Bolts, Washers, Nuts, and Pin
• Nut	• Seals, O-Rings, and Seal Kits	• Plate and Film
• Hub	• Sealant, Seal Oil, Plug, and Pin	• Bracket and Frame
• Shaft	• Housing and Grease Fitting	• Grease Fitting
• Grease Fitting	• Shaft	• Retaining Ring & Plate

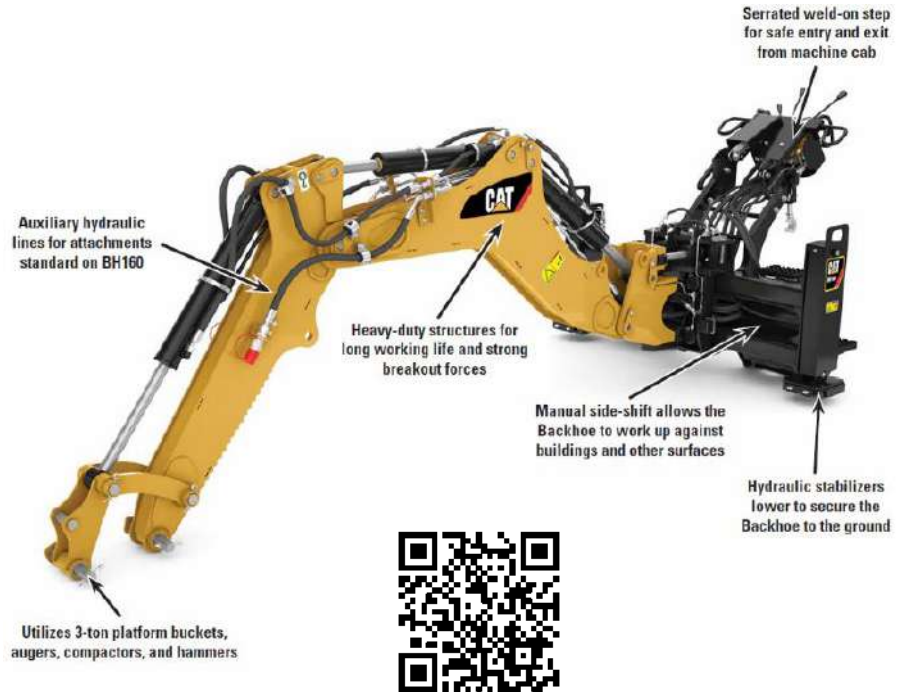
BACKHOE – SSL/CTL/MTL

The Backhoe Attachment allows SSL/MTL/CTL owners the versatility of owning two machines, while allow them to maximise the return of investment of one.

Cat® Backhoe attachment provides owners with a maximum digging depth of 3076mm with 192 degree of bucket rotation and 182 degree of boom swing

Optimum reach with breaking force of 3220kg.

The BH160 model with auxiliary hydraulics is able to operate work tools like augers, hammers, hydraulic thumbs, vibratory plate compactors & a quick coupler for added versatility.



Part #	Suits: 246D, 262D, 272D2, 272D2 XHP, 279D, 289D, 297D, 299D2, 299D2 XHP	AVAIL.
489-2110 345-5286 (WAS 444-3240) WRKSHP x 10hr	BH160 (WITH AUXILIARY LINES) Width: 1768mm (5.8ft) sideframe width, 3.05m (10ft) dig depth INCLUDES: 2 way proportional aux lines (to use hammers and augers) + Drive Group, SSL Mounting Group & Lines REQUIRES: Standard Flow Hydraulics REQUIRES: Removal of front door & Backhoe Mounting Group specific to machine model – see below	USA CHECK
	BH160 Backhoe Mounting Kit (Allow approx. 8hrs Installation) – Special Instruction - Media Number –REHS7842	USA CHECK

BH150/BH160 - COUPLER, BUCKETS & RIPPER:

Part #	Suits: BH150 / BH160 (Equiv. to: 303E CR / 303.5ECR / 303.5E2 CR / 304E CR / 304E2 CR)	AVAIL.
444-7494	COUPLER, PIN GRABBER, MANUAL, DUAL LOCK	MDC
154-2638	PINS, BUCKET 40MM (2 pins kit)	STORE
464-9900	BUCKET-HD, 305MM 0.05M3 (requires pins kit)	STORE
464-9901	BUCKET-HD, 406MM 0.07M3 (requires pins kit)	CHECK
464-9902	BUCKET-HD, 457MM 0.08M3 (requires pins kit)	STORE
464-9903	BUCKET-HD, 508MM 0.09M3 (requires pins kit)	MDC
464-9904	BUCKET-HD, 610MM 0.12M3 (requires pins kit)	STOCK
464-9905	BUCKET-HD, 762MM 0.16M3 (requires pins kit)	CHECK
464-9906	BUCKET-HD, 914MM 0.19M3 (requires pins kit)	USA
388-9663	BUCKET, 1200MM, MUD (INC PINS & BOCE)	STOCK
279-4325	BUCKET - TILTING, Ditch Cleaning, 1200MM (FOR USE WITH BH160 ONLY) Tilt: 45 degrees each way from horizontal INCLUDES: back grading edge and connecting lines REQUIRES: pins kit	CHECK
453-8570	RIPPER, GP 490MM (INC PINS)	MDC
NOTE: For Augers, Hammers, Compactors, etc to suit BH160 – use 303.5E sizing.		

BALE GRAB – SSL/CTL/MTL/CWL (NEW)

The Cat Bale Grabs are designed for grasping and carrying baled material. Bales of wheat, hay and other materials are easily transported for livestock feed, bedding, to and from bale wrapper and movement to storage. The Bale Grab firmly grasps baled materials but due to the rounded arm design no damage will take place to the bale. Offering the ability to pick up bales sitting flat or on their side the Bale Grab increases machine versatility.



Part #	Suits: 216 – 299D2 & 903-908M	Avail.
477-9896 WRKSHP x 1hr	BALE GRAB 1800mm (261kg) 1091 kg (2400 lb) Rated Capacity, 1803mm (71") working width INCLUDES: Hydraulic lines with 1/2" quick disconnects REQUIRES: Standard Flow Hydraulics	USA



Cat® Bale
Handling Solutions
(Alex Gajewski)

Part #	Suits: 216 – 299D2 & 903-908M	Avail.
489-0075 WRKSHP x 1hr	BALE GRAB 2130mm (263kg) 1091 kg (2400 lb) Rated Capacity, 2134mm (84") working width INCLUDES: Hydraulic lines with 1/2" quick disconnects REQUIRES: Standard Flow Hydraulics	USA

BALE SPEAR – SSL/CTL/MTL/CWL (NEW)

Cat® Bale Spears are designed to optimize stability of baled material when loading or carrying. The robust design of both frame and tines ensure long tool life and durability. Utilizing a tapered bearing within the frame and tine connection increases the security of the large load capacity tines to the frame. These Bale Spears are ideal for hay bales, both round and square as well as other baled material in agriculture applications.



SINGLE	Suits: 216 – 299D2 & 903-908M	Avail.
475-6074 WRKSHP x 1hr	BALE SPEAR - SINGLE 990mm (70kg) 1285mm (51") overall width, 1 x spear tine 990mm (39") long	USA
475-6079 WRKSHP x 1hr	BALE SPEAR - SINGLE 1245mm (72kg) 1285mm (51") overall width, 1 x spear tine 1245mm (49") long	USA



DUAL	Suits: 216 – 299D2 & 903-908M	Avail.
475-6070 WRKSHP x 1hr	BALE SPEAR - DUAL 990mm (118kg) 1285mm (51") overall width, 2 x spear tine 990mm (39") long	USA
475-6080 WRKSHP x 1hr	BALE SPEAR - DUAL 1245mm (121kg) 1285mm (51") overall width, 2 x spear tine 1245mm (49") long	MDC



BLADES: ANGLE - SSL/CTL/MTL

Angle Blades (4-way) – are designed for moving dirt, gravel and livestock waste. They are also ideal for finishing grade work in construction; they are limited in range of movement and are designed to move up & down, left to right,



Part #	Suits: 216B3, 226D, 232D, 236D. 242D, 246D, 249D, 259D, 262D (1676MM WIDE MACHINES)	Avail.
177-1989 WRKSHP x 1hr	ANGLE BLADE 1828MM (1685mm Fully Angled) (313kg) REQUIRES: Standard Flow Hydraulics Bolt-on Cutting Edge, 1 piece (Reversible) 614mm blade height Hydraulic Angling - 30 degree left or right of centre Includes - Hydraulic lines with quick disconnects, mounting bracket and hardware	MDC / USA
GET	BOCE: 135-9396 x 1 + (BOLTS: 159-2953 x 6) + (LOCKNUTS: 8T-4778 x 6)	

Part #	Suits: ALL SSL/CTL/MTL	Avail.
177-1990 WRKSHP x 1hr	ANGLE BLADE 2133MM (1949mm Fully Angled) (331kg) REQUIRES: Standard Flow Hydraulics Bolt-on Cutting Edge, 1 piece (Reversible) 614mm blade height Hydraulic Angling - 30 degree left or right of centre Includes - Hydraulic lines with quick disconnects, mounting bracket and hardware	MDC / USA
GET	BOCE: 195-5124 x 1 + (BOLTS: 159-2953 x 7) + (LOCKNUTS: 8T-4778 x 7)	

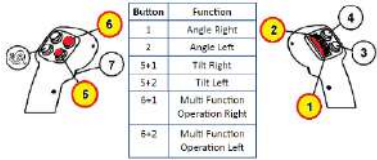



BLADES: DOZER - SSL/CTL/MTL


Dozer Blades are designed for rough & finish grading in dirt and gravel + light dozing applications where precision cuts are required. With their 6-way capabilities, dozer blades are better suited for finish grade work in construction and landscaping applications than angle blades. They are reinforced and are very strong.



NOTE: Machine must be fitted with a compatible 4-button LH work tool joystick and 14-pin electrical work- tool harnesses.



Part #	Suits: 216B3, 226D, 232D, 236D. 242D, 246D, 249D, 259D, 262D (1676MM WIDE MACHINES)	Avail.
424-0450 WRKSHP x 2hr	DOZER BLADE 6-WAY 2002MM (1750mm Fully Angled) (491kg) REQUIRES: Standard Flow Hydraulics, Work Tool 14-pin Electrical Harness & 4-button LH Joystick Bolt-on Cutting Edges, 3 piece (Reversible) 619mm blade height Hydraulic Angling - 30 degree left or right of centre Includes - Hydraulic lines with quick disconnects, mounting bracket and hardware <u>This model is better for SSL machines, for Track machines purchase the larger blade</u>	MDC / USA
OPTIONS		
GET	BOCE: 142-4914 x 1 + (RH) END BIT 6Y-5839 x 1 + (LH) END BIT 6Y-5840 x 1 + (BOLTS: 4F-3658 x 4) + (BOLTS: 3F-5108 x 10) + (LOCKNUTS: 4K-0367 x 14) + (WASHER: 5P-8247 x 14)	
156-1458	DUST COVER FOR 14-PIN ELECTRICAL SOCKET ON DOZER BLADE (HD34) 	MDC / STORE

Part #	Suits: ALL SSL/CTL/MTL	Avail.
424-0451 WRKSHP x 2hr	DOZER BLADE 6-WAY 2337MM (2049mm fully angled) (528kg) REQUIRES: Standard Flow Hydraulics, Work Tool 14-pin Electrical Harness & 4-button LH Joystick Bolt-on Cutting Edges, 3 piece (Reversible) 619mm blade height Hydraulic Angling - 30 degree left or right of centre Includes - Hydraulic lines with quick disconnects, mounting bracket and hardware <u>This model is better for Track machines to ensure that the blade covers the width of tracks.</u>	MDC / USA
OPTIONS		
GET	BOCE: 143-3088 x 1 + (RH END BIT 6Y-5839 x 1) + (LH END BIT 6Y-5840 x 1) + (BOLTS: 4F-3658 x 4) + (BOLTS: 3F-5108 x 13) + (LOCKNUTS: 4K-0367 x 17) + (WASHER: 5P-8247 x 17)	
156-1458	DUST COVER FOR 14-PIN ELECTRICAL SOCKET ON DOZER BLADE (HD34) 	MDC / STORE





BLADES: BOX BLADES - SSL/CTL/MTL

The CAT® Box Blade is designed for grading and levelling large commercial properties, housing pads, sheds, parking lots & areas of land including small roads too small for a motor grader to work. Two products sizes are available 2.1m and 2.4m and can either be operated manually or automatically through SITECH integrated Laser / GPS or UTS positioning systems.

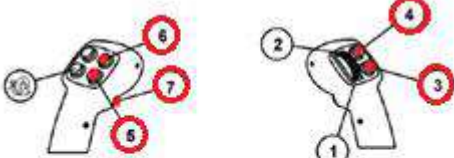
NOTE: Host machine will require the work tool harness, 4-btn RH & 2-btn + Roller LH joysticks to operate in manual mode. To operate in Automatic mode either CAT ACCUGRADE will need to be quoted & fitted via Sitech. This unit does not include any GPS or LASER equipment in its price.



Part #	Suits: ALL SSL / CTL / MTL	Avail.
489-2001 WRKSHP x 2hr	CAT® BB121 AccuGrade™ BOX BLADE 2.1m (907kg) TILT: 15 degrees RAISE: 127mm LOWER: 102mm BOCE: 2 reversible 1 piece BOCEs, with a CAT patented indication line to reverse/replace the BOCE. Hydraulic flow range: 50-90 l/min (Optimum: 30-85 L/min) Optimum Hydraulic Pressure: 140-170bar (2,031-2,466psi) FOR USE WITH: Standard Flow hydraulics REQUIRES: 14-pin Work Tool Harness Deluxe on machine (4 button left hand joystick & 2 button right hand joystick) EXCLUDED (to be ordered from SITECH): 2D Laser Grading or 3D GPS grading kit	MDC
156-1458	DUST COVER FOR 14-PIN ELECTRICAL SOCKET ON DOZER BLADE (HD34) 	MDC / STORE
GET	BOCE: 494-0650 x 2 + (BOLTS: 4F-3658 x 28) + (LOCKNUTS: 4K-0367 x 28) + (WASHER: 8T-4122 x 28) WING BOCE: 514-1414 x 2 + (BOLT: 290-3347 x 8) + (NUT: 8T-1757 x 8) + (WASHER: 8T-4122 x 8)	

Part #	Suits: ALL SSL / CTL / MTL	Avail.
489-2002 WRKSHP x 2hr	CAT® BB124 AccuGrade™ BOX BLADE 2.4m (975kg) TILT: 15 degrees RAISE: 127mm LOWER: 102mm BOCE: 2 reversible 1 piece BOCEs, with a CAT patented indication line to reverse/replace the BOCE. Hydraulic flow range: 50-90 l/min (Optimum: 30-85 L/min) Optimum Hydraulic Pressure: 140-170bar (2,031-2,466psi) FOR USE WITH: Standard Flow hydraulics REQUIRES: 14-pin Work Tool Harness Deluxe on machine (4 button left hand joystick & 2 button right hand joystick) EXCLUDED (to be ordered from SITECH): 2D Laser Grading or 3D GPS grading kit	MDC
156-1458	DUST COVER FOR 14-PIN ELECTRICAL SOCKET ON DOZER BLADE (HD34) 	MDC / STORE
GET	BOCE: 494-0651 x 2 + (BOLTS: 4F-3658 x 28) + (LOCKNUTS: 4K-0367 x 28) + (WASHER: 8T-4122 x 28) WING BOCE: 514-1414 x 2 + (BOLT: 290-3347 x 8) + (NUT: 8T-1757 x 8) + (WASHER: 8T-4122 x 8)	

BLADES continued....next page

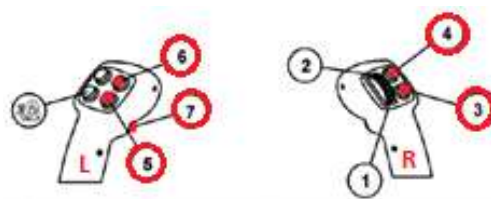


Button	Function in Manual Mode	Function in Automatic Mode
3	Lower – Machine Right Side	Decrement – Machine Right Side
4	Raise – Machine Right Side	Increment – Machine Right Side
5	Lower – Machine Left Side	Decrement – Machine Left Side
6	Raise – Machine Left Side	Increment – Machine Left Side
7	Engage Automatic	Return to Manual

*All descriptions are from the operator's perspective



BOX BLADE OPTIONS:



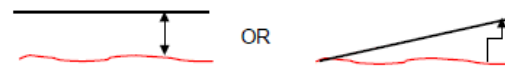
PART #	MACHINE ELECTRICAL / JOYSTICK UPGRADES	WORKSHOP HOURS	AVAIL.
	SUITS: 226D, 232D, 239D, 249D		
421-0265	WORK TOOL ELECTRICAL HARNESS (14pin) w' LEFT HAND 4-BUTTON JOYSTICK	5 HRS (DPO)	MDC
273-9104	RIGHT HAND JOYSTICK w'2 BUTTONS & THUMB ROLLER	2 HRS	STORE
	SUITS: 242D, 246D, 257D, 259D, 262D, 272D2, 279D, 289D		
388-8273	WORK TOOL ELECTRICAL HARNESS (14pin) w' LEFT HAND 4-BUTTON JOYSTICK	5 HRS (DPO)	MDC
273-9104	RIGHT HAND JOYSTICK w'2 BUTTONS & THUMB ROLLER	2 HRS	STORE

CAT® AccuGrade™ BOX BLADE TECHNOLOGY OPTIONS

The Box Blade is an AccuGrade Ready solution. It is the basic set-up to be used in 1D/2D Laser, GPS and UTS grading Technology. – Contact Sitech for Pricing, Availability & Fitting

BLADE SLOPE - LASER GUIDED SINGLE AXIS

Blade Slope or Single Elevation and Blade Slope

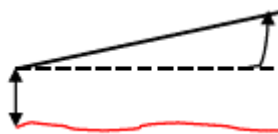


BLADE SLOPE - DUAL AXIS LASER GUIDED USING STANDARD FIXED MASTS

Dual slope control or slope & elevation control. High Levels of accuracy are achieved for flat, slope work and finished grading;

INSTALL: 1.5 DAYS

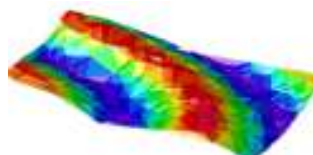
* POPULAR OPTION



SINGLE 3D GPS

GPS systems can be integrated with other machines on the job site and provide full grading capability. Line of sight to the sky is required for functionality of GPS systems. Standard Box Blade masts are upgraded to GPS suitable masts.

INSTALL: 2 DAYS

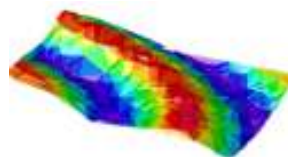


DUAL 3D GPS

GPS systems can be integrated with other machines on the job site and provide full grading capability. Line of sight to the sky is required for functionality of GPS systems. Standard Box Blade masts are upgraded to GPS suitable masts.

INSTALL: 2 DAYS

* POPULAR OPTION



Box Blade Production Study



Cat® Box Blade with 3D Trimble-review by Dirt Ninja

CAT EXTENDED WARRANTY

EPP PART #'s	Suits: ALL SSL/CTL/MTL/CWL	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date, Parts & Labour covered Transferable within ANZ Region, *T's & C's Apply	BB121 \$2190 BB124 \$2230

BROOMS - SSL/CTL/MTL

Cat® has three types of Brooms available for cleaning dirt and debris from streets, parking lots, driveways and construction sites. It is recommended that you quote a broom wider than the host machine unless specifically requested by the customer

- **Utility Broom** – Is a good Basic broom it sweeps and collects light debris. The broom can be adjusted for greater bristle down force in tough applications such as cold planer cuts. *This is our most popular broom*
- **Pickup Broom** – sweeps and deposits material into an integrated hopper bucket for easy removal and dumping. This broom can sweep in forward and reverse travel, it comes with an integrated jockey wheel to maximise payload distribution.
- **Angle Broom** – designed to operate best during forward operation of machine, they are used in a windrowing action to move loose debris forward and to the side of the surface being swept angled up to 30 degrees either side

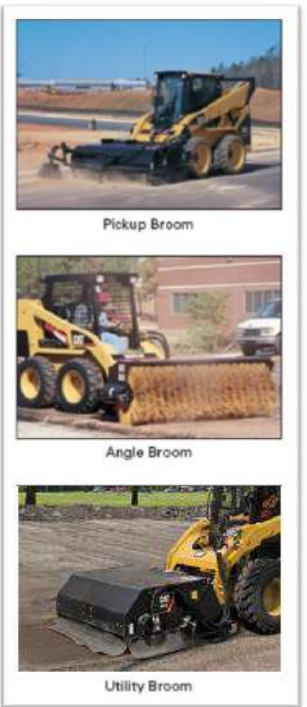
ONLY THE UTILITY BROOM AND PICK-UP BROOM WILL COLLECT MATERIAL

Cat® has three types of bristles to suit these brooms;

- Solid Polypropylene - for Lighter conditions
- Mixed Polypropylene/ Steel – for moderate cleaning conditions required to extend bush life.
- Solid Steel – Longest life while aggressive sweeping is required.

Broom Application Matrix

	Pickup Brooms	Utility Brooms	Angle Brooms
	BP15B, BP18B	BU115, BU118	BA18
Sweeping debris from a flat surface	✓	✓	✓
Collecting debris from a surface	✓	✓	
Side casting debris/material from a surface			✓
Sweeping coarse material from a cold planer cut		✓	
Optimum machine travel direction	Forward or Reverse	Forward or Reverse	Forward
Optimum brush/bristle rotation	Bi-directional	Bi-directional	Uni-directional Reverse rotation



Operation Tips

UTILITY BROOMS:

BU115	Suits: 216B3, 226D, 232D, 236D	Avail.
493-2258 WRKSHOP: 1.5	BU115 UTILITY BROOM (1510mm sweeping width) (439kg) Overall Width: 1810mm (71") Brush Diameter: 660mm (26") (<i>largest diameter in the market</i>) Brush material: 100% Polypropylene REQUIRES: Standard Flow Hydraulics INCLUDES: Broom, Lines & Fitted Bolt On Cutting Edge GP for BU115	MDC
BU118	Suits: 232D, 236D, 239D, 242D, 246D, 249D, 259D, 262D, 272D2, 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP	Avail.
493-2259 WRKSHOP: 1.5	BU118 UTILITY BROOM (1865mm sweeping width) (484kg) Overall Width: 2115mm (83") Brush Diameter: 660mm (26") (<i>largest diameter in the market</i>) Brush material: 100% Polypropylene REQUIRES: Standard Flow Hydraulics INCLUDES: Broom, Lines & Fitted Bolt On Cutting Edge GP for BU118	STORE

UTILITY BROOM OPTIONS: BU115 / BU118

PART #'s	Suits: ALL SSL/CTL/MTL	AVAIL.
242-7200 257-5229 INSTALL: 4hrs	GUTTER BRUSH (WIRE), B-SERIES for BU115/BU118 Add's approximately 231mm additional sweeping width to broom. 100% steel wire, Left or right side mount, All hydraulic lines included FOR USE WITH: BP15B, BP18B, BU115 or BU118 NOTE: 242-7200 Gutter Brush requires mounting kit 257-5229 when used on BU115 and BU118 Brooms. INCLUDES: Mounting kit & Hydraulic Lines Installation time: approx. 6.0 hours	 USA
256-9335 257-3140 (x4) INSTALL: 4hrs	WATER SPRAY KIT - UTILITY BROOM for BU115 / BU118 Work tool water sprinkling kit complete with sprinkler heads (4) hoses, mounting hardware and quick disconnects for effective dust control. INCLUDES: qty 4 x 257-3140 sprinkler mounting brackets & nozzles REQUIRES: Control, Work Tool, 14-pin Electrical (order with machine) REQUIRES: Water Tank (machine cab mounted or utility broom mounted)	 MDC
482-5132 INSTALL: 8hrs DPO	WATER TANK for D-SERIES MACHINES Cab mounted water tank, capacity 160 Litres FOR USE WITH: D-series machines INCLUDES: tank, pump, filter, lines, mounting brackets & quick disconnect REQUIRES: Water Sprinkler Kit on Attachment (Refer media# SEHS0363)	 MDC/ USA
304-9870 375-6445 INSTALL: 5hrs	BROOM MOUNTED WATER TANK KIT for BU115 / BU118 Broom mounted water tank - 110 litres for BU115 & BU118 INCLUDES: tank, pump, filter, electrics, hose, & mounting hardware + 8 to 14 pin electrical jumper harness conversion REQUIRES: Joystick Control, 14-pin Work Tool Electrical (order with machine)	 MDC/ USA
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY FOR BU115 / BU118* 36 months / Unlimited hours from Delivery Date Parts & Labour covered Transferable within ANZ Region *T's & C's Apply Utility Broom The following major component categories are covered in the Utility Broom EPP: <ul style="list-style-type: none"> • Brush Group Housing Assembly • Brush Group Bearing • Motor Group – Gerotor • Hardware related to above components 	2018 (Ex GST) BU115 \$530 BU118 \$570
All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty		

PICKUP BROOMS:



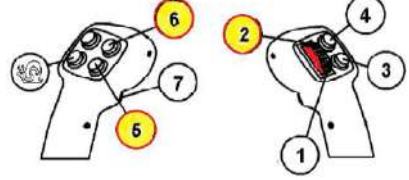
BP115C	Suits: 216B3*^, 226D*, 232D*, 236D, 242D * = Lift restricted ^ = Extra counter weight required	Avail.
448-5680 WRKSHOP: 1hr	BP115C PICKUP BROOM (1524mm sweeping width) (239kg) 1990mm (78") overall width, 1524mm (60") working width 660mm (26") brush diameter with adjustable brush height. Brush material - 50% polypropylene / 50% steel wire INCLUDES: Hydraulic lines with 1/2" quick disconnects and brush frame chains REQUIRES: Standard Flow Hydraulics	MDC
BP118C	Suits: 236D*, 239D*, 246D, 249D*, 259D, 262D, 272D2, 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP * = lift restricted	Avail.
448-5690 WRKSHOP: 1hr	BP118C PICKUP BROOM (1829mm sweeping width) (259kg) 2295mm (90") overall width, 1829mm (72") working width 660mm (26") brush diameter with adjustable brush height. Brush material - 50% polypropylene / 50% steel wire INCLUDES: Hydraulic lines with 1/2" quick disconnects and brush frame chains REQUIRES: Standard Flow Hydraulics	MDC

PICKUP BROOM OPTIONS: BP115C / BP118C

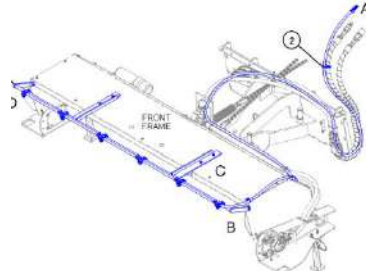

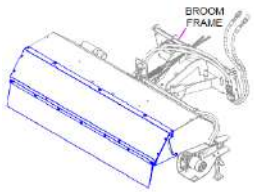
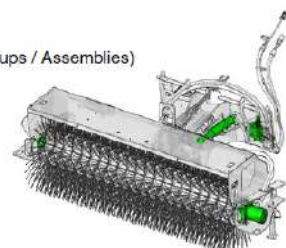
PART #	Suits: ALL SSL/CTL/MTL	AVAIL.
452-4150 INSTALL: 6hrs	GUTTER BRUSH (WIRE), C-SERIES for BP115C/BP118C 100% steel wire Left or right side mount All hydraulic lines included INCLUDES: motor, brackets, assembled hoses, and fittings Installation time: 6.0 hours, instructions see REHS8313	USA
452-4185 INSTALL: 4hrs	WATER SPRAY KIT for BP115C / BP118C INCLUDES 2 sprinkler heads, hoses, hardware and quick disconnects FOR USE WITH: BP115C and BP118C REQUIRES: Machine Mounted Water Tank, Control, Work Tool, 14-pin Electrical (order with machine)	USA KIT MADE-TO-ORDER
482-5132 INSTALL: 19hrs	WATER TANK for D-SERIES MACHINES Cab mounted water tank, capacity 160 Litre (42 US gallons) FOR USE WITH: D-series machines INCLUDES: tank, pump, filter, lines, mounting brackets & quick disconnect REQUIRES: Water Sprinkler Kit on Attachment For installation see media number SEHS0363 (approx.. 19.5 hours)	MDC / USA
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY FOR BP115C / BP118C* 36 months / Unlimited hours from Delivery Date Parts & Labour covered Transferable within ANZ Region *T's & C's Apply <u>Pickup Broom</u> The following major component categories are covered in the Pickup Broom EPP: <ul style="list-style-type: none"> • Drive Motor Group • Drum Bearing • Hardware related to above components 	2018 (Ex GST) BP115C \$660 BP118C \$720
All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty		

ANGLE BROOM:



PART #	Suits: 216B3, 226D, 232D, 236D, 239D, 242D, 246D, 249D, 259D, 262D, 272D2, 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP	Avail.
448-5670 WRKSHOP: 1.5	BA118C HYDRAULIC ANGLE BROOM (up to 30 degrees angling) (401kg) 2637mm (104") overall width Sweeping width – Straight: 2119mm (82") Sweeping width – Angled 1849mm (73") Brush Diameter 815mm (32") (50% polypropylene / 50% steel wire) INCLUDES: Hydraulic lines with 1/2" quick disconnects, mounting bracket & 14in electrical harness REQUIRES: Standard Flow Hydraulics REQUIRES: Work Tool Harness and 4 button left hand joystick on machine 	MDC

ANGLE BROOM OPTIONS:

PART #	Suits: ALL SSL/CTL/MTL	AVAIL.
452-4175 INSTALL: 3hrs	Cat® BA118C Water Sprinkler Kit Work tool water sprinkling kit complete with sprinkler heads (6), hoses, mounting hardware, and quick disconnects for effective dust control FOR USE WITH: 448-5660 or 448-5670 BA118C Brooms REQUIRES: Control, Work Tool, Electrical (order with machine) REQUIRES: Water Tank, Machine) NOTE: Not compatible with 452-4200 KIT, DEFLECTOR, BA118C Installation time: 3.0 hours, instructions see REHS8314 	USA
482-5132 INSTALL: 19hrs	WATER TANK for D-SERIES MACHINES Cab mounted water tank, capacity 160 Litre (42 US gallons) FOR USE WITH: D-series machines INCLUDES: tank, pump, filter, lines, mounting brackets & quick disconnect REQUIRES: Water Sprinkler Kit: Angle/Pick Up/Utility Broom For installation see media number SEHS0363 (approx.. 19.5 hours) 	MDC
452-4200 INSTALL: 3hrs	Angle Broom Deflector Kit - BOLT-ON HOOD EXTENSION & RUBBER FLAP INCLUDES: steel cowl extension, rubber debris deflector flap, and mounting hardware FOR USE WITH: 448-5660 or 448-5670 BA118C Brooms NOTE: Not compatible with 452-4175 KIT, WATER SPRINKLER, BA118C Installation time: 3.0 hours, instructions see REHS8317 	Check
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY FOR BA118C* 36 months / Unlimited hours from Delivery Date Parts & Labour covered (years 2&3) Transferable within ANZ Region *T's & C's Apply Angle Broom (Hydraulic & Manual) (effective 01Jan2015) The following major component categories are covered in the Angle Broom EPP: <ul style="list-style-type: none"> • Drive Motor Group • Drum Bearing • Hydraulic Angle Broom: Control Manifold Group (to include Valve Groups / Assemblies) • Hydraulic Angle Broom: Hydraulic Cylinder Group • Hardware related to above components 	2018 (Ex GST) BA118C \$860

All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly.
 Need to provide supply doc #, Work Tool Serial # & Customer contact details. **Note:** No Helpdesk, No Warranty

BRUSHCUTTERS - SSL/CTL/MTL

Cat® Brushcutters are used for clearing overgrowth from highway median strips, easements, parks and general landscaping around large properties.

The product features high strength blade, reinforced frame and skids. It comes standard with Cat® XT-3ES Hoses.

NOTE: When matching up a Brushcutter to a machine a Brushcutter should always be just wider than the machine to protect the Tyres or Belts when traveling through dense material.

Polycarbonate Door, Engine Debris Kit and Turbo Debris Guard Kit are recommended to use in applications which create airborne debris, such as: mulching, brush cutting, paper recycling and certain agriculture practices.



BR160	Suits: 216B3, 226D, 232D, 239D, 249D STANDARD FLOW	Avail.
264-9500 WRKSHOP: 1.5	Brushcutter BR160 1524mm (60") Cutting Width (193kg) Working Width: 1524mm (Overall Width: 1575mm) Hydraulic flow range: 57-65 L/min Hydraulic pressure range: 150-230 bar (2,176-3,340 psi) REQUIRES: Standard Flow Hydraulics (Less than 80 L/min) INCLUDES: Brushcutter, Lines & Connectors NOTE: Operator Protection against flying objects RECOMMENDED	MDC
264-9451	SPARE BLADE SET (2 BLADES)	

BR166	Suits: 232D, 236D, 239D, 242D, 246D, 249D, 259D, 262D, 272D2, 279D, 299D2 STANDARD FLOW	Avail.
264-9600 WRKSHOP: 1.5	Brushcutter BR166 1676mm (66") Cutting Width (463kg) Working Width: 1676mm (Overall Width: 1727mm) Hydraulic flow range: 57-80 L/min Hydraulic pressure range: 150-230 bar (2,176-3,340 psi) REQUIRES: Standard Flow Hydraulics INCLUDES: Brushcutter, Lines & Connectors NOTE: Operator Protection against flying objects RECOMMENDED	MDC
264-9551	SPARE BLADE SET (2 BLADES)	

BR172	Suits: 232D, 236D, 239D, 242D, 246D, 249D, 259D, 262D, 272D2, 279D, 299D2 STANDARD FLOW	Avail.
264-9400 WRKSHOP: 1.5	Brushcutter BR172 1829mm (72") Cutting Width (496kg) Working Width: 1829mm (Overall Width: 1880mm) Hydraulic flow range: 57-80 L/min Hydraulic pressure range: 150-230 bar (2,176-3,340 psi) REQUIRES: Standard Flow Hydraulics INCLUDES: Brushcutter, Lines & Connectors NOTE: Operator Protection against flying objects RECOMMENDED	STORE / MDC
264-9351	SPARE BLADE SET (2 BLADES)	

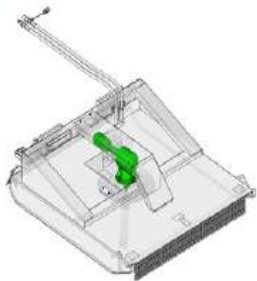
BR272	Suits: 226D, 239D, 249D, 279D, 299D2 XPS HIGH FLOW OR HIGH FLOW XPS	Avail.
424-0435 WRKSHOP: 1.5	Brushcutter BR272 HF 1829mm (72") Cutting Width (508kg) Working Width: 1829mm (Overall Width: 1880mm) Hydraulic flow range: 76-100 L/min Hydraulic pressure range: 150-230 bar (2,176-3,340 psi) REQUIRES: 100-104 LPM High flow hydraulics INCLUDES: Brushcutter, hydraulic lines with 1/2" quick disconnects, mounting bracket, 14-pin HF Jumper Plug NOTE: Operator Protection against flying objects RECOMMENDED	MDC / USA
264-9351	SPARE BLADE SET (2 BLADES)	

BRUSHCUTTERS: ...cont.

BR378	Suits: 246D, 262D, 272D2, 279D, 289D 299D2, 299D2 XPS HIGH FLOW XPS	Avail.
424-0436 WRKSHOP: 1.5	Brushcutter BR378 HF, XPS 1981mm (78") Cutting Width (535kg) Working Width: 1982mm (Overall Width: 2032mm) Hydraulic flow range: 76-130 L/min High Flow or High Flow XPS option on machine. Hydraulic pressure range: 150-280 bar (2,176-4,065 psi) REQUIRES: kit 382-6192 for D series with XHP and prefix NLC/SHY INCLUDES: Brushcutter, hydraulic lines with 1/2" quick disconnects, mounting bracket, 14-pin electrical HF Jumper Plug NOTE: Operator Protection against flying objects RECOMMENDED	MDC / USA
264-9051	SPARE BLADE SET (2 BLADES)	

NOTE: Polycarbonate Door, Engine Debris Kit and Turbo Debris Guard Kit are recommended to use in Applications which create airborne debris, such as: mulching, brush cutting, paper recycling and certain agriculture practices. Please refer to "DEBRIS PROTECTION & GUARD KITS" pages of source guide for part numbers.

BRUSHCUTTER OPTIONS:

EPP PART #'s	CAT BRUSHCUTTER EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	<p>EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY FOR BRUSHCUTTERS*</p> <p>36 months / Unlimited hours from Delivery Date Parts & Labour covered (years 2&3) Transferable within ANZ Region *T's & C's Apply</p> <p>The following major component categories are covered in the Brushcutter EPP:</p> <ul style="list-style-type: none"> • Drive Group and related Hardware <p><u>Additional Excluded Components from within Groups</u></p> <ul style="list-style-type: none"> • Blade Mounting Pin • Carrier Assembly • Blade <p><u>General Component Exclusions</u></p> <p>The components listed below, and resultant damage due to failure of these components, are excluded from EPP coverage for all Work Tools identified within this bulletin:</p> <ul style="list-style-type: none"> • Wear parts including (but not limited) to Blades, Teeth, Tips, Cutting edges, Bristles, etc. • Plates and Covers • Hydraulic Hoses / Groups • Seals, O-Rings, and Gaskets (and Related Groups or Kits) • Grease Fittings • Plugs / Ports / Related Assemblies • Bolt Studs 	<p>BR160 \$540</p> <p>BR166 \$560</p> <p>BR172 \$600</p> <p>BR272 \$670</p> <p>BR378 \$700</p>

All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. **Note:** No Helpdesk, No Warranty

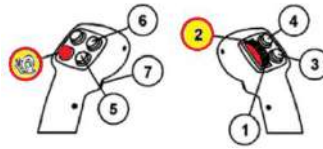


Brushcutter Operating Tips



BRUSHCUTTER INDUSTRIAL - SSL/CTL/MTL

The Industrial Brushcutter has been developed to withstand rugged clearing applications and provide cutting capability up to 200 mm (8 in) diameter material. High levels of production are possible with the use of Standard Flow, High Flow XPS, & HF XHP.



NOTE: Polycarbonate Door, Engine Debris Kit and Turbo Debris Guard Kit are RECOMMENDED to use in Applications which create airborne debris, such as: mulching, brush cutting, paper recycling and certain agriculture practices.

Please refer to "DEBRIS PROTECTION & GUARD KITS" pages of source guide for part numbers.

PART #	Suits: 259D*, 262D*, 272D2, 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP *Compatible but lift restrictions apply. Max machine counterweights required. STANDARD FLOW	Avail.
523-5560 WRKSHOP: 1.5	BRX118 Industrial Brushcutter 1829mm - STND FLOW (1072kg) Hardox 500 equivalent blades (C52) Working Width: 1829mm (Overall Width: 1911mm) Hydraulic flow range: 76-87 L/min Hydraulic pressure range: 230 bar (3,330 psi) INCLUDES: 3 x hydraulic lines with 1/2" quick disconnects (incl case drain) & mounting bracket REQUIRES: Standard Flow Hydraulics & Case Drain	MDC / USA

PART #	Suits: 259D*, 262D*, 272D2, 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP *Compatible but lift restrictions apply. Max machine counterweights required. HIGH FLOW XPS	Avail.
523-5570 WRKSHOP: 1.5	BRX318 Industrial Brushcutter 1829mm - HF XPS (1072kg) Hardox 500 equivalent blades (C52) Working Width: 1829mm (Overall Width: 1911mm) Hydraulic flow range: 100-125 L/min HF or HF XPS. Hydraulic pressure range: 280 bar (4,060 psi) INCLUDES: hydraulic lines with 1/2" quick disconnects, mounting bracket, 14-pin electrical HF Jumper Plug	MDC / USA

PART #	Suits: 272D2 XHP, 299D2 XHP HIGH FLOW XHP	Avail.
523-5580 WRKSHOP: 1.5	BRX418 Industrial Brushcutter – 1829mm HF XHP (1072kg) Hardox 500 equivalent blades (C52) Working Width: 1829mm (Overall Width: 1911mm) Hydraulic flow range: 150-155 L/min XHP Hydraulics on machine. Hydraulic pressure range: 280 bar (4,060 psi) INCLUDES: Hydraulic lines with 1/2" quick disconnects, mounting bracket, 14-pin electrical XHP Jumper Plug	MDC / USA

INDUSTRIAL BRUSHCUTTER OPTIONS:

PART #	Suits: 259D, 262D, 272D2, 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP	AVAIL
523-5578	SPARE BLADE SET (4 BLADES) 	USA
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY * 36 months / Unlimited hours from Delivery Date Parts & Labour covered (years 2&3) Transferable within ANZ Region *T's & C's Apply 	2018 (Ex GST) BRX118 \$1560 BRX318 \$1610 BRX418 \$1610

All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly.
Need to provide supply doc #, Work Tool Serial # & Customer contact details. **Note:** No Helpdesk, No Warranty

BUCKETS MULTIPURPOSE – SSL/CTL/MTL

Cat® Multi-purpose buckets with spill guards for SSL/CTL/MTL with a Universal SSL interface. These versatile buckets are used for a variety of applications including back dragging, agricultural and jobs that require good visibility to the bucket edge while unloading or trench filling. The buckets can be fitted with either a BOCE, Teeth or for high wear applications a Tooth bar which integrates a cutting edge with bucket teeth.



1576mm	Suits: 216B3, 226D, 232D (0.30 m3 Heaped Capacity)	Avail.
431-5570	MP BUCKET 1576mm (62") BOCE INCLUDES: 1 piece Bolt-on cutting edge (393kg)	USA
423-4287	MP BUCKET 1576mm (62") BOLT ON TEETH INCLUDES: 8 Single Strap Bolt On Uniteeth (378kg)	STORE / USA
GET	BOCE: 135-9384 x 1 + (BOLTS: 159-2953 x 8) + (LOCKNUTS: 8T-4778 x 8) TEETH: 132-4720 x 8 + (BOLTS: 246-4349 x 16) + (LOCKNUTS: 8T-4778 x 16)	

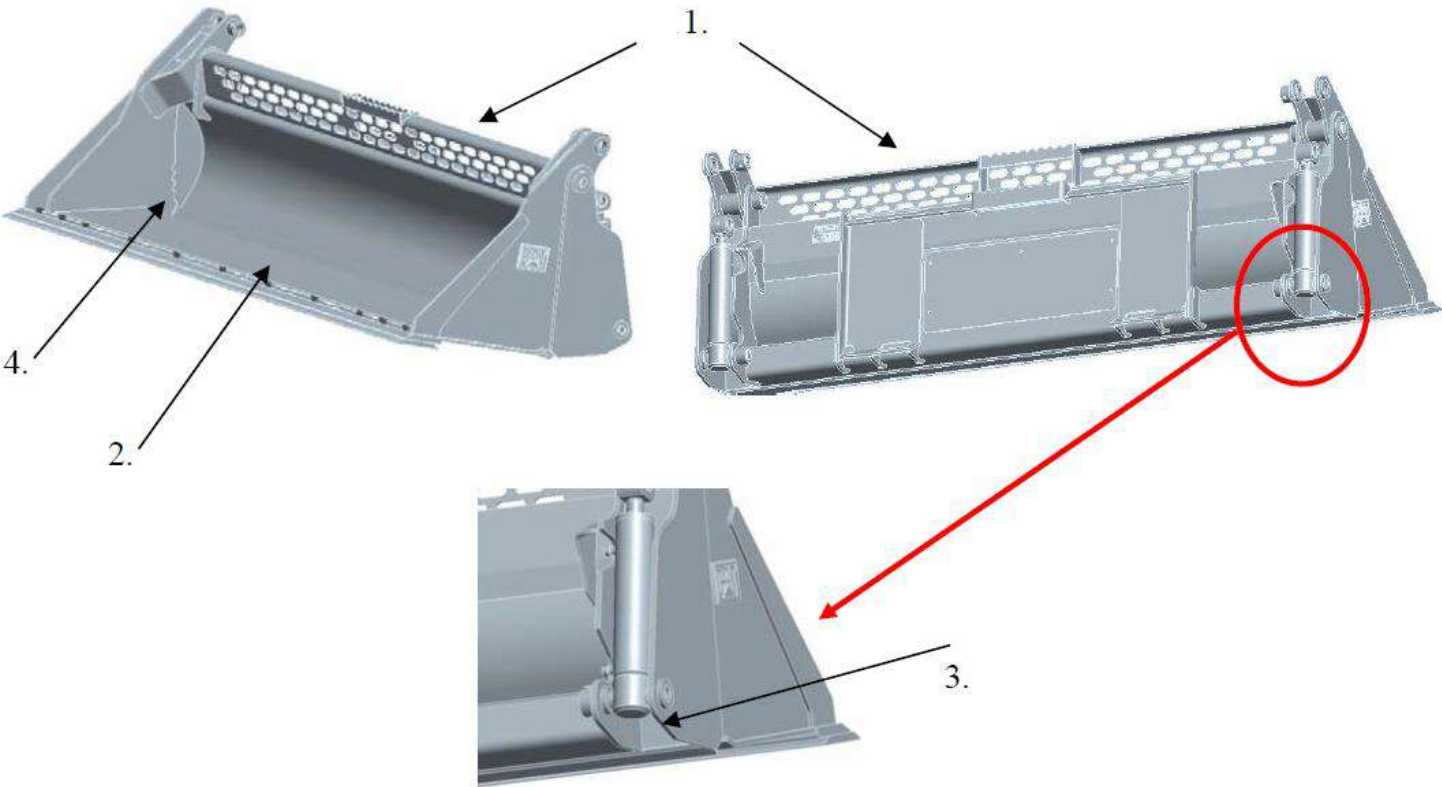
1730mm	Suits: 236D, 239D, 242D, 246D, 249D, 259D, 262D (0.34 m3 Heaped Capacity)	Avail.
426-6490	MP BUCKET 1730mm (68") BOCE INCLUDES: 1 piece Bolt-on cutting edge (419kg)	MDC
426-6487	MP BUCKET 1730mm (68") BOLT ON TEETH INCLUDES: 8 Single Strap Bolt On Uniteeth (402kg)	SUNDRY / USA
GET	BOCE: 135-9395 x 1 + (BOLTS: 159-2953 x 8) + (LOCKNUTS: 8T-4778 x 8) TEETH: 132-4720 x 8 + (BOLTS: 246-4349 x 16) + (LOCKNUTS: 8T-4778 x 16)	

1883mm	Suits: 272D2, 272D2 XPS (0.37 m3 Heaped Capacity)	Avail.
426-6536	MP BUCKET 1883mm (74") BOCE INCLUDES: 1 piece Bolt-on cutting edge (445kg)	SUNDRY / MDC
426-6535	MP BUCKET 1883mm (74") BOLT ON TEETH INCLUDES: 8 Single Strap Bolt On Uniteeth (424kg)	SUNDRY / USA
GET	BOCE: 135-9396 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11) TEETH: 132-4720 x 8 + (BOLTS: 246-4349 x 16) + (LOCKNUTS: 8T-4778 x 16)	

2036mm	Suits: 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP (0.40 m3 Heaped Capacity)	Avail.
426-6548	MP BUCKET 2036mm (80") BOCE INCLUDES: 1 piece Bolt-on cutting edge (470kg)	USA
426-6547	MP BUCKET 2036mm (80") BOLT ON TEETH INCLUDES: 8 Single Strap Bolt On Uniteeth (448kg)	SUNDRY / USA
GET	BOCE: 135-9397 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11) TEETH: 132-4720 x 9 + (BOLTS: 246-4349 x 18) + (LOCKNUTS: 8T-4778 x 18)	

BUCKETS MULTIPURPOSE – SSL/CTL/MTL....cont

2188mm	Suits: 272D2, 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP (0.43 m3 Heaped Capacity)	Avail.
426-6558	MP BUCKET 2188mm (86") BOCE INCLUDES: 1 piece Bolt-on cutting edge (495kg)	USA
426-6557	MP BUCKET 2188mm (86") BOLT ON TEETH INCLUDES: 8 Single Strap Bolt On Uniteeth (471kg)	USA
GET	BOCE: 195-5124 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11) TEETH: 132-4720 x 9 + (BOLTS: 246-4349 x 18) + (LOCKNUTS: 8T-4778 x 18)	



IMPROVED FEATURES	
1	SPILL GUARD – Improves material retention & protects coupler from material spills
2	THICKER CLAM & HIGHER STRENGTH STEEL – Addresses ‘smiling’ issues of previous series buckets
3	IMPROVED DESIGN AT CYLINDERS – Reduces material build up to prevent cylinder breakages
4	SERRATED SIDE EDGE OF CLAM – Better gripping surface for all types of material
	CLAM JAW OPENS A FULL 89 DEGREES – Allows the bucket to be used as a dozing blade
	LOW BACK HEIGHT PROFILE – Excellent visibility to the front cutting edge, front corners & overall

BUCKETS GENERAL PURPOSE - SSL/CTL/MTL

General Purpose Buckets

Ideal for digging, loading, carrying, levelling, grading and dumping in agricultural, industrial and rental applications in more aggressive job site requirements



1576mm	Suits: 216B3, 226D, 232D (0.36 m3 Heaped Capacity)	Avail.
279-5365	GP BUCKET 1576mm (62") BOCE (1 piece) (203kg)	MDC
279-5366	GP BUCKET 1576mm (62") TEETH (8 Uniteeth) (203kg)	USA
GET	BOCE: 135-9384 x 1 + (BOLTS: 159-2953 x 8) + (LOCKNUTS: 8T-4778 x 8) TEETH: 132-4720 x 8 + (BOLTS: 246-4349 x 16) + (LOCKNUTS: 8T-4778 x 16)	

1730mm	Suits: 236D, 239D, 242D, 246D, 249D, 259D, 262D (0.40 m3 Heaped Capacity)	Avail.
279-5369	GP BUCKET 1730mm (68") BOCE (1 piece) (254kg)	MDC
279-5370	GP BUCKET 1730mm (68") TEETH (8 Uniteeth) (254kg)	USA
GET	BOCE: 135-9395 x 1 + (BOLTS: 159-2953 x 8) + (LOCKNUTS: 8T-4778 x 8) TEETH: 132-4720 x 8 + (BOLTS: 246-4349 x 16) + (LOCKNUTS: 8T-4778 x 16)	

1883mm	Suits: 272D2, 272D2 XPS (0.44 m3 Heaped Capacity)	Avail.
279-5373	GP BUCKET 1883mm (74") BOCE (1 piece) (271kg)	MDC
279-5374	GP BUCKET 1883mm (74") TEETH (8 Uniteeth) (271kg)	USA
GET	BOCE: 135-9396 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11) TEETH: 132-4720 x 8 + (BOLTS: 246-4349 x 16) + (LOCKNUTS: 8T-4778 x 16)	

2036mm	Suits: 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP (0.48m3 Heaped Capacity)	Avail.
279-5377	GP BUCKET 2036mm (80") BOCE (1 piece) (286kg)	MDC
279-5378	GP BUCKET 2036mm (80") TEETH (9 Uniteeth) (286kg)	USA
GET	BOCE: 135-9397 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11) TEETH: 132-4720 x 9 + (BOLTS: 246-4349 x 18) + (LOCKNUTS: 8T-4778 x 18)	

2188mm	(0.63m3 Heaped Capacity)	
296-8192	GP BUCKET 2188mm (86") BOCE (1 piece) (328kg)	MDC/USA
296-8191	GP BUCKET 2188mm (86") TEETH (9 Uniteeth) (328kg)	USA
GET	BOCE: 195-5124 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11) TEETH: 132-4720 x 9 + (BOLTS: 246-4349 x 18) + (LOCKNUTS: 8T-4778 x 18)	

NOTE: Due to limited availability of the GP Buckets with teeth in AUS, recommended to source the BOCE version and fit teeth instead.

BUCKETS LIGHT MATERIAL - SSL/CTL/MTL

Ideal for loading, carrying, dumping and handling light, loosely packed material, such as grain, mulch, hay, wood chips, fertilizer and snow, in agricultural and landscaping applications.

- RIGID BUCKET FLOOR

Underside support straps to elongate the life of the bucket and ensure minimal wear to the wrapper sheet.

- INTEGRATED STEP

Side of the bucket step ensures safe entry and exit from the machine cab without having to step over the centre of the Work Tool.

- TORQUE TUBE FOR INCREASED RIGIDITY

A large torque tube located on the back side of the bucket ensures that it can withstand machine forces and large capacity loads.

- VISIBILITY HONEYCOMB

Located above the Torque Tube structural support, the honeycomb visibility section allows the operator to easily view the cutting edge to ensure accurate placement and loading.



1883mm	Suits: 216 - 299D2 XHP	Avail.
279-5420	LIGHT MATERIAL BUCKET 1883mm (74") BOCE (0.69m3 Heaped Capacity) (303kg) INCLUDES: 1 piece Bolt-on cutting edge	USA
GET	BOCE: 135-9396 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11)	

2036mm	Suits: 216 - 299D2 XHP	Avail.
279-5425	LIGHT MATERIAL BUCKET 2036mm (80") BOCE (0.75m3 Heaped Capacity) (303kg) INCLUDES: 1 piece Bolt-on cutting edge	USA
GET	BOCE: 135-9397 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11)	

2188mm	Suits: 216 - 299D2 XHP	Avail.
279-5430	LIGHT MATERIAL BUCKET 2188mm (86") BOCE (0.84m3 Heaped Capacity) (303kg) INCLUDES: 1 piece Bolt-on cutting edge	USA
GET	BOCE: 195-5124 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11)	

2490mm	Suits: 216 - 299D2 XHP	Avail.
296-7597	LIGHT MATERIAL BUCKET 2490mm (98") BOCE (0.93m3 Heaped Capacity) (303kg) INCLUDES: 1 piece Bolt-on cutting edge	USA
GET	BOCE: 296-7602 x 1 + (BOLTS: 159-2953 x 13) + (LOCKNUTS: 8T-4778 x 13)	



BUCKETS SKELETON - SSL/CTL/MTL (NEW)

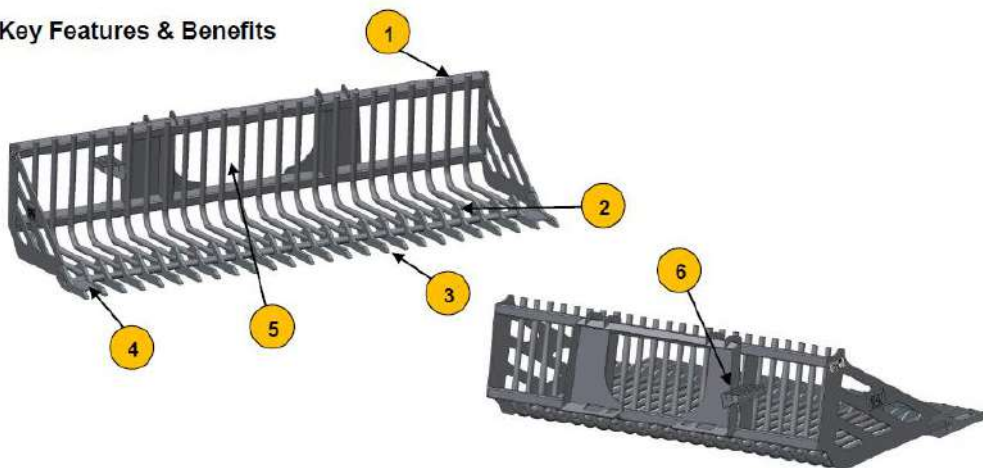
ARRIVING IN AUST FROM AUG 2018

Caterpillar is pleased to announce the availability of the Skeleton Bucket also known as a rock bucket, stone fork and root rake for SSL / CTL / MTL & Compact Wheel Loaders. These versatile buckets support the Skid Steers in a variety of applications including agriculture, general construction, demolition, landscaping and scrap handling segments. The skeleton bucket is an ideal attachment for a range of tasks from screening larger debris to reclaiming rock and landscaping materials buried by sediment material.



2020mm	Suits: ALL SSL/CTL/MTL	Avail.
549-6561	SKELETON BUCKET 2020mm (79") HEIGHT: 644mm LENGTH: 1199mm TINE SPACING: 63.5mm ROD TINE THICKNESS: 32mm NUMBER OF TINES: 20 ROD TINE WELDED TEETH: 400 Brinell Steel	(336kg) AUG-2018 MDC / USA
2210mm	Suits: 236D – 299D2	Avail.
549-6563	SKELETON BUCKET 2210mm (87") HEIGHT: 644mm LENGTH: 1199mm TINE SPACING: 63.5mm ROD TINE THICKNESS: 32mm NUMBER OF TINES: 22 ROD TINE WELDED TEETH: 400 Brinell Steel	(363kg) AUG-2018 MDC / USA
2400mm	Suits: 272D - 299D2	Avail.
549-6565	SKELETON BUCKET 2400mm (95") HEIGHT: 644mm LENGTH: 1199mm TINE SPACING: 63.5mm ROD TINE THICKNESS: 32mm NUMBER OF TINES: 24 ROD TINE WELDED TEETH: 400 Brinell Steel	(390kg) AUG-2018 MDC / USA

Key Features & Benefits

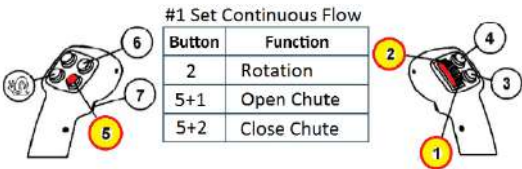


	Features	Benefits
1	Thick Diameter Rods	Thick, 32 mm (1.25 in) diameter rods are very durable and well suited to handle larger rocks
2	Rock Dam	Improves material retention by reducing spillage which leads to increases in productivity
3	Rod Tine Points	16 mm (5/8 in) thick rod tine points made of 400 Brinnell Steel improve breakout forces by initially separating rock from soil more efficiently than a cutting edge
4	Welded Gusset	Gussets welded between two rod tine points prevents bucket corners from yielding
5	Wide Tine Spacing	64 mm (2.5 in) tine spacing allows for quick material separation
6	Serrated Safety Step	Easy ingress and regress from cab

BUCKETS CEMENT MIXING – SSL/CTL/MTL/CWL

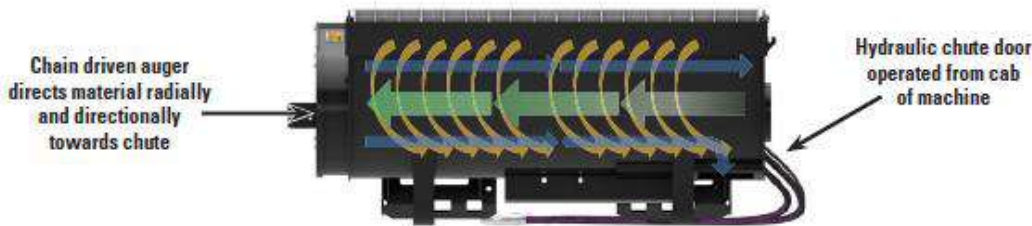
Designed for material mixing in a variety of applications. Two models are available; 200 litre & 250 litre which efficiently and safely complete any mixing job. The Cat Mixing Buckets allow work to be completed in difficult to access areas, improving productivity and saving on transportation costs. Available with rigid and flexible chutes, the mixing buckets provide different methods to distribute material around job sites. The hydraulically controlled chute door opens a path for material to exit the bucket and is operated from the cab eliminating the need to exit the cab to open the bucket. The Cat Mixing Buckets are excellent for sidewalks, driveways, finish work, fence posts, footings and floors of small buildings. Italian design – Cat improved!

Hint: Ideal ‘cement recipe’ mix is metal up to auger spindle, sand to top of auger paddles, cement bags & water to required consistency. Mix well & pour



Overview – Alex Gajewski

MB200	Suits: 216 – 299D2 & 903 - 908M	Avail.
489-2150 WRKSHOP: 1.5	MB200 MIXING BUCKET (200 Litre/ 0.20m3) (290kg) Overall width 1605mm (63"), 0.20 m3 Capacity INCLUDES: Hydraulic lines with 1/2" quick disconnects, 14 pins electrical harness, Rigid Chute & Flexible Chute, mounting bracket, & 14-pin electrical harness REQUIRES: Standard Flow Hydraulics MACHINE REQUIRES: 14-pin Work Tool Harness and 4 button left hand joystick Bucket Weight When Filled to the brim: 825kg** **(Weight is calculated based on concrete: max specific weight of 2200kg/m3) Refer to machine OMM for safe lifting load.	USA
MB250	Suits: 246D^ – 299D2 & 903 - 908M	Avail.
489-2200 WRKSHOP: 1.5	MB250 MIXING BUCKET (250 Litre/ 0.25m3) (430kg) Overall width 1605mm (63"), 0.25 m3 Capacity INCLUDES: Hydraulic lines with 1/2" quick disconnects, 14 pins electrical harness, Rigid Chute & Flexible Chute, mounting bracket, & 14-pin electrical harness REQUIRES: Standard Flow Hydraulics MACHINE REQUIRES: 14-pin Work Tool Harness and 4 button left hand joystick ^ 246D Requires Extra Counterweight Bucket Weight When Filled to the brim: 1040kg** **(Weight is calculated based on concrete: max specific weight of 2200kg/m3) Refer to machine OMM for safe lifting load	USA



Operator Tips – Alex Gajewski

CAT EXTENDED WARRANTY

EPP PART #'s	Suits: ALL SSL/CTL/MTL/CWL	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date, Parts & Labour covered Transferable within ANZ Region, *T's & C's Apply	MB200 \$640 MB250 \$670
All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty		

BUCKETS & COUPLERS – MHEX & BACKHOE

Cat® has a variety of buckets available for MHEX machines. Buckets highlighted **yellow** are stocked in NSW

Ditch Cleaning Buckets – Their purpose is for cleaning trenches which have wet material in them still and allows for the water to be released from the material being excavated - not be confused with Mud Buckets.

Mud Buckets – These have been redesigned in recent years to allow for better nesting of groups of buckets.

General Duty – Is an all-rounder it has uni-tooth bolt on teeth for easy changing is good when working in most soils.

Heavy Duty - Extra strength, Extra weight and with better breakout for working in compacted soils and industrial sites.



300.9D			
Part #	Description	Included GET	Avail
N/A	COUPLER – (NOT AVAIL VIA CAT – CURRENTLY IN DEVELOPMENT)		N/A
373-5697 x 2	PIN 25MM Qty ea, Specify 2 for pair		STORE
373-5664 x 2	LYNCH PIN Qty ea, Specify 2 for pair		STORE
373-4456	BUCKET, 250MM, GP (Heaped Capacity 0.014m3)	3 x weld-on	STORE
432-5173	BUCKET, 370MM, GP (incl. side cutters) (Heaped Capacity 0.018m3)	3 x weld-on	MDC/USA
373-4458	BUCKET, 700MM, DITCHING (Side Holes) (Heaped Capacity 0.027m3)	weld-on edge	STORE/MDC

301.4C / 301.7D			
Part #	Description	Included GET	Avail
361-1092	COUPLER – PIN GRABBER, MANUAL, DUAL LOCK		STORE
154-2672	PINS KIT, 30mm (KIT INCLUDES 2 x BUCKET PINS & COTTER PINS)		STORE
All Dig Buckets come with weld-on sidecutter and double strap bolt-on Uniteeth.			
147-1014	BUCKET, 230MM, GP (REQ PINS) (Heaped Capacity 0.018m3)	3 x Unitooth	STORE
147-1018	BUCKET, 300MM, GP (REQ PINS) (Heaped Capacity 0.022m3)	3 x Unitooth	STORE
147-1020	BUCKET, 400MM, GP (REQ PINS) (Heaped Capacity 0.033m3)	3 x Unitooth	MDC
190-7387	BUCKET, 460MM, GP (REQ PINS) (Heaped Capacity 0.040m3)	3 x Unitooth	STORE
147-1023	BUCKET, 500MM, GP (REQ PINS) (Heaped Capacity 0.045m3)	4 x Unitooth	USA
147-1026	BUCKET, 600MM, GP (REQ PINS) (Heaped Capacity 0.056m3)	4 x Unitooth	MDC
147-1031	BUCKET, 1000MM, DITCH CLEANING (REQ PINS) (Heaped Capacity 0.56m3) Includes side holes	weld-on edge	MDC
388-9661	MUD BUCKET, 1000MM, (INCL PINS) (Heaped Capacity 0.09m3)	weld-on edge	STORE

302.7D			
Part #	Description	Included GET	Avail
361-1093	COUPLER – PIN GRABBER, MANUAL, DUAL LOCK		USA
154-2683	PINS KIT, 35mm (KIT INCLUDES 2 x BUCKET PINS & COTTER PINS)		STORE
All Dig Buckets come with weld-on sidecutter and double strap bolt-on Uniteeth.			
176-7283	BUCKET, 260MM, GP (INCL PINS) (Heaped Capacity 0.035m3)	3 x Unitooth	MDC
153-7851	BUCKET, 300MM, GP (REQ PINS) (Heaped Capacity 0.041m3)	3 x Unitooth	USA
153-7854	BUCKET, 400MM, GP (REQ PINS) (Heaped Capacity 0.054m3)	3 x Unitooth	MDC
190-7390	BUCKET, 460MM, GP (REQ PINS) (Heaped Capacity 0.065m3)	3 x Unitooth	STORE/MDC
153-7857	BUCKET, 500MM, GP (REQ PINS) (Heaped Capacity 0.073m3)	4 x Unitooth	USA
153-7860	BUCKET, 600MM, GP (REQ PINS) (Heaped Capacity 0.092m3)	4 x Unitooth	STORE/USA
153-7865	DITCH CLEANING BUCKET, 1000MM, (REQ PINS) (Heaped Capacity 0.102m3)	weld-on edge	MDC
246-0094	DITCH CLEANING TILT BKT 1100MM, (REQ PINS) (Heaped Capacity 0.125m3) 45 Degree Tilt, INCLUDES: Connecting Lines, Back Grading Edge & water holes	weld-on edge	USA
388-9662	MUD BUCKET, 1000MM, (INCL PINS) (Heaped Capacity 0.17m3)	weld-on edge	STORE/MDC

BUCKETS & COUPLERS – MHEX.....cont..

303.5E, 304E2			
Part #	Description	Included GET	Avail
444-7494	COUPLER – PIN GRABBER, MANUAL , DUAL LOCK (INCL PINS)		MDC
485-5300 (Previously 361-1095)	COUPLER – PIN GRABBER, HYDRAULIC , DUAL LOCK (INCL PINS)		STORE
154-2638	PINS KIT, 40mm (KIT INCLUDES 2 x BUCKET PINS & COTTER PINS)		STORE
464-9900	BUCKET, 305MM , HD (REQ PINS) (Heaped Capacity 0.05m3)	3 x J200	STORE
464-9901	BUCKET, 406MM , HD (REQ PINS) (Heaped Capacity 0.07m3)	3 x J200	USA
464-9902	BUCKET, 457MM , HD (REQ PINS) (Heaped Capacity 0.08m3)	4 x J200	STORE
464-9903	BUCKET, 508MM , HD (REQ PINS) (Heaped Capacity 0.09m3)	4 x J200	MDC/USA
464-9904	BUCKET, 600MM , HD (REQ PINS) (Heaped Capacity 0.12m3)	4 x J200	STORE
464-9906	BUCKET, 914MM , HD (REQ PINS) (Heaped Capacity 0.2m3)	5 x J200	USA
GET- Recommended Side Cutters: (LH) 252-2611 + (RH) 252-2612 + (Bolts) 4F-3653 x 6 + (Nuts) 4K-0367 x 6			
388-9663	MUD BUCKET, 1200MM , (INCL PINS) (Heaped Capacity 0.23m3)	BOCE	STORE
279-4325	DITCH CLEANING TILT BKT 1200MM , (REQ PINS) (Heaped Capacity 0.167m3) 45 Degree Tilt, INCLUDES: Connecting Lines, Back Grading Edge & water drainage holes	weld-on edge & Back Grading Edge	STORE 62 / USA

305 / 305.5E2			
Part #	Description	Included GET	Avail
444-7496	COUPLER – PIN GRABBER, MANUAL , DUAL LOCK (INCL PINS)		USA
485-5301	COUPLER – PIN GRABBER, HYDRAULIC , DUAL LOCK (INCL PINS)		MDC
485-5304 (Previously 455-6000)	TILT COUPLER – PIN GRABBER, HYD , DUAL LOCK (INCL LINES & PINS) 112kg 180 degrees tilt, NOTE: Not compatible with thumbs		NOV/DEC 2018
282-2785	PINS KIT, 45mm (KIT INCLUDES 2 x BUCKET PINS & COTTER PINS)		STORE
464-9907	BUCKET, 305MM , HD (REQ PINS) (Heaped Capacity 0.06m3) 71kg	3 x J200	STORE
464-9908	BUCKET, 406MM , HD (REQ PINS) (Heaped Capacity 0.08m3) 79kg	3 x J200	USA
464-9909	BUCKET, 457MM , HD (REQ PINS) (Heaped Capacity 0.09m3) 88kg	4 x J200	STORE
464-9910	BUCKET, 508MM , HD (REQ PINS) (Heaped Capacity 0.10m3) 94kg	4 x J200	USA
464-9911	BUCKET, 619MM , HD (REQ PINS) (Heaped Capacity 0.13m3) 106kg	4 x J200	STORE
464-9913	BUCKET, 914MM , HD (REQ PINS) (Heaped Capacity 0.22m3) 145kg	5 x J200	MDC/USA
GET- Recommended Side Cutters: (LH) 252-2611 + (RH) 252-2612 + (Bolts) 4F-3653 x 6 + (Nuts) 4K-0367 x 6			
388-9664	MUD BUCKET, 1200MM , (INCL PINS) (Heaped Capacity 0.26m3) 84kg	BOCE	STORE
388-9665	MUD BUCKET, 1500MM , (INCL PINS) (Heaped Capacity 0.33m3) 101kg	BOCE	STORE/MDC
279-4328	DITCH CLEANING BUCKET 1600MM , (Heaped Capacity 0.287m3) 139kg Includes side drainage holes, Requires PINS Kit	Weld-on edge	STORE/USA
274-9022	DITCH CLEANING TILT BUCKET, 1600MM , (Heaped Capacity 0.28m3) 250kg Tilt: 45 degrees each way from horizontal INCLUDES: back grading edge, connecting lines & water drainage holes REQUIRES PINS KIT	Weld-on-edge & Back Grading Edge	STORE/USA

MHEX BUCKETS continued.....next page

BUCKETS & COUPLERS – MHEX.....cont..

308E2						
Part #	Description				Included GET	Avail
444-7498	COUPLER – PIN GRABBER, MANUAL , DUAL LOCK (INCL PINS)					USA
485-5302 (Previously 361-1099)	COUPLER – PIN GRABBER, HYDRAULIC , DUAL LOCK (INCL PINS)					SUNDRY
485-5305 (Previously 455-6100)	TILT COUPLER – PIN GRABBER, HYD , DUAL LOCK (INCL LINES & PINS) 181kg 180 degrees tilt. REQUIRES: Hyd Relief Kit (458-6610) for 308E2 with serial number below FJX02625. REFER SPECIAL INSTRUCTION: SEHS0080. NOTE: Not compatible with thumbs					NOV/DEC 2018
308-0324	PINS KIT, 50mm (KIT INCLUDES 2 x BUCKET PINS & COTTER PINS)					MDC
305-6813	BUCKET, 330MM, HD (REQ PINS) (Heaped Capacity 0.10m3) 136kg				3 x J225	USA
295-5951	BUCKET, 457MM, HD (REQ PINS) (Heaped Capacity 0.15m3) 151kg				4 x J225	STORE/MDC
295-5952	BUCKET, 610MM, HD (REQ PINS) (Heaped Capacity 0.23m3) 178kg				4 x J225	MDC
295-5954	BUCKET, 914MM, HD (REQ PINS) (Heaped Capacity 0.39m3) 230kg				5 x J225	MDC
GET- Recommended Side Cutters: (LH) 153-1647 + (RH) 153-1646 + (Bolts) 8T-6430 x 6 + (Nuts) 8T-4131 x 6						
388-9666	MUD BUCKET, 1200MM, (INCL PINS) (Heaped Capacity 0.41m3) 134kg				BOCE	MDC
388-9667	MUD BUCKET, 1500MM, (INCL PINS) (Heaped Capacity 0.52m3) 157kg				BOCE	STORE/MDC
306-5664	DITCH CLEANING 1220MM, (Heaped Capacity 0.33m3) 216kg Includes side drainage holes, Requires PINS Kit & BOCE GET: BOCE 311-6221 + 4x 8T4778 NUT + 4x 159-2953 SCREW				REQUIRES BOCE	SUNDRY x 1 CLEARANCE

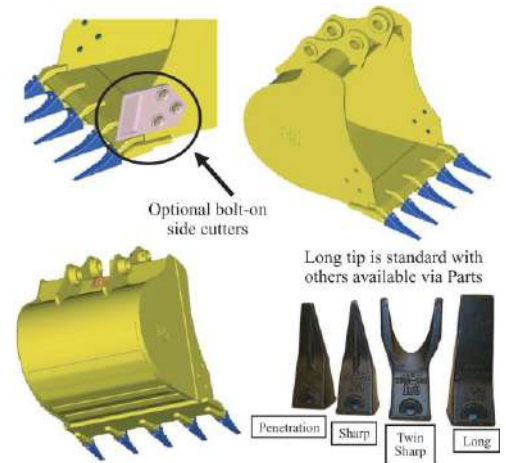


BACKHOE BUCKETS & COUPLERS

BACKHOE: E / F / F2 SERIES ONLY						*(NOT COMPATIBLE WITH SERIES II, B & C BACKHOES)	
Part #		Description			Included GET	Avail	
444-7500		COUPLER – PIN GRABBER, MANUAL , DUAL LOCK (INCL PINS)				STORE/MDC	
485-5303 (Previously 361-1200)		COUPLER – PIN GRABBER, HYDRAULIC , DUAL LOCK (INCL PINS)				MDC/USA	
178-3593		PINS KIT, 45 & 50mm (KIT INCLUDES 2 x BUCKET PINS & COTTER PINS)				STORE	
HEAVY DUTY BUCKETS For semi-rocky soil or hard bank material. Includes back wear strips, weld on tooth adapters and tooth tips (DRS)							
273-3701		BUCKET, 305MM, HD (INCL PINS)		(Heaped Capacity 0.079m3)	kg	3 x DRS	MDC/USA
272-6410		BUCKET, 457MM, HD (REQ PINS)		(Heaped Capacity 0.119m3)	kg	4 x DRS	MDC/USA
249-4221		BUCKET, 610MM, HD (REQ PINS)		(Heaped Capacity 0.176m3)	kg	5 x DRS	SUNDRY
272-9234		BUCKET, 914MM, HD (REQ PINS)		(Heaped Capacity 0.292m3)	kg	6 x DRS	USA
388-9668		MUD BUCKET, 1200MM, (INCL PINS)		(Heaped Capacity 0.41m3)	131kg	BOCE	STORE/MDC
388-9669		MUD BUCKET, 1500MM, (INCL PINS)		(Heaped Capacity 0.52m3)	153kg	BOCE	MDC

BUCKETS MHEX - WHY CAT VS TIER 2/3 BRANDS

Caterpillar® Mini Hydraulic Excavator buckets shape provides better loading, a better fill factor and material retention. Material flows into the bucket easier & reduces total cycle time during trenching. The shape and location of the hinge plates are designed to optimize the bucket force timing, which optimizes the machine and work tool performance for the customer. Their shape is similar to the larger Cat® Hydraulic Excavators that have a proven durability and digging performance. Adapters are incorporated in the corners to provide a strong mechanical joint with a cutting edge, side plate and adapter. Pin-on GET Tips allow for easier tip changes in the field. Three optional tips allow the bucket to be tuned to the specific application, enhancing product performance and customer satisfaction.



VS

Side Profile and Shape

- CAT: Overall shape improvement allows for increased capacity and fill factor, which leads to faster cycle times and better bucket feel while trenching.
WHY? - The position of the link pin significantly changes the performance of a bucket which causes a limited rotation when dumping material.
- CAT: Scalloped sidebars allow easy clamping and grasping of bulky material especially when used with or without a thumb.
WHY? - Straight or convex shaped buckets prevent easy bulky material clamping & handling.
- Tip radius is decreased by one inch from previous Cat buckets to allow for better breakout force.
WHY? - A longer tip radius diminishes the machine breakout force.

Front View

- CAT: Side routers are chamfered providing the bucket with the ability to slice material from the trench.
WHY? - Lack of side router chamfer provides a blunt edge and does not penetrate the material as well, slowing cycle time and consuming additional power.
- CAT: Tapered corner adapters provide draft and allow bucket to clear trench after initial penetration.
- CAT: Bucket is tapered front to back by 2 degrees, to allow bucket to clear trench
WHY? - A bucket without the tapering at the rear will jam in the trench as soon as the teeth and side cutters start to wear.

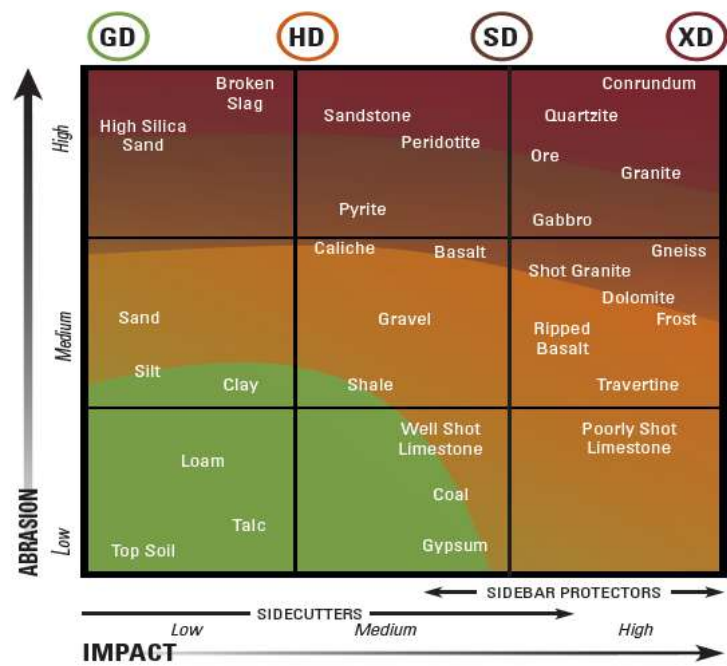
BUCKETS & COUPLERS GCI – HEX 311-390



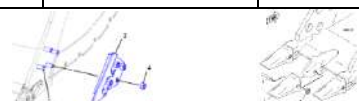
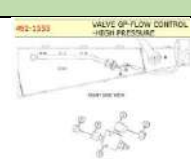

General Duty








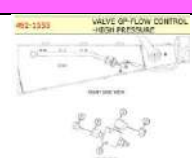

Heavy Duty





BUCKETS GCI – HEX 311-390....cont..



311D/F, 312D/E, 313F, 314D/E, 315F				312 LINKAGE	
Part #	Description			Teeth	Avail
388-6156 + 422-2983	COUPLER – PIN GRABBER, HYDRAULIC (WORKCOVER NSW COMPLIANT) + CONNECTOR LINES TO STICK				STOCK
172-8472	SPARE PINS KIT, 65mm (KIT INCLUDES 2 x BUCKET PINS & BOLTS)				MDC
J-SERIES GEN DUTY BUCKETS INCLUDE J250 LONG TIPS, SIDECUTTERS & PINS					
392-1128	BUCKET, 450MM, GD	(Heaped Capacity 0.20m3)	316kg	3 x J250	MDC
392-1130	BUCKET, 600MM, GD	(Heaped Capacity 0.31m3)	359kg	3 x J250	MDC
392-1131	BUCKET, 750MM, GD	(Heaped Capacity 0.41m3)	406kg	4 x J250	USA
392-1132	BUCKET, 900MM, GD	(Heaped Capacity 0.53m3)	455kg	5 x J250	MDC
392-1133	BUCKET, 1050MM, GD	(Heaped Capacity 0.65m3)	503kg	6 x J250	MDC
GET - Side Cutters: (LH) 380-1201 + (RH) 380-1202 (Bolts) 6V-3531 x 8 + (Nuts) 8T-4131 x 8 - J250 Long Tips (ea): 1U-3252 + 8E-6258 + 8E-6259					
449-8618	CLEAN UP BUCKET, 1500MM, (INCL PINS)	(Capacity 1.02m3)	631kg	INCL BOCE (436-5490 x 2)	MDC
449-8617	CLEAN UP BUCKET, 1800MM, (INCL PINS)	(Capacity 1.25m3)	666kg	INCL BOCE (436-5491 x 2)	MDC
TILTING DITCH CLEANING BUCKETS					
Plug and play compatible with Cat Grade Control 3D. The bucket is drilled and tapped to bolt on the sensor and clips are provides for the wiring harness for installation of Cat Grade Control module.					
482-0841 509-9132 (incl Back Grading Edge)	TILTING CLEAN UP BUCKET, 1500MM, (INCL PINS) (Capacity 0.74m3) Includes Drain holes for stowed position, 2 horizontal cylinders, 45 degree tilt Requires Lines Kit – see below ‘Tilt Bucket Connector Lines’		693kg	INCL BOCE	MDC
482-0843	TILTING CLEAN UP BUCKET, 1829MM, (INCL PINS) (Capacity 0.9m3) Includes Drain holes for stowed position, 2 horizontal cylinders, 45 degree tilt Requires Lines Kit – see below ‘Tilt Bucket Connector Lines’		780kg	INCL BOCE	MDC
TILT BUCKET CONNECTOR LINES					
492-8435 492-1555	LINES KIT – FOR HIGH PRESSURE CIRCUIT OPTIONAL FLOW CONTROL VALVE				MDC
492-8436 499-3172	LINES KIT – FOR MEDIUM PRESSURE CIRCUIT OPTIONAL QUICK DISCONNECTS – FOR MEDIUM PRESSURE LINES KIT				MDC


316E/F, 318E/F **DON'T USE FOR 315F**				315 LINKAGE	
Part #	Description			Teeth	Avail
391-4347 + 422-2986	COUPLER – PIN GRABBER, HYDRAULIC (WORKCOVER NSW COMPLIANT) + CONNECTOR LINES TO STICK				MDC
172-8473	SPARE PINS KIT, 70mm (KIT INCLUDES 2 x BUCKET PINS & BOLTS)				MDC
GENERAL PURPOSE BUCKETS INCLUDE K80 TIPS, SIDECUTTERS & PINS					
381-7185	BUCKET, GEN DUTY 600MM	(Heaped Capacity 0.35m3)	488kg	3 x K80	USA
381-7186	BUCKET, GEN DUTY 750MM	(Heaped Capacity 0.49m3)	531kg	3 x K80	USA
381-7187	BUCKET, GEN DUTY 900MM	(Heaped Capacity 0.62m3)	593kg	4 x K80	USA
381-7188	BUCKET, GEN DUTY 1050MM	(Heaped Capacity 0.76m3)	641kg	4 x K80	USA
381-7189	BUCKET, GEN DUTY 1200MM	(Heaped Capacity 0.91m3)	702kg	5 x K80	USA
GET - Side Cutters: (LH) 357-2713 + (RH) 357-2714 (Bolts) 8T-0664 x 8 + (Nuts) 7X-0851 x 8 - K80 Tips (ea): 475-5470 (K80 Tip) + 220-9090 (Retainer Pin)					
449-8620	CLEAN UP BUCKET, 1500MM, (INCL PINS)	(Capacity 1.24m3)	770kg	INCL BOCE (436-5490 x 2)	MDC
449-8619	CLEAN UP BUCKET, 1800MM, (INCL PINS)	(Capacity 1.53m3)	882kg	INCL BOCE (436-5491x 2)	MDC
TILTING DITCH CLEANING BUCKET					
Plug and play compatible with Cat Grade Control 3D. The bucket is drilled and tapped to bolt on the sensor and clips are provides for the wiring harness for installation of Cat Grade Control module.					
484-0188 510-6689 (incl Back Grading Edge)	TILTING CLEAN UP BUCKET, 1829MM, (INCL PINS) (Capacity 0.75m3) Includes Drain holes for stowed position, 2 horizontal cylinders, 45 degree tilt Requires Lines Kit – see below ‘Tilt Bucket Connector Lines’		977kg	INCL BOCE (441-6622 x 2)	MDC
TILT BUCKET CONNECTOR LINES					
492-8435 492-1555	LINES KIT – FOR HIGH PRESSURE CIRCUIT OPTIONAL FLOW CONTROL VALVE				MDC
492-8436 499-3172	LINES KIT – FOR MEDIUM PRESSURE CIRCUIT OPTIONAL QUICK DISCONNECTS – FOR MEDIUM PRESSURE LINES KIT				MDC

319D, 320D/E/F, 321D, 323D/F & 325F Reach					(B LINKAGE)	
Part #	Description			Teeth	Avail	
388-0067 + 449-1136	COUPLER – PIN GRABBER, HYDRAULIC (WORKCOVER NSW COMPLIANT) + CONNECTOR LINES TO STICK				MDC	
172-8444	SPARE PINS KIT, 80mm (KIT INCLUDES 2 x BUCKET PINS & BOLTS)				MDC	
GENERAL DUTY BUCKETS INCLUDE K80 TIPS, SIDECUTTERS & PINS						
377-5391	BUCKET, GEN DUTY 600MM		(Heaped Capacity 0.46m3)	628kg	3 x K80	MDC
377-5392	BUCKET, GEN DUTY 1050MM		(Heaped Capacity 1.00m3)	813kg	4 x K80	MDC
377-5393	BUCKET, GEN DUTY 1200MM *NOT FOR USE WITH 320GC NEXT GEN		(Heaped Capacity 1.91m3)	881kg	5 x K80	MDC
GET - Side Cutters: (LH) 357-2713 + (RH) 357-2714 (Bolts) 8T-0664 x 8 + (Nuts) 7X-0851 x 8 - K80 Tips (ea): 475-5470 (K80 Tip) + 220-9090 (Retainer Pin)						
HEAVY DUTY BUCKETS INCLUDE K90 TIPS, SIDECUTTERS & PINS						
327-3652	BUCKET, HD 610MM (D-SERIES) OBSOLETE – AVAILABLE ONLY WHILE STOCKS LAST		(Heaped Capacity 0.46m3)	726kg	3 x K90	MDC CLEARANCE
347-6823	BUCKET, HD 600MM (E-SERIES)		(Heaped Capacity 0.46m3)	628kg	3 x K90	USA
347-6825	BUCKET, HD 900MM (E-SERIES)		(Heaped Capacity 0.81m3)	888kg	5 x K90	USA
327-3655	BUCKET, HD 1067MM (D-SERIES) OBSOLETE – AVAILABLE ONLY WHILE STOCKS LAST (*NOT FOR USE WITH 320GC NEXT GEN)		(Heaped Capacity 1.00m3)	956kg	5 x K90	MDC CLEARANCE
347-6827	BUCKET, HD 1200MM (E-SERIES) *NOT FOR USE WITH 320GC NEXT GEN		(Heaped Capacity 1.19m3)	998kg	6 x K90	MDC
347-6828	BUCKET, HD 1350MM (E-SERIES) *NOT FOR USE WITH 320GC NEXT GEN		(Heaped Capacity 1.38m3)	1,100kg	7 x K90	USA
347-6829	BUCKET, HD 1500MM (E-SERIES) *NOT FOR USE WITH 320GC NEXT GEN		(Heaped Capacity 1.58m3)	1,161kg	7 x K90	USA
347-6830	BUCKET, SEVERE DUTY 900MM *NOT FOR USE WITH 320GC NEXT GEN		(Capacity 0.8m3)	1,161kg	5 x K90	
GET - Side Cutters: (LH) 7Y-0358 + (RH) 7Y-0357 (Bolts) 6I-6371 x 6 + (Nuts) 2J-3507 x 6 - K90 Tips (ea): 475-5482 (K90 Tip) + 220-9090 (Retainer Pin)						
449-8622	CLEAN UP BUCKET, 1800MM, (INCL PINS)		(Capacity 1.60m3)	978kg	INCL BOCE (436-5491 x 2)	CHECK
449-8621	CLEAN UP BUCKET, 2000MM, (INCL PINS)		(Capacity 1.76m3)	1,044kg	INCL BOCE (436-5521x 2)	MDC
TILTING DITCH CLEANING BUCKET						
Plug and play compatible with Cat Grade Control 3D. The bucket is drilled and tapped to bolt on the sensor and clips are provides for the wiring harness for installation of Cat Grade Control module.						
484-0190	TILTING CLEAN UP BUCKET, 1800MM, (INCL PINS) Includes Drain holes for stowed position, 2 horizontal cylinders, 45 degree tilt Requires Lines Kit – see below ‘Tilt Bucket Connector Lines’		(Capacity 1.40m3)	1,147kg	INCL BOCE (441-6622 x 2)	MDC
TILT BUCKET CONNECTOR LINES						
492-8433 492-1555	LINES KIT – FOR HIGH PRESSURE CIRCUIT OPTIONAL FLOW CONTROL VALVE				MDC	
492-8434 499-3172	LINES KIT – FOR MEDIUM PRESSURE CIRCUIT OPTIONAL QUICK DISCONNECTS – FOR MEDIUM PRESSURE LINES KIT				MDC	

324D/E, 326D/F, 325D, 329D/E/F, 330F, 335F **DON'T USE FOR 330D** (CB LINKAGE)

Part #	Description	Teeth	Avail
389-7189 + 422-2974	COUPLER – PIN GRABBER, HYDRAULIC (WORKCOVER NSW COMPLIANT) + CONNECTOR LINES TO STICK		MDC
268-4450	SPARE PINS KIT , 90mm (KIT INCLUDES 2 x BOLTED FLAG PINS & BOLTS)		MDC
GENERAL DUTY BUCKETS INCLUDE K90 TIPS, SIDECUTTERS & PINS			
370-5861	BUCKET, GEN DUTY 600MM (Heaped Capacity 0.52m3) 850kg	3 x K90	MDC
370-5862	BUCKET, GEN DUTY 1350MM (Heaped Capacity 1.54m3) 1,106kg	5 x K90	MDC
370-5863	BUCKET, GEN DUTY 1500MM (Heaped Capacity 1.76m3) 1,170kg	5 x K90	MDC
GET - Side Cutters: (LH) 7Y-0358 + (RH) 7Y-0357 (Bolts) 6I-6371 x 6 + (Nuts) 2J-3507 x 6 - K90 Tips (ea): 475-5482 (K90 Tip) + 220-9090 (Retainer Pin)			
HEAVY DUTY BUCKETS INCLUDE K100 TIPS, SIDECUTTERS & PINS			
327-3688	BUCKET, HD 610MM (D-SERIES) (Heaped Capacity 0.53m3) 843kg OBSOLETE – AVAILABLE ONLY WHILE STOCKS LAST	3 x K100	MDC CLEARANCE
370-5830	BUCKET, HD 600MM (Heaped Capacity 0.52m3) 850kg	3 x K100	USA
327-3661	BUCKET, HD 762MM (D-SERIES) (Heaped Capacity 0.73m3) 974kg OBSOLETE – AVAILABLE ONLY WHILE STOCKS LAST	3 x K100	MDC CLEARANCE
370-5831	BUCKET, HD 750MM (Heaped Capacity 0.71m3) 1,050kg	3 x K100	USA
370-5832	BUCKET, HD 900MM (Heaped Capacity 0.91m3) 1,134kg	4 x K100	USA
370-5833	BUCKET, HD 1050MM (Heaped Capacity 1.12m3) 1,239kg	5 x K100	USA
370-5834	BUCKET, HD 1200MM (Heaped Capacity 1.33m3) 1,311kg	5 x K100	MDC
370-5835	BUCKET, HD 1350MM (Heaped Capacity 1.54m3) 1,412kg	7 x K100	MDC
370-5836	BUCKET, HD 1500MM (Heaped Capacity 1.76m3) 1,513kg	7 x K100	MDC
370-5837	BUCKET, HD 1650MM (Heaped Capacity 1.97m3) 1,584kg	7 x K100	USA
370-5838	BUCKET, SEVERE DUTY 1050MM (Capacity 1.12m3) 1,379kg	5 x K100	USA
GET - Side Cutters: (LH) 7Y-0358 + (RH) 7Y-0357 (Bolts) 6I-6371 x 6 + (Nuts) 2J-3507 x 6 - K100 Tips (ea): 475-5494 (K100 Tip) + 220-9090 (Retainer Pin)			
449-8624	CLEAN UP BUCKET, 1800MM, (INCL PINS) (Capacity 1.81m3) 1,146kg	INCL BOCE (436-5491x 2)	MDC
449-8623	CLEAN UP BUCKET, 2000MM, (INCL PINS) (Capacity 1.76m3) 1,044kg	INCL BOCE (436-5521x 2)	MDC

330D, 336D/E/F, 340D/F ***DON'T USE FOR 330F***				(DB LINKAGE)	
Part #	Description			Teeth	Avail
389-8070 + 422-2977	COUPLER – PIN GRABBER, HYDRAULIC (WORKCOVER NSW COMPLIANT) + CONNECTOR LINES TO STICK				MDC
268-5606	SPARE PINS KIT (COUPLER), 100mm + 90mm (KIT INCLUDES 2 x BOLTED FLAG PINS & BOLTS)			HARDENED PINS	MDC
290-5881	SPARE PINS GRP (Work Tool), 100mm + 90mm (KIT INCLUDES 2 x PINS & BOLTS)			WORK TOOL PINS	MDC
GENERAL DUTY BUCKETS INCLUDE K100 TIPS, SIDECUTTERS & PINS					
442-8264	BUCKET, GEN DUTY 1650MM		(Heaped Capacity 2.12m3) 1,458kg	5 x K100	MDC
442-8265	BUCKET, GEN DUTY 1800MM		(Heaped Capacity 2.36m3) 1,559kg	6 x K100	MDC
GET - Side Cutters: (LH) 7Y-0358 + (RH) 7Y-0357 (Bolts) 6I-6371 x 6 + (Nuts) 2J-3507 x 6 - K100 Tips (ea): 475-5494 (K00 Tip) + 220-9090 (Retainer Pin)					
HEAVY DUTY BUCKETS INCLUDE K110 TIPS, SIDECUTTERS & PINS					
356-4368	BUCKET, HD 750MM		(Heaped Capacity 0.73m3) 1,195kg	3 x K110	USA
356-4369	BUCKET, HD 900MM		(Heaped Capacity 0.95m3) 1,286kg	4 x K110	USA
356-4370	BUCKET, HD 1050MM		(Heaped Capacity 1.17m3) 1,376kg	4 x K110	USA
356-4371	BUCKET, HD 1200MM		(Heaped Capacity 1.40m3) 1,511kg	5 x K110	USA
356-4372	BUCKET, HD 1350MM		(Heaped Capacity 1.64m3) 1,607kg	5 x K110	USA
356-4373	BUCKET, HD 1500MM		(Heaped Capacity 1.88m3) 1,741kg	6 x K110	USA
356-4374	BUCKET, HD 1650MM		(Heaped Capacity 2.12m3) 1,879kg	7 x K110	MDC
356-4375	BUCKET, HD 1800MM		(Heaped Capacity 2.36m3) 1,974kg	7 x K110	USA
356-4376	BUCKET, SEVERE DUTY 1200MM		(Capacity 1.40m3) 1,640kg	5 x K110	USA
GET - Side Cutters: (LH) 7Y-0358 + (RH) 7Y-0357 (Bolts) 6I-6371 x 6 + (Nuts) 2J-3507 x 6 - K110 Tips (ea): 467-9823 (K110 Tip) + 286-2110 (Retainer Pin)					
449-8626	CLEAN UP BUCKET, 1800MM, (INCL PINS)		(Capacity 2.48m3) 1,444kg	INCL BOCE (436-5491x 2)	MDC
449-8625	CLEAN UP BUCKET, 2000MM, (INCL PINS)		(Capacity 2.74m3) 1,540kg	INCL BOCE (436-5521x 2)	CHECK

345D, 349D/E/F, 352F				(TB LINKAGE)	
Part #	Description			Teeth	Avail
390-1017 + 422-2980	COUPLER – PIN GRABBER, HYDRAULIC (WORKCOVER NSW COMPLIANT) + CONNECTOR LINES TO STICK				MDC
246-8124	SPARE PINS KIT, 110mm + 100mm (KIT INCLUDES 2 x BOLTED FLAG PINS & BOLTS)			HARDENED PINS	MDC
HEAVY DUTY BUCKETS INCLUDE K110 TIPS, SIDECUTTERS & PINS					
366-8515	BUCKET, HD 900MM	(Heaped Capacity 1.08m3)	1,779kg	4 x K110	USA
366-8516	BUCKET, HD 1050MM	(Heaped Capacity 1.34m3)	1,871kg	4 x K110	USA
366-8517	BUCKET, HD 1200MM	(Heaped Capacity 1.60m3)	2,035kg	5 x K110	USA
366-8518	BUCKET, HD 1350MM	(Heaped Capacity 1.87m3)	2,162kg	5 x K110	USA
366-8519	BUCKET, HD 1500MM	(Heaped Capacity 2.14m3)	2,328kg	6 x K110	USA
366-8520	BUCKET, HD 1650MM	(Heaped Capacity 2.41m3)	2,495kg	7 x K110	USA
366-8521	BUCKET, HD 1800MM	(Heaped Capacity 2.69m3)	2,342kg	7 x K110	USA
GET - Side Cutters: (LH) 7Y-0358 + (RH) 7Y-0357 (Bolts) 6I-6371 x 6 + (Nuts) 2J-3507 x 6 - K110 Tips (ea): 467-9823 (K110 Tip) + 286-2110 (Retainer Pin)					
449-8628	CLEAN UP BUCKET, 2000MM, (INCL PINS)	(Capacity 2.80m3)	2,188kg	INCL BOCE (436-5521x 2)	USA
449-8627	CLEAN UP BUCKET, 2400MM, (INCL PINS)	(Capacity 3.38m3)	2,620kg	INCL BOCE (440-1578 x 2)	USA

COLD PLANERS - SSL/CTL/MTL

Cold Planers are designed for small to medium size paving jobs in compact residential areas & medium commercial applications. Cold Planers economically restore asphalt and concrete to paved services to a specified grade or level. They are ideal for milling bumps or imperfections, removing cracked or deteriorated pavement, traffic lanes stripes & working on jobs where weight restrictions limit the use of dedicated planers. PC104B & PC105B models are both manually controlled by a hand-held crank at the front of the cold planer to adjust your depth, Hydraulic side-shift is done via manual selection of diverter valve on the frame of the attachment.

NOTE: Operator Protection against flying objects RECOMMENDED



PART #	Suits: ALL SSL/CTL/MTL's STANDARD FLOW	Avail.
381-8300 WRKSHOP: 1.5	PC104B Cold Planer 350mm (14") Cutting Width (670kg) Drum Width: 350mm [42 All Purpose Conical Bits] (Overall Width: 1730mm) Hydraulic flow range: 60 - 80 L/min Hydraulic pressure (Optimum): 230 bar (3,330 psi) MAX DEPTH CUT: 150mm (multiple passes) REQUIRES: Standard Flow Hydraulics (Less than 80 L/min) INCLUDES: Cold Planer w' gear direct drive motor, 3 Lines & Connectors	MDC

PART #	Suits: Suits: 216B3 HF, 226D HF, 232D HF, 236D HF, 239D HF, 242D HF, 246D/HF, 249D HF, 259D HF, 262D, 272D2, 279D, 289D, 299D2 STANDARD FLOW / HIGH FLOW	Avail.
381-8310 WRKSHOP: 1.5	PC205B Cold Planer 450mm (18") Cutting Width (730kg) Drum Width: 450mm [48 All Purpose Conical Bits] (Overall Width: 1730mm) Hydraulic flow range: 80 - 115 L/min Hydraulic pressure (Optimum): 230 bar (3,330 psi) MAX DEPTH CUT: 150mm (multiple passes) REQUIRES: High Flow Hydraulics or Standard Flow with Case Drain & 14-pin electrical plug. (For XPS Machines, run in Standard Flow) INCLUDES: Cold Planer w' piston direct drive motor, 3 Lines & Connectors	MDC

NOTE: When PC205B is fitted to machines listed below, ONLY run in standard flow DO NOT engage Hi-Flow XPS OR Hi-Flow XHP: 272D XHP, 277D, 279D, 287D, 289D, 297D2 XHP, 299D2 XHP

COLD PLANERS - HF XPS & HF XHP

These premium models have full electro-hydraulic controls from inside of the cab.

NOTE: When fitting to machines please ensure that the machine is fitted with the appropriate 14-pin electrical harness and 4-btn LH Joystick.

NOTE: Operator Protection against flying objects RECOMMENDED



PART #	Suits: Suits: 216B3 HF, 226D HF, 232D HF, 236D HF, 239D HF, 242D HF, 246D/HF, 249D HF, 259D HF, 262D, 272D2, 279D, 289D, 299D2 HIGH FLOW / HIGH FLOW XPS	Avail.
424-7130 WRKSHOP: 2hrs	PC305B Cold Planer 450mm (18") Cutting Width (860kg) Drum Width: 450mm [48 All Purpose Conical Bits] (Overall Width: 1858mm) Hydraulic flow range: 100 - 125 L/min Hydraulic pressure (Optimum): 230-280 bar (3,330-4,000 psi) MAX DEPTH CUT: 170mm (multiple passes) REQUIRES: High Flow Hydraulics or Standard Flow with Case Drain. (For XPS Machines, run in Standard Flow) INCLUDES: Cold Planer w' single piston direct drive motor, 3 Lines & Connectors & 14-pin elec. harness	USA

NOTE: When PC305B is fitted to HF XHP machines, ONLY run in Hi-Flow or Hi-Flow XPS

COLD PLANER's continued....next page

COLD PLANERS - HF XPS & HF XHPcont...

PART #	Suits: Suits: 246D, 249D, 259D, 262D, 272D2, 279D, 289D, 299D2 HIGH FLOW / HIGH FLOW XPS	Avail.
381-8330 WRKSHOP: 2hrs	PC306B Cold Planer 600mm (24") Cutting Width (935kg) Drum Width: 600mm [60 All Purpose Conical Bits] (Overall Width: 1858mm) Hydraulic flow range: 100 - 125 L/min Hydraulic pressure (Optimum): 230-280 bar (3,330-4,000 psi) MAX DEPTH CUT: 170mm (multiple passes) REQUIRES: High Flow Hydraulics or Standard Flow with Case Drain. (For XPS Machines, run in Standard Flow) INCLUDES: Cold Planer w' single piston direct drive motor, 3 Lines & Connectors & 14-pin elec. harness	USA
NOTE: When PC306B is fitted to HF XHP machines, ONLY run in Hi-Flow or Hi-Flow XPS		

PART #	Suits: Suits: 272D2, 279D, 289D, 299D2 HIGH FLOW XPS	Avail.
381-8380 WRKSHOP: 2hrs	PC306B XD Cold Planer 600mm (24") Cutting Width (1,410kg) Drum Width: 600mm [48 All Purpose Conical Bits] (Overall Width: 1858mm) Hydraulic flow range: 125 L/min Hydraulic pressure (Optimum): 280 bar (4,000 psi) MAX DEPTH CUT: 250mm (multiple passes) REQUIRES: High Flow XPS Hydraulics INCLUDES: Cold Planer w' single piston direct drive motor, 3 Lines & Connectors & 14-pin elec. harness	STOCK /MDC
NOTE*: Check Machine installed options to avoid exceeding the maximum total machine rated capacity		



1000mm	Suits: Suits: 246D*, 262D, 272D2, 279D, 289D, 299D2 HIGH FLOW XPS	Avail.
381-8360 WRKSHOP: 2hrs	PC310B Cold Planer 1000mm (40") Cutting Width (1,050kg) Drum Width: 1000mm [78 All Purpose Conical Bits] (Overall Width: 1858mm) Hydraulic flow range: 125 L/min Hydraulic pressure (Optimum): 280 bar (4,000 psi) MAX DEPTH CUT: 130mm (multiple passes) REQUIRES: High Flow XPS Hydraulics INCLUDES: Cold Planer w' two piston direct drive motor, 3 Lines & Connectors & 14-pin elec. harness	USA
NOTE*: Check Machine installed options to avoid exceeding the maximum total machine rated capacity		

PART #	Suits: Suits: 246D*, 262D, 272D2, 279D, 289D, 299D2 HIGH FLOW XPS	Avail.
381-8390 WRKSHOP: 2hrs	PC310B XD Cold Planer 1000mm (40") Cutting Width (1,760kg) Drum Width: 1000mm [66 All Purpose Conical Bits] (Overall Width: 1858mm) Hydraulic flow range: 125 L/min Hydraulic pressure (Optimum): 280 bar (4,000 psi) MAX DEPTH CUT: 220mm (multiple passes) REQUIRES: High Flow XPS Hydraulics INCLUDES: Cold Planer w' two piston direct drive motor, 3 Lines & Connectors & 14-pin elec. harness	MDC / USA
NOTE*: Check Machine installed options to avoid exceeding the maximum total machine rated capacity		

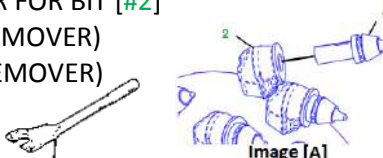

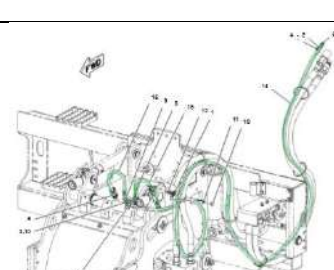
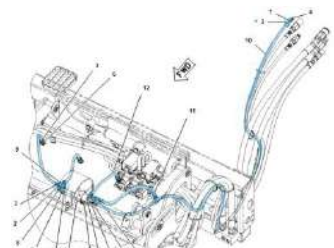
COLD PLANER's continued....next page

COLD PLANERS - HF XHP....cont...

PART #	Suits: 272D2 HF XHP, 289D HF XHP, 299D2 HF XHP HIGH FLOW XHP	Avail.
381-8350 WRKSHOP: 2hrs	PC406B Cold Planer 750mm (30") Cutting Width (1,050kg) Drum Width: 750mm [60 All Purpose Extreme Duty Conical Bits] (Overall Width: 1860mm) Hydraulic flow range: 150 L/min Hydraulic pressure (Optimum): 280 bar (4,000 psi) Includes: Max Pro Pressure Gauge (for identifying optimal performance) MAX DEPTH CUT: 170mm (multiple passes) REQUIRES: High Flow XHP Hydraulics INCLUDES: Cold Planer w' two piston direct drive motor, 3 Lines & Connectors & 14-pin elec. harness	USA
NOTE*: Check Machine installed options to avoid exceeding the maximum total machine rated capacity		

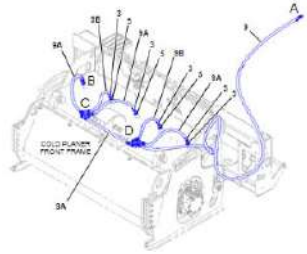


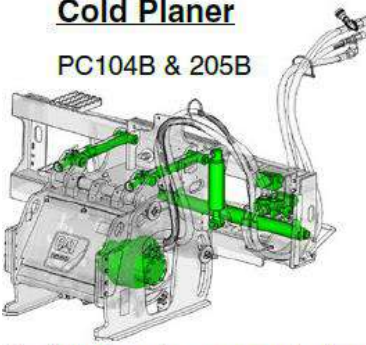
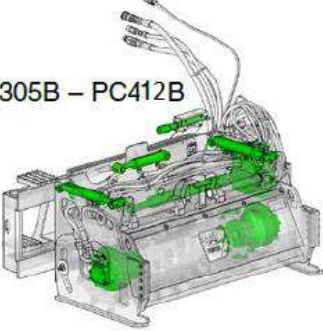
PART #	Suits: 272D2 HF XHP, 289D HF XHP, 299D2 HF XHP HIGH FLOW XHP	Avail.
381-8370 WRKSHOP: 2hrs	PC412B Cold Planer 1200mm (47") Cutting Width (1,170kg) Drum Width: 1200mm [90 All Purpose Extreme Duty Conical Bits] (Overall Width: 1860mm) Hydraulic flow range: 150 L/min Hydraulic pressure (Optimum): 280 bar (4,000 psi) Includes: Max Pro Pressure Gauge (for identifying optimal performance) MAX DEPTH CUT: 170mm (multiple passes) REQUIRES: High Flow XHP Hydraulics INCLUDES: Cold Planer w' two piston direct drive motor, 3 Lines & Connectors & 14-pin elec. harness	USA
NOTE*: Check Machine installed options to avoid exceeding the maximum total machine rated capacity		

COLD PLANER OPTIONS:

PART #	DESCRIPTION	AVAIL.
222-7571 227-7340 316-2326 226-9308 104-8591 8T-4474	REPLACEMENT TEETH & TOOLS ALL PURPOSE BIT (ASPHALT & CONCRETE) CONCRETE BIT HEAVY DUTY / EXTREME ASPHALT BIT BLOCK HOLDER FOR BIT [#2] PUNCH (BIT REMOVER) PULLER (BIT REMOVER)  	
231-2590 INSTALL: 4hrs	Cat® Water Sprinkler Kit Suits: PC104B, PC205B & PC305B Work tool water sprinkling kit complete with 2 sprinkler heads, hoses, mounting hardware, and quick disconnects for effective dust control REQUIRES: Control, Work Tool, Electrical (order with machine) REQUIRES: Roof Mounted Water Tank on Machine) Installation time: Approx. 4 hours 	MDC / USA
231-2592 INSTALL: 4hrs	Cat® Water Sprinkler Kit Suits: PC306B & PC408B Work tool water sprinkling kit complete with 3 sprinkler heads, hoses, mounting hardware, and quick disconnects for effective dust control REQUIRES: Control, Work Tool, Electrical (order with machine) REQUIRES: Roof Mounted Water Tank on Machine) Installation time: Approx. 4 hours 	USA

COLD PLANER OPTIONS continued....next page

COLD PLANER OPTIONS.....cont..

PART #	DESCRIPTION	AVAIL.
381-8341 INSTALL: 4hrs	Cat® Water Sprinkler Kit Suits: PC412B Work tool water sprinkling kit complete with 5 sprinkler heads, hoses, mounting hardware, and quick disconnects for effective dust control REQUIRES: Control, Work Tool, Electrical (order with machine) REQUIRES: Roof Mounted Water Tank on Machine) Installation time: Installation time: Approx. 4 hours	 USA
482-5132 INSTALL: 19hrs	WATER TANK for D-SERIES MACHINES Cab mounted water tank, capacity 160 Litre (42 US gallons) FOR USE WITH: D-series machines INCLUDES: Tank, pump, filter, lines, mounting brackets & quick disconnect REQUIRES: Water Sprinkler Kit on Attachment For installation see media number SEHS0363 (approx.. 19.5 hours)	 MDC
156-1458	DUST COVER FOR 14-PIN ELECTRICAL SOCKET ON DOZER BLADE (HD34)	 MDC / STORE
86NSUU1220000 86NSUU3630200	<p>EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY FOR COLD PLANERS*</p> <p>36 months / Unlimited hours from Delivery Date Parts & Labour covered (years 2&3) Transferable within ANZ Region *T's & C's Apply</p> <p>Cold Planer PC104B & 205B</p>  <p>PC305B – PC412B</p>  <p>The following major component categories are covered in the Cold Planer EPP:</p> <ul style="list-style-type: none"> • Cylinder and Mounting Groups – Depth, Side shift, Rotate • Leveler Spring & Mounting Group (PC104B and PC205B) • Drive Group • Manifold Control Group & Control Valves / Groups • Pressure Gauge Indicator Group (PC412) • Manual Depth Adjuster • Hardware related to above components <p><u>Additional Excluded Components from within Groups / Assemblies Noted Above</u></p> <ul style="list-style-type: none"> • Depth Cylinder Rod Mounting Block (PC104B and PC205B) • Depth Indicator • Connectors, Connector Assemblies 	<p>2018 (Ex GST)</p> <p>PC104B \$1390</p> <p>PC205B \$1740</p> <p>PC305B \$2090</p> <p>PC306B \$2430</p> <p>PC310B \$3180</p> <p>PC406B \$2690</p> <p>PC412B \$3450</p>
<p>All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty</p>		

COMPACTION WHEEL STATIC – MHEX (NEW)

When backfilling trenches, Cat® Compaction Wheels are one attachment option that can be used to achieve desired compaction levels.

Wheels feature tapered roller bearings and a tampered foot design with static pad rollers which allows for smooth operation and helps achieve a high degree of compaction. They use the weight of the machine & applied downward force to compact the soil.

Six to ten passes are usually adequate to achieve compaction in normal soil conditions, dependent on the required compaction levels.

Great choice for cohesive soils & clay soils where vibration methods may not achieve good compaction & may even cause liquefaction.

The open rim design allows the wheel to penetrate through the trench fill and compact the soil from the bottom up.



Compaction Wheel Overview



301.4C / 301.7D

Part #	Description	Avail
517-6970	COMPACTION WHEEL 271MM (11") (INCL PINS) Trench width 271mm (11"), 2 wheels each with 8 pads Overall Length-Height-Width: 726mm - 752mm - 292mm	(155kg) USA
517-6971	COMPACTION WHEEL 399MM (16") (INCL PINS) Trench width 399mm (16"), 3 wheels each with 8 pads Overall Length-Height-Width: 693mm - 792mm - 399mm	(216kg) USA
517-6972	COMPACTION WHEEL 553MM (22") (INCL PINS) Trench width 553mm (22"), 4 wheels each with 8 pads Overall Length-Height-Width: 693mm - 792mm - 553mm	(258kg) MADE TO ORDER

302.7D

Part #	Description	Avail
517-6973	COMPACTION WHEEL 271MM (11") (INCL PINS) Trench width 271mm (11"), 2 wheels each with 8 pads Overall Length-Height-Width: 725mm - 787mm - 313mm	(161kg) USA
517-6974	COMPACTION WHEEL 399MM (16") (INCL PINS) Trench width 399mm (16"), 3 wheels each with 8 pads Overall Length-Height-Width: 693mm - 827mm - 399mm	(222kg) USA
517-6975	COMPACTION WHEEL 553MM (22") (INCL PINS) Trench width 553mm (22"), 4 wheels each with 8 pads Overall Length-Height-Width: 693mm - 827mm - 553mm	(264kg) MADE TO ORDER

303.5E, 304E2

Part #	Description	Avail
517-6976	COMPACTION WHEEL 271MM (11") (INCL PINS) Trench width 271mm (11"), 2 wheels each with 8 pads Overall Length-Height-Width: 726mm - 806mm - 309mm	(162kg) USA
517-6977	COMPACTION WHEEL 399MM (16") (INCL PINS) Trench width 399mm (16"), 3 wheels each with 8 pads Overall Length-Height-Width: 693mm - 846mm - 399mm	(224kg) USA
517-6978	COMPACTION WHEEL 553MM (22") (INCL PINS) Trench width 553mm (22"), 4 wheels each with 8 pads Overall Length-Height-Width: 693mm - 846mm - 553mm	(266kg) USA

OPTIONAL BACKFILL BLADE

519-5628	306MM (12") BACKFILL BLADE	(24kg)	USA
519-5629	406MM (16") / 553MM (22") BACKFILL BLADE	(28kg)	USA



COMPACTION WHEELS continued....next page

305 / 305.5E2

Part #	Description	Avail
517-6979	COMPACTION WHEEL 271MM (11") (INCL PINS) (170kg) Trench width 271mm (11"), 2 wheels each with 8 pads Overall Length-Height-Width: 726mm - 829mm - 343mm	USA
517-6980	COMPACTION WHEEL 399MM (16") (INCL PINS) (230kg) Trench width 399mm (16"), 3 wheels each with 8 pads Overall Length-Height-Width: 693mm - 868mm - 399mm	USA
517-6981	COMPACTION WHEEL 553MM (22") (INCL PINS) (273kg) Trench width 553mm (22"), 4 wheels each with 8 pads Overall Length-Height-Width: 693mm - 868mm - 553mm	USA

308E2

Part #	Description	Avail
517-6988	COMPACTION WHEEL 306MM (12") (INCL PINS) (415kg) Trench width 306mm (12"), 2 wheels each with 9 pads Overall Length-Height-Width: 998mm - 1152mm - 338mm	USA
517-6989	COMPACTION WHEEL 406MM (16") (INCL PINS) (557kg) Trench width 399mm (16"), 3 wheels each with 9 pads Overall Length-Height-Width: 997mm - 1165mm - 449mm	MADE TO ORDER
517-6990	COMPACTION WHEEL 556MM (22") (INCL PINS) (575kg) Trench width 556mm (22"), 4 wheels each with 9 pads Overall Length-Height-Width: 997mm - 1165mm - 556mm	MADE TO ORDER
517-6991	COMPACTION WHEEL 884MM (35") (INCL PINS) (882kg) Trench width 884mm (22"), 5 wheels each with 9 pads Overall Length-Height-Width: 1073mm - 1164mm - 884mm	USA

COMPACTION WHEEL STATIC – BACKHOE (NEW)

BACKHOE: 415-444E / F / F2 SERIES ONLY

*(NOT COMPATIBLE WITH SERIES II, B & C BACKHOES)

Part #	Description	Avail
517-6992	COMPACTION WHEEL 286MM (11") (INCL PINS) (396kg) Trench width 271mm (11"), 2 wheels each with 9 pads Overall Length-Height-Width: 995mm - 1138mm - 398mm	USA
517-6993	COMPACTION WHEEL 439MM (17") (INCL PINS) (504kg) Trench width 439mm (17"), 3 wheels each with 9 pads Overall Length-Height-Width: 991mm - 1112mm - 439mm	USA
517-6994	COMPACTION WHEEL 559MM (22") (INCL PINS) (535kg) Trench width 559mm (22"), 3 wheels each with 9 pads Overall Length-Height-Width: 991mm - 1110mm - 559mm	USA

OPTIONAL BACKFILL BLADE

519-5628	306MM (12") BACKFILL BLADE	(24kg)	USA
519-5629	406MM (16") / 556MM (22") BACKFILL BLADE	(28kg)	USA



COMPACTORS: VIBRATORY DRUM - SSL/CTL/MTL

Vibratory Drum Compactors are used for compacting soil, sand or gravel prior to pouring concrete or laying asphalt surfaces. They are also ideal for asphalt patch work. When fitted to a SSL/CTL/MTL/ CTL machine they provide excellent manoeuvrability for small compacting jobs that do not require a dedicated roller.

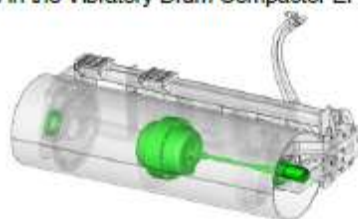


Part #	Suits: ALL SSL/CTL/MTL	Avail.
231-8600 WRKSHOP: 1.5	CV16B VIBRATORY DRUM COMPACTOR 1676MM (936kg) REQUIRES: Standard Flow Hydraulics Width overall: 1855mm Drum Diameter: 610mm SMOOTH drum design Drum Frequency - 2946 vpm @ max flow Dynamic (centrifugal) Force – 5,399kg (11,903 lb) Spring loaded dual-direction non-metallic scraper bar Hydraulic Flow range: 42-86 l/min Hydraulic Pressure range: 145-235 bar (2,100-3,400 psi) INCLUDES: DIRECT drive unit, 2 hydraulic lines with quick disconnects, mounting bracket and hardware REQUIRES: Standard Flow Hydraulics	USA

Part #	Suits: ALL SSL/CTL/MTL	Avail.
231-8601 WRKSHOP: 1.5	CV18B VIBRATORY DRUM COMPACTOR 1854MM (970kg) REQUIRES: Standard Flow Hydraulics Width overall: 2032mm Drum Diameter: 610mm SMOOTH drum design Drum Frequency - 2946 vpm @ max flow Dynamic (centrifugal) Force – 5,399kg (11,903 lb) Spring loaded dual-direction non-metallic scraper bar Hydraulic Flow range: 42-86 l/min Hydraulic Pressure range: 145-235 bar (2,100-3,400 psi) INCLUDES: DIRECT drive unit, 2 hydraulic lines with quick disconnects, mounting bracket and hardware REQUIRES: Standard Flow Hydraulics	STORE / MDC



EPP PART #	CAT VIBRATORY DRUM EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour covered Transferable within ANZ Region, *T's & C's Apply <u>Vibratory Drum Compactor</u> The following major component categories are covered in the Vibratory Drum Compactor EPP: <ul style="list-style-type: none"> • Motor Group • Drive Shaft Housing Group & Components • Drum Support Group Bearing • Hardware related to above components 	CV16B \$1460 CV18B \$1650
All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty		



COMPACTORS: VIBRATORY PLATE - MHEX

Plate compactors are designed to be used in general construction sites for ground and trench compactions to give spec, slope compaction, street repair and site development.

- Integrated pressure flow control – included in every compaction plate as standard. The valve protects the machine and the tool from rapid increase to pressure flow and enhances reliability. (i.e – No Case Drain required on machine).
- Enhanced hose routing – to minimise damage to the attachments hoses
- Bearings are designed to be lubricated in a continual oil bath.



CVP16	Suits: 302.7 / 303.5 / 304 / 305 / 305.5	Avail.
222-3780 WRKSHOP: 4 (FIT HEAD BRACKET, PINS, LINES & TEST)	CVP16 VIBRATORY PLATE COMPACTOR 305 x 610mm (216kg) PLATE AREA: 0.19m2 IMPULSE FORCE: 16.2kn (3,650 lbs) IMPACT FREQUENCY: 2,200bpm BASE PLATE PRESSURE: 88.0 kPa (12.8psi) FLOW: 38-45Lpm PRESSURE: 11,030-17,237 kPa (1600-2500 psi) REQUIRES: Head Bracket , Pins & Lines Kit to suit MHEX REQUIRES ASSEMBLY: Fitting Head Bracket, Pins & Lines - Allow 4hrs	MDC / USA
ADD HEAD BRACKET, LINES & PINS:		
438-7184 (BRKT) 154-2683 (PINS) 203-0998 (LINES)	302.7D: HEAD BRACKET, PINS & LINES KIT (59kg)	MDC / USA
437-3584 (BRKT) 154-2638 (PINS) 203-0977 (LINES)	303.5E / 304E: HEAD BRACKET, PINS & LINES KIT (63kg)	MDC / USA
437-8462 (BRKT) 282-2785 (PINS) 203-0983 (LINES)	305 / 305.5E: HEAD BRACKET, PINS & LINES KIT (63kg)	MDC / USA
CVP16 OPTIONS		
222-6443 ADDIT 1 HR	CVP16 BACKFILL BLADE FOR BACKFILLING TRENCHES (15kg)	MDC / USA
265-7461 ADDIT 1 HR	CVP16 SWIVEL PLATE (SPECIAL INSTRUCTION – GEBI0244) (~60kg)	MDC / USA



CVP16 + Swivel Plate



COMPACTORS: VIBRATORY PLATE – MHEX / BHE...cont

CVP40	Suits: 308 / BHE: 416-444	Avail.
205-5900 551-4957 (NEW) WRKSHOP: 4 (FIT HEAD BRACKET, PINS, LINES & TEST)	CVP40 VIBRATORY PLATE COMPACTOR 584 x 965mm (401kg) PLATE AREA: 0.57m ² IMPULSE FORCE: 40kn (8,928 lbs) IMPACT FREQUENCY: 2,200bpm BASE PLATE PRESSURE: 70.1 kPa (10.2psi) FLOW: 68-83Lpm PRESSURE: 12,411-15,168 kPa (1800-2200 psi) REQUIRES: Head Bracket , Pins & Lines Kit to suit MHEX / BHE REQUIRES ASSEMBLY: Fitting Head Bracket, Pins & Lines - Allow 4hrs	MDC / USA
ADD HEAD BRACKET, LINES & PINS:		
394-2330 (BRKT) 308-0324 (PINS) 490-0015 (LINES)	308E2: HEAD BRACKET, PINS & LINES KIT (101kg)	USA
394-4922 (BRKT) 178-3593 (PINS) 491-7486 (LINES)	BHE: HEAD BRACKET, PINS & LINES KIT (63kg)	USA
CVP40 OPTIONS		
211-8200 ADDIT 1 HR	CVP40 BACKFILL BLADE FOR BACKFILLING TRENCHES (51kg)	MDC / USA
264-5907 (311-2599)NEW ADDIT 1 HR	CVP40 SWIVEL PLATE (SPECIAL INSTRUCTION – GEBI0244) (~80kg)	MDC / USA



EPP PART #	CAT VIBRATORY PLATE EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour covered Transferable within ANZ Region, *T's & C's Apply	CVP16 \$720 CVP40 \$1130
All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty		

COMPACTORS: VIBRATORY PLATE – HEX

CVP75	Suits: 311, 312, 314, 315, 316, 318, 319, M313, M315, M316, M318	Avail.
205-5901 WRKSHOP: 4 (FIT HEAD BRACKET, PINS, LINES & TEST)	CVP75 VIBRATORY PLATE COMPACTOR 737 x 1092mm (802kg) PLATE AREA: 0.80m2 IMPULSE FORCE: 74kn (16,508 lbs) IMPACT FREQUENCY: 2,200bpm BASE PLATE PRESSURE: 91.9 kPa (13.3psi) FLOW: 106-121Lpm PRESSURE: 13790-17237 kPa (2000-2500 psi) REQUIRES: Head Bracket , Pins & Lines Kit to suit machine REQUIRES ASSEMBLY: Fitting Head Bracket, Pins & Lines - Allow 4hrs	USA
123-3343 (BRKT) 172-8472 (PINS) 213-0472 (LINES)	312 LINKAGE: (311F / 312F / 314F / 315F) (213kg) HEAD BRACKET, PINS & LINES KIT	MDC / USA
129-1545 (BRKT) 172-8473 (PINS) 213-0472 (LINES)	315 LINKAGE: (315D / 316E / 318F / M316F / M318F) (284kg) HEAD BRACKET, PINS & LINES KIT	MDC / USA
CVP75 OPTIONS		
212-3450 ADDIT 1 HR	CVP75 BACKFILL BLADE FOR BACKFILLING TRENCHES (110kg)	USA

CVP110	Suits: 320, 321, 324, 328, 329, 330, 336, M322	Avail.
205-5902 WRKSHOP: 4 (FIT HEAD BRACKET, PINS, LINES & TEST)	CVP110 VIBRATORY PLATE COMPACTOR 864 x 1194mm (1054kg) PLATE AREA: 1.03m2 IMPULSE FORCE: 110kn (24,669 lbs) IMPACT FREQUENCY: 2,200bpm BASE PLATE PRESSURE: 106.4 kPa (15.4psi) FLOW: 144-159Lpm PRESSURE: 13790-17237 kPa (2000-2500 psi) REQUIRES: Head Bracket , Pins & Lines Kit to suit machine REQUIRES ASSEMBLY: Fitting Head Bracket, Pins & Lines - Allow 4hrs	USA (1 x MAN/ SUNDRY STOCK)
325-9326 (BRKT) 172-8444 (PINS) 212-0785 (LINES)	B LINKAGE: (320F / 321 / 323F) (250kg) HEAD BRACKET, PINS & LINES KIT	USA
251-0068 (BRKT) 268-4450 (PINS) 212-0785 (LINES)	CB LINKAGE: (324 / 328 / 329) (282kg) HEAD BRACKET, PINS & LINES KIT	MDC / USA
482-4315 (BRKT) 290-5881 (PINS) 212-0785 (LINES)	DB LINKAGE: (330 / 336) (459kg) HEAD BRACKET, PINS & LINES KIT	USA
CVP110 OPTIONS		
212-0789 ADDIT 1 HR	CVP110 BACKFILL BLADE FOR BACKFILLING TRENCHES (Allow additional 1hr to fit) (157kg)	MDC



EPP PART #	CAT VIBRATORY PLATE EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour covered Transferable within ANZ Region, *T's & C's Apply	CVP75 \$1640 CVP110 \$2780
All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty		

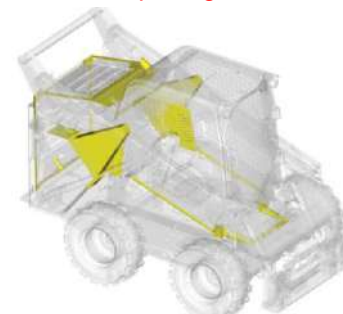
DEBRIS PROTECTION & GUARD KITS - SSL/CTL/MTL

NOTE: The Debris Protection and Guarding Solutions offered are not a substitute for the machine Operation & Maintenance Manual (OMM) instructions that the operator perform a daily walk-around inspection of the machine. The walk-around inspection includes checking for debris build up on the machine, especially around engine hot parts. For the safety of the operator and to prevent damage to the machine, it is important to continue performing walk-around inspections periodically as required by the application.

NOTE: The Debris Kits are not all available via MDC at all times – Air Freight must be considered when quoting.

DEBRIS PROTECTION KITS

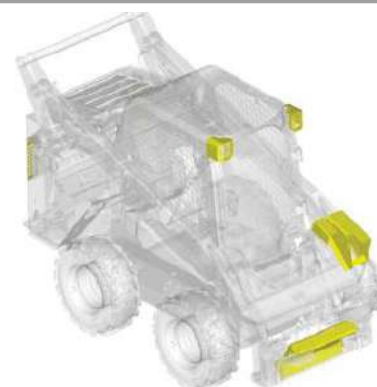
The Debris Protection Kit contains various seals, covers and brushes that are designed to cover the openings that exist between the frame, the body, the grill and the rear door of the machine. The cover assemblies that are provided in this kit are fabricated from steel. Also included are covers to guard against debris ingestion around many other areas, including the engine exhaust stack.



PART #	D-SERIES MACHINE DEBRIS PROTECTION KITS <i>The kit part number below is compatible with machines shown in the table below.</i>	SPECIAL INSTRUCTION	WRKSHPR HRS	Avail.
421-0135	226D, 232D, 239D, 249D	REHS6614	13HRS (DPO)	MDC
472-2964	236D	SEHS0198	13HRS	USA
471-7024	242D, 257D, 259D	SEHS0197	13HRS (DPO)	MDC/USA
471-7023	246D, 277D, 279D	SEHS0196	13HRS (DPO)	USA
498-6623	262D, 287D, 289D	SEHS0195	13HRS	USA
498-6622	299D2, 299D2 XHP, 297D2, 297D2 XHP, 272D2, 272D2 XHP	REHS9195	13HRS	STORE/MDC
471-7021	299D, 299D XHP, 297D, 297D XHP, 272D, 272D XHP (SERIAL # PREFIX'S: GTC, JST, BE7, HP7, B5W, ETL ONLY)	REHS9958	13HRS	USA

GUARDING KITS

The Guarding Kit contains various steel covers to provide additional protection for components that could be exposed to damage in challenging applications. Guarding is provided for protection of the front work lights, rear work lights, work tool wiring harness connection and auxiliary hydraulic quick disconnects from damage.



PART #	D-SERIES MACHINE GUARDING KITS <i>The kit part number below is compatible with machines shown in the table below.</i>	SPECIAL INSTRUCTION	WRKSHPR HRS	Avail.
422-3242	226D, 232D, 239D, 249D (Includes fuel & hydraulic fill guards)	REHS6615	4HRS (DPO)	USA
472-2967	236D, 242D, 257D, 259D	SEHS0200	4HRS (DPO)	MDC
472-2966	246D, 262D, 277D, 279D, 287D, 289D	SEHS0199	4HRS (DPO)	USA
472-2965	299D2, 299D2 XHP, 297D2, 297D2 XHP, 272D2, 272D2 XHP	REHS9959	4HRS (DPO)	STORE / MDC
	299D, 299D XHP, 297D, 297D XHP, 272D, 272D XHP (SERIAL # PREFIX'S: GTC, JST, BE7, HP7, B5W, ETL ONLY)			

Debris Protection Kits continued....next page

DEBRIS PROTECTION KITS....cont.

ENGINE AIR FILTER PRECLEANER KITS

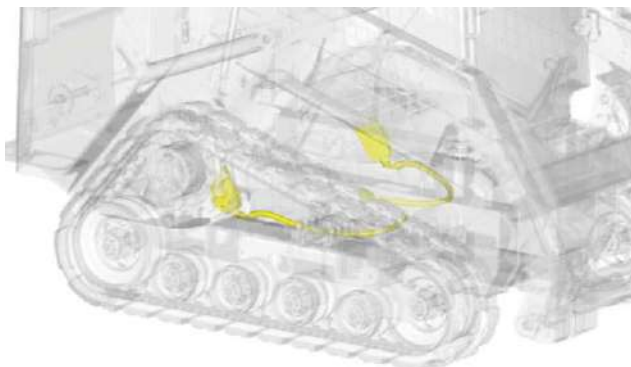
Kit provides components for improving engine air cleaner life in high dust and/or debris applications by utilizing a turbine pre-cleaner to eject particles before the engine air intake. This kit contains a turbine style pre-cleaner, air hoses, new air cleaner housing and associated hardware.



PART #	D-SERIES MACHINE ENGINE AIR CLEANER KITS <i>The kit part number below is compatible with machines shown in the table below.</i>	SPECIAL INSTRUCTION	WRKSHP HRS	Avail.
416-5780	226D, 232D, 239D, 249D	REHS8741	8HRS (DPO)	STORE/MDC
388-6641	236D, 242D, 257D, 259D	REHS5799	8HRS (DPO)	MDC
415-2795	246D, 262D, 277D, 279D, 287D, 289D	REHS5798	8HRS (DPO)	MDC
416-5965	299D2, 299D2 XHP, 297D2, 297D2 XHP, 272D2, 272D2 XHP	REHS8735	8HRS (DPO)	STORE/USA
345-3590	299D, 299D XHP, 297D, 297D XHP, 272D, 272D XHP (SERIAL # PREFIX'S: GTC, JST, BE7, HP7, B5W, ETL ONLY)	REHS5764	8HRS	STORE/CHECK

SPEED SENSOR PROTECTION KITS

This kit contains components that provide additional guarding for the speed sensor, speed sensor harness and wiring for CTL models working in challenging operating conditions.



PART #	D-SERIES MACHINE SPEED SENSOR HARNESS PROTECTION KITS <i>The kit part number below is compatible with machines shown in the table below.</i>	SPECIAL INSTRUCTION	WRKSHP HRS	Avail.
492-4965	259D	M0064964	12HRS (DPO)	MDC/CHECK
485-4342	279D, 289D, 299D, 299D XHP, 299D2, 299D2 XHP	SEHS0365	12HRS (DPO)	MDC/CHECK

(CHECK = REFER TO PARTS STORE FOR INDIVIDAL PARTS REQUIRED AS NO LONGER AVAILABLE AS A KIT)

NOTE: The Debris Protection and Guarding Solutions offered above are not a substitute for the machine Operation & Maintenance Manual (OMM) instructions that the operator perform a daily walk-around inspection of the machine. The walk-around inspection includes checking for debris build up on the machine, especially around engine hot parts. For the safety of the operator and to prevent damage to the machine, it is important to continue performing walk-around inspections periodically as required by the application.

DEBRIS KITS: LANDCARE PACKAGE - SSL/CTL/MTL

PART #	SUITS: 239D / 249D	LANDCARE PACKAGE # 1	SPECIAL INSTRUCTION	WORKSHOP HOURS
416-5705	TURBO GUARD		REHS7828	3 HRS (DPO)
416-5780	ENGINE AIR FILTER PRE-CLEANER KIT		REHS8741	8 HRS (DPO)
421-0135	DEBRIS KIT		REHS6614	13 HRS (DPO)
422-3242	GUARDING KIT		REHS6615	4HRS (DPO)
(REFER TO INTRANET/ SALES ADMIN FOR PRICING)			TOTAL HOURS:	28 HRS (DPO)

PART #	SUITS: 259D	LANDCARE PACKAGE # 2	SPECIAL INSTRUCTION	WORKSHOP HOURS
416-5705	TURBO GUARD		REHS7828	3 HRS (DPO)
388-6641	ENGINE AIR FILTER PRE-CLEANER KIT		REHS8741	8 HRS (DPO)
435-9031	FAN/DEMAND REVERSE		REHS6604	8 HRS (DPO)
471-7024	DEBRIS KIT		SEHS0197	13 HRS (DPO)
472-2967	GUARDING KIT		SEHS0200	4 HRS (DPO)
492-4965	SPEED SENSOR HARNESS		MOO64964	12 HRS (DPO)
(REFER TO INTRANET/ SALES ADMIN FOR PRICING)			TOTAL HOURS:	48 HRS (DPO)

PART #	SUITS: 279D / 289D	LANDCARE PACKAGE # 3	SPECIAL INSTRUCTION	WORKSHOP HOURS
416-5705	TURBO GUARD		REHS7828	3 HRS (DPO)
415-2795	ENGINE AIR FILTER PRE-CLEANER KIT		REHS5798	8 HRS (DPO)
435-9031	FAN/DEMAND REVERSE		REHS6604	8 HRS (DPO)
471-7023	DEBRIS KIT		SEHS0196	13 HRS (DPO)
472-2966	GUARDING KIT		SEHS0199	4 HRS (DPO)
485-4342	SPEED SENSOR HARNESS		SEHS0365	12 HRS (DPO)
(REFER TO INTRANET/ SALES ADMIN FOR PRICING)			TOTAL HOURS:	48 HRS (DPO)

PART #	SUITS: 299D	LANDCARE PACKAGE # 4	SPECIAL INSTRUCTION	WORKSHOP HOURS
444-6050	TURBO GUARD		REHS9969	3 HRS (DPO)
416-5965	ENGINE AIR FILTER PRE-CLEANER KIT		REHS8735	8 HRS (DPO)
435-9237	FAN/DEMAND REVERSE		REHS6604	8 HRS (DPO)
498-6622	DEBRIS KIT		REHS9195	13 HRS (DPO)
472-2965	GUARDING KIT		REHS9959	4 HRS (DPO)
451-8378	COOLER / AUX HYDRAULIC		REHS9189	15 HRS (DPO)
(REFER TO INTRANET/ SALES ADMIN FOR PRICING)			TOTAL HOURS:	51 HRS (DPO)

NOTE: The Landcare Packages are not all available via MDC at all times – Air Freight must be considered when quoting.

FLAIL MOWER - MHEX

Flail mowers are a great tool for Mini Excavators in maintain overgrown vegetation to a thickness of 100mm. It is ideal for maintenance purposes and is not to be confused with a mulcher. CAT recommends fitting with a standard quick hitch but depending on the operator this can be fitted to a MHEX with a CAT tilting hitch for versatility.

NOTE: Machine will need to be fitted with case drain lines and Protection screens for the front window.

MHE Flail Mowers
5 ton and 8 ton



HMF110	Suits: 305E2, 305.5E2	Avail.
504-6010 504-6159 WRKSHOP: 9.5	HMF110 FLAIL MOWER (381kg) Overall width: 1187mm Working width: 1000mm Overall Height: 738mm, Length: 853mm Maximum Cutting diameter: 50-75mm (2"-3") Hydraulic Flow range: 50-80 Lpm Hydraulic Pressure range: 150-250 bar (2175-3626 psi) INCLUDES: V-Belt Drive drum with 16 hammer teeth, axial piston motor, mounting bracket and pins, connecting lines and quick disconnects REQUIRES: Case drain kit 504-6159 to be fitted to machine (Refer to Special Instruction: M0081772)	USA / MDC



Flail Mower @
Work

HMF210	Suits: 308E2	Avail.
504-6011 504-6156 WRKSHOP: 9.5	HMF210 FLAIL MOWER (388kg) Overall width: 1187mm Working width: 1000mm Overall Height: 62mm, Length: 853mm Maximum Cutting diameter: 50-75mm (2"-3") Hydraulic Flow range: 70-130 Lpm Hydraulic Pressure range: 150-250 bar (2175-3626 psi) INCLUDES: V-Belt Drive drum with 16 hammer teeth, axial piston motor, mounting bracket and pins, connecting lines and quick disconnects REQUIRES: Case drain kit 504-6156 to be fitted to machine (Refer to Special Instruction: M0081772)	USA



Flail Mower
Overview –
Alex Gajewski



UPGRADING HMF110 & HMF210 TO FIT TILTING COUPLER

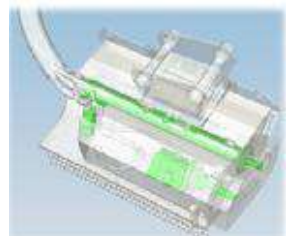
If fitting to a 305E with a Tilting CAT quick hitch you will need to replace the hydraulic jumper lines. Below are the part numbers and Qty required:

Hose 1: 111 x **238-8341** and cut to 2800mm will also require 2 x **432-2008** fittings
Hose 2: 107 x **238-8341** and cut to 2700mm will also require 2 x **432-2008** fittings
Hose 3: 111 x **238-8339** and cut to 2800mm will also require 2 x **328-9090** fittings

MADE TO ORDER
WRKSHOP: 5hrs

OPTIONAL Replacement Teeth for HMF110 & HMF210 FLAIL MOWER

Part #	Description	Part #	Description
504-6062	Hammer Tooth (As supplied Factory Standard) 	504-6163	Optional Y-Blade Tooth 

EPP PART #	CAT FLAIL MOWER EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour covered Transferable within ANZ Region, *T's & C's Apply Flail Mowers The following major component categories are cover in the Flail Mower EPP <ul style="list-style-type: none"> • Drive Group • Rotary Cutter Drum Group • Hydraulic Group & Piston 	HMF110 \$1470 HMF210 \$1470
All EPP requests MUST be lodged with NSW Warranty Helpdesk . Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty		



FORKS & CARRIAGES – SSL/CTL/MTL & BACKHOE

Pallet forks are suited for moving bulky or palletised materials on construction and industrial sites, landscaping & nursery sites. Class II Fork tines are rated up to 4T. Check machine OMM for actual machine lifting capacity.
Cat SSL Forks are the best price-for-capacity forks in the Aus. market






Hint: Standard Pallets are approx. 1200mm deep – ideally the load should sit against the carriage and the tine should not exceed the pallet otherwise there is a high likelihood of damage to contents in pallets parked behind.

PRE-ASSEMBLED PACKAGE

Part #	Suits: SSL/CTL/MTL	Avail.
353-1696	PALLET FORK & CARRIAGE PACKAGE w'1067mm Tines Standard Hook Class II Carriage. Overall Carriage width with step, 1270mm. Includes 1 pc. 351-9371 carriage and 2 pcs. of 195-6942 forks  (198kg)	MDC / USA
353-1697	PALLET FORK & CARRIAGE PACKAGE w'1220mm Tines Standard Hook Class II Carriage. Overall Carriage width with step, 1270mm. Includes 1 pc. 351-9371 carriage and 2 pcs. of 195-8545 forks  (209kg)	MDC

UN-ASSEMBLED

Part #	Suits: ALL SSL/CTL/MTL	Avail.
351-9371 WRKSHOP: 0.5 (ASSEMBLE CARRIAGE & TINES)	CARRIAGE (REQ FORK/TINES) Standard Hook Class II Carriage. Overall Carriage width with step, 1270mm.  (96kg)	STORE / MDC
195-6942 x 2	FORK TINE 1067mm DIA: 40mm x 100mm x 1067mm, Class II Steel. (Order one pair)  (94kg)	STORE / MDC
195-8545 x 2	FORK TINE 1220mm DIA: 40mm x 100mm x 1220mm, Class II Steel. (Order one pair)  (104kg)	STORE / MDC

BACKHOE FORKS & CARRIAGES

Part #	Suits: ALL BACKHOE'S (416-444), ITXX & 9XX WITH IT QUICK COUPLER	Avail.
6W-8832 WRKSHOP: 0.5 (ASSEMBLE CARRIAGE & TINES)	CARRIAGE (REQ FORK/TINES) Standard carriage. Does NOT include tines. FOR USE WITH: BACKHOE 428 - 444D/E/F SERIES + IT14/28 , 924-938 with standard IT quick coupler REQUIRES: 2 tines, please order separately.  (317kg)	MDC
6W-8900 x 2	FORK TINE 1220mm DIA: 50mm x 127mm x 1220mm, Class III Steel. (Order one pair) (128kg)	MDC
6W-9739 x 2	FORK TINE 1350mm DIA: 50mm x 130mm x 1350mm, Class III Steel. (Order one pair) (312kg)	MDC

FORKS & CARRIAGES – CWL/SWL/MWL

Fusion Pallet Forks have an open frame design and offset tines. This offers maximum visibility to the tines at ground level & at truck bed height.



CWL FORKS: 906-908K

Part #	Suits: 906H/K/M WITH SSL QUICK COUPLER	Avail.
261-1350 WRKSHOP: 0.5 (ASSEMBLE CARRIAGE & TINES)	CARRIAGE (REQ TINES) 906H/K/M (CLASS II) (113kg) Standard carriage 1400mm width. Does NOT include tines. 906H/M with standard SSL quick coupler Only accepts Class II tines REQUIRES: 2 tines.	USA
161-2437 x 2	FORK TINE 1220mm (CLASS II) (104kg pair) TINE WIDTH: 100mm TINE THICKNESS: 45mm HOOK TYPE, LEVER RETENTION	MDC / USA

Part #	Suits: 908H/K/M WITH SSL QUICK COUPLER	Avail.
261-1413 WRKSHOP: 0.5 (ASSEMBLE CARRIAGE & TINES)	CARRIAGE (REQ TINES) 908H/K/M (CLASS III) (129kg) Standard carriage 1400mm width. Does NOT include tines. 906H/M with standard SSL quick coupler Only accepts Class III tines REQUIRES: 2 tines	USA
368-2610 x 2	FORK TINE 1220mm OFFSET (DROP) CLASS III (142kg pair) Offset (drop) forks used to prevent loader arm dragging in truck bed VERTICAL EXTENSION: 178mm TINE WIDTH: 100mm TINE THICKNESS: 50mm HOOK TYPE, PULL RETENTION	USA

SWL FORKS: 924-938K

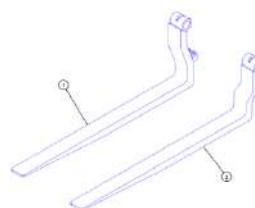
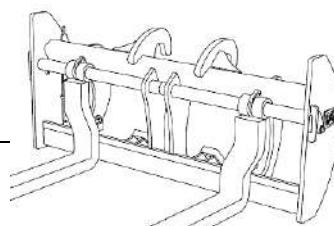
Part #	Suits: 924K / 930K / 938K WITH FUSION QUICK COUPLER	Avail.
345-2417 WRKSHOP: 0.5 (ASSEMBLE CARRIAGE & TINES)	CARRIAGE (REQ TINES) (354kg) Standard carriage 1525mm width. Does NOT include tines. 924-938 with standard Fusion quick coupler Only accepts Class IV tines REQUIRES: 2 tines, please order separately.	MDC
OFFSET TINES		
371-2374(R) x 1 371-2375(L) x 1	FORK TINE 1220mm Left & Right (274kg pair) TINE WIDTH: 150mm (6") TINE THICKNESS: 60mm (2.25") LOAD CAPACITY @ LOAD CENTRE (PER TINE): 4,000kg ea	MDC
371-2377(R) x 1 371-2376(L) x 1	FORK TINE 1524mm Left & Right (316kg pair) TINE WIDTH: 150mm (6") TINE THICKNESS: 60mm (2.25") LOAD CAPACITY @ LOAD CENTRE (PER TINE): 4,000kg ea	USA



Cat® Forks for Small Wheel Loaders

FORKS: 950-972K

Part #	Suits: 950 H/K/M – 972 H /K/M WITH FUSION QUICK COUPLER	Avail.
520-7957 WRKSHOP: 1hr (ASSEMBLE CARRIAGE & TINES)	PALLET FORKS CARRIAGE (REQ TINES) (799kg) Standard carriage 2438mm width. Does NOT include tines. 950-972 with standard Fusion quick coupler Forks can be configured to allow the tines to either swing or stay in a fixed position. REQUIRES: 2 tines, please order separately.	USA
520-7968 WRKSHOP: 1hr (ASSEMBLE CARRIAGE & TINES)	PALLET FORK CARRIAGE (REQ TINES) (799kg) Standard carriage 2743mm width. Does NOT include tines. 950-972 with standard Fusion quick coupler Forks can be configured to allow the tines to either swing or stay in a fixed position. REQUIRES: 2 tines, please order separately.	USA
OFFSET TINES - Offer maximum visibility to the tines at ground level and truck bed height.		
520-7980 x 1	FORK TINE 1524mm L&R OFFSET PAIR (522kg pair) TINE WIDTH: 180mm (6") TINE THICKNESS: 90mm (2.25")	USA
520-7979 x 1	FORK TINE 1829mm L&R OFFSET PAIR (584kg pair) TINE WIDTH: 180mm (6") TINE THICKNESS: 90mm (2.25")	USA
520-7986 x 1	FORK TINE 2134mm L&R OFFSET PAIR (709kg pair) TINE WIDTH: 180mm (6") TINE THICKNESS: 90mm (2.25")	USA
520-7981 x 1	FORK TINE 2438mm L&R OFFSET PAIR (709kg pair) TINE WIDTH: 180mm (6") TINE THICKNESS: 90mm (2.25")	USA



GRAPPLE BUCKETS – SSL/CTL/MTL

Cat® industrial grapple buckets are designed to easily handle a wide array of bulky, irregularly shaped objects encountered in demolition, industrial, construction, recycling, storm debris clean-up, landscaping, and other aggressive applications.



Bucket Industrial Grapple – Heavy Duty Construction with exception bracing designed for demolition, construction and recycling where product is required to be braced for movement

1524mm	Suits: 216B3, 226D	Avail.
157-7226 WRKSHOP: 1.5	INDUSTRIAL GRAPPLE BUCKET 1524mm (60") BOCE (474kg) Width over base edge 1524mm (62"), Jaw Opening: 1016mm (40") INCLUDES: 1 piece Bolt on cutting edge, 2 heavy duty grapple assemblies	USA
GET	BOCE: 135-9394 x 1 + (BOLTS: 159-2953 x 8) + (LOCKNUTS: 8T-4778 x 8)	

1676mm	Suits: 236D, 239D, 242D, 246D, 249D, 259D, 262D	Avail.
157-7227 WRKSHOP: 1.5	INDUSTRIAL GRAPPLE BUCKET 1676mm (66") BOCE (487kg) Width over base edge 1676mm (66"), Jaw Opening: 1016mm (40") INCLUDES: 1 piece Bolt on cutting edge, 2 heavy duty grapple assemblies	MDC / USA
GET	BOCE: 135-9395 x 1 + (BOLTS: 159-2953 x 8) + (LOCKNUTS: 8T-4778 x 8)	

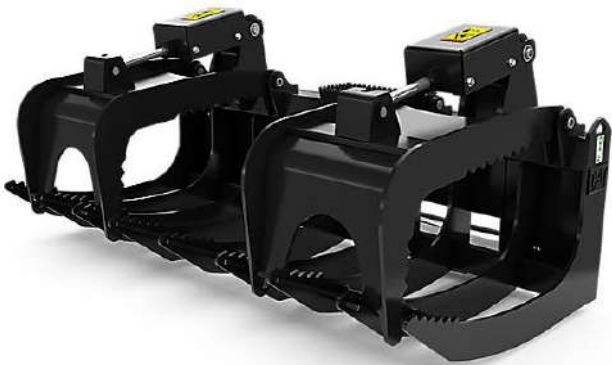
1830mm	Suits: 272D2, 272D2 XPS	Avail.
158-6095 WRKSHOP: 1.5	INDUSTRIAL GRAPPLE BUCKET 1830mm (72") BOCE (501kg) Width over base edge 1830mm (72"), Jaw Opening: 1016mm (40") INCLUDES: 1 piece Bolt on cutting edge, 2 heavy duty grapple assemblies	MDC / USA
GET	BOCE: 135-9396 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11)	

1981mm	Suits: 272D2 XHP, 279D, 289D, 299D2, 299D2 XHP	Avail.
217-6230 WRKSHOP: 1.5	INDUSTRIAL GRAPPLE BUCKET 1981mm (78") BOCE (518kg) Width over base edge 1981mm (78"), Jaw Opening: 1016mm (40") INCLUDES: 1 piece Bolt on cutting edge, 2 heavy duty grapple assemblies	USA
GET	BOCE: 135-9397 x 1 + (BOLTS: 159-2953 x 11) + (LOCKNUTS: 8T-4778 x 11)	



GRAPPLE RAKES – SSL/CTL/MTL

Cat® industrial grapple rakes are designed to easily handle a wide array of bulky, irregularly shaped objects encountered in demolition, industrial, construction, recycling, storm debris clean-up, landscaping, and other aggressive applications



Rake Industrial Grapple – Perfect for lifting large irregular object such as tree stumps , poles and rubble and clamping down on them and moving around on site.

1830mm	Suits: 216B3, 226 - 299	Avail.
286-9300 WRKSHOP: 1.5	INDUSTRIAL GRAPPLE RAKE 1830mm (72") Width : 1830mm (72"), Jaw Opening: 940mm (40"), 9-Tines INCLUDES: 2 Cylinders, 2 heavy duty grapple assemblies	(485kg) MDC / USA

2134mm	Suits: 262 – 299	Avail.
286-9301 WRKSHOP: 1.5	INDUSTRIAL GRAPPLE RAKE 2134mm (84") Width : 2134mm (84"), Jaw Opening: 940mm (40"), 11-Tines INCLUDES: 2 Cylinders, 2 heavy duty grapple assemblies	(506kg) MDC / USA

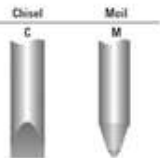


HAMMERS – MICRO HEX (300.9D)

The H25D hammer is specifically designed to fit the 300.9 MHEX, The Hammer features a high blow per a minute rate, a single, lower tool bushing that can be changed out in minutes.



CAT® HAMMER H25D Suits: 300.9D	REQUIRE:	CAT Part #	Avail
CAT® HAMMER H25D (Non-Silenced) Energy Class: 169 J (125 ft-lb) Blows per min: 1000-1900 Op Weight: 70kg (inc bracket & chisel) For Caterpillar machine model: 300.9D Or for non-current or competitive carriers with: Weight Range: 0.8-1.1 ton Oil Flow: 15-25 L/min Max Operating Pressure: 16 500 kPa (2393 psi) Includes: Hammer, Chisel tool, Mounting Bracket & Connecting Lines.	H25D HAMMER & CHISEL	372-1528	STORE / WORLDWIDE SHORTAGE TILL APPROX SEPT 2018
	MOUNTING BRACKET	371-6751	
	LINES KIT	374-2080	
	300.9D PINS	373-5697 x 2	
	300.9D PIN RETENTION	373-5664 x 2	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE 1 x to assemble hammer & 1 x to give to customer	130-6951 x 2	
	BUILD-UP Includes Assembly , discharge & recharge of nitrogen & testing	3 HRS	

Tool Selection: Symbols for tools: 	ADDITIONAL TOOL OPTIONS		
	CROSS CUT CHISEL	373-1609	MDC
	MOIL (CONE)	373-9233	STORE / MDC

EPP PART #	CAT H25Ds HAMMER EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour covered Transferable within ANZ Region, *T's & C's Apply	H25Ds \$410
All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Note: No Helpdesk, No Warranty		



HAMMERS – B-SERIES MHEX (NEW) AVAIL NOW

The B4 and B6 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.



CAT® HAMMER B6s			
For: 303.5E, 304E2	REQUIRE:	CAT Part #	Avail
HAMMER B6s FLAT TOP (SILENCED) Silenced hydraulic hammer, flat top with drill pattern LG Energy Class: 681J (502ft-lb), BPM: 500-900 Rated Flow: 40-70 L/min, Op Weight: 145-250kg Op Pressure: 1,988psi, Carrier Wt Range: 3T Sound Power Level Lwa as tested per Directive 2000/14/EC: 124dB(A) INCLUDES: Hammer, 1 tool box, 1 charging kit (excl. nitrogen), 2 tools (1x cone and 1x chisel cross cut), Lines, Mounting Bracket, Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards REQUIRES: Hammer side: nitrogen charge CAT® 12-MONTH FACTORY WARRANTY	B6s HAMMER incl. Chisel & Cone	532-9206	MDC
	MOUNTING BRACKET	437-3584 / 532-9063	MDC / STORE
	LINES KIT	532-9088	MDC
	PINS KIT (40MM)	154-2638	STORE
	GREASE GUN	8F-9866	STORE
	CAT HAMMER GREASE	130-6951 x 1	STORE
	BUILD-UP / ASSEMBLY Includes Assembly , discharge & recharge of nitrogen & testing	4 HRS	WRKSHOP

CAT® HAMMER B6s			
For: 305E2, 305.5E2	REQUIRE:	CAT Part #	Avail
HAMMER B6s FLAT TOP (SILENCED) Silenced hydraulic hammer, flat top with drill pattern LG Energy Class: 681J (502ft-lb), BPM: 500-900 Rated Flow: 40-70 L/min, Op Weight: 145-250kg Op Pressure: 1,988psi, Carrier Wt Range: 3T Sound Power Level Lwa as tested per Directive 2000/14/EC: 124dB(A) INCLUDES: Hammer, 1 tool box, 1 charging kit (excl. nitrogen), 2 tools (1x cone and 1x chisel cross cut), Lines, Mounting Bracket, Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards REQUIRES: Hammer side: nitrogen charge CAT® 12-MONTH FACTORY WARRANTY	B6s HAMMER incl. Chisel & Cone	532-9206	MDC
	MOUNTING BRACKET	532-9065	MDC / OZ BKTS
	LINES KIT	532-9089	MDC
	PINS KIT (45MM)	282-2785	STORE
	GREASE GUN	8F-9866	STORE
	CAT HAMMER GREASE	130-6951 x 1	STORE
	BUILD-UP / ASSEMBLY Includes Assembly , discharge & recharge of nitrogen & testing	4 HRS	WRKSHOP

CAT® HAMMER B6s			
For: 308E, 308E2	REQUIRE:	CAT Part #	Avail
HAMMER B6s FLAT TOP (SILENCED) Silenced hydraulic hammer, flat top with drill pattern LG Energy Class: 681J (502ft-lb), BPM: 500-900 Rated Flow: 40-70 L/min, Op Weight: 145-250kg Op Pressure: 1,988psi, Carrier Wt Range: 3T Sound Power Level Lwa as tested per Directive 2000/14/EC: 124dB(A) INCLUDES: Hammer, 1 tool box, 1 charging kit (excl. nitrogen), 2 tools (1x cone and 1x chisel cross cut), Lines, Mounting Bracket, Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards REQUIRES: Hammer side: nitrogen charge CAT® 12-MONTH FACTORY WARRANTY	B6s HAMMER incl. Chisel & Cone	532-9206	MDC
	MOUNTING BRACKET	532-9067	MDC / OZ BKTS
	LINES KIT	532-9089	MDC
	PINS KIT (50MM)	308-0324	STORE
	GREASE GUN	8F-9866	STORE
	CAT HAMMER GREASE	130-6951 x 1	STORE
	BUILD-UP / ASSEMBLY Includes Assembly , discharge & recharge of nitrogen & testing	4 HRS	WRKSHOP

CAT® HAMMER B6s

For: 416 – 444F2	REQUIRE:	CAT Part #	Avail
HAMMER B6s FLAT TOP (SILENCED) Silenced hydraulic hammer, flat top with drill pattern LG Energy Class: 681J (502ft-lb), BPM: 500-900 Rated Flow: 40-70 L/min, Op Weight: 145-250kg Op Pressure: 1,988psi, Carrier Wt Range: 3T Sound Power Level Lwa as tested per Directive 2000/14/EC: 124dB(A) INCLUDES: Hammer, 1 tool box, 1 charging kit (excl. nitrogen), 2 tools (1x cone and 1x chisel cross cut), Lines, Mounting Bracket, Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards REQUIRES: Hammer side: nitrogen charge CAT® 12-MONTH FACTORY WARRANTY	B6s HAMMER incl. Chisel & Cone	532-9206	MDC
	MOUNTING BRACKET	439-4471	MDC / OZ BKTS
	LINES KIT	551-1541	USA / GRM
	AIR FREIGHT FOR LINES KIT	\$74.32+GST	
	PINS KIT (45 & 50MM)	178-3593	STORE
	GREASE GUN	8F-9866	STORE
	CAT HAMMER GREASE	130-6951 x 1	STORE
	BUILD-UP / ASSEMBLY Includes Assembly, discharge & recharge of nitrogen & testing	4 HRS	WRKSHOP

					ALTERNATIVE TOOL OPTIONS			
					A	CHISEL (CROSS CUT)	523-3197	CHECK
					B	MOIL (PYRAMID)	523-3193	CHECK
					C	BLUNT	523-3196	CHECK

Gas Fired Design

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.



Toolbox contents

HAMMERS – E-SERIES MHEX (NOTE: WORLDWIDE SHORTAGES TILL FEB 2019)

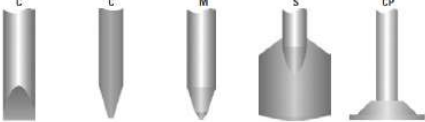
Cat® Hydraulic Hammers are manufactured by Caterpillar in a Caterpillar factory in Waco Texas USA. The hammers are designed to be utilised in a demolition environment.

Caterpillar Hammers are:

- Designed for High frequency and high productivity with a ultra-high blow rate to get the job done fast
- Have fewer parts minimizing lifecycle ownership costs, while common wear items are designed to be replaced in the field.
- 6- Piece isolation systems – isolates vibration transmitted to the machine via the stick for machine protection and operator comfort
- Silenced as standard, allowing usage in metro environments & around hospitals
- Built in hydraulic accumulator protects the machines hydraulic pumps from hydraulic pressure spikes
- Built in Auto Shut off Valve to prevent blank firing - protecting the hammer & machine.



When quoting against an opposition hammer see “Pre-empting the price objection” section below for reasons Cat Hammers are better value for business!

CAT® HAMMER H35Es			
Suits: 301.7D HAMMER H35Es FLAT TOP (SILENCED) Energy Class: 407J (300ft-lb), BPM: 600-1800 Rated Flow: 12-35 L/min, Op Weight: 125-130kg, Op Pressure:, 2393psi, Carrier Wt Range: 1.1-2.4T Sound Power Level Lwa as tested per Directive 2000/14/EC: 121dB(A) INCLUDES: Hammer, Lines, Mounting Bracket, Pins, 1 tool box, excl. charging kit/nitrogen, incl. 2 tools (1x moil and 1x chisel cross cut), Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards Hammer side: nitrogen charge	REQUIRE:	CAT Part #	Avail
	H35Es HAMMER + Chisel & Moil	551-4948	STORE 50 WHILE STOCKS LAST
	MOUNTING BRACKET	440-0696	
	LINES KIT	290-3181	
	PINS KIT	154-2672	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE (1 for Assembly & 1 for Customer)	130-6951 x 2	WORLDWIDE SHORTAGE TILL APPROX SEPT 2018
ASSEMBLY (Assembly , discharge & recharge of nitrogen & testing)	4 HRS		
OPTIONAL: CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN - Parts & Labour covered: 36 months / 26,280 hours from Delivery Date. EPP is transferable within ANZ Region		86NSUU1220000 86NSUU3630200	2018 \$560 (EX GST)
<div>Tool Selection: Symbols for tools:</div> <div><div>Chisel C</div><div>Crosscut Chisel C</div><div>Moil M</div><div>Spade* S</div><div>Compacting Plate CP</div></div> <div></div>		ALTERNATIVE / ADDITIONAL TOOL OPTIONS	
CROSS CUT CHISEL		428-8033	STORE/MDC
MOIL (CONE)		423-8334	STORE/MDC
SPADE (TRANSVERSE)		433-9658	USA
COMPACTING PLATE		433-9645	USA

CAT® HAMMER H45Es			
For: 302.4D, 302.5C, 302.7D	REQUIRE:	CAT Part #	Avail
HAMMER H45Es FLAT TOP (SILENCED) Energy Class: 542J (400ft-lb), BPM: 780-1800 Rated Flow: 25-62 L/min, Op Weight: 145-250kg Op Pressure:, 2465psi, Carrier Wt Range: 1.5-3.2T Sound Power Level Lwa as tested per Directive 2000/14/EC: 121dB(A) INCLUDES: Hammer, Lines, Mounting Bracket, Pins, 1 tool box, excl. charging kit/nitrogen, incl. 2 tools (1x moil and 1x chisel cross cut), Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards Hammer side: nitrogen charge	H45Es HAMMER + Chisel & Moil	551-4949	WORLDWIDE SHORTAGE TILL APPROX SEPT 2018 USA
	MOUNTING BRACKET	440-0040	
	LINES KIT	292-0231	
	PINS KIT	154-2683	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE (1 for Assembly & 1 for Customer)	130-6951 x 2	
	ASSEMBLY (Assembly , discharge & recharge of nitrogen & testing)	4 HRS	
OPTIONAL: CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN		86NSUU1220000	2018
- Parts & Labour covered: 36 months / 26,280 hours from Delivery Date. EPP is transferable within ANZ Region		86NSUU3630200	\$760 (EX GST)
<div>Tool Selection:</div> <div>Symbols for tools:</div> <div><div>Chisel</div><div>C</div><div>Crosscut Chisel</div><div>C</div><div>Moil</div><div>M</div><div>Spade*</div><div>S</div><div>Compacting Plate</div><div>CP</div></div>		ALTERNATIVE / ADDITIONAL TOOL OPTIONS	
CROSS CUT CHISEL		428-8025	MDC
MOIL (CONE)		423-8329	MDC/USA
SPADE (TRANSVERSE)		433-9656	USA
COMPACTING PLATE		433-9646	USA

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly.

Need to provide supply doc #, Work Tool Serial # & Customer contact details. **Note:** No Helpdesk, No Warranty

CAT® HAMMER H55Es

For: 303.5D/E, 304D/E	REQUIRE:	CAT Part #	Avail
HAMMER H55Es FLAT TOP (SILENCED) Energy Class: 813J (600ft-lb), BPM: 600-1680 Rated Flow: 30-85 L/min, Op Weight: 260-345kg Op Pressure: 2393psi, Carrier Wt Range: 2.5-6T Sound Power Level Lwa as tested per Directive 2000/14/EC: 121dB(A) INCLUDES: Hammer, Lines, Mounting Bracket, Pins, 1 tool box, excl. charging kit/nitrogen, incl. 2 tools (1x moil and 1x chisel cross cut), Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards Hammer side: nitrogen charge	H55Es HAMMER + Chisel & Moil	551-4951	WORLDWIDE SHORTAGE TILL APPROX FEB 2019 – USE B6s HAMMER
	MOUNTING BRACKET	437-3584	
	LINES KIT	330-5359	
	PINS KIT - 303	154-2638	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE (1 for Assembly & 1 for Customer)	130-6951 x 2	
ASSEMBLY (Assembly, discharge & recharge of nitrogen & testing)		5 HRS	
OPTIONAL: CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN - Parts & Labour covered: 36 months / 26,280 hours from Delivery Date. EPP is transferable within ANZ Region		86NSUU1220000 86NSUU3630200	2018 \$900 (EX GST)
Tool Selection: Chisel, Crosscut Chisel, Moil, Spade*, Compacting Plate Symbols for tools: C, C, M, S, CP		ALTERNATIVE / ADDITIONAL TOOL OPTIONS	
		CROSS CUT CHISEL	428-8024 STORE/MDC
		MOIL (CONE)	423-8312 STORE/MDC
		SPADE (TRANSVERSE)	433-9554 USA
		COMPACTING PLATE	433-9648 USA

For: 305D/E, 305.5D/E	REQUIRE:	CAT Part #	Avail
HAMMER H55Es FLAT TOP (SILENCED) Energy Class: 813J (600ft-lb), BPM: 600-1680 Rated Flow: 30-85 L/min, Op Weight: 260-345kg Op Pressure: 2393psi, Carrier Wt Range: 2.5-6T Sound Power Level Lwa as tested per Directive 2000/14/EC: 121dB(A) INCLUDES: Hammer, Lines, Mounting Bracket, Pins, 1 tool box, excl. charging kit/nitrogen, incl. 2 tools (1x moil and 1x chisel cross cut), Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards Hammer side: nitrogen charge	H55Es HAMMER + Chisel & Moil	551-4951	WORLDWIDE SHORTAGE TILL APPROX FEB 2019 – USE B6s HAMMER
	MOUNTING BRACKET	437-8462	
	LINES KIT	330-5359	
	PINS KIT - 305	282-2785	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE (1 for Assembly & 1 for Customer)	130-6951 x 2	
ASSEMBLY (Assembly, discharge & recharge of nitrogen & testing)		5 HRS	
OPTIONAL: CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN - Parts & Labour covered: 36 months / 26,280 hours from Delivery Date. EPP is transferable within ANZ Region		86NSUU1220000 86NSUU3630200	2018 \$900 (EX GST)
Tool Selection: Chisel, Crosscut Chisel, Moil, Spade*, Compacting Plate Symbols for tools: C, C, M, S, CP		ALTERNATIVE / ADDITIONAL TOOL OPTIONS	
		CROSS CUT CHISEL	428-8024 STORE/MDC
		MOIL (CONE)	423-8312 STORE/MDC
		SPADE (TRANSVERSE)	433-9554 USA
		COMPACTING PLATE	433-9648 USA

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. **Note:** No Helpdesk, No Warranty

YouTube: Cat® E-Series Hammer: Operating Tips	
YouTube: Cat® E-Series Hammer: Blank Fire Protection	
YouTube: Cat® E-Series Hammer: Bigger isnt always Better	
YouTube: Cat® E-Series Hammer: Correct Storage = Longer Life	

Hammers continued....next page

**** NOTE: WORLDWIDE SHORTAGE TILL APPROX SEPT 2018****






CAT® HAMMER H65Es

For: 305D/E, 305.5D/E	REQUIRE:	CAT Part #	Avail
HAMMER H65Es FLAT TOP (SILENCED) Energy Class: 1085J (800ft-lb), BPM: 720-1740 Rated Flow: 40-115 L/min, Op Weight: 315-390kg Op Pressure: 2393psi, Carrier Wt Range: 3-9T Sound Power Level Lwa as tested per Directive 2000/14/EC: 121dB(A) INCLUDES: Hammer, Lines, Mounting Bracket, Pins, 1 tool box, excl. charging kit/nitrogen, incl. 2 tools (1xmoil and 1x chisel cross cut), Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards Hammer side: nitrogen charge	H65Es HAMMER + Chisel & Moil	551-4952	WORLDWIDE SHORTAGE TILL APPROX FEB 2019 – USE B6s HAMMER
	MOUNTING BRACKET	437-8462	
	LINES KIT	270-8682	
	PINS KIT - 305	282-2785	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE 1 x to assemble hammer & 1 x to give to customer	130-6951 x 2	
	ASSEMBLY Includes Assembly, discharge & recharge of nitrogen & testing	6 HRS	

For: 308D/E, 308E2	REQUIRE:	CAT Part #	Avail
HAMMER H65Es FLAT TOP (SILENCED) Energy Class: 1085J (800ft-lb), BPM: 720-1740 Rated Flow: 40-115 L/min, Op Weight: 315-390kg Op Pressure: 2393psi, Carrier Wt Range: 3-9T Sound Power Level Lwa as tested per Directive 2000/14/EC: 121dB(A) INCLUDES: Hammer, Lines, Mounting Bracket, Pins, 1 tool box, excl. charging kit/nitrogen, incl. 2 tools (1xmoil and 1x chisel cross cut), Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards Hammer side: nitrogen charge	H65Es HAMMER + Chisel & Moil	551-4952	WORLDWIDE SHORTAGE TILL APPROX FEB 2019 – USE B6s HAMMER
	MOUNTING BRACKET	437-9774	
	LINES KIT FOR COUPLER	353-8832	
	PINS KIT - BHE	308-0324	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE 1 x to assemble hammer & 1 x to give to customer	130-6951 x 2	
	ASSEMBLY Includes Assembly, discharge & recharge of nitrogen & testing	6 HRS	

For: BACKHOE 416E/F - 444E/F w'SIDE-SHIFT	REQUIRE:	CAT Part #	Avail
HAMMER H65Es FLAT TOP (SILENCED) Energy Class: 1085J (800ft-lb), BPM: 720-1740 Rated Flow: 40-115 L/min, Op Weight: 315-390kg Op Pressure: 2393psi, Carrier Wt Range: 3-9T Sound Power Level Lwa as tested per Directive 2000/14/EC: 121dB(A) INCLUDES: Hammer, Lines, Mounting Bracket, Pins, 1 tool box, excl. charging kit/nitrogen, incl. 2 tools (1xmoil and 1x chisel cross cut), Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards Hammer side: nitrogen charge	H65Es HAMMER + Chisel & Moil	551-4952 (415-1112)	WORLDWIDE SHORTAGE TILL APPROX FEB 2019 – USE B6s HAMMER
	MOUNTING BRACKET	439-4471	
	LINES KIT	313-4791	
	¾" TWIST-TO-CONNECT QD's	455-7380	
	PINS KIT - BHE	178-3593	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE 1 x to assemble hammer & 1 x to give to customer	130-6951 x 2	
	ASSEMBLY Includes Assembly, discharge & recharge of nitrogen & testing	6 HRS	

CAT® H65Es OPTION & ADDITIONAL TOOL OPTIONS

OPTIONAL: CAT® EPP – H65Es HAMMER EQUIPMENT PROTECTION PLAN - Parts & Labour covered: 36 months / 26,280 hours from Delivery Date. - EPP is transferable within ANZ Region NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.		86NSUU1220000 86NSUU3630200	2018 \$1170 (EX GST)
Tool Selection: Symbols for tools: <div>      </div>		ALTERNATIVE / ADDITIONAL TOOL OPTIONS	
CROSS CUT CHISEL		428-8022	MDC/USA
MOIL (CONE)		423-8308	USA
BLUNT		433-8309	USA
COMPACTING PLATE		433-9651	USA

Hammers continued....next page

**** NOTE: WORLDWIDE SHORTAGE TILL APPROX SEPT 2018****

CAT® HAMMER H80Es

For: 308E	REQUIRE:	CAT Part #	Avail
HAMMER H80Es FLAT TOP (SILENCED) Energy Class: 1356J (1000ft-lb), BPM: 600-1500 Rated Flow: 60-130 L/min, Op Weight: 315-390kg Op Pressure: 2500psi, Carrier Wt Range: 6-10T Sound Power Level Lwa as tested per Directive 2000/14/EC: 121dB(A) INCLUDES: Hammer, Lines, Mounting Bracket, Pins, 1 tool box, excl. charging kit/nitrogen, incl. 2 tools (1x moil and 1x chisel cross cut), Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards Hammer side: nitrogen charge	H80Es HAMMER + Chisel & Moil	551-4953	WORLDWIDE SHORTAGE TILL APPROX JAN 2019 USA
	MOUNTING BRACKET	394-2330	
	LINES KIT	397-2420	
	PINS KIT - 308	308-0324	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE 1 x to assemble hammer & 1 x to give to customer	130-6951 x 2	
	ASSEMBLY Includes Assembly, discharge & recharge of nitrogen & testing	6 HRS	

For: BACKHOE 416E/F - 444E/F w'CENTRE PIVOT	REQUIRE:	CAT Part #	Avail
HAMMER H80Es FLAT TOP (SILENCED) Energy Class: 1356J (1000ft-lb), BPM: 600-1500 Rated Flow: 60-130 L/min, Op Weight: 315-390kg Op Pressure: 2500psi, Carrier Wt Range: 6-10T Sound Power Level Lwa as tested per Directive 2000/14/EC: 121dB(A) INCLUDES: Hammer, Lines, Mounting Bracket, Pins, 1 tool box, excl. charging kit/nitrogen, incl. 2 tools (1x moil and 1x chisel cross cut), Cat Hammer Grease + Grease Gun & Assembly. REQUIRES: Machine side: hammer lines and front guards Hammer side: nitrogen charge	H80Es HAMMER + Chisel & Moil	551-4953	WORLDWIDE SHORTAGE TILL APPROX JAN 2019 USA
	MOUNTING BRACKET	394-4922	
	LINES KIT	399-6964	
	QUICK DISCONNECTS	202-9147 / 442-9566*	
	PINS KIT - BHE	178-3593	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE 1 x to assemble hammer & 1 x to give to customer	130-6951 x 2	
	ASSEMBLY Includes Assembly, discharge & recharge of nitrogen & testing	6 HRS	

CAT® H80Es TOOL OPTIONS

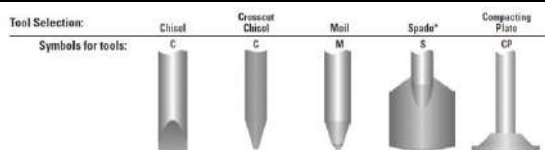
OPTIONAL: CAT® EPP – H80Es HAMMER EQUIPMENT PROTECTION PLAN

- Parts & Labour covered: 36 months / 26,280 hours from Delivery Date.
- EPP is transferable within ANZ Region

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly.
Need to provide supply doc #, Work Tool Serial # & Customer contact details.

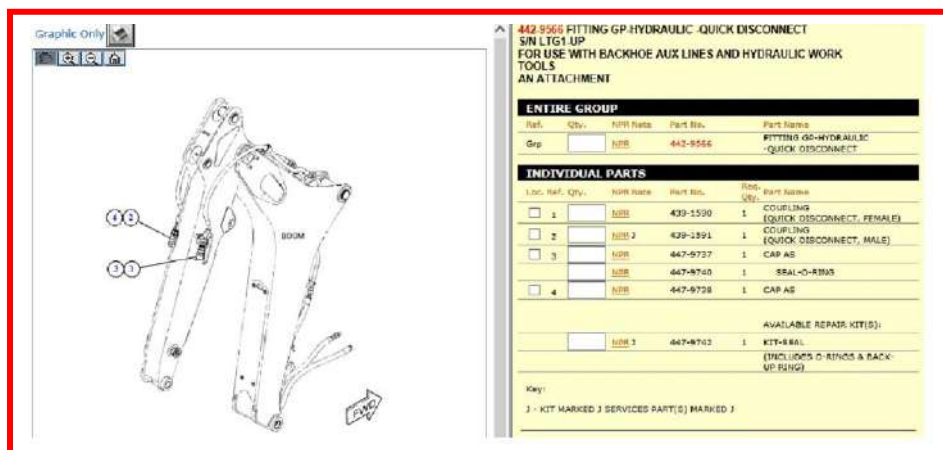
86NSUU1220000
86NSUU3630200

2018
\$1410 (EX GST)



ALTERNATIVE / ADDITIONAL TOOL OPTIONS

CROSS CUT CHISEL	511-0252	USA
MOIL (CONE)	511-0250	USA
BLUNT	376-7947	USA
COMPACTING PLATE	381-7621	USA



*If Backhoe is already fitted with Twist-to-Connect – add this QD kit to ensure a compatible fit otherwise use 202-9147 for stdn QD's"



HAMMERS – HEX (H110Es – H180Es)



** Hammer lines for H110 – H180E come blank to fit standard machine block. Customer may require lines to be fitted with JIC or quick disconnects via threaded flanges (Alfa Engineering) on machine to match – Speak to Hydraulic Shop to configure a solution to suit customer's requirements.*

Standard configuration for all hammer lines shipped for H110E – H180E to suit machines: 311 - 336



CAT® HAMMER H110Es			
For: 311D/F, 312D/E/F, 313D/F 314D/E/F, 315F (312 LINKAGE)	REQUIRE:	CAT Part #	Avail
HAMMER H110Es FLAT TOP (SILENCED) For Caterpillar machine models: 311 - 314 Energy Class: 2712J (2,000ft-lb), BPM: 450-1,000 Rated Flow: 60-120 L/min, Op Weight: 950-1,080kg Op Pressure: 2,320psi, Carrier Wt Range: 11-18T Sound Power Level Lwa as tested per Directive 2000/14/EC: 120dB(A) Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up. WARRANTY - CAT® 12-MONTH FACTORY WARRANTY	H110Es HAMMER	355-3817	MDC / USA
	312 LNKG MNTG BRACKET	123-3343	
	* LINES KIT	158-4616	
	* QUICK DISCONNECTS / JIC?	CHECK	
	STANDARD CHISEL	355-5882	
	312 LNKG PINS KIT	172-8472	
	GREASE GUN	8F-9866	
	CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)		
<div><div><div>Hammer-mount Autolube System offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)</div><div></div></div><div></div></div>	H110E HAMMER MOUNTED AUTOLUBE		
	H110E-H115E AUTOLUBE KIT	317-4203	MDC / USA
	BOX 1-DOZ HMR GREASE	317-8492	STORE / MDC
	FIT TO HAMMER	6 HRS	
CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN 36 months / 26,280 hours from Delivery Date - Parts & Labour covered: Yr1 +24 Mths = 36months EPP is transferable within ANZ Region NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.	H110E HAMMER EPP		
	1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$2200	

CAT® H110Es TOOL OPTIONS			
LARGE HAMMER TOOLS Tool Selection: Symbols for tools:	ALTERNATIVE / ADDITIONAL TOOL OPTIONS		
	MOIL	355-5884	USA
	BLUNT	355-5887	USA

HEX Hammers continued....next page

CAT® HAMMER H110Es

For: 315D, 316E/F, 318D2/E/F (315 LINKAGE)

HAMMER H110Es FLAT TOP (SILENCED)

Energy Class: 2712J (2,000ft-lb), BPM: 450-1,000
 Rated Flow: 60-120 L/min, Op Weight: 950-1,080kg
 Op Pressure: 2,320psi, Carrier Wt Range: 11-18T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 120dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

REQUIRE:	CAT Part #	Avail
H110Es HAMMER	355-3817	MDC / USA
315 LNKG MNTG BRACKET	129-1545	
* LINES KIT	158-4616	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	355-5882	
315 LNKG PINS KIT	172-8473	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System
 offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers.
 (Optional system.)



H110E HAMMER MOUNTED AUTOLUBE

H110E-H115E AUTOLUBE KIT	317-4203	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

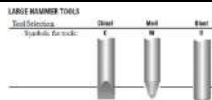
CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | - Parts & Labour covered:
 EPP is transferable within ANZ Region
NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.
 Warranty will invoice customer directly.
 Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H110E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$2200
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CAT® H110Es TOOL OPTIONS



ALTERNATIVE / ADDITIONAL TOOL OPTIONS

MOIL	355-5884	USA
BLUNT	355-5887	USA

CAT® HAMMER H115Es

For: 315D, 316E/F, 318D2/E/F (315 LINKAGE)

HAMMER H115Es FLAT TOP (SILENCED)

Energy Class: 4067J (3,000ft-lb), BPM: 370-800
 Rated Flow: 70-130 L/min, Op Weight: 1,070-1,460kg
 Op Pressure: 2,175psi, Carrier Wt Range: 12-20T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 120dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

REQUIRE:	CAT Part #	Avail
H115Es HAMMER	355-7065	MDC / USA
315 LNKG MNTG BRACKET	129-1545	
* LINES KIT	158-4616	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	355-5878	
315 LNKG PINS KIT	172-8473	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System
 offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers.
 (Optional system.)



H115E HAMMER MOUNTED AUTOLUBE

H110E-H115E AUTOLUBE KIT	317-4203	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

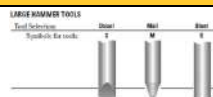
CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | - Parts & Labour covered
 EPP is transferable within ANZ Region
NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.
 Warranty will invoice customer directly.
 Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H115E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$3480
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CAT® H115Es TOOL OPTIONS



ALTERNATIVE / ADDITIONAL TOOL OPTIONS

MOIL	355-5879	USA
BLUNT	355-5880	USA

CAT® HAMMER H120Es

For: 320F - 323F & 325F (B-LINKAGE)

HAMMER H120Es FLAT TOP (SILENCED)

Energy Class: 4745J (3,500ft-lb), BPM: 350-620
 Rated Flow: 100-170 L/min, Op Weight: 1,480-1,860kg
 Op Pressure: 2,175psi, Carrier Wt Range: 16-27T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 120dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

Hammer-mount Autolube System offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



REQUIRE:	CAT Part #	Avail
H120Es HAMMER	355-7061	MDC / USA
B LNKG MNTG BRACKET	325-9326	
* LINES KIT	149-6093	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	355-5865	
B LNKG PINS KIT	172-8444	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

H120E HAMMER MOUNTED AUTOLUBE

H120E-H140E AUTOLUBE KIT	317-4204	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | - Parts & Labour covered
 EPP is transferable within ANZ Region
NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.
 Warranty will invoice customer directly.
 Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H120E HAMMER EPP

1 x 86NSUU1220000
 1 x 86NSUU3630200
**2018 (Ex GST)
 \$4380**

CAT® HAMMER H120Es

For: 324E, 326F - 335F (CB-LINKAGE)

HAMMER H120Es FLAT TOP (SILENCED)

Energy Class: 4745J (3,500ft-lb), BPM: 350-620
 Rated Flow: 100-170 L/min, Op Weight: 1,480-1,860kg
 Op Pressure: 2,175psi, Carrier Wt Range: 16-27T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 120dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

Hammer-mount Autolube System offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



REQUIRE:	CAT Part #	Avail
H120Es HAMMER	355-7061	MDC / USA
CB LNKG MNTG BRACKET	251-0068	
* LINES KIT	149-6093	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	355-5865	
CB LNKG PINS KIT	268-4450	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

H120E HAMMER MOUNTED AUTOLUBE

H120E-H140E AUTOLUBE KIT	317-4204	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

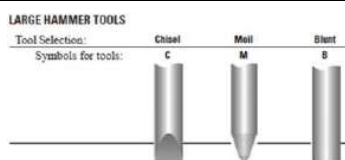
CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | - Parts & Labour covered
 EPP is transferable within ANZ Region
NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.
 Warranty will invoice customer directly.
 Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H120E HAMMER EPP

1 x 86NSUU1220000
 1 x 86NSUU3630200
**2018 (Ex GST)
 \$4380**

CAT® H120Es TOOL OPTIONS



ALTERNATIVE / ADDITIONAL TOOL OPTIONS

MOIL	355-5866	USA
BLUNT	355-5867	USA

CAT® HAMMER H130Es

For: 320F - 323F & 325F

(B-LINKAGE)

REQUIRE:

CAT Part #

Avail

HAMMER H130Es FLAT TOP (SILENCED)

Energy Class: 6101J (4,500ft-lb), BPM: 320-600
 Rated Flow: 120 -220 L/min, Op Weight: 1,750-2,140kg
 Op Pressure: 2,175psi, Carrier Wt Range: 18-36T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 120dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

H130Es HAMMER	355-7063	USA
B LNKG MNTG BRACKET	325-9326	
* LINES KIT	149-6093	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	355-5865	
B LNKG PINS KIT	172-8444	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



H130E HAMMER MOUNTED AUTOLUBE

H120E-H140E AUTOLUBE KIT	317-4204	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | - Parts & Labour covered
 EPP is transferable within ANZ Region

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.

Warranty will invoice customer directly.

Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H130E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$4490
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CAT® HAMMER H130Es

For: 324E, 326F - 335F

(CB-LINKAGE)

REQUIRE:

CAT Part #

Avail

HAMMER H130Es FLAT TOP (SILENCED)

Energy Class: 6101J (4,500ft-lb), BPM: 320-600
 Rated Flow: 120 -220 L/min, Op Weight: 1,750-2,140kg
 Op Pressure: 2,175psi, Carrier Wt Range: 18-36T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 120dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

H130Es HAMMER	355-7063	USA
CB LNKG MNTG BRACKET	251-0068	
* LINES KIT	149-6093	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	355-5868	
CB LNKG PINS KIT	268-4450	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



H130E HAMMER MOUNTED AUTOLUBE

H120E-H140E AUTOLUBE KIT	317-4204	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | - Parts & Labour covered
 EPP is transferable within ANZ Region

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.

Warranty will invoice customer directly.

Need to provide supply doc #, Work Tool Serial # & Customer contact details.

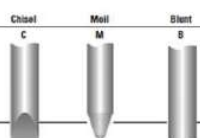
H130E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$4490
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CAT® H130Es TOOL OPTIONS

LARGE HAMMER TOOLS

Tool Selection:
 Symbols for tools:



ALTERNATIVE / ADDITIONAL TOOL OPTIONS

MOIL	355-5876	STORE/USA
BLUNT	355-5877	USA

CAT® HAMMER H140Es

For: 324E, 326F - 335F

(CB-LINKAGE)

REQUIRE:

CAT Part #

Avail

HAMMER H140Es FLAT TOP (SILENCED)

Energy Class: 8135J (6,000ft-lb), BPM: 325-540
 Rated Flow: 160 -230 L/min, Op Weight: 2,140-2,660kg
 Op Pressure: 2,320psi, Carrier Wt Range: 24-42T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 126dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

H140Es HAMMER	363-0738	USA
CB LNKG MNTG BRACKET	251-0068	
* LINES KIT	149-6093	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	374-3620	
CB LNKG PINS KIT	268-4450	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System
 offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



H140E HAMMER MOUNTED AUTOLUBE

H120E-H140E AUTOLUBE KIT	317-4204	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | Parts & Labour
 EPP is transferable within ANZ Region
NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.
 Warranty will invoice customer directly.
 Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H140E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$5820
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CAT® HAMMER H140Es

For: 336E/F, 340F

(DB-LINKAGE)

REQUIRE:

CAT Part #

Avail

HAMMER H140Es FLAT TOP (SILENCED)

Energy Class: 8135J (6,000ft-lb), BPM: 325-540
 Rated Flow: 160 -230 L/min, Op Weight: 2,140-2,660kg
 Op Pressure: 2,320psi, Carrier Wt Range: 24-42T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 126dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

H140Es HAMMER	363-0738	USA
DB LNKG MNTG BRACKET	251-3801	
* LINES KIT	149-6093	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	374-3620	
DB LNKG PINS KIT	268-5606	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System
 offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



H140E HAMMER MOUNTED AUTOLUBE

H120E-H140E AUTOLUBE KIT	317-4204	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

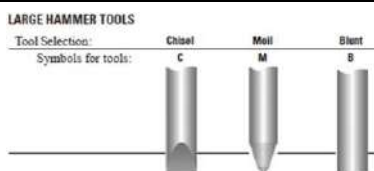
CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | Parts & Labour
 EPP is transferable within ANZ Region
NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.
 Warranty will invoice customer directly.
 Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H140E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$5820
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CAT® H140Es TOOL OPTIONS



ALTERNATIVE / ADDITIONAL TOOL OPTIONS

MOIL	374-3621	CHECK
BLUNT	374-3622	USA

CAT® HAMMER H160Es

For: 336E/F, 340F

(DB-LINKAGE)

REQUIRE:

CAT Part #

Avail

HAMMER H160Es FLAT TOP (SILENCED)

Energy Class: 11,524J (8,500ft-lb), BPM: 400-505
 Rated Flow: 220 -300 L/min, Op Weight: 3,230-3,530kg
 Op Pressure: 2,320psi, Carrier Wt Range: 32-55T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 126dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
 WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

H160Es HAMMER	366-5119	USA
DB LNKG MNTG BRACKET	484-8285	
* LINES KIT	149-6093	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	374-3623	
DB LNKG PINS KIT	268-5606	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



H160E HAMMER MOUNTED AUTOLUBE

H160E-H180E AUTOLUBE KIT	317-4206	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | Parts & Labour
 EPP is transferable within ANZ Region

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.

Warranty will invoice customer directly.

Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H160E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$7370
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CAT® HAMMER H160Es

For: 345D,349E/F, 352F

(TB-LINKAGE)

REQUIRE:

CAT Part #

Avail

HAMMER H160Es FLAT TOP (SILENCED)

Energy Class: 11,524J (8,500ft-lb), BPM: 400-505
 Rated Flow: 220 -300 L/min, Op Weight: 3,230-3,530kg
 Op Pressure: 2,320psi, Carrier Wt Range: 32-55T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 126dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
 WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

H160Es HAMMER	366-5119	USA
TB LNKG MNTG BRACKET	255-7552	
* LINES KIT	213-1333	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	374-3623	
TB LNKG PINS KIT	301-0050	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



H160E HAMMER MOUNTED AUTOLUBE

H160E-H180E AUTOLUBE KIT	317-4206	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | Parts & Labour
 EPP is transferable within ANZ Region

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.

Warranty will invoice customer directly.

Need to provide supply doc #, Work Tool Serial # & Customer contact details.

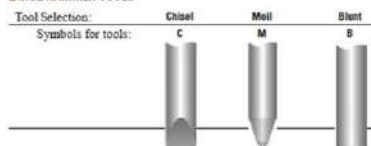
H160E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$7370
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CAT® H160Es TOOL OPTIONS

LARGE HAMMER TOOLS

Tool Selection:
 Symbols for tools:



ALTERNATIVE / ADDITIONAL TOOL OPTIONS

MOIL	374-3624	CHECK
BLUNT	374-3625	CHECK

CAT® HAMMER H180Es

For: 345D,349E/F, 352F

(TB-LINKAGE)

REQUIRE:

CAT Part #

Avail

HAMMER H180Es FLAT TOP (SILENCED)

Energy Class: 16,270J (12,000ft-lb), BPM: 275-450
 Rated Flow: 220 -300 L/min, Op Weight: 3,990-4,340kg
 Op Pressure: 2,320psi, Carrier Wt Range: 42-76T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 126dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
 WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

H180Es HAMMER	366-5168	USA
TB LNKG MNTG BRACKET	255-7552	
* LINES KIT	213-1333	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	374-3626	
TB LNKG PINS KIT	301-0050	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



H180E HAMMER MOUNTED AUTOLUBE

H160E-H180E AUTOLUBE KIT	317-4206	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | Parts & Labour
 EPP is transferable within ANZ Region

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.
 Warranty will invoice customer directly.

Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H180E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$10900
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CAT® HAMMER H180Es

For: 374D/F

(VB/VB2-LINKAGE)

REQUIRE:

CAT Part #

Avail

HAMMER H180Es FLAT TOP (SILENCED)

Energy Class: 16,270J (12,000ft-lb), BPM: 275-450
 Rated Flow: 220 -300 L/min, Op Weight: 3,990-4,340kg
 Op Pressure: 2,320psi, Carrier Wt Range: 42-76T
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 126dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease + Grease Gun & Build-Up.
 WARRANTY - CAT® 12-MONTH FACTORY WARRANTY

H180Es HAMMER	366-5168	USA
VB LNKG MNTG BRACKET	255-9607	
* LINES KIT	197-4102	
* QUICK DISCONNECTS / JIC?	CHECK	
STANDARD CHISEL	374-3626	
VB LNKG PINS KIT	241-9301	
GREASE GUN	8F-9866	
CAT HAMMER GREASE	130-6951 x 2	
BUILD-UP / ASSEMBLY	12 HRS (6x2)	

Hammer-mount Autolube System offers continual greasing as long as the hammer is being operated. Hammer-mount keeps the lube system on the hammer, allows sharing between carriers. (Optional system.)



H180E HAMMER MOUNTED AUTOLUBE

H160E-H180E AUTOLUBE KIT	317-4206	MDC
BOX 1-DOZ HMR GREASE	317-8492	MDC
FIT TO HAMMER	6 HRS	

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | Parts & Labour
 EPP is transferable within ANZ Region

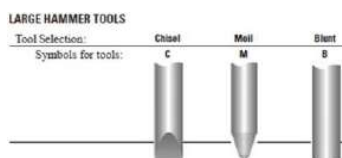
NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.
 Warranty will invoice customer directly.

Need to provide supply doc #, Work Tool Serial # & Customer contact details.

H180E HAMMER EPP

1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$10900
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CAT® H180Es TOOL OPTIONS



ALTERNATIVE / ADDITIONAL TOOL OPTIONS

MOIL	374-3627	CHECK
BLUNT	374-3629	CHECK

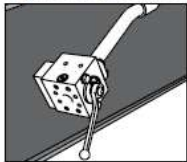
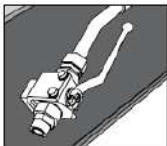
HAMMERS – B-SERIES HEX (NON-SILENCED)

Caterpillar is pleased to announce the availability of the B20, B30 and B35 top mount hydraulic hammers for sale into ANZ. The B-series is specifically designed for Life Cycle Value (LCV) market applications. These hydraulic hammers combine optimum power-to-weight ratio with simplicity and cost effectiveness for municipal, general construction, demolition, quarry and mining applications. The Cat B-series hammer design includes a Piston stroke adjuster which switches impact modes: high frequency for softer material; slower more powerful impacts for harder material. The hammer arrangement includes hammer, a gas charging kit, a nitrogen tank, and a tool box.

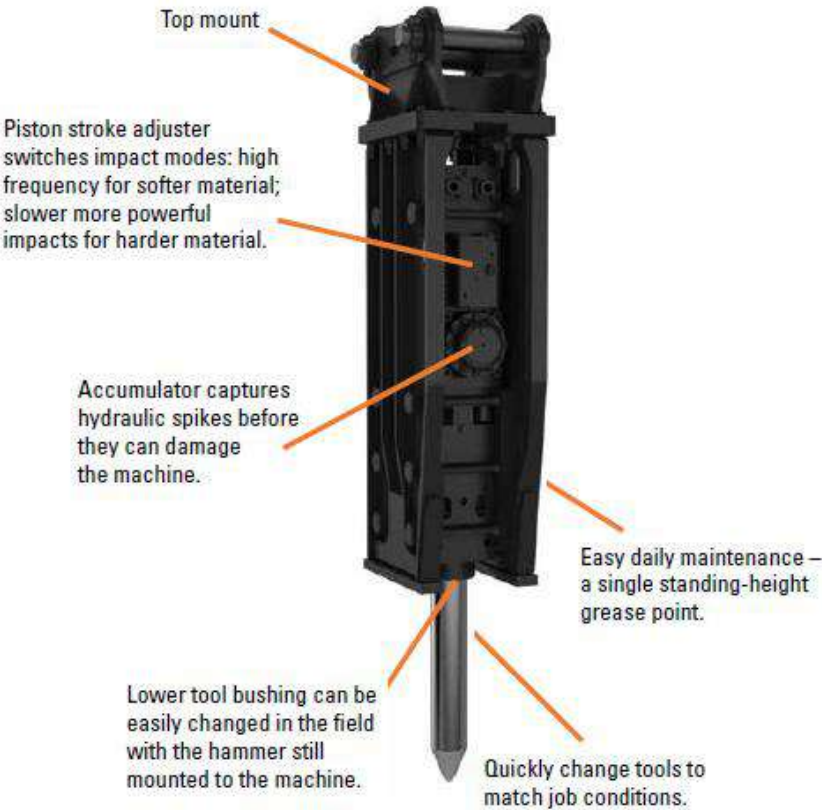


Connecting Lines part numbers include all parts required to connect the hammer to Cat factory stick lines. Figures A and B illustrate factory stick lines connections. **Configurations below match Figure B connections only.**

Figure A: O-ring face seal connection Figure B: Four-bolt flange connection



PLEASE NOTE: Ordering Instructions - B series Hammers must be ordered through a **CMOPS** miscellaneous order, Manufacturing facility code 8ZA (South Korea) and ship source code 93B (Singapore) for ANZP.




Hammer Specifications

	unit	B20 TM	B30 TM	B35 TM
Working Weight*	Kg	1881	2387	3105
Impact Rate	BPM	400-800	350-700	250-550
Operating Pressure	Bar	160-180	160-180	160-180
Relief Pressure	Bar	240-250	240-250	240-250
Oil Flow	LPM	125-150	160-190	180-220
Accumulator Pressure	Bar	60	60	60
Back Head Pressure	Bar	6	6	9
Tool Diameter	mm	135	150	153
Pressure Line Size	mm	25	25	32
Carrier Weight Range	Ton	18-25	25-32	32-40

* Working weight includes hammer, standard tool and average mounting bracket for top-mount style. TM = Top mount


CAT® HAMMER B20			
For: 320F, 321F 323F & 325F (B-LINKAGE)	REQUIRE:	CAT Part #	Avail
HAMMER B20 FLAT TOP (NON-SILENCED) Energy Class: 4000J (2,950ft-lb), BPM: 400-800 Rated Flow: 125-150 L/min, Op Weight: 1,663kg Op Pressure: 2,321 – 2,611psi, Carrier Wt Range: 18-25t Sound Power Level Lwa as tested per Directive 2000/14/EC: 129dB(A) Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease, Gas Charging Kit, Toolbox, & Assembly. WARRANTY - CAT® 12-MONTH FACTORY WARRANTY * Operating weight includes hammer, standard tool and mounting bracket.	B20 HAMMER	488-5347	MDC / SINGAPORE (APPROX 4 WKS)
	B LNKG MNTG BRACKET	478-7474	
	LINES KIT (4-bolt block mount)	465-4558	
	STANDARD CHISEL	368-9987	
	B LNKG PINS KIT	172-8444	
	CAT HAMMER GREASE	130-6951 x 6	
	BUILD-UP / ASSEMBLY	12 HRS (6x2)	
CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN 36 months / 26,280 hours from Delivery Date - Parts & Labour covered EPP is transferable within ANZ Region NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.	B20 HAMMER EPP		
	1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$1660	

CAT® HAMMER B20			
For: 324E (CB-LINKAGE)	REQUIRE:	CAT Part #	Avail
HAMMER B20 FLAT TOP (NON-SILENCED) Energy Class: 4000J (2,950ft-lb), BPM: 400-800 Rated Flow: 125-150 L/min, Op Weight: 1,663kg Op Pressure: 2,321 – 2,611psi, Carrier Wt Range: 18-25t Sound Power Level Lwa as tested per Directive 2000/14/EC: 129dB(A) Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease, Gas Charging Kit, Toolbox, & Assembly. WARRANTY - CAT® 12-MONTH FACTORY WARRANTY * Operating weight includes hammer, standard tool and mounting bracket.	B20 HAMMER	488-5347	MDC / SINGAPORE (APPROX 4 WKS)
	CB LNKG MNTG BRACKET	397-6897	
	LINES KIT (4-bolt block mount)	465-4558	
	STANDARD CHISEL	368-9987	
	CB LNKG PINS KIT	268-4450	
	CAT HAMMER GREASE	130-6951 x 6	
	BUILD-UP / ASSEMBLY	12 HRS (6x2)	
CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN 36 months / 26,280 hours from Delivery Date - Parts & Labour covered EPP is transferable within ANZ Region NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.	B20 HAMMER EPP		
	1 x 86NSUU1220000 1 x 86NSUU3630200	2018 (Ex GST) \$1660	

CAT® B20 TOOL OPTIONS			
	ALTERNATIVE / ADDITIONAL TOOL OPTIONS		
	CHISEL (CROSS CUT)	368-9987	MDC / SINGAPORE (APPROX 4 WKS)
	MOIL (PYRAMID POINT)	368-9989	
	BLUNT	368-9988	
	CONE (ROUNDED POINT)	368-9986	

CAT® HAMMER B30			
For: 324E, 326F, 329F, 330F (CB-LINKAGE)	REQUIRE:	CAT Part #	Avail
HAMMER B30 FLAT TOP (NON-SILENCED) Energy Class: 6000J (4,425ft-lb), BPM: 350-700 Rated Flow: 160-190 L/min, Op Weight: 2,364-2,384kg Op Pressure: 2,321 – 2,611psi, Carrier Wt Range: 25-32t Sound Power Level Lwa as tested per Directive 2000/14/EC: 128dB(A) Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease, Gas Charging Kit, Toolbox, & Assembly. WARRANTY - CAT® 12-MONTH FACTORY WARRANTY * Operating weight includes hammer, standard tool and mounting bracket.	B30 HAMMER	488-5355	MDC / SINGAPORE (APPROX 4 WKS)
	CB LNKG MNTG BRACKET	416-4399	
	LINES KIT (4-bolt block mount)	465-4558	
	STANDARD CHISEL	416-4396	
	CB LNKG PINS KIT	268-4450	
	CAT HAMMER GREASE	130-6951 x 6	
	BUILD-UP / ASSEMBLY	12 HRS (6x2)	
CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN 36 months / 26,280 hours from Delivery Date - Parts & Labour covered EPP is transferable within ANZ Region NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.	B30 HAMMER EPP		2018 (Ex GST) \$1750
	1 x 86NSUU1220000 1 x 86NSUU3630200		

CAT® HAMMER B30			
For: 336E/F, 340F (DB-LINKAGE)	REQUIRE:	CAT Part #	Avail
HAMMER B30 FLAT TOP (NON-SILENCED) Energy Class: 6000J (4,425ft-lb), BPM: 350-700 Rated Flow: 160-190 L/min, Op Weight: 2,364-2,384kg Op Pressure: 2,321 – 2,611psi, Carrier Wt Range: 25-32t Sound Power Level Lwa as tested per Directive 2000/14/EC: 128dB(A) Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease, Gas Charging Kit, Toolbox, & Assembly. WARRANTY - CAT® 12-MONTH FACTORY WARRANTY * Operating weight includes hammer, standard tool and mounting bracket.	B30 HAMMER	488-5355	MDC / SINGAPORE (APPROX 4 WKS)
	DB LNKG MNTG BRACKET	416-4403	
	LINES KIT (4-bolt block mount)	465-4558	
	STANDARD CHISEL	368-9987	
	DB LNKG PINS KIT	268-5606	
	CAT HAMMER GREASE	130-6951 x 6	
	BUILD-UP / ASSEMBLY	12 HRS (6x2)	
CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN 36 months / 26,280 hours from Delivery Date - Parts & Labour covered EPP is transferable within ANZ Region NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.	B30 HAMMER EPP		2018 (Ex GST) \$1750
	1 x 86NSUU1220000 1 x 86NSUU3630200		

CAT® B30 TOOL OPTIONS			
	ALTERNATIVE / ADDITIONAL TOOL OPTIONS		
	CHISEL (CROSS CUT)	416-4396	MDC / SINGAPORE (APPROX 4 WKS)
	MOIL (PYRAMID POINT)	416-4398	
	BLUNT	416-4397	
	CONE (ROUNDED POINT)	416-4395	

CAT® HAMMER B35

For: 336E/F, 340F (DB-LINKAGE)

HAMMER B35 FLAT TOP (NON-SILENCED)

Energy Class: 7500J (4,425ft-lb), BPM: 250-550
 Rated Flow: 180-220 L/min, Op Weight: 3,017-3074kg
 Op Pressure: 2,321 – 2,611psi, Carrier Wt Range: 30-40t
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 128dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease, Gas Charging Kit, Toolbox, & Assembly.
 WARRANTY - CAT® 12-MONTH FACTORY WARRANTY
 * Operating weight includes hammer, standard tool and mounting bracket.

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | - Parts & Labour covered
 EPP is transferable within ANZ Region

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.

Warranty will invoice customer directly.

Need to provide supply doc #, Work Tool Serial # & Customer contact details.

REQUIRE:

B35 HAMMER	488-5361
DB LNKG MNTG BRACKET	374-4563
LINES KIT (4-bolt block mount)	497-9513
STANDARD CHISEL	374-7051
DB LNKG PINS KIT	268-5606
CAT HAMMER GREASE	130-6951 x 6
BUILD-UP / ASSEMBLY	12 HRS (6x2)

CAT Part

Avail

MDC /
SINGAPORE
(APPROX 4
WKS)

B30 HAMMER EPP

1 x 86NSUU1220000
 1 x 86NSUU3630200

2018 (Ex GST)
\$2220

CAT® HAMMER B35

For: 336E/F, 340F MASS (TB-LINKAGE)

HAMMER B35 FLAT TOP (NON-SILENCED)

Energy Class: 7500J (4,425ft-lb), BPM: 250-550
 Rated Flow: 180-220 L/min, Op Weight: 3,017-3074kg
 Op Pressure: 2,321 – 2,611psi, Carrier Wt Range: 30-40t
 Sound Power Level Lwa as tested per Directive 2000/14/EC: 128dB(A)
 Includes: Lines, Mounting Bracket, Chisel, Cat Hammer Grease, Gas Charging Kit, Toolbox, & Assembly.
 WARRANTY - CAT® 12-MONTH FACTORY WARRANTY
 * Operating weight includes hammer, standard tool and mounting bracket.

CAT® EPP - HAMMER EQUIPMENT PROTECTION PLAN

36 months / 26,280 hours from Delivery Date | - Parts & Labour covered
 EPP is transferable within ANZ Region

NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk.

Warranty will invoice customer directly.

Need to provide supply doc #, Work Tool Serial # & Customer contact details.

REQUIRE:

B35 HAMMER	488-5361
TB LNKG MNTG BRACKET	371-7106
LINES KIT (4-bolt block mount)	497-9513
STANDARD CHISEL	374-7051
DB LNKG PINS KIT	268-5606
CAT HAMMER GREASE	130-6951 x 6
BUILD-UP / ASSEMBLY	12 HRS (6x2)

CAT Part

Avail

MDC /
SINGAPORE
(APPROX 4
WKS)

B30 HAMMER EPP

1 x 86NSUU1220000
 1 x 86NSUU3630200

2018 (Ex GST)
\$2220

CAT® B35 TOOL OPTIONS



ALTERNATIVE / ADDITIONAL TOOL OPTIONS

CHISEL (CROSS CUT)	374-7051	MDC / SINGAPORE (APPROX 4 WKS)
MOIL (PYRAMID POINT)	374-7055	
BLUNT	374-7052	
CONE (ROUNDED POINT)	374-7049	

HAMMERS – PRE-EMPTING THE PRICE OBJECTION

- 1) **Parts availability:** - Most items are stocked here in Australia or Asia Pacific – no need to wait 6 months for parts from overseas minimizing excess costs and downtime. (If your customer has had any experience with other brands of hammers, he will understand the pain of this experience).
- 2) **Gas Charging:** Cat E-Series Hammers do not need to be touched or charged every time they are used. They get charged at their **annual service @ Westrac** and not before unless they manage to damage it somehow. Cat are the only manufacturer in the world that does this and what this means not having to remember each time it gets used to check and charge the accumulator before they start work (risking piercing or over-inflation which can damage the seal membrane and make the hammer noisy but useless).
- 3) **The most powerful impact for its size** (kind of like a camping tent hammer vs a sledge hammer) – when it impacts (joule energy), it really punches hard – saving the guy from spending ages trying to break up the rock instead of just a few series of taps
- 4) **Hammer Mounted AutoLube:** allows the hammer to be moved to other machines and have it protected from hourly over or under greasing – extending its working life
- 5) **3 Year Warranty option:** some of the parts to replace cost up around \$30K - EPP protects his pocket for the long haul.
- 6) **Spare Parts Pricing:** Cat spare parts are cheaper than other brands – as their hammers tend to have a lean upfront cost, but ongoing drains the bank account – whereas our seals, tools, cylinders, etc. have always been at a lower price than the competition – showing that Cat supports the customer over the long haul.

LANDSCAPE TILLERS – SSL/CTL/MTL

Landscape Tillers are designed for breaking up & pulverizing soil, mixing compost or other materials into existing soil for stabilising operations. Ideal for residential, commercial, agricultural, building construction, lawn care & golf course maintenance applications

- All Teeth are Tungsten carbide hard faced which increases the overall tine life while providing improved cutting performance
- Caterpillar XT hose – allows for increased life
- Three position tiller depth adjustments – quickly adjusted for desired depth



NOTE: Rake needs to be wider than the machine tracks/wheels

Part #	Suits: 216, 226D, 236D, 239D, 242D, 246D, 249D, 259D, 262D	Avail.
219-7165 WRKSHOP: 1.5	LT13B LANDSCAPE TILLER 1788mm (70.5") (333kg) Working Width : 1354mm (53") Working Depth: 25 – 152mm, 24 Bi-Rotational hardened tines Bi-Directional Hydraulic Motor, offset to cover right side tire Hydraulic Flow range: 60-86 l/min (16-23 gpm) Hydraulic Pressure range: 145-235 bar (2,100-3,400 psi) INCLUDES: DIRECT drive unit, 2 x hydraulic lines with quick disconnects, mounting bracket and hardware. REQUIRES: Standard Flow Hydraulics	USA

Part #	Suits: 246D – 299D	Avail.
219-0426 WRKSHOP: 1.5	LT18B LANDSCAPE TILLER 22712mm (90") (411kg) Working Width : 1848mm (73") Working Depth: 25 – 152mm, 36 Bi-Rotational hardened tines Bi-Directional Hydraulic Motor, offset to cover right side tire Hydraulic Flow range: 83-114 l/min (20-30 gpm) Hydraulic Pressure range: 207-310 bar (3,000-4,500 psi) INCLUDES: DIRECT drive unit, 2 x hydraulic lines with quick disconnects, mounting bracket and hardware. REQUIRES: Standard Flow Hydraulics	USA



EPP PART #	CAT LANDSCAPE TILLER EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour Transferable within ANZ Region, *T's & C's Apply NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.	LT13B \$590 LT18B \$660

MATERIAL HANDLING ARMS – SSL/CTL/MTL, BHE & CWL

Material handling arms are used to carry and load a variety of materials and equipment in virtually any type of application. The heavy-duty design makes the material handling arm ideal for industrial, construction, and agricultural applications. In landscaping operations it is especially well suited for loading, carrying and setting trees and large shrubs.



Part #	Suits: 226D – 299D2, 906-908H/K/M	Avail.
216-8756 WRKSHOP: 0.5	MATERIAL HANDLING ARM - SSL Lift Capacity: Maximum 908kg. (not to exceed rated load capacity of machine) Overall Width, with step: 1319mm Maximum horizontal reach 2135mm Maximum vertical reach 1357mm Single bent boom design with heavy duty clasped hook. Two hook locations and easy access load tie down points. Two compartments for chains and hooks NOTE – (SSL FIT ONLY): One person operation REQUIRES centre mounted step	(127kg) MDC
188-7176 x 1 8T-4121 x 6 8T-4133 x 6 8T-4195 x 6 WRKSHOP: 1.5	CENTRE MOUNTED STEP (FOR ONE PERSON OPERATION) INCLUDES: Step Assembly (Qty 1), Washer (Qty 6), Nut (Qty 6), Bolt (Qty 6)	MDC

MATERIAL HANDLING ARM FOR BACKHOE

Part #	Suits: 415 – 444, IT28, 924G/H - 938G/H & TELEHANDLER	Avail.
229-9714 WRKSHOP: 0.5	MATERIAL HANDLING ARM (Fits IT COUPLER) Mechanically adjustable to 3 positions, length from 2.01m to 2.97m to 3.93 Rated Capacity 2095 kg FOR USE WITH: Standard quick coupler IT14/28	(449kg) MDC

MATERIAL HANDLING ARMS – SWL/MWL



MATERIAL HANDLING ARM: 924-938K

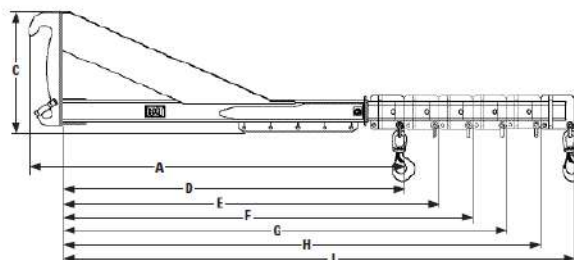
Part #	Suits: 924-938 WITH FUSION QUICK COUPLER	Avail.
289-9888 WRKSHOP: 0.5	MATERIAL HANDLING ARM (EXTENDABLE) (938G/H) (598kg) Four positions, one fixed, three manually adjustable. Extendable length 2394mm to 3994mm FOR USE WITH: FUSION Quick Coupler. NOTE: This Material Handling Arm can be used on the K & M Series Wheel Loaders. It is heavier than the new 360-3300 & has a higher load rating (8616kg) but doesn't have as much reach.	MDC / USA
360-3300 WRKSHOP: 0.5	MATERIAL HANDLING ARM (EXTENDABLE) 924-938K/M (487kg) Four positions, one fixed, three manually adjustable. Extendable length 2164mm to 4137mm FOR USE WITH: FUSION Quick Coupler. LOAD RATING: Refer to 924K, 930K, 938K OMM	USA

Part #	Suits: 950, 962, 966 & 972H/K/M WITH FUSION QUICK COUPLER	Avail.
289-9885 WRKSHOP: 0.5	MATERIAL HANDLING ARM (EXTENDABLE) 950-972K/M (707kg) Four positions, one fixed, three manually adjustable. Extendable length 3361mm to 4585mm FOR USE WITH: FUSION Quick Coupler. LOAD RATING: 8616kg	MDC / USA

Optimum Matching Guide

	924H 924Gz	924K	928H 928G	924H 924G	930H 930G	930K	938H 938G	IT38H IT38G	938K	950K 950H	962K 962H	IT62H IT62G	966K 966H	972K 972H
289-9888	•		•	•	•		•	•						
360-3300		•				•			•					
289-9885										•	•	•	•	•

Specifications



Part No.	Max Arm Rating kg (lb)	(A) Length mm (in)	(B) Width mm (in)	(C) Height mm (in)	Weight kg (lb)
289-9888	8,616 (19,000)	2,685 (106)	758 (30)	1,087 (43)	598 (1,319)
360-3300	*	2,760 (109)	758 (30)	1,036 (41)	487 (1,071)
289-9885	8,616 (19,000)	3,361 (132)	758 (30)	1,087 (43)	707 (1,560)

* Refer to the 924K, 930K, 938K Operation and Maintenance Manual

Part No.	Extension Range					
	(D) Extension 1 mm (in)	(E) Extension 2 mm (in)	(F) Extension 3 mm (in)	(G) Extension 4 mm (in)	(H) Extension 5 mm (in)	(I) Extension 6 mm (in)
289-9888	2,394 (94)	3,194 (126)	3,994 (157)			
360-3300	2,164 (85)	2,537 (100)	3,337 (131)	4,137 (163)		
289-9885	3,061 (120)	3,365 (132)	3,670 (144)	3,975 (156)	4,280 (168)	4,585 (180)

MULCHERS (STANDARD FLOW) – SSL/CTL/MTL

Caterpillar® has two new standard flow Mulchers available for non-prime production machinery. This now allows our customers who need to do some basic land management without the requirement to buy a High Flow machine with a High-Flow Mulcher. This is perfect for clearing fire trails, keeping pesky weeds under control such as lantana and can mulch small saplings and trees up to 6 inches in width.



NOTE: Machine requires having Work-tool Electrical Harness, RH Joystick w'roller & 2-btn, debris kits, pre-cleaner guards and Polycarbonate door to protect operator. (See DEBRIS KIT SECTION)

Part #	Suits: 216, 226D, 232D, 239D, 249D + 903 - 908K/M STANDARD FLOW	Avail.
475-2750 WRKSHOP: 2	HM112C MULCHER 1240mm (763kg) 1240mm drum width - 30 fixed reversible chisel teeth 1518mm overall width, 200mm Max cutting diameter For use in brush, vine, and softwood applications INCLUDES: Dual speed motor, V-belt drive, single bolt tooth retention, pressure gauge, adjustable push/guard frame, hydraulically operated front hood, diverter valve installed on work tool, hydraulic lines with 1/2" quick disconnects, case drain, 14-pin electrical harness, mounting brackets and hardware. REQUIRES: Standard flow hydraulics 60-69 LPM & Standard pressure 3330 PSI (230 BAR) & Case Drain	MDC / USA

Part #	Suits: 236D- 299D2 + 903 - 908K/M STANDARD FLOW	Avail.
475-2760 WRKSHOP: 2	HM115C MULCHER 1480mm (818kg) 1480mm drum width - 36 fixed reversible chisel teeth 1758mm overall width, 200mm Max cutting diameter For use in brush, vine, and softwood applications INCLUDES: Dual speed motor, V-belt drive, single bolt tooth retention, pressure gauge, adjustable push/guard frame, hydraulically operated front hood, diverter valve installed on work tool, hydraulic lines with 1/2" quick disconnects, case drain, 14-pin electrical harness, mounting brackets and hardware. REQUIRES: Standard flow hydraulics 76-87 LPM & Standard pressure 3330 PSI (230 BAR) & Case Drain	MDC / USA

PART #	MACHINE ELECTRICAL / JOYSTICK UPGRADES	WORKSHOP HOURS	AVAIL.
	SUITS: 226D, 232D, 239D, 249D		
421-0265	WORK TOOL ELECTRICAL HARNESS (14pin) w' LEFT HAND 4-BUTTON JOYSTICK	5 HRS (DPO)	MDC
273-9104	RIGHT HAND JOYSTICK w'2 BUTTONS & THUMB ROLLER	2 HRS	STORE
	SUITS: 242D, 246D, 257D, 259D, 262D, 272D2, 279D, 289D		
388-8273	WORK TOOL ELECTRICAL HARNESS (14pin) w' LEFT HAND 4-BUTTON JOYSTICK	5 HRS (DPO)	MDC
273-9104	RIGHT HAND JOYSTICK w'2 BUTTONS & THUMB ROLLER	2 HRS	STORE



CONVERSIONS FOR B & C SERIES MACHINES			
377-1579	Conversion harness, (8pin to 14pin) for B/B2/B3/C/C2 Series machines.		MDC



Standard Flow Chisel Teeth



Replacement Teeth and Hardware for HM112C, HM115C & HM215C Mulcher (Example left)	
Part Number	Description
475-2746	Reversible Chisel Tooth – (For use with HM112C, HM115C, HM215C)
475-2747	Kit-Tooth (10-pack of tooth 475-2746)
482-1444	BOLT - SOCKET HEAD (M14x1.5x30mm)
482-1446	TOOTH HOLDER

CAT EXTENDED WARRANTY (EPP) OPTIONS – SEE PAGE 76

MULCHERS (HIGH FLOW) – SSL/CTL/MTL



Caterpillar® has four models of high flow Mulchers now available for prime production machinery. These High-Flow attachments are matched to a CAT SSL/CTL/MTL machine and provides maximum amount of power and efficiency when purchased as complete Land Management packages.

NOTE: Machine requires having Worktool Harness, joystick, Debris kits, pre- cleaner guards and Polycarbonate door to protect operator.



Part #	Suits: 226D, 232D, 236D, 239D, 242D, 249D, 257D, 259D, 906M-908M HIGH FLOW	Avail.
475-2770 WRKSHOP: 2	HM215C MULCHER HF 1480mm (818kg) 1480mm drum width - 36 fixed reversible chisel teeth 1758mm overall width, 200mm Max cutting diameter For use in brush, vine, and softwood applications INCLUDES: Dual speed motor, V-belt drive, single bolt tooth retention, pressure gauge, adjustable push/guard frame, hydraulically operated front hood, diverter valve installed on work tool, hydraulic lines with 1/2" quick disconnects, case drain, 14-pin electrical harness, mounting brackets and hardware. REQUIRES: High flow hydraulics 96-116 L/min & Standard pressure 3330 PSI (230 BAR)	USA
Part #	Suits: 246D, 262D, 272D2, 277D, 279D, 287D, 289D, 297D2, 299D2 HIGH FLOW XPS	Avail.
475-2780 WRKSHOP: 2	HM315C MULCHER HF XPS 1582mm (1342kg) 1582mm drum width - 34 single bolt retention teeth 1882mm overall width, 200mm Max cutting diameter For use in hardwood applications INCLUDES: Dual speed motor, pressure gauge, Polychain belt drive, adjustable push/guard frame, hydraulically operated front hood, Diverter Valve, hydraulic lines with 1/2" quick disconnects, case drain line, 14-pin electrical harness, mounting brackets and hardware. REQUIRES: High flow XPS hydraulics 120-125 L/min & Pressure 4061 PSI (280 BAR) REQUIRES: Turbo Guard Kit and Debris Protection Kit on machine	USA
Part #	Suits: 272D2 XHP, 297D2 XHP, 299D2 XHP HIGH FLOW XHP	Avail.
475-2790 WRKSHOP: 2	HM415C MULCHER HF XHP 1582mm (1342kg) 1582mm drum width - 34 single bolt retention teeth 1882mm overall width, 200mm Max cutting diameter For use in brush, vine, and softwood applications INCLUDES: Dual speed motor, pressure gauge, Polychain belt drive, adjustable push/guard frame, hydraulically operated front hood, Diverter Valve, hydraulic lines with 3/4" quick disconnects, case drain line, 14-pin electrical harness, mounting brackets and hardware. REQUIRES: XHP Hydraulics 150-155 L/min & Pressure 4061 PSI (280 BAR) REQUIRES: Turbo Guard Kit and Debris Protection Kit on machine	MDC / USA
Part #	Suits: 272D2 XHP, 297D2 XHP, 299D2 XHP HIGH FLOW XHP	Avail.
475-2800 WRKSHOP: 2	HM418C MULCHER HF XHP 1822mm (1450kg) 1822mm drum width - 38 single bolt retention teeth 2122mm overall width, 200mm Max cutting diameter For use in brush, vine, and softwood applications INCLUDES: Dual speed motor, pressure gauge, Polychain belt drive, adjustable push/guard frame, hydraulically operated front hood, Diverter Valve, hydraulic lines with 3/4" quick disconnects, case drain line, 14-pin electrical harness, mounting brackets and hardware. REQUIRES: XHP Hydraulics 150-155 L/min & Pressure 4061 PSI (280 BAR) REQUIRES: Turbo Guard Kit and Debris Protection Kit on machine	MDC / USA

CAT EXTENDED WARRANTY (EPP) OPTIONS – SEE PAGE 76

PART #	MACHINE ELECTRICAL / JOYSTICK UPGRADES		WORKSHOP HOURS	AVAIL.
	SUITS: 226D, 232D, 239D, 249D			
421-0265	WORK TOOL ELECTRICAL HARNESS (14pin) w' LEFT HAND 4-BUTTON JOYSTICK		5 HRS (DPO)	MDC
273-9104	RIGHT HAND JOYSTICK w'2 BUTTONS & THUMB ROLLER		2 HRS	STORE
	SUITS: 242D, 246D, 257D, 259D, 262D, 272D2, 279D, 289D			
388-8273	WORK TOOL ELECTRICAL HARNESS (14pin) w' LEFT HAND 4-BUTTON JOYSTICK		5 HRS (DPO)	MDC
273-9104	RIGHT HAND JOYSTICK w'2 BUTTONS & THUMB ROLLER		2 HRS	STORE
CONVERSIONS FOR B & C SERIES MACHINES				
377-1579	Conversion harness, (8pin to 14pin) for B/B2/C/C2 Series high flow machines.			MDC

STANDARD Replacement Teeth and Hardware for HM315C, HM415C & HM418C Mulcher (Example right)

Part #	Description
475-2810	Standard Carbide Tooth
475-2819	Kit-Tooth (10-pack of Std Carbide tooth 475-2810)
475-2811 x 1	Right Side Scraper Carbide
475-2812 x 1	Left Side Scraper Carbide
475-2816 ea	BOLT KIT (INCLUDES 1 x BOLT, NUT & LOCKWASHER) (Suits S/N MH500146 and below)
487-2141 ea	BOLT KIT (INCLUDES 1 x BOLT, NUT & LOCKWASHER) (Suits S/N MH500147 and above)

Right Side Scraper



Left Side Scraper

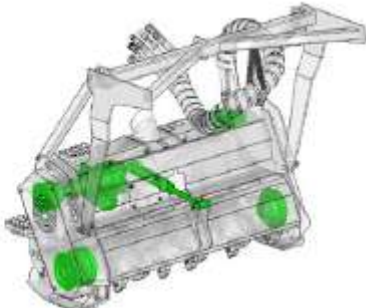


Standard Carbide



OPTIONAL Replacement Teeth for HM315C, HM415C & HM418C Mulcher (Example below)

Part #	Description	Part #	Description
475-2813	Rock Resistant Tooth – (Additional Carbide surface for use in rocky substrate)	475-2814	Chisel Knife Tooth – (Requires sharpening every 8-10hrs)
		475-2815	Chisel Adapter (One per tooth, necessary only on first installation of Chisel teeth)
			

EPP PART #	CAT MULCHERS EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	<p>EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY</p> <p>36 months / Unlimited hours from Delivery Date Parts & Labour Transferable within ANZ Region, *T's & C's Apply</p> <p>NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.</p> <p>Mulcher</p> <p>The following major component categories are covered in the Mulcher EPP:</p> <ul style="list-style-type: none"> Mulching Head - Drive Group Mulching Head Arrangement - Rotary Cutter Group Mulching Head Group – Rotary Cutter Drum Group Mulching Head – Hydraulic Group, and Piston Hardware related to above components 	<p>HM112C \$2770</p> <p>HM115C \$2910</p> <p>HM215C \$3010</p> <p>HM418C \$4440</p>

RAKES – LANDSCAPE - SSL/CTL/MTL

Cat® Landscape Rakes are ideal for residential, commercial, agricultural, building construction, lawn care and golf course maintenance applications in preparation for seeding or sodding. They use the scarifying action of the hardened teeth to pulverize, aerate, level and condition the soil, while collecting and depositing rock and debris (ranging from 19mm to 152mm in diameter) in the integrated hopper bucket for quick removal. Landscape rakes are designed to operate with the loader traveling in reverse, leaving the soil finely groomed with minimal tire compaction.

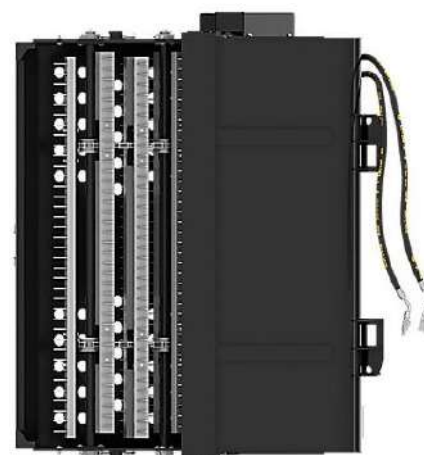
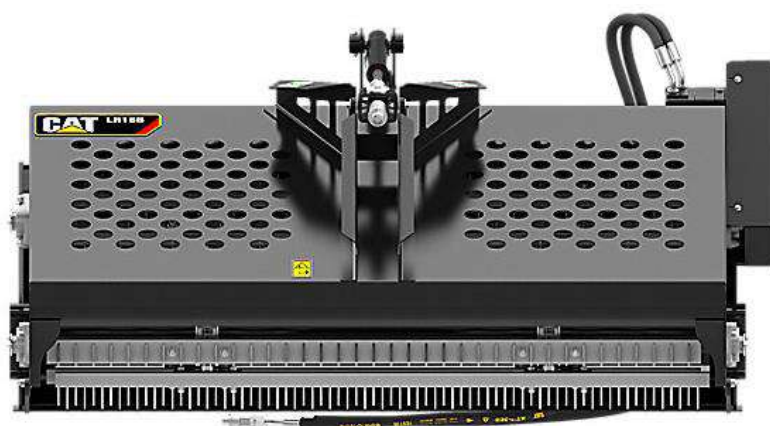
If soil is hard and compacted it is recommended that the Power box rake is used.

When selecting a rake the rake should always be wider than the track or the wheel base of the machine it will be fitted to.



Part #	Suits: 216, 226D, 236D, 239D, 242D, 246D, 249D, 259D, 262D	Avail.
224-9220 WRKSHOP: 1.5	LR15B LANDSCAPE RAKE 1676mm (66") (595kg) Working Width : 1576mm (62"), Raking Width: 1397mm (55") Struck capacity: 0.31m3 (0.40 yd3) Rake bars on conveyer chains, Poppet valve controlled circuitry Hydraulic Flow range: 42-86 l/min Hydraulic Pressure range: 145-235 bar (2,100-3,400 psi) INCLUDES: CHAIN drive unit, 2 x hydraulic lines with quick disconnects, mounting bracket and hardware REQUIRES: Standard Flow Hydraulics	USA

Part #	Suits: 236D – 299D	Avail.
224-9221 WRKSHOP: 1.5	LR18B LANDSCAPE RAKE 1990mm (78") (653kg) Working Width : 1883mm (74"), Raking Width: 1655mm (65") Struck capacity: 0.34m3 (0.44 yd3) Rake bars on conveyer chains, Poppet valve controlled circuitry Hydraulic Flow range: 42-86 l/min Hydraulic Pressure range: 145-235 bar (2,100-3,400 psi) INCLUDES: CHAIN drive unit, 2 x hydraulic lines with quick disconnects, mounting bracket and hardware REQUIRES: Standard Flow Hydraulics	MDC / USA

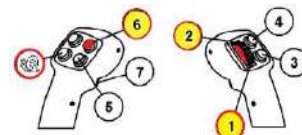


EPP PART #	CAT LANDSCAPE RAKE EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour Transferable within ANZ Region, *T's & C's Apply NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.	LR15B \$820 LR18B \$870

RAKE - POWER BOX - SSL/CTL/MTL

Cat® Power Box Rakes are ideal for clearing and preparing soil in general construction trench restoration, golf course construction and athletic field maintenance. They offer the versatility to de-thatch, remove old lawns and weeds, grade, level, rake, remove debris and prepare seedbeds. The angling ability allows the operator to windrow collected debris for easy pickup and removal.

NOTE: Machine requires 14-pin Electrical Harness & 4-button left hand joystick



PR172	Suits: 226D – 299D2 & 908K/M	Avail.
424-0420 WRKSHOP: 2	PR172 POWER BOX RAKE 1829mm (HYD ANGLE) (420kg) Overall Width : 2057mm Roller Width: 1829mm Hydraulic angling +/- 20 degrees over centre Standard Flow Hydraulic range: 49-86 L/min Hydraulic Pressure range: 230 bar (3,340 psi) INCLUDES: 2 x hydraulic lines with quick disconnects, mounting bracket, hardware & 14-pin electrical plug MACHINE REQUIRES: 14-pin Electrical Harness & 4-button left hand joystick	USA

PR184	Suits: 232D – 299D2 & 908K/M	Avail.
424-0421 WRKSHOP: 2	PR184 POWER BOX RAKE 2134mm (HYD ANGLE) (476kg) Overall Width : 2362mm Roller Width: 2134mm Hydraulic angling +/- 20 degrees over centre Standard Flow Hydraulic range: 57-86 L/min Hydraulic Pressure range: 230 bar (3,340 psi) INCLUDES: 2 x hydraulic lines with quick disconnects, mounting bracket, hardware & 14-pin electrical plug MACHINE REQUIRES: 14-pin Electrical Harness & 4-button left hand joystick	MDC / USA

PR190	Suits: 232D – 299D2 & 908K/M	Avail.
424-0422 WRKSHOP: 2	PR190 POWER BOX RAKE 2286mm (HYD ANGLE) (599kg) Overall Width : 2515mm Roller Width: 2286mm Hydraulic angling +/- 20 degrees over centre Standard Flow Hydraulic range: 57-86 L/min Hydraulic Pressure range: 230 bar (3,340 psi) INCLUDES: 2 x hydraulic lines with quick disconnects, mounting bracket, hardware & 14-pin electrical plug MACHINE REQUIRES: 14-pin Electrical Harness & 4-button left hand joystick	MDC / USA

DEMONSTRATION TIP: Operate the Power Box Rake with the front tires of the SSL slightly off the ground. This allows the tool to perform at its best. Drop the loader arms all the way & tilt onto the rake's gauge wheels

For CTL's/MTL's, the front of the track should be off the ground about 2.5 cm. This allows for sufficient down pressure without jeopardising the track engagement



Power Box Rake Operating Tips – Bob Shoop

EPP PART #	CAT POWER BOX RAKE EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour Transferable within ANZ Region, *T's & C's Apply NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.	PR172 \$970 PR184 \$1120 PR190 \$1290

RIPPERS – MHEX & BHE

Rippers are ideal tools for landscaping, land clearing, demolition and site preparation. Rippers can be used with a pin grabber coupler, coupler and thumb or as a pin on attachment. When used with the pin grabber coupler, rippers can easily interchange with Cat buckets for multiple operations.



301.4C / 301.7D		
Part #	Description	Avail
N/A	CAT does not make one at this time	N/A

303.5E, 304E2		
Part #	Description	Avail
453-8570	RIPPER GP – 490MM (650mm Tip Radius) INCLUDES: Pins & one J200 long tooth tip (45kg)	MDC

305 / 305.5E2		
Part #	Description	Avail
453-8571	RIPPER GP – 676MM (810mm Tip Radius) INCLUDES: Pins & one J200 long tooth tip (61kg)	MDC/USA

308E2		
Part #	Description	Avail
453-8572	RIPPER GP – 861MM (1039mm Tip Radius) INCLUDES: Pins & one J225 long tooth tip (107kg)	MDC

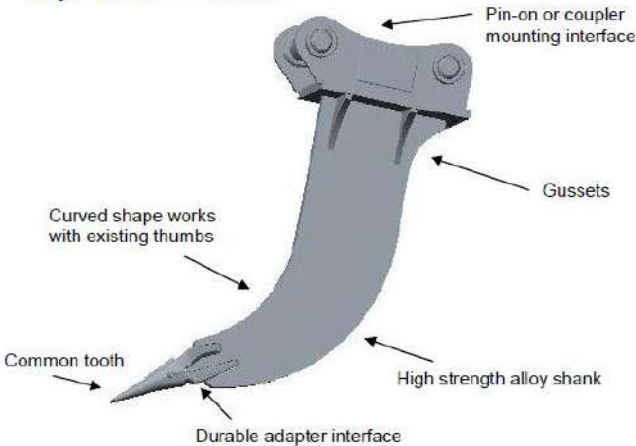
415F2 – 444F2		
Part #	Description	Avail
491-4075	RIPPER GP – 639MM (806mm Tip Radius) INCLUDES: Pins & one J225 long tooth tip (109kg)	MDC

GET for Cat Rippers 303 – 305 (J200)	
Part #	Description
1U-3209	Standard J200 Long Tooth Tip (303-305)
9W-8209	Sharp Centre Tip
4T-2203	Abrasion Tip
135-8208	Twin Sharp Tooth
8E-6208 x 1 8E-6209 x 1	Heavy Duty Pin & Retainer Assembly



GET for Cat Rippers 308 & BHE (J225)	
Part #	Description
6Y-3222	Standard J225 Long Tooth Tip (308 & BHE)
6Y-7229	Sharp Centre Tip
6Y-6223	Heavy Duty Abrasion Tip
135-8228	Twin Sharp Tooth
8E-6208 x 1 8E-6209 x 1	Heavy Duty Pin & Retainer Assembly

Key Features & Benefits



Available Teeth



- Penetration Tip
- Better Penetration
- Less Wear Material
- Self Sharpening



- Sharp Center Tip
- Best Penetration
- Least Wear Material
- DH-3 Steel



- Heavy Duty Abrasion Tip
- Less Penetration
- Sand Gravel and Rock
- Maximum Wear Material

RIPPERS – HEX / GCI

Constructed from high strength steels and built to last, Cat Rippers endure in the toughest conditions. The box-section structure is reinforced for maximum rigidity, transmitting the full machine power to the material being ripped. Rippers feature a replaceable wear tip, and most models also come equipped with a replaceable shank protector.



Cat 364-9152 B-Linkage Ripper

311D/F, 312D/E, 313F, 314D/E, 315F			312 LINKAGE
Part #	Description		Avail
479-0057 172-8472	RIPPER GP + HARDENED PINS KIT SUITS: 311, 312, 313, 314	(710kg)	MDC

316E/F, 318E/F ***DON'T USE FOR 315F***			315 LINKAGE
Part #	Description		Avail
N/A	Cat does not provide a solution for this size of machine SUITS: 315D, 316, 318		N/A

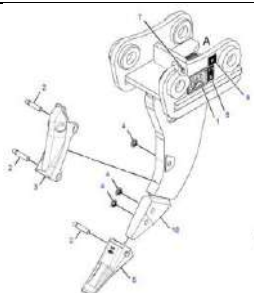
319D, 320D/E/F, 321D, 323D/F & 325F Reach			(B LINKAGE)
Part #	Description		Avail
364-9152 172-8444	RIPPER GP + HARDENED PINS KIT (1577mm Tip Radius w'coupler) SUITS: 319, 320, 321, 323, 325F (REACH)	(505kg)	MDC

324D/E, 326D/F, 325D, 329D/E/F, 330F, 335F ***DON'T USE FOR 330D***			(CB LINKAGE)
Part #	Description		Avail
364-9153 268-4450	RIPPER GP + HARDENED PINS KIT (1914mm Tip Radius w'coupler) SUITS: 324,326, 328, 329, 330F, 335F	(867kg)	MDC

330D, 336D/E/F, 340D/F ***DON'T USE FOR 330F***			(DB LINKAGE)
Part #	Description		Avail
352-2591 268-5606	RIPPER GP + HARDENED PINS KIT (1881mm Tip Radius w'coupler) SUITS: 330D, 336, 340	(930kg)	MDC

345D, 349D/E/F, 352F			(TB LINKAGE)
Part #	Description		Avail
334-0505 246-8124	RIPPER GP + HARDENED PINS KIT (1914mm Tip Radius w'coupler) SUITS: 345, 349, 352	(1003kg)	USA

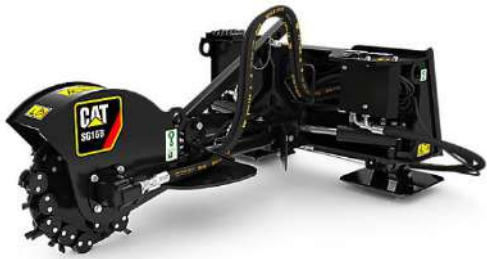
349 MASS, 374 REACH			(UB / VB LINKAGE)
Part #	Description		Avail
364-9154 241-9301	RIPPER GP + HARDENED PINS KIT (1719mm Tip Radius pin-on) SUITS: 345, 349, 352 MASS LINKAGE, 365, 374D REACH	(1456kg)	MDC



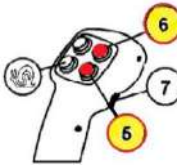

STUMP GRINDER – SSL/CTL/MTL

Cat® Stump Grinders are designed to economically remove stumps in residential, commercial and agricultural settings. They offer increased production over tow-behind grinders in situations where multiple stump removal is required. The right balance of cutting wheel speed and torque makes quick work of most tree varieties.

NOTE: Machine requires having 14-pin electrical harness & 4-button left-hand joystick.



SG16B	Suits: 216B – 299D2 & 903 - 908K/M STANDARD FLOW	Avail.													
424-0461 WRKSHOP: 2	<div><div><div>SG16B STUMP GRINDER</div><div>Overall Width : 1175mm Cutting Wheel Diameter: 457mm (32 carbide teeth) MANUAL adjustable cutting head Hydraulic controlled boom swing - 70 degree range of motion Electro-hydraulic controlled boom extension 11" (280mm) INCLUDES: 2 x hydraulic lines with 1/2" quick disconnects, mounting bracket, & 14-pin electrical harness REQUIRES: Standard flow hydraulics MACHINE REQUIRES: 14-pin Electrical Harness, Left joystick: 4-button WT Deluxe and right joystick to be hydraulic proportional</div></div><div><div><div><div><div><div></div><div>6</div></div><div><div>5</div><div>7</div></div></div><div><div>2</div><div>4</div><div>3</div><div>1</div></div></div><div><table><tr><th>Button</th><th>Function</th></tr><tr><td>2</td><td>Cutting Rotation</td></tr><tr><td>5+2</td><td>Swing Left</td></tr><tr><td>6+2</td><td>Swing Right</td></tr><tr><td>7*+6+2</td><td>Extend Out</td></tr><tr><td>7*+5+2</td><td>Retract In</td></tr><tr><td>Manual</td><td>Lift/Lower</td></tr></table><div><div>(379kg)</div><div>USA</div></div></div></div></div></div>	Button	Function	2	Cutting Rotation	5+2	Swing Left	6+2	Swing Right	7*+6+2	Extend Out	7*+5+2	Retract In	Manual	Lift/Lower
Button	Function														
2	Cutting Rotation														
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Manual	Lift/Lower														

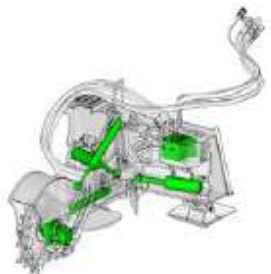
SG18B	Suits: 226D, 239D, 249D, 279D, 299D2 XPS HIGH FLOW OR HIGH FLOW XPS	Avail.																
424-0460 WRKSHOP: 2	<div><div><div><h3>SG18B STUMP GRINDER</h3><p>Overall Width : 1175mm Cutting Wheel Diameter: 457mm (32 carbide teeth) Electro-Hydraulic boom swing - 70 degrees range of motion Electro-Hydraulic boom extension - 280mm) Electro-Hydraulic boom depth - 49 degrees range of motion INCLUDES: 2 x hydraulic lines with 1/2" quick disconnects + 1 x case drain line, 14-pin electrical harness, mounting bracket and hardware MACHINE REQUIRES: High Flow Hydraulics, 14-pin Electrical Harness, Left joystick: 4-button WT Deluxe and right joystick to be hydraulic proportional</p></div><div><table><tr><th>Button</th><th>Function</th></tr><tr><td>2</td><td>Cutting Rotation</td></tr><tr><td>3</td><td>Swing Left</td></tr><tr><td>4</td><td>Swing Right</td></tr><tr><td>5+4</td><td>Extend Out</td></tr><tr><td>5+3</td><td>Retract In</td></tr><tr><td>5+4</td><td>Lift</td></tr><tr><td>5+3</td><td>Lower</td></tr></table></div><div></div></div><div>(379kg)</div></div> <td>MDC / USA</td>	Button	Function	2	Cutting Rotation	3	Swing Left	4	Swing Right	5+4	Extend Out	5+3	Retract In	5+4	Lift	5+3	Lower	MDC / USA
Button	Function																	
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5+3	Lower																	

FOR D-SERIES XHP MACHINES		
382-6186	CONVERSION KIT for XHP MACHINES ONLY Serial #'s beginning with NLC & SHY Only (Kit includes ½" to ¾" nipples & Quick Disconnects to fit XHP)	USA MADE TO ORDER



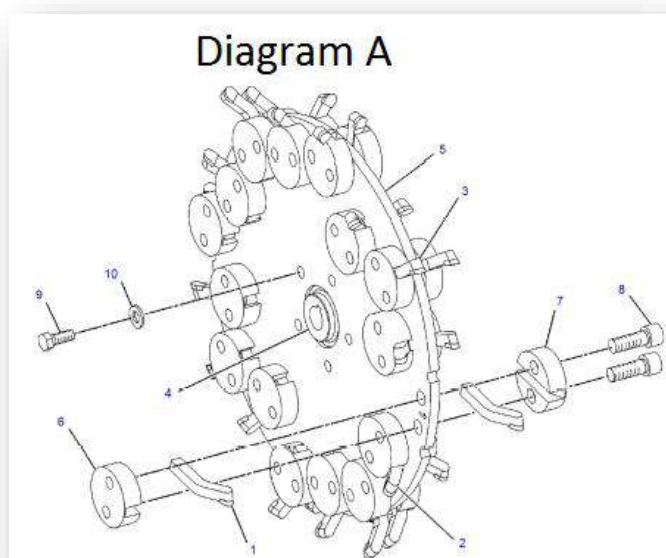
Stump Grinder Operating
Tips – Bob Shoop

STUMP GRINDER GET & EPP OPTIONS – NEXT PAGE.....

EPP PART #	CAT STUMP GRINDERS EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	<p>EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY</p> <p>36 months / Unlimited hours from Delivery Date Parts & Labour Transferable within ANZ Region, *T's & C's Apply</p> <p>NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.</p> <p>Stump Grinder</p> <p>The following major component categories are covered in the Stump Grinder EPP:</p> <ul style="list-style-type: none"> Hydraulic Cylinder Groups - Swing, Extension and Depth Motor Group – Gerotor Control Manifold Group (to include Valve Groups / Assemblies) Hardware related to above components 	<p>SG16B \$940</p> <p>SG18B \$1270</p>

STANDARD Replacement Teeth & Hardware for SG16B & SG18B Stump Grinders (Diagram right)

	Part #	Description
1	173-9332 x 14	Left Hand Tooth
2	173-9333 x 14	Right Hand Tooth
3	173-9334 x 4	Straight Tooth
6	224-4473 x 16	Tooth Holder
7	224-4474 x 16	Tooth Holder
8	013-8374 x 32	Bolt (Socket Head)



THUMBS (HYDRAULIC) – MHEX

Hydraulic Thumbs increase machine productivity as they enable the machine operator to use the bucket and thumb like you would use your hand. When not in use the thumb folds back and can be readily activated quickly. A shut-off valve enables the use of other hydro mechanical work tools while keeping the thumb retracted. Allow approx. 3 hours to fit. The Cat hydraulic pin-on thumb is able to maintain its relationship with the rotation of the bucket & is engineered to match the bucket tip radius, width & spacing of the teeth to enable it to mesh perfectly.



Part #	Suits: 302.4D, 302.7D	Avail.
451-6380 INSTALL: 4.22hrs (DPO)	HYDRAULIC THUMB KIT (64kg) INCLUDES: Thumb group with 2 teeth MACHINE REQUIRES: Auxiliary lines group with two-way flow functionality, thumb ready stick or separate mounting bracket, Pin-On or Cat Manual Coupler (361-1093) COMPATIBLE WITH 400mm to 610mm BUCKETS	MDC / USA
204-4972	OPTIONAL MOUNTING BRACKET FOR USE WITH: MACHINES WITHOUT THUMB-READY STICKS	USA

Part #	Suits: 303.5E, 304E2	Avail.
452-2740 INSTALL: 4.22hrs (DPO)	HYDRAULIC THUMB KIT (66kg) INCLUDES: Thumb group with 2 teeth MACHINE REQUIRES: Auxiliary lines group with two-way flow functionality, thumb ready stick or separate mounting bracket, Pin-On, Cat Manual Coupler (444-7494) or Cat Hyd. Coupler (361-1095) COMPATIBLE WITH Cat 400mm to 914mm BUCKETS	MDC
204-4972	OPTIONAL MOUNTING BRACKET FOR USE WITH: MACHINES WITHOUT THUMB-READY STICKS	USA

Part #	Suits: 305E2, 305.5E2	Avail.
523-8647 INSTALL: 4.22hrs (DPO)	HYDRAULIC THUMB KIT INCLUDES: Thumb group with 2 teeth MACHINE REQUIRES: Auxiliary lines group with two-way flow functionality, thumb ready stick or separate mounting bracket, Pin-On, Cat Manual Coupler (444-7496) or Cat Hyd. Coupler (361-1097) COMPATIBLE WITH Cat 457mm to 914mm BUCKETS	STORE / MDC
265-5855	OPTIONAL MOUNTING BRACKET FOR USE WITH: MACHINES WITHOUT THUMB-READY STICKS	USA

Part #	Suits: 308E2	Avail.
305-6741 INSTALL: 4.22hrs (DPO)	HYDRAULIC THUMB KIT INCLUDES: Thumb group with 2 teeth MACHINE REQUIRES: Auxiliary lines group with two-way flow functionality, thumb ready stick or separate mounting bracket, pin-on or Cat Hyd. Coupler (361-1099) COMPATIBLE WITH Cat 457mm to 914mm BUCKETS	STORE / MDC
265-5855	OPTIONAL MOUNTING BRACKET FOR USE WITH: MACHINES WITHOUT THUMB-READY STICKS	USA



TRENCHERS – SSL/CTL/MTL

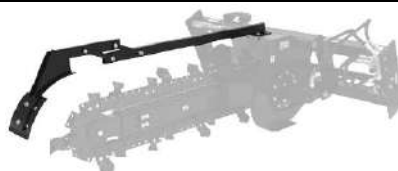
Cat® Trenchers are designed for cutting narrow straight trenches in the soil prior to laying electrical, telephone and cable lines, or water and gas pipe. Trenchers are ideal for residential, commercial, agricultural, building construction, lawn care and golf course maintenance. The trenchers are designed to operate with the loader traveling in a reverse direction.



T6B	Suits: 216B – 299D2 & 903-908K/M	Avail.
261-8560 WRKSHP x 1	TRENCHER T6B HYD COMBO CHAIN (914mm x 152mm wide) (397kg) Hydraulic side-shift (via divert switch on trencher frame): 483mm both left and right over centre Trench depth: 914mm with boom angle @ 60 degrees Combi chain included, 152mm (6") cutting width; 50/50 Carbide/Cup teeth REQUIRES: Standard Flow Hydraulic range: 42-86 L/min Hydraulic Pressure range: 145-235 bar (2,100 – 3,400 psi) <i>Productivity @ 0.5 - 0.9m depth: 3.5 - 5.5m/min (depending on operator experience & ground conditions)</i>	MDC / USA
264-5714 264-7597 WRKSHP x 1	OPTIONAL T6B CRUMBER ARM & SHOE Cleans out trench & follows chain teeth. Suits: 152mm - 202mm wide chains	MDC

T9B	Suits: 226D – 299D2 & 903-908K/M	Avail.
241-4254 WRKSHP x 1	TRENCHER T9B HYD COMBO CHAIN (1219mm x 152mm wide) (551kg) Hydraulic side-shift (via divert switch on trencher frame): 559mm both left and right over centre Trench depth: 1219mm with boom angle @ 60 degrees Combi chain included, 152mm (6") cutting width; 50/50 Carbide/Cup teeth REQUIRES: Standard Flow Hydraulic range: 42-86 L/min Hydraulic Pressure range: 145-235 bar (2,100 – 3,400 psi) <i>Experienced Operator Productivity @ 1m depth (80% compacted soil): 6.7 - 7m/min (combo chain with track machine in creeper control mode).</i>	MDC
264-7601 264-7597 WRKSHP x 1	OPTIONAL T9B CRUMBER ARM & SHOE Cleans out trench & follows chain teeth. Suits: 152mm - 202mm wide chains	MDC / USA

T15B	Suits: 226D – 299D2 & 903-908K/M HIGH FLOW XPS	Avail.
424-0473 WRKSHP x 1.5	TRENCHER T9B HYD COMBO CHAIN (1524mm x 152mm wide) (601kg) Hydraulic side-shift (via divert switch on trencher frame): 559mm both left and right over centre Trench depth: 1524mm with boom angle @ 60 degrees Combi chain included, 152mm (6") cutting width; 50/50 Carbide/Cup teeth REQUIRES: High Flow or HF XPS Hydraulic range: 95-152 L/min Hydraulic Pressure range: 145-235 bar (2,100 – 3,400 psi)	MDC / USA
264-7602 264-7597 WRKSHP x 1	OPTIONAL T15B CRUMBER ARM & SHOE Cleans out trench & follows chain teeth. Suits: 152mm - 202mm wide chains	MDC / USA



Optional Crumber Arm
Ensures smooth trench bottom following chain teeth

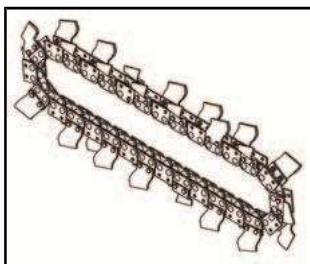


Trencher Operating Tips (Bob Shoop)

Trenchers continued....next page

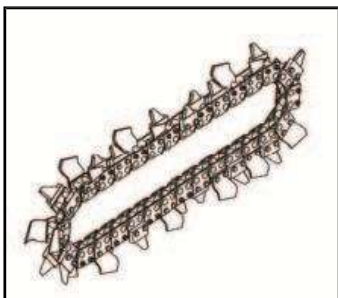
EPP PART #	CAT TRENCHERS EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour Transferable within ANZ Region, *T's & C's Apply NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details.	T6B \$500 T9B \$700 T15B \$850

TRENCHER CHAIN OPTIONS



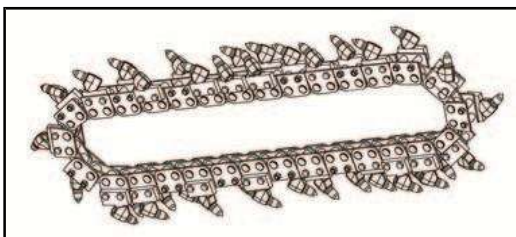
Standard Cup Chains are comprised of cup teeth with embedded tungsten carbide hard facing and are typically used in soft to normal digging conditions, such as sand and clay. Standard cup chain teeth are arranged in single standard pattern (tooth every other station) and are available in 6, 8, 10 and 12 in (152, 203, 254 and 305 mm) width configurations for the T6B and T9B Trencher and in 6, 8 and 10 in (152, 203 and 254 mm) widths for the T15B Trencher.

STANDARD CUP CHAIN (WET/SANDY/LOOSE DIRT)			
WIDTH	T6B (914mm)	T9B (1219mm)	T15B (1524mm)
152MM (6")	263-3420	166-0821	189-0702
203MM (8")	263-3421	194-4681	193-5727
305MM (12")	263-3427	195-3900	193-5729



Combination Bolt-On Hard Soil/Cup Chains include a 50/50 set-up of carbide teeth paired with cup teeth, where the combination works as a "pick and shovel" to break the ground and remove spoil from the trench. Combination chains are typically used in medium to hard density soils. Carbide teeth are fin shaped with a hardened edge, mounted in front of the cup teeth in for aggressive digging and offering protection to the points of the cup teeth. The most versatile of the chains, combo chains enable the machine to work in a variety of soil types and applications. Combination chain teeth are arranged in double standard pattern (tooth every station) and are available in 6 and 8 in (152 and 203 mm) width configurations for T6B, T9B and T15B Trenchers. Combination chain with 50/50 rock- frost and cup teeth are available only through the parts distribution system.

COMBO CHAIN (LOOSE DIRT/HARD/ROCKY)		SUPPLIED WITH TRENCHER	
WIDTH	T6B (914mm)	T9B (1219mm)	T15B (1524mm)
152MM (6")	263-3422	208-2781	208-2791
203MM (8")	263-3423	208-2784	207-2794



Rock Frost Chains are comprised of 100% conical carbide bit teeth and are recommended for severe digging conditions, such as hard caliche, coral, rock, asphalt, frost and hard clay. Conical bits are self-sharpening as they are allowed to rotate in their bit holder during trenching. Due to the absence of cup teeth, these chains are less effective in removing spoil from the trench.

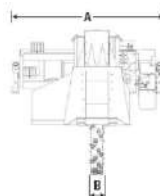
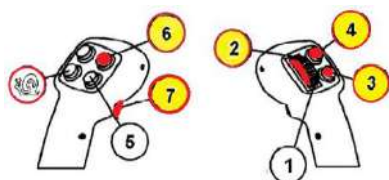
ROCK-FROST CHAIN (HARD/ROCK/ASPHALT)			
WIDTH	T6B (914mm)	T9B (1219mm)	T15B (1524mm)
152MM (6")	N/A	208-2782	208-2792

WHEEL SAWS – SSL/CTL/MTL/SWL

Wheel Saws are designed for high performance trench cutting on a Variety of hard or compacted surfaces such as rock, reinforced concrete or rock. Wheel saws are ideal for suburban areas when precision cutting of industrial surfaces for installing services are required.

Check Machine installed options to avoid exceeding the maximum total machine rated capacity

NOTE: Machine needs to be fitted with 14-pin Electrical harness & 4-btn LH Joystick



SW345B	Suits: Suits: 239D*, 246D*, 249D*, 259D*, 262D*, 272D2, 279D, 289D, 299D2 & 906K-908M HIGH FLOW XPS *Lift Restricted & Extra Counterweights Required	Avail.
381-8410 WRKSHP x 2	SW345B WHEEL SAW 80mm Cutting Width (1,156kg) Saw Width: 80mm [64 Conical Concrete Bits – 227-7340] Max Dig Depth: 450mm Optimal Flow / Pressure: 125 L/min / 280 bar (4000 psi) Dimensions (L x W x H): 2165 x 1850 x 1455mm Electro-Hydraulic Sideshift, Depth Control INCLUDES: 3 x hydraulic lines with quick disconnects, mounting bracket REQUIRES: HF XPS Hydraulics, WT Joysticks: Left WT Deluxe and Right Hydraulic Proportional MACHINE REQUIRES: Control, Work Tool, Electrical & Counterweights	USA
NOTE: When SW345B is fitted to D-Series XHP machines, requires 382-6186 Kit NOTE: Cannot be used with trench cleaning device. NOTE: Machine requires counterweights		

SW360B	Suits: 272D2, 279D, 289D, 299D2 HIGH FLOW XPS *Lift Restricted & Extra Counterweights Required	Avail.
440-8250 WRKSHP x 2	SW360B WHEEL SAW 100mm Cutting Width (1,345kg) Saw Width: 100mm [80 Conical Concrete Bits – 227-7340] Max Dig Depth: 600mm Optimal Flow / Pressure: 125 L/min / 280 bar (4000 psi) Dimensions (L x W x H): 2365 x 1850 x 1765mm Piston Motor, Electro-Hydraulic Sideshift, Depth Control, Trench Cleaner INCLUDES: 3 x hydraulic lines with quick disconnects, mounting bracket REQUIRES: HF XPS Hydraulics, WT Joysticks: Left WT Deluxe and Right Hydraulic Proportional MACHINE REQUIRES: Control, Work Tool, Electrical & Counterweights	USA
381-8430 WRKSHP x 2	SW360B WHEEL SAW 160mm Cutting Width (1,365kg) Saw Width: 160mm [96 Conical Concrete Bits – 227-7340] Max Dig Depth: 600mm Optimal Flow / Pressure: 125 L/min / 280 bar (4000 psi) Dimensions (L x W x H): 2365 x 1850 x 1765mm Piston Motor, Electro-Hydraulic Sideshift, Depth Control, Trench Cleaner INCLUDES: 3 x hydraulic lines with quick disconnects, mounting bracket REQUIRES: HF XPS Hydraulics, WT Joysticks: Left WT Deluxe and Right Hydraulic Proportional MACHINE REQUIRES: Control, Work Tool, Electrical & Counterweights	USA
381-8440 WRKSHP x 2	SW360B WHEEL SAW 200mm Cutting Width (1,395kg) Saw Width: 200mm [96 Conical Concrete Bits – 227-7340] Max Dig Depth: 600mm Optimal Flow / Pressure: 125 L/min / 280 bar (4000 psi) Dimensions (L x W x H): 2365 x 1850 x 1765mm Piston Motor, Electro-Hydraulic Sideshift, Depth Control, Trench Cleaner INCLUDES: 3 x hydraulic lines with quick disconnects, mounting bracket REQUIRES: HF XPS Hydraulics, WT Joysticks: Left WT Deluxe and Right Hydraulic Proportional MACHINE REQUIRES: Control, Work Tool, Electrical & Counterweights RECOMMENDED: AMICS or advanced display, Heavy Duty tire fitment	USA
SW380B 381-8450	SW380B WHEEL SAW 250mm Cutting Width NOTE: This wheel saw is made to order and may require extended lead times.	USA (MADE TO ORDER)
NOTE: When SW360B is fitted to D-Series XHP machines, requires 382-6186 Kit NOTE: Machine requires counterweights		

WHEEL SAW's (for XHP) continued....next page

SW460B	Suits: 272D2 XHP, 297D XHP, 299D2 XHP ONLY HIGH FLOW XHP *Lift Restricted & Extra Counterweights Required	Avail.
381-8470 WRKSHP x 2	SW460B WHEEL SAW 160mm Cutting Width (1,365kg) Saw Width: 160mm [96 Conical Concrete Bits – 227-7340] Max Dig Depth: 600mm Optimal Flow / Pressure: 150 L/min / 280 bar (4000 psi) Dimensions (L x W x H): 2365 x 1850 x 1765mm Piston Motor, Electro-Hydraulic Sideshift, Depth Control, Trench Cleaner, Max Pro Pressure Gauge INCLUDES: hydraulic lines with ¾" quick disconnects, case drain, 14-pin harness, mounting bracket MACHINE REQUIRES: XHP Hydraulics, WT Joysticks: Left WT Deluxe and Right Hydraulic Proportional, Control, Work Tool, 14-pin Electrical & Counterweights RECOMMENDED: AMICS or advanced display, Heavy Duty tire fitment	USA
381-8480 WRKSHP x 2	SW460B WHEEL SAW 200mm Cutting Width (1,365kg) Saw Width: 200mm [96 Conical Concrete Bits – 227-7340] Max Dig Depth: 800mm Optimal Flow / Pressure: 125 L/min / 280 bar (4000 psi) Dimensions (L x W x H): 2365 x 1850 x 1765mm Piston Motor, Electro-Hydraulic Sideshift, Depth Control, Trench Cleaner, Max Pro Pressure Gauge INCLUDES: hydraulic lines with ¾" quick disconnects, case drain, 14-pin harness, mounting bracket MACHINE REQUIRES: XHP Hydraulics, WT Joysticks: Left WT Deluxe and Right Hydraulic Proportional, Control, Work Tool, 14-pin Electrical & Counterweights RECOMMENDED: AMICS or advanced display, Heavy Duty tire fitment	USA

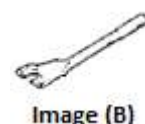
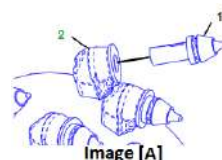
NOTE*: Check Machine installed options to avoid exceeding the maximum total machine rated capacity

SW480B	Suits: 272D2 XHP, 297D XHP, 299D2 XHP ONLY HIGH FLOW XHP *Lift Restricted & Extra Counterweights Required	Avail.
381-8490 WRKSHP x 2	SW480B WHEEL SAW 250mm Cutting Width (1,365kg) Saw Width: 250mm [72 Conical Concrete Bits – 227-7340] Max Dig Depth: 800mm Optimal Flow / Pressure: 150 L/min / 280 bar (4000 psi) Dimensions (L x W x H): 2490 x 1850 x 1950mm Piston Motor, Electro-Hydraulic Sideshift, Depth Control, Trench Cleaner, Max Pro Pressure Gauge INCLUDES: hydraulic lines with ¾" quick disconnects, case drain, 14-pin harness, mounting bracket MACHINE REQUIRES: XHP Hydraulics, WT Joysticks: Left WT Deluxe and Right Hydraulic Proportional, Control, Work Tool, 14-pin Electrical & Counterweights RECOMMENDED: AMICS or advanced display, Heavy Duty tire fitment NOTE: This wheel saw is made to order and may require extended lead times.	USA (MADE TO ORDER)

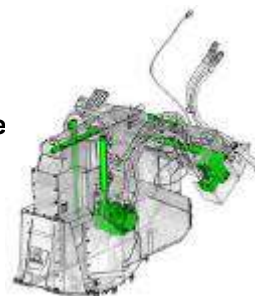
NOTE*: Check Machine installed options to avoid exceeding the maximum total machine rated capacity

REPLACEMENT BITS & HOLDERS FOR WHEEL SAWS

Part #	Description
227-7340	Standard Concrete Bit (Concrete, Limestone, Rocks)
222-7571	All Purpose Bit (Asphalt & Concrete)
226-9308	Block Holder for Bit [Refer Image (A) #2]
104-8591	Punch (Bit Remover Tool designed to remove the teeth from the bit holder)
8T-4774	Puller (2nd Tool designed to remove the teeth from the bit holder) [Refer Image (B)]



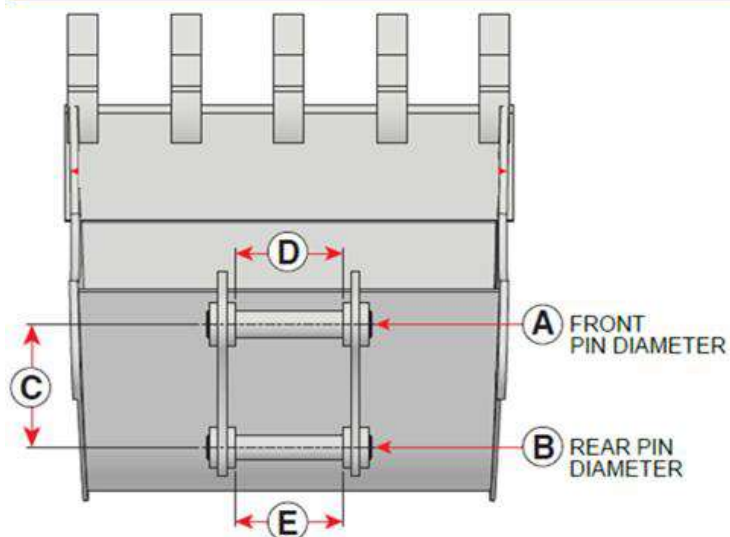
EPP PART #	CAT WHEEL SAW EXTENDED WARRANTY	2018 (Ex GST)
86NSUU1220000 86NSUU3630200	EPP - 3-YEAR UNLIMITED HOUR EXTENDED WARRANTY 36 months / Unlimited hours from Delivery Date Parts & Labour Transferable within ANZ Region, *T's & C's Apply NOTE: All EPP requests MUST be lodged with NSW Warranty Helpdesk. Warranty will invoice customer directly. Need to provide supply doc #, Work Tool Serial # & Customer contact details. Whee The following major component categories are cover in the Wheel Saw EPP <ul style="list-style-type: none"> Piston Motor Group Cylinder & Mounting Groups – Depth, Side Shift & Trench Cleaner Manifold Control Group (& related Vales / Valve Groups) Gauge Group Hardware related to above components 	SW345B \$2670 SW360B \$3470 SW460B \$4040 SW480B \$4240



MHEX & BHE BUCKET PIN LINKAGES

MACHINES	FRONT (STICK) PIN DIA. (mm) (A)	REAR (LINK) PIN DIA. (mm) (B)	FACE SPREAD (Boss to Boss) (mm) (D & E)	PIN SPREAD (Front to Rear) (mm) (Cntr to Cntr) (C)	BUCKET PINS KIT PART #
300.9D ONLY	25	25	100	86.3	373-5697x 2 + 373-5664 x 2
301.4C /301.7D/ 301.8C	30	30	106-111	126.5	154-2672
302.4D/302.5/302.5C/302.7D	35	35	135-140	165-170	154-2683
303, 303C, 303.5C/D/E, 304D/E	40	40	137	210	154-2638
304, 304.5, 305 A-Series (OBSOLETE)	40	40	156	260	154-2653
304C, 305C/D/E, 305.5D/E	45	45	158	260.5	282-2785
307D, 308D/E	50	50	205	306	308-0324
BACKHOE SERIES II / B / C (OBSOLETE)	50.5	45	256(F) 206(R)	370	137-3848
BACKHOE D / E / F SERIES	50	45	256(F) 208(R)	345.3	178-3593

PICKUP MEASUREMENTS



HEX BUCKET PIN LINKAGE MEASUREMENTS

August 2016

Model Linkage Cross Reference Chart for Cat® Tracked and Wheeled Excavators

Every machine model shown in this guide is not available to every Cat dealer with access to this publication. Contact your local Cat sales representative if you require further clarity.

Linkage Name	312, A	315, 316	WHEX	B	CB	DB	TB	UB	VB2	WB2	HB2	JC
Stick Pin Dia (mm)	65	70	70	80	90	100	110	120	120	130	130	140
Link Pin Dia (mm)	65	70	70	80	90	90	100	110	110	120	120	140
Face Spread (mm)	221	281	281	311	351	385	441	501	501	551	551	651
Pin Spread (mm)	407	463	430	445/485*	485/512*	500/528*	587	635	635	675	650	700
Retention Type	XB	XB	BF	XB	BF	BF	BF	CF	CF	CF	CF	CF
311D	Reach											
311F												
312D												
312D2												
312E												
312F												
313D2												
313F												
314D												
314E												
314F												
315F												
315D		Reach										
316E												
316F												
318D2												
318E												
318F												
M313D			Reach									
M314F												
M315D2												
M315F												
M316F												
M317D2												
M317F												
M318F												
319D				Reach								
320D												
320E												
321D												
323E												
323F												
325F												
M318D												
M320D2												
M320F												

*Wider dimensions accommodates Power Buckets.

LEGEND:

Reach	Reach Linkage
MASS	Mass Excavating Linkage
LR	Long reach configuration

XB	Cross Bolt
CF	Captured Flag
BF	Bolted Flag

GEJQ9342-02

Linkage Name	312, A	315, 316	WHEX	B	CB	DB	TB	UB	VB2	WB2	HB2	JC
Stick Pin Dia (mm)	65	70	70	80	90	100	110	120	120	130	130	140
Link Pin Dia (mm)	65	70	70	80	90	90	100	110	110	120	120	140
Face Spread (mm)	221	281	281	311	351	385	441	501	501	551	551	651
Pin Spread (mm)	407	463	430	445/485*	485/512*	500/528*	587	635	635	675	650	700
Retention Type	XB	XB	BF	XB	BF	BF	BF	CF	CF	CF	CF	CF
M322D				Reach								
M322D2												
M322F												
324D	LR				Reach	MASS						
324E												
326D2												
326F												
328D												
329D												
329D2												
329E												
329F												
330D2												
330F												
335F												
336D				LR		Reach	MASS					
336D2												
336E												
336F												
340D2												
340F												
345D							Reach	MASS				
349D												
349D2												
349E												
349F												
352F												
374D									Reach	MASS		
374F												
390D											Reach	MASS
390F												

*Wider dimensions accommodates Power Buckets.

This reference guide is intended for general ordering work tool attachments please contact your Cat Work Tools representative.

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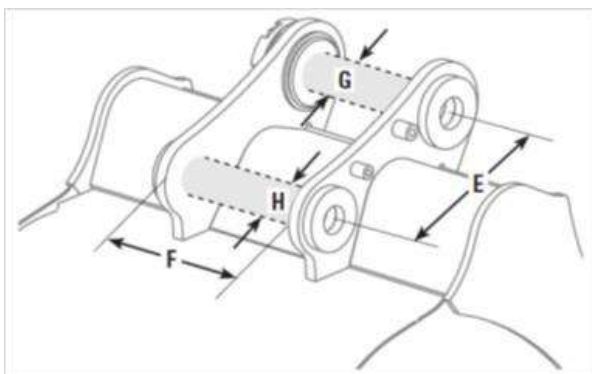


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GEJQ9342-02

August 2016



How to use this chart
G – Stick pin Diameter
H – Link Pin Diameter
E – Pin Spread
F – Face Spread

CAT ATTACHMENTS ON NON-CAT MACHINES

Whether it’s attaching a CAT Hammer to a Kubota, or a Brush Cutter to a Bobcat, CAT Work Tools are a great low cost way of approaching potential customers with competitive machines. However, not all machines are created equal and some modification may be required before a customer can fit a Cat Work Tool onto a competitive machine. Below are some tips on how to approach the fitment of Cat Work Tools on non-Cat equipment.

STANDARD FLOW SSL/MTL WORK TOOLS W/O ELECTRICAL

WILL FIT: ALL SSL/MTL MAKES WITH INDUSTRY STANDARD UNIVERSAL COUPLER. HYDRAULIC CONNECTORS VARY BY MANUFACTURER, MAY NEED TO BE REPLACED.

STANDARD FLOW SSL/MTL WORK TOOLS W/ ELECTRICAL

WILL FIT: MACHINE MUST HAVE STANDARD UNIVERSAL COUPLER. MODIFICATION OF ELECTRICAL CONNECTION MAY BE REQUIRED – E.G BOBCAT USES DIFFERENT ELECTRICAL SET-UP. HYDRAULIC CONNECTORS VARY BY MANUFACTURER, MAY NEED TO BE REPLACED.

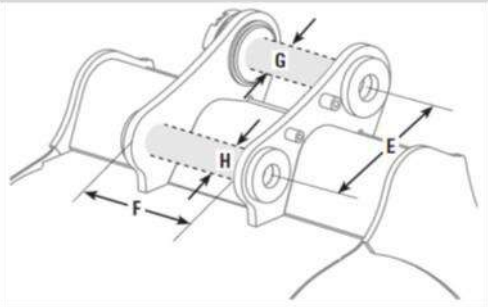
HIGH FLOW AND HIGH FLOW XPS SSL/MTL WORK TOOLS

WILL FIT: MACHINE MUST HAVE STANDARD UNIVERSAL COUPLER. MODIFICATION OF ELECTRICAL CONNECTION MAY BE REQUIRED – E.G BOBCAT USES DIFFERENT ELECTRICAL SET-UP. HYDRAULIC CONNECTORS VARY BY MANUFACTURER, MAY NEED TO BE REPLACED. MANUFACTURER’S FLOWS AND PRESSURES MUST BE CHECKED TO ENSURE CORRECT OPERATION.

MHEX AND HEX WORK TOOLS

WILL FIT: IN ALMOST ALL CASES, A NEW MOUNTING BRACKET WILL NEED TO BE FABRICATED TO FIT A CAT WORK TOOL ONTO A NON-CAT EXCAVATOR. TO CHECK, MEASURE THE PIN DIAMETER OF THE FRONT (G) AND REAR (H) PINS, MEASURE THE PIN SPREAD (E) AND THE FACE SPREAD (F) AND COMPARE TO THE HOST MACHINE’S LINKAGE.

FLOWS AND PRESSURES WILL NEED TO BE CHECKED TO ENSURE THEY MEET THE MINIMUM REQUIREMENTS, SOME MODIFICATION OR REPLACEMENT OF CONNECTING LINES MAY ALSO BE NEEDED.



GLOSSARY OF TERMS

Auxiliary Hydraulics	An additional hydraulic circuit used to operate continuous-flow or bi-directional flow work tools such as multi-purpose buckets or brooms.
Breakout Force	The maximum sustained vertical upward force exerted 100 mm (4 in) behind the tip of the bucket using lift and/or tilt cylinders without the machine tied down.
Bucket Capacity – Struck	A bucket’s volume capacity measured after the load is levelled with a straight edge placed on the front cutting edge and the back of the bucket.
Bucket Capacity – Heaped	Struck capacity plus any additional material heaped at a 2:1 slope.
Electronic Torque Management	A system designed into C-Series machines that maximize rim pull/drawbar during all operating conditions and helps prevent the engine from stalling during high engine torque loading.
GPM	Gallons per minute, measures pump capacity at rated rpm
High Flow	The hydraulics system option providing a higher flow than the standard system utilizing a gear style pump.
High Flow “XPS” (Extreme Performance System)	Hydraulics system option providing flow higher than the “High Flow” option powered by a load sensing variable displacement pump.
Hydraulic Horsepower	Calculated by multiplying system PSI and GPM and dividing by 1,714.
Quick Coupler	Attached to the loader arms, allows fast attachment/removal of work tools.
Hydraulic Quick Coupler	Feature activated by rocker switch in cab consisting of hydraulic cylinders that replace manual handles on the coupler, allowing the vertical chrome wedge pins to be raised and lowered, enabling the operator to engage and disengage the work tool without having to exit the machine and thereby increasing machine productivity.
Lift Capacity to Maximum Height	The maximum weight in the bucket that can be lifted to maximum height at specified working hydraulic pressure with machine unrestrained.
Mounting Plate	The assembly affixed to the back of a work tool that allows it to be coupled to the skid steer loader
PSI	Pounds per square inch, measures the resistance to flow.
Tipping Capacity (Load)	The amount of weight applied to the bucket (at maximum reach) needed to rotate the machine to a point where the rear tires clear the ground.