



MOTOR GRADER RIG OUT CATALOG

AFTERMARKET COMPONENTS AND COMMON MAINTENANCE PARTS

MODELS: 120, 12, 140, 150, 160 and 14

SERIES: H, K and M/M2/M3

LET'S DO THE WORK.™



AFTERMARKET COMPONENTS

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A CLEAR LINE OF SIGHT DOWN THE ROAD OF INNOVATION

CAT® MOTOR GRADERS. NEW NAMES. SAME PRODUCTIVITY AND COMFORT.

120
120K
120M
120M2

140
12M
12M3

150
140M
140M3

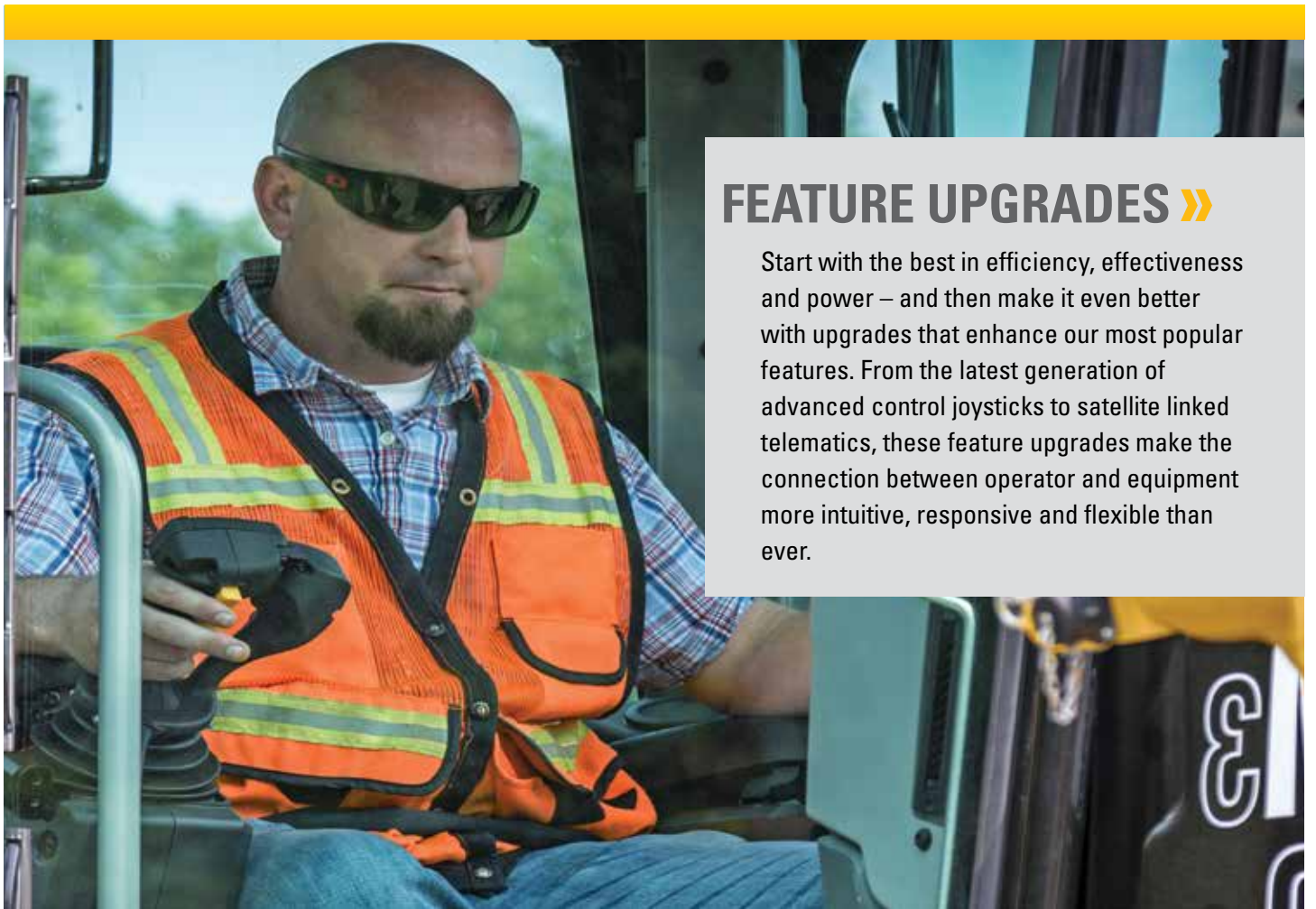
160
160M
160M3

14
14M3

16
16M3

18
18M3

24
24M



FEATURE UPGRADES »

Start with the best in efficiency, effectiveness and power – and then make it even better with upgrades that enhance our most popular features. From the latest generation of advanced control joysticks to satellite linked telematics, these feature upgrades make the connection between operator and equipment more intuitive, responsive and flexible than ever.

Advanced Control Joysticks

Meet the next generation of joysticks that enable operators to keep their hands on the controls at all points of operation. These joysticks add all-grade control functions and attachment controls to the existing joysticks and can be programmed to control any auxiliary attachments added to the machine.



Auto Shift

Shifts are automatically controlled by operator input and can be programmed to automatically shift at optimal points.



Cat Grade Solutions

The AccuGrade™ grade control system brings to the customer an increase in productivity by up to 40 percent while reducing their site costs dramatically. The revolutionary Caterpillar solution is factory integrated, sensor-independent and features a suite of products which includes cross slope, sonic, laser, GPS and ATS technology.



Auto Articulation

Auto articulation seamlessly adds articulation with steering input to simplify operation, improve maneuverability and reduce the turning radius of the machine.



Stable Blade

Stable blade eliminates machine bounce by adjusting the throttle when bounce is detected. This prevents surface damage, improves operator comfort and increases productivity by reducing rework passes.



Reversing Fan

The reversing fan provides two modes: “automatic” and “manual.” The automatic mode will engage the reversing fan at a pre-set time interval to purge the intake screen. This is ideal for customer applications that require cleaning of cooling package once a week or more.



Auto Differential Lock

Standard automatic differential lock/unlock monitors machine and application parameters to unlock/re-lock the differential during operation, improving production and enhancing comfort while protecting the power train. It's standard equipment on all new models, and can be retrofitted on first generation M Series models.



Cat Product Link™

These cellular and satellite-linked Cat telematic offerings enable accurate monitoring of machine location, fuel status, utilization data and product health information at your fingertips.



Motor Graders Technology Performance Bundle

Bring your Motor Grader up to current factory standard production with integrated technologies. This can provide these four integrated technologies, bundled in a kit that represents a cost savings over ordering individual kits.



Advanced Joystick Control

- Easy to operate technology functions
- Keeps hands on the controls
- Reduces hand movements
- Allows operator to focus on work



Stable Blade*

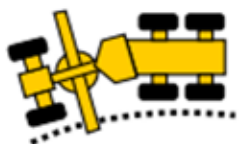
- Detects machine bounce
- Automatically reduces machine bounce to improve grading precision
- No operator effort required

*This product was previously known as Stable Grade



AccuGrade™ Ready

- Prepares machine for upgrading to all AccuGrade™ options
- Adding an AccuGrade™ System will save time, fuel and resources



Auto Articulation

- Automatically articulates while steering
- Enhances maneuverability
- Reduces operator inputs

Digital Blade Slope Meter

Digital Blade Slope Meter displays the blade slope angle on the main display. This feature allows the operator to quickly check cross slope when the front and rear frame are aligned, and the moldboard is perpendicular to the machine.



ACCESSORIES »

Little things can make a big difference. Sometimes a worn-out circle pinion or an iced-over rear view mirror is all that stands between you and getting a job done. These accessories can give you a little more room in the cab, a better view of what's behind you and the right replacement part at the right time. Best of all, they can give you peace of mind.



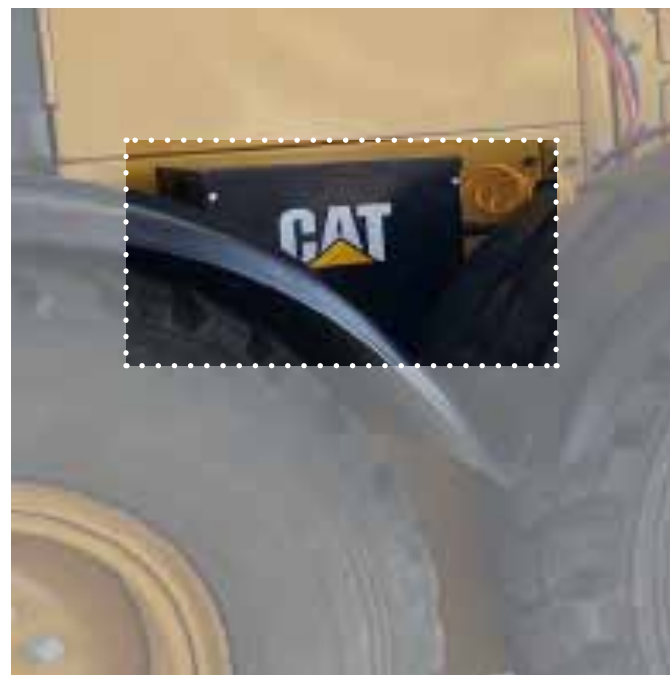
Finish Grade Ready Kit

This indispensable kit includes all critical drawbar, circle and moldboard wear parts to restore and maintain factory tightness. It includes circle shoe wear strips, drawbar and moldboard wear strips and shims, moldboard wear strip end plates and moldboard wear strip hardware.



Cat Air Compressor

Onboard compressed air supply for filling tires, changing cutting edges and blowing out cooling package.



Cab Storage Kit

Make the most of your cab space with these innovative and easy-to-install floor-mounted and headliner storage bins.



Heated Front & Right Hand Side Glass

Optional heated front glass and heated right hand side glass makes operation during inclement weather safer and easier.



Mirror Extensions

Get the performance of our standard mirrors with extensions for expanded visibility.



Circle Saver

This low cost solution for Motor Graders keeps the circle pinion greased via a remote port on the top of the drawbar. That extends both pinion and circle gear life and makes your equipment even easier to maintain.



Moldboard Pivot Pin (Lubricated)

Moldboard pivot pin provides this redesign of the moldboard pivot pin. To improve life of our pivot pin and decrease downtime. This new design will keep tolerance tight and prevent premature wear.



Rear View Camera

The camera is mounted to the rear of the hood and is connected to a LCD color display that is mounted in the cab. The display shows the view behind the machine.



Zero Camber Lean Bar

This will change the camber angle of the front wheels to zero degrees. This change will improve the life of the front tires in certain applications



Beacon / Beacon Guard

Beacons have bright bulbs affixed to a base to help keep the jobsite safe by helping crews know what equipment is in use. Guard helps to protect the beacon from damage and extend the beacon life.



Fast Fill Fuel

A fast fill fuel system allows speedy refuelling of vehicles and increases operator safety. Fast fill systems in general allow for ground level refueling and automatic shut-off upon a full



Front Axle Steering Cylinder Guards

Get the extra protection you need for your steering cylinder hose routings.



Object Detection

Can identify detected objects from the cab and view switches to detected object. Detection of both moving and stationary objects.



Blade Extensions

Provide up to 20% more productivity with genuine Cat blade extensions.



ATTACHMENTS »

Cat Motor Grader attachments are engineered and built for maximum performance. Whatever your business – construction, forestry, landscaping, waste and recycling – the right attachment can help provide a total system solution. From snow plows to blades, Cat Attachments maximize the power and productivity of your Motor Grader.



Straight Front Blade

The Cat straight blade is effective for snow removal, grading, land-levelling or dozing. It's available in widths and heights to match virtually any application and machine size.



Manual / Hydraulic Angle Front Blades

In addition to all the benefits of the Cat Straight Front Blade, this product features 30° of hydraulic left- or right-angle capability. That means increased material control during conventional dozing operations.



Fenders

Fenders are used to help prevent mud, snow, and debris build up and to protect your equipment.



Front-Mounted Hydraulic Broom

Cleaning loose rocks or debris covering intersections and roads is quick and easy with this attachment.



Push Block / Counterweight

The Cat push block is mounted to the Motor Grader nose plate. It acts as both a counterbalance for the rear ripper and as a push point in environments where the Motor Grader might be used as a push vehicle.



Front Lift Group

The front lift group makes attaching front-mounted work tools to the Motor Grader quick and easy. Hydraulics and mounting plates may be needed, depending on the configuration of your machine.



Front-Mounted Scarifier

Designed to break up compacted material, asphalt and rocky subgrade, this attachment helps maintain grading.



Mid-Mount Scarifier

Get the performance and effectiveness you expect with equipment and jobs better suited to a mid-mount unit.



Rear Ripper / Scarifier

This rear-frame mounted attachment is used for breaking up hard-packed ground or asphalt aggregates in preparation for grading.



SNOW SOLUTIONS »

Motor Graders are excellent for snow removal, whether equipped with a standard moldboard, snow wings, V Plows or straight blades. Each of these attachments is tailored to different snow removal applications, but all of them help provide the power and safety you need to clear long stretches of road efficiently and effectively.

Cold Weather Package

These kits improve cold weather operation by ensuring machines are able to idle in cold weather for an extended period of time without decreased machine performance.



U/V Angle Blade

The Cat U/V Angle Blade is the most versatile blade available for a Motor Grader. It has the capabilities of operating as a straight blade, angle blade, U-blade or V plow. It has auxiliary hydraulics and an optional diverter valve to enable operator-controlled blade changes between all four configurations.



V Plows

The Cat "V" plow is designed for severe snow clearing applications like opening uncleared roads. The V plow cuts the material and displaces the snow in both directions for maximum high-speed, single-pass snow clearance.



Mastless Snow Wings

Designed to provide maximum visibility in high- or low-speed snow clearing applications, the Cat mastless snow wings excel at clearing and benching drifted snow, especially on shoulders, and ramps up to a 40" bench height.



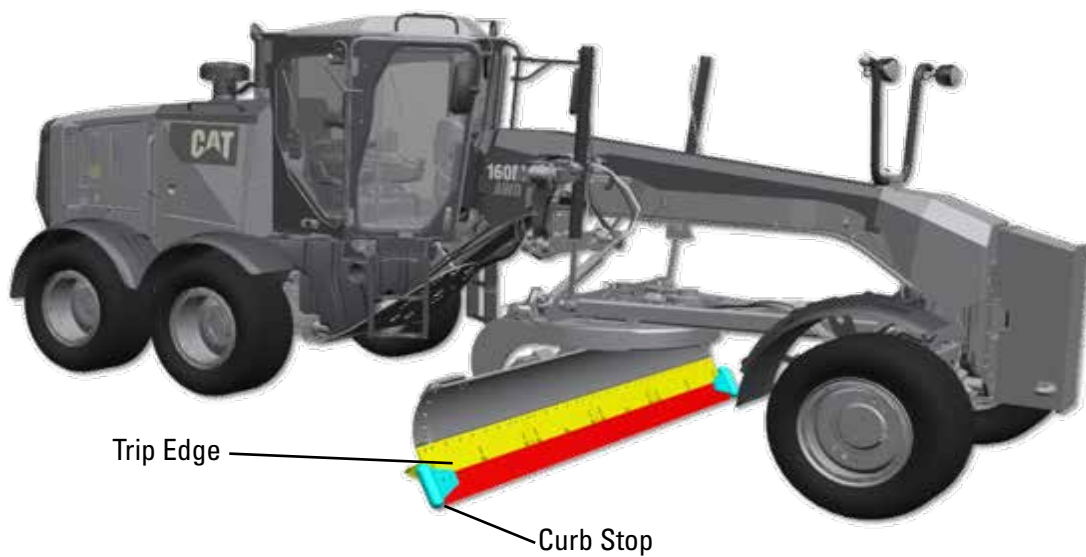
Masted Snow Wing

The Cat masted snow wing is especially effective at clearing and throwing deeply drifted snow. The snow wing is designed to displace material far back from the road to facilitate continued snow displacement.



Curb Stop/Trip Edge

Get the trip functionality of the trip blade with an edge attachment that can be mounted to your existing moldboard.



Straight Front Blade

The Cat straight front blade is effective for snow removal. It's available in widths and heights to match virtually any application and machine size.



Angle Front Blade

In addition to all the benefits of the Cat straight front blade, this product features 30° of hydraulic left-angle or right-angle capability.



Trip Blade

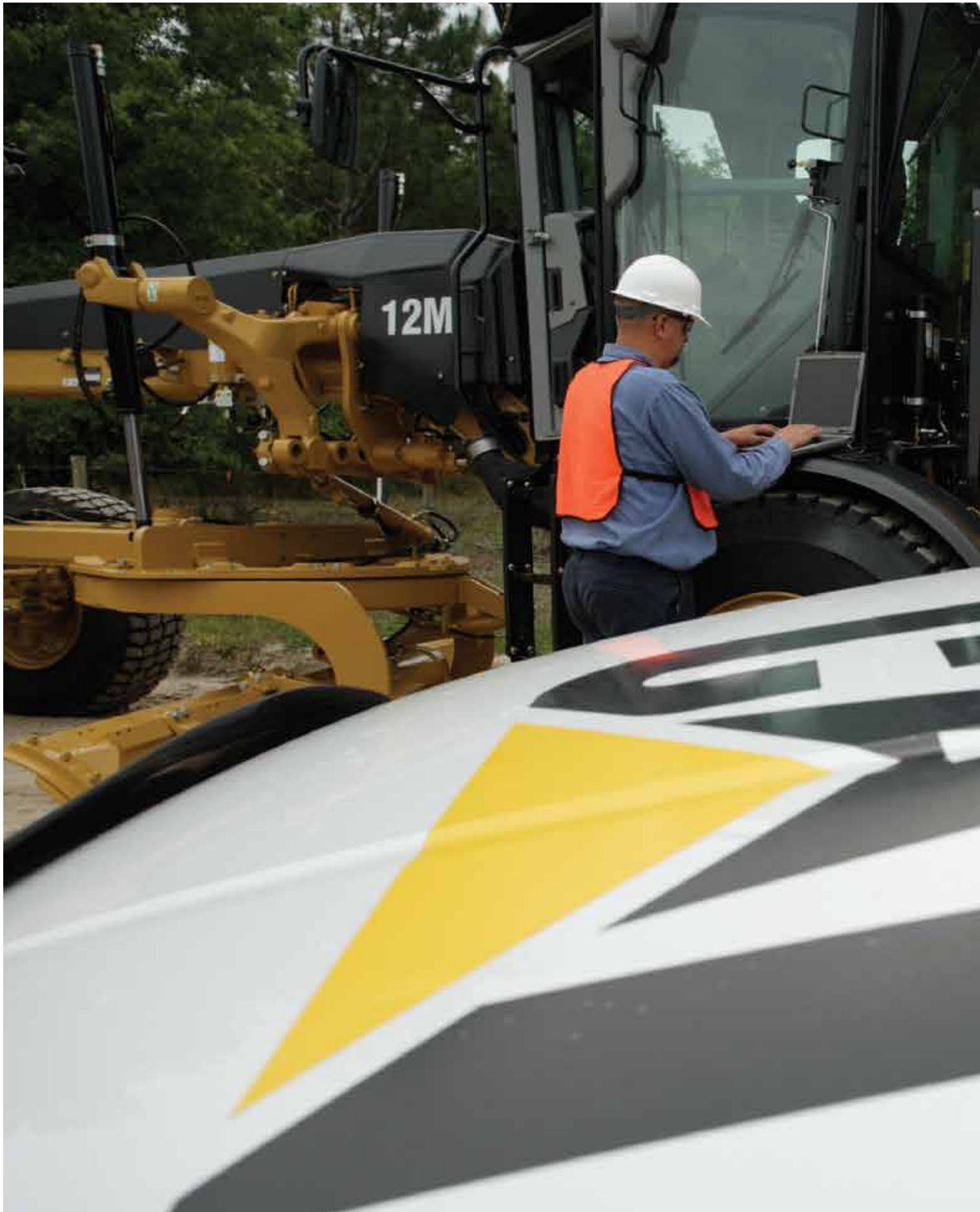
The Cat trip blade curvature increases capacity and allows for maximum productivity in clearing snow. Trip capability protects both the operator and machine when hitting immovable objects is a concern.

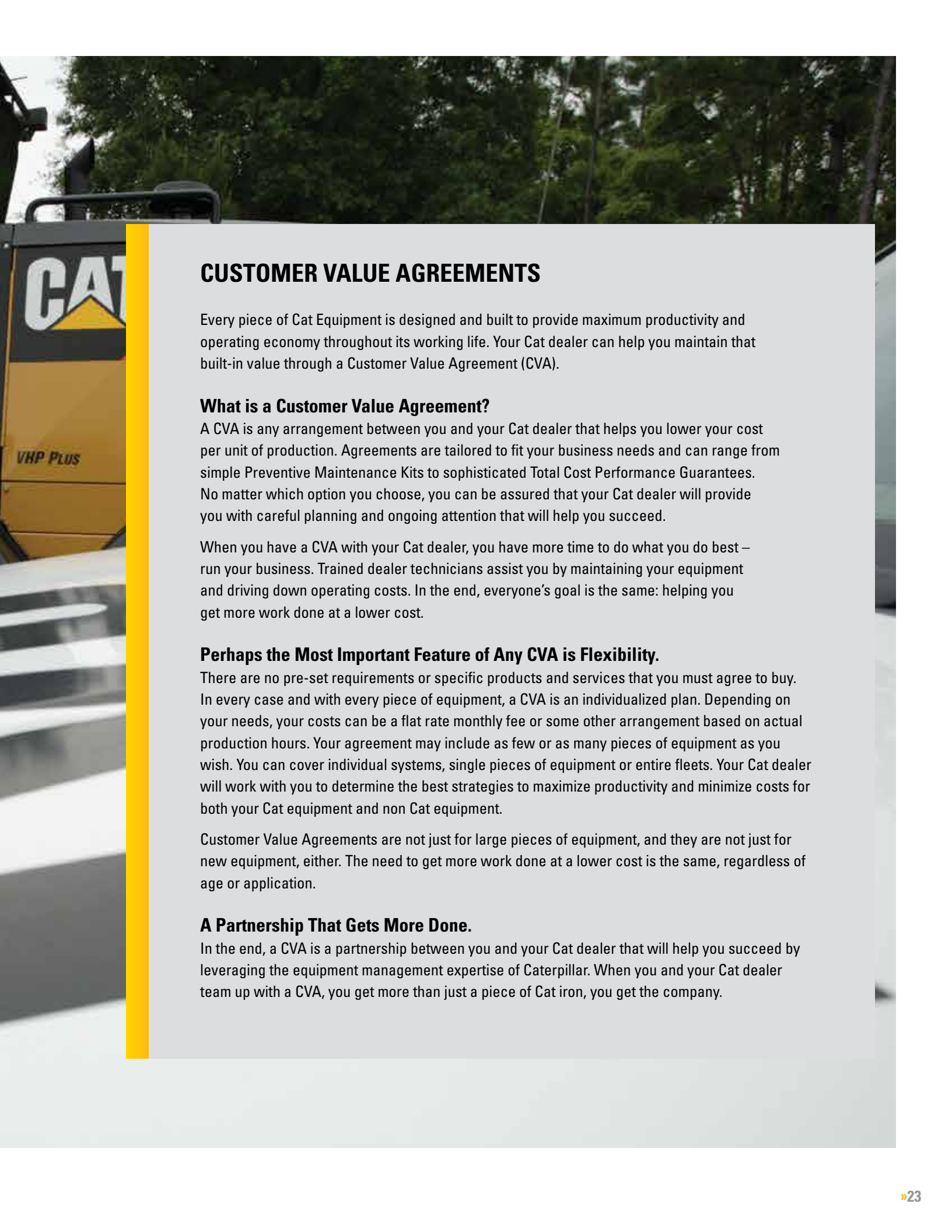


Sy-Klone Air Cleaner

You can extend your air filter's life by dramatically reducing the debris that gets through the air intake. That means improved performance and reduced maintenance in heavy snow applications and dusty environments.







CUSTOMER VALUE AGREEMENTS

Every piece of Cat Equipment is designed and built to provide maximum productivity and operating economy throughout its working life. Your Cat dealer can help you maintain that built-in value through a Customer Value Agreement (CVA).

What is a Customer Value Agreement?

A CVA is any arrangement between you and your Cat dealer that helps you lower your cost per unit of production. Agreements are tailored to fit your business needs and can range from simple Preventive Maintenance Kits to sophisticated Total Cost Performance Guarantees. No matter which option you choose, you can be assured that your Cat dealer will provide you with careful planning and ongoing attention that will help you succeed.

When you have a CVA with your Cat dealer, you have more time to do what you do best – run your business. Trained dealer technicians assist you by maintaining your equipment and driving down operating costs. In the end, everyone's goal is the same: helping you get more work done at a lower cost.

Perhaps the Most Important Feature of Any CVA is Flexibility.

There are no pre-set requirements or specific products and services that you must agree to buy. In every case and with every piece of equipment, a CVA is an individualized plan. Depending on your needs, your costs can be a flat rate monthly fee or some other arrangement based on actual production hours. Your agreement may include as few or as many pieces of equipment as you wish. You can cover individual systems, single pieces of equipment or entire fleets. Your Cat dealer will work with you to determine the best strategies to maximize productivity and minimize costs for both your Cat equipment and non Cat equipment.

Customer Value Agreements are not just for large pieces of equipment, and they are not just for new equipment, either. The need to get more work done at a lower cost is the same, regardless of age or application.

A Partnership That Gets More Done.

In the end, a CVA is a partnership between you and your Cat dealer that will help you succeed by leveraging the equipment management expertise of Caterpillar. When you and your Cat dealer team up with a CVA, you get more than just a piece of Cat iron, you get the company.

PLANNED MAINTENANCE INTERVALS

Take care of your Motor Grader, and it'll take care of you. The list below details your machine's maintenance needs, so you can stay current and minimize downtime.

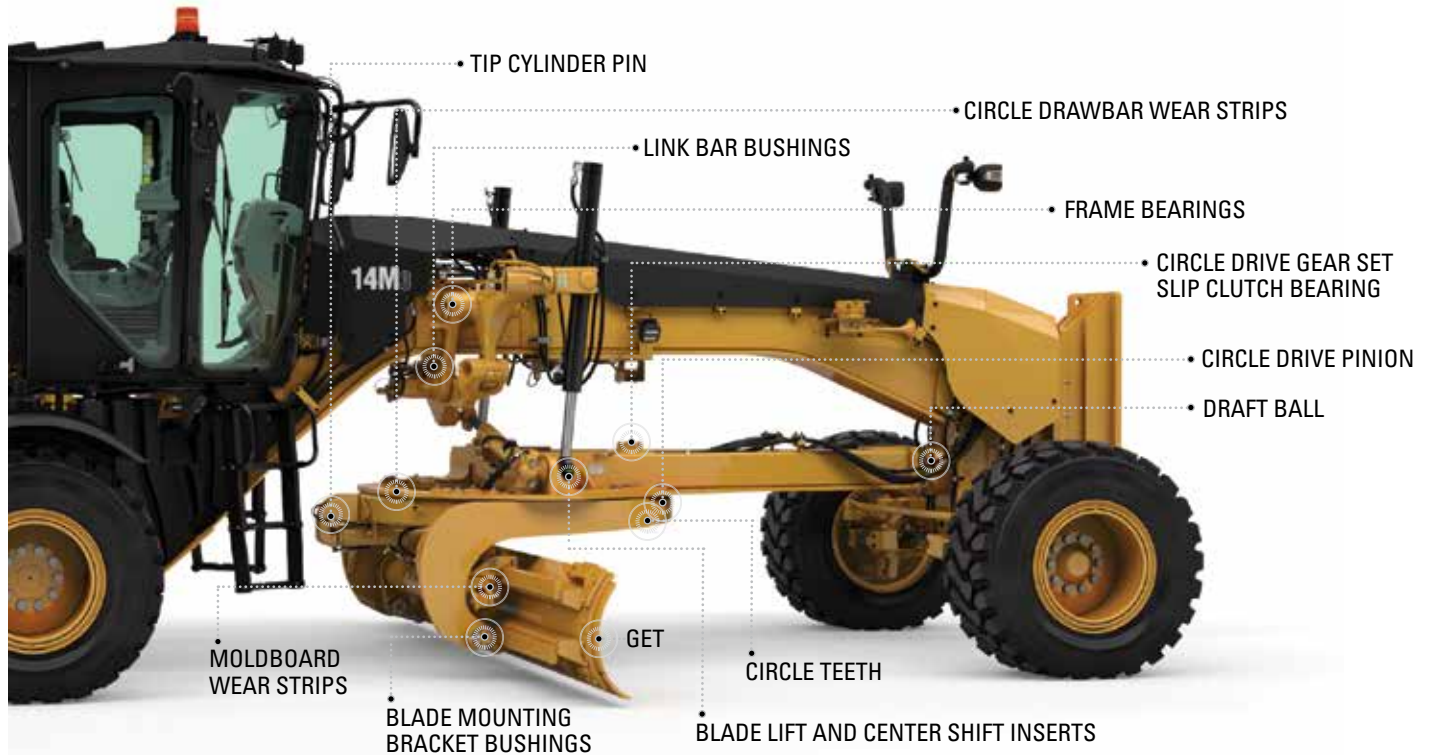
MOTOR GRADER		Engine Oil Filter	Air Filter		Fuel Filter Change			Transmission / Lower Power Train	
Sales Model	Serial Number Prefix	Filter	Primary Element	Secondary Element	Primary Element	Secondary Element	Tertiary Element	Tandem Breather	Filler Tube Breather
12K/120K/120K2/ 140K/140K2/ 160K	JJA, SZP, JAP, SZN, SVV, SZS, SZZ, JPA, SZL, SZW, JBP, SZM	1R-1807	245-6375	245-6376	326-1644* 436-7077	1R-0762* 500-0480	1R-0762* 500-0480	4H-6112 (2)	183-3873
120M	B9N, B9W, R9A, R9C, B9C, B9W	462-1171	256-7902	256-7903	326-1644	299-8229	—	4H-6112 (2)	9G-5127
120M2	R9N, R9W, M9C, M9H, M92	462-1171	386-2099	331-8108	525-6205	479-4131	360-8960	4H-6112 (2)	9G-5127
120	Y9C, Y9D, Y9A, Y9B	462-1171	479-8989	479-8991	525-6205	479-4131	360-8960	4H-6112 (2)	183-3873
	E93, E95, E94, E92, EN6	462-1171	479-8989	479-8991	439-5037	360-8960 (2)	—	4H-6112 (2)	183-3873
12/140/140M/ 150/160M/160	B92, B9D, B9G, D9G, B9M, B55, B56, B57	1R-1807	245-6375	245-6376	326-1644	1R-0762	1R-0762	4H-6112 (2)	9G-5127
12M/140	B92, B54	1R-1807	245-6375	245-6376	326-1644	1R-0762	—	4H-6112 (2)	9G-5127
160M/160/14L	B9L, B9E, B9T, D9T, B94, B59	1R-1808	245-6375	245-6376	326-1644	1R-0762	1R-0762	4H-6112 (2)	9G-5127
12/140/160M2	R9S, F9M, R9P, F9B, R9M, M9D, R9G, M9J, R9L, M9E, R9T, M9K	1R-1808	386-2099	331-8108	326-1643	308-9679	308-9679	4H-6112 (2)	9G-5127
12/140/160 M3	N9R, N9P, N9F, N9B, N9M, N9D, N9G, N9J, N9L, N9E, N9T	1R-1808* 500-0483	386-2099	331-8108	326-1643* 436-7077	308-9679* 500-0480	308-9679* 500-0480	4H-6112 (2)	9G-5127
140	N94, N95	500-0483	386-2099	331-8108	436-7077	500-0480	500-0480	4H-6112 (2)	183-3873
140/150/160	ENF, EB2, ENH, EB3, ENJ, EB4, ENK, EB5, ENL, EB6, ENM, EB7	500-0483	386-2099	331-8108	436-7077	500-0480	500-0480	4H-6112 (2)	9G-5127
14M	B9J, R9J	1R-1808	380-8941	380-8942	326-1644	1R-0762	1R-0762	4H-6112 (2)	9G-5127
14M3	N9S	1R-1808* 500-0483	386-2099	331-8108	326-1643* 436-7077	1R-0749* 500-0480	1R-0749* 500-0480	4H-6112 (2)	183-3873
	E9S	1R-1808* 500-0483	6I-2505	6I-2506	326-1643* 436-7077	1R-0749* 500-0480	1R-0749* 500-0480	4H-6112 (2)	183-3873
14	EN4	500-0483	386-2099	331-8108	436-7077	500-0480	500-0480	4H-6112 (2)	183-3873



	All Wheel Drive	Cabin Air		Hydraulic Oil/Filter Change			Engine Crankcase	Diesel Exhaust Fluid			Diesel
Filter Element	Filter	Fresh Air Element	Recirculating Element	Filter Element	Pilot Filter	Tank Breather Element	Breather Element	DEF Filter	In Tank Filter	Manifold Assembly	DPF Filter Group
337-5270	–	7T-7358	231-4487 (2)	1R-0774	–	–	164-0210	–	–	–	–
337-5270	1G-8878 (2)	149-1912	211-2660	338-3540	1G-8878	9R-9925	273-5711	–	–	–	–
337-5270	389-1076 (2)	149-1912	211-2660	338-3540	389-1076	9R-9925	339-1048	–	–	–	358-3659
337-5270	389-1079	464-8460	505-0158	1R-0774	389-1076	–	347-4119	378-3187	495-1030	506-5818	528-0549
337-5270	389-1079	464-8460	505-0158	1R-0774	–	–	380-9615	–	–	–	–
337-5270	1G-8878 (2)	149-1912	211-2660	338-3540	1G-8878	9R-9925	164-0210	–	–	–	–
337-5270	–	149-1912	211-2660	338-3540	1G-8878	9R-9925	164-0210	–	–	–	–
337-5270	1G-8878 (2)	149-1912	211-2660	338-3540	1G-8878	9R-9925	240-0041	–	–	–	–
337-5270	1G-8878 (2)	149-1912	211-2660	338-3540	1G-8878	9R-9925	326-4689	–	–	–	358-3662
337-5270	389-1076 (2)	149-1912	211-2660	338-3540	389-1076	9R-9925	326-4689	378-3187	495-1030	506-5818	390-0679
337-5270	389-1079	7T-7358	231-4486	1R-0774	–	–	582-6323	378-3187	495-1026	506-5818	390-0679
337-5270	389-1076 (2)	149-1912	211-2660	338-3540	389-1076	9R-9925	326-4689	378-3187	495-1030	506-5818	535-7853
328-3655	–	149-1912	211-2660	338-3540	1G-8878	9R-9925	9Y-4357	–	–	–	–
328-3655	–	149-1912	211-2660	338-3540	389-1076	9R-9925	290-8568	378-3187	495-1030	506-5818	390-0679
328-3655	–	149-1912	211-2660	338-3540	389-1076	9R-9925	290-8568	–	–	–	–
328-3655	–	149-1912	211-2660	338-3540	389-1076	9R-9925	290-8568	378-3187	495-1030	506-5818	535-7853

WEAR PARTS »

When machines work as hard as Cat Motor Graders do, there's going to be wear and tear. Replacing and maintaining certain smaller parts can protect and preserve more critical components. Spares for these parts are good to have around, because fixing little problems before they become big ones keeps costs down and productivity up.



STANDARD DRAWBAR	QTY	PART NUMBER	PART DESCRIPTION
Blade Lift Inserts	6	333-0960	Circle Shoe Wear Strip
GET Wear Items	2	8E-5529	Moldboard End Bits
	2	6Y-2805	Overlay End Bit
Drawbar Wear	11	128-9654	Drawbar Wear Strips
	54	6G-1914	Drawbar Shim (0.7 mm)
	36	6G-1915	Drawbar Shim (0.25 mm)
Moldboard Wear Strips	10	8W-1749	End Plates (top & bottom)
	30	8T-4139	Wear Strip Retainer Bolts
	30	7X-3392	Wear Strip Retainer Washers
	30	6H-1717	Wear Strip Retainer Bolts
	30	5P-8245	Wear Strip Retainer Washers
	1	446-1527	Moldboard Wear Strip - Inner
	4	446-1524	Moldboard Wear Strips - Outer
	4	2G-3221	MWS - Outer - Shim (0.060 in)
	8	2G-3219	MWS - Outer - Shim (0.030 in)
	2	178-8455	MWS - Inner - Shim (0.4 mm)
	1	178-1688	MWS - Inner - Shim (1.8 mm)
	2	178-1686	MWS - Inner - Shim (0.8 mm)
	4	163-6074	MWS - Outer - Shim (0.381 mm)

TOP ADJUST DRAWBAR - 4 SHOE	QTY	PART NUMBER	PART DESCRIPTION
Blade Lift Inserts	4	333-0960	Circle Shoe Wear Strip
GET Wear Items	2	8E-5529	Moldboard End Bits
	2	6Y-2805	Overlay End Bit
Drawbar Wear	6	303-1966	Drawbar Wear Strips (120 4-shoe)
	6	307-1967	Drawbar Shim (10 mm) – 4-shoe DB
	48	307-1968	Drawbar Shim (0.5 mm) – 4-shoe DB
	24	307-1969	Drawbar Shim (0.25 mm) – 4-shoe DB
Moldboard Wear Items	6	6V-7688	Top Set-Screw Lock-Nut
	2	446-1526	Moldboard Wear Strips Bottom
	16	285-6125	Wear Strip Retainer Bolts
	16	285-6124	Wear Strip Retainer Washers
	4	283-1578	Top Set-Screw Washer
	2	276-1319	Moldboard Wear Strips Top-Front
	2	276-1318	Moldboard Wear Strips Top-Rear
	4	265-6722	Top End Plates
	4	243-6652	Bottom End Plates
	6	129-2220	Top Set-Screw

TOP ADJUST DRAWBAR - 6 SHOE	QTY	PART NUMBER	PART DESCRIPTION
Blade Lift Inserts	6	333-0960	Circle Shoe Wear Strip
GET Wear Items	2	8E-5529	Moldboard End Bits
	2	6Y-2805	Overlay End Bit
Drawbar Wear	3	7J-8782	Drawbar Plugs (protect circle surf)
	6	302-6338	Drawbar Wear Strips
	6	302-6337	Drawbar Shim (10 mm)
	24	302-6335	Drawbar Shim (0.25 mm)
	48	302-6336	Drawbar Shim (0.5 mm)
Moldboard Wear Items	6	6V-7688	Top Set-Screw Lock-Nut
	2	446-1526	Moldboard Wear Strips Bottom
	16	285-6125	Wear Strip Retainer Bolts
	16	285-6124	Wear Strip Retainer Washers
	4	283-1578	Top Set-Screw Washer
	2	276-1319	Moldboard Wear Strips Top-Front
	2	276-1318	Moldboard Wear Strips Top-Rear
	4	265-6722	Top End Plates
	4	243-6652	Bottom End Plates
	6	129-2220	Top Set-Screw

LED LIGHTS »

Shutting down a machine to change a light bulb may not seem like a big deal, but unexpected downtime is never a good thing. Cat LED work lights don't have filaments that burn out or bulbs that need to be replaced. With more than 40,000 hours of expected life, you can count on them for bright light and increased productivity.



Cat Motor Graders

Options

GRADER BIT SYSTEM



Standard Bit

- Baseline Bit – 30mm wide
- Moderate penetration



Penetration Bit

- Narrower than standard bit – 23 mm wide
- Wider gap allows larger aggregate to flow through



Sharp Bit

- 50% narrower than the standard bit – 15.5 mm wide
- Allows larger aggregate to flow through



Wide Bit

- Can configure as a continuous edge
- Twice as wide as the standard bit (63 mm)

Bit Spacing Table

Aggregate Spacing	Bit Gap	Bit Arrangement	Bit Width	Bit Ratio
0 in	3 mm	Wide bits across the board	63 mm	1:0
0.6 in	17 mm	Alternate Wide and Standard bits	63 and 30 mm	1:0.4
0.8 in	20.5 mm	Alternate Wide and Penetration bits	63 and 23 mm	1:0.5
1 in	24.5 mm	Alternate Wide and Sharp bits	63 and 15.5 mm	1:0.67
1.25 in	31 mm	Standard bits across the board	30 mm	1:1
1.35 in	34.5 mm	Alternate Standard and Penetration bits	30 and 23 mm	1:1.3
1.5 in	38 mm	Penetration bits across the board	23 mm	1:1.65
1.5 in	38.25 mm	Alternate Standard and Sharp bits	30 and 15.5 mm	1:1.7
1.65 in	41.75 mm	Alternate Penetration and Sharp bits	23 and 15.5 mm	1:2.17
1.8 in	45.5 mm	Sharp bits across the board	15.5 mm	1:3
2.5 in	64 mm	Wide bit every other space	63 mm	1:1.1
3.5 in	92 mm	Standard bit every other hole	30 mm	1:3
3.9 in	99 mm	Penetration bit every other hole	23 mm	1:4.3
4.2 in	106.5 mm	Sharp bit every other hole	15.5 mm	1:7

Bit Ratio: The ratio between the length of the bit and the length of the bit gap.

12' Blades

5/8" Bolt Holes

Moldboard Cutting Edges																	
Profile	Type	Width Tooth X Gap (mm)	Length	Qty	Hardware	Thickness				End Bits	Hard- ware	Overlay	Hardware				
						13mm	16mm	19mm	25mm								
Curved	Standard	6"	6'	2	13	8D-2786	5D-9553	5D-9556			5	9W-1767	4				
	Yellowmark™	8"			13	8D-2788	5D-9562	5D-9558	4T-2244			9W-1768	4				
		6"			8	9W-2297	7T-1633					N/A	N/A				
		8"				9W-2313	7T-1636	7T-1634									
	Serrated	8" - 36x25			13			132-1072									
Flat	Standard	8"	6'	2	13		4T-2968	4T-3007	7T-3499			N/A	N/A				
	Std. A.R.M.		8			420-2054											
	Serrated	8" - 51X51	6'	2	13			350-0179									
Carbide Edges																	
Curved	Tungsten Carbide	4.75"	2'	6	5			217-4695			5	135-9345	4				
		6.75"	3'	4	7			208-8862				135-9346	4				
			2'	6	5			195-7265									
			3'	4	7			195-7264									
	Tung. Carbide Serrated	6.75" - 62X40	2'	6	5			208-8864				N/A	N/A				
Flat	Tungsten Carbide	6.75"	3'	4	7			195-7260			5	N/A	N/A				
		4'	3	9			195-7262										
		3'	4	5			198-2635										
	Carbide Insert	5"	4'	3	6			198-2659	356-5242								
		6"	3'	4	5			275-2478									
		Trapezoid	4'	3	6			264-2215									
Specialty																	
Type	Width	Length	Qty	Hard- ware	Adapter Board	Bits per Board	Shank Size	Bits	Notes								
Rotating Bit	5.9"	3'	4	7	308-8574	21	7/8"	348-9051									
	7.2"	4'	3	9	308-8575	28											
		3'	4	7	358-9039	21	1"	322-7295									
		4'	3	9	358-9040	28											
Type	Bit Spacing	Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Bits				Notes					
Mining Bit¹	Narrow Gap	7.75"	2'	6	4	428-6758¹	9		15.5mm	23mm	30mm	63.5mm	308-5193	355-1496			
	Wide Gap		3'	4	7	135-9592¹	13										
			2'	6	4	428-6757¹	7										
			3'	4	7	135-9591¹	10										
Grader Bit¹	Narrow Gap	7.75"	2'	6	4	428-6747¹	10	105-5183	105-5180	6Y-4339	6Y-4340						
	Wide Gap		3'	4	7	159-0318¹	15										
			2'	6	4	428-6746¹	8										
			3'	4	7	159-0313¹	12										
Auxiliary Blade Cutting Edges																	
Profile	Type	Width	Length	Qty	Hardware	Thickness				Notes							
Front Mount Blades	9 ft Blade	8"	26"	2	4					uses 3/4" bolts							
	8 ft Blade	56"	1	9													
		18.2"	2	3													
		61.3"	1	10													
	97" Foldable	8"	18.2"	2	3												
2' Extension	Curved		78.8"	1	13												
		6"	24"	1	4			9W-1835									
		8"	24"	1	4			109-3137	6G-8623								
Rippers / Scarifiers																	
Adapter Size	Shanks			Tips			Pin	Retainer	Misc								
	Type	Part Number		Type	Std	A.R.M.											
Rear Mount J200²	Straight	8J-5299	Did you know? Edges with 5/8" bolt holes can be used with 3/4" moldboards. Use bushings: 7/8" - 280-4070 1" - 280-4071	Centerline	1U-3202		8E-6208	6E-6209									
				Penetration	1U-3209												
Rear Mount R300³	Straight	9J-6586		Sharp	9W-8209		136-8308	114-0359	Repair Nose 8E-7300								
	Curved	9J-8913		Penetration	6Y-0309	168-1309											
Scarifier V-Block⁴	Standard	195-7218		Sharp	9W-7309		5K-1459	5K-1458	Tip Removal Tool 6B-3260								
Scarifier Straight Block⁵	Long	7D-4501		General Purpose	195-7234												
	Standard	195-7219		High Temp	6Y-5230	143-3074											
		Long			General Purpose	195-7234											
				High Temp	6Y-5230	143-3074											
Hardware and Wear Protection																	
Type	Application	Hardware	Quantity	Bolts	Nuts	Washers	Notes										
Hardware	Standard Edges	Bolts	5/8-11 x 2-1/4	26	3F-5108		Inspect moldboard for excess wear. Ensure moldboard and new edges are free from paint and debris. Torque 5/8" Nuts to 200 +/- 30 ft. lb.	4K-0367	5P-8247								
	Rotating Bits	Bolts	3/4-10 x 2-3/4	24	4F-3657												
	Specialty¹	Bolts	5/8-11 x 2-3/4 w/ 3/4 head	24	452-8225												
	End Bits	Bolts	5/8-11 x 2-1/4	10	3F-5108												
	Overlays	Bolts	3/4-10 x 2-3/4	8	4F-3657												
	Front Blade	Bolts	3/4-10 x 2-1/4	see above	4F-7827	2J-3506											
	Extension	Bolts		5	4F-3658												
Wear Protection	Moldboard Plate	13.5" Radius	4D-5820	2													
		16.25" Radius	8W-5265	2													

¹3/4" Bolt Holes – requires special bolts 452-8225

²Used on 120H, 135H

³Used on 12H, 140H, 143H

⁴Front Notched

⁵Rear Notched

12' Blades

3/4" Bolt Holes

Moldboard Cutting Edges																	
Profile	Type	Width Tooth X Gap (mm)	Length	Qty	Hardware	Thickness				End Bits	Hard- ware	Overlay	Hardware				
						13mm	16mm	19mm	25mm								
Curved	Standard	6"	6'	2	13	9J-3660	9J-3657				5	232-2142 ¹	4				
		8"							6Y-2805			4					
	Yellowmark™	6"												N/A	N/A		
		8"															
		8" - 36X25	6'	2	13												
		8" - 62X40	2'	6	5			138-0857									
Serrated	8" - 62X40	3'	4	5				138-0859									
	Standard	8"	6'	2	13		4T-2971	4T-3033	7T-3493	N/A	N/A						
		10"						4T-6502									
Flat	Serrated	8" - 12X62	4'	3	9				7T-3600								
Carbide Edges																	
Curved	Tungsten Carbide	4.75"	2'	6	5			208-8863			5	135-9369	4				
			3'	4	7			217-4698									
		6.75"	2'	6	5			195-7266									
			3'	4	7			195-7267				135-9370	4				
			4'	3	9			208-8866									
	Tung. Carbide Serrated	6.75" - 62X40	2'	6	5				208-8865			N/A	N/A				
6.75" - 62X40		3'	4	7				217-4697									
Flat	Carbide Insert	5"	4'	3	6			283-1063		N/A	N/A						
		6"	3'	4	5			330-9491									
				4'	3	6			286-3148								
Specialty																	
Type	Width	Length	Qty	Hard- ware	Adapter Board	Bits per Board	Shank Size	Bits	Notes								
Rotating Bit	5.9"	3'	4	7	307-2613	21	7/8"	348-9051									
		4'	3	9	307-2615	28											
	7.2"	3'	4	7	323-1251	21	1"	322-7295									
		4'	3	9	321-4272	28											
Type	Bit Spacing	Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Bits				Notes					
Mining Bit	Narrow Gap	7.75"	2'	6	4	428-6758	9	15.5mm	23mm	30mm	63.5mm	308-5193	355-1496				
			3'	4	7	135-9592	13										
	Wide Gap		2'	6	4	428-6757	7										
			3'	4	7	135-9591	10										
Grader Bit	Narrow Gap	7.75"	2'	6	4	428-6747	10	105-5183	105-5180	6Y-4339	6Y-4340						
			3'	4	7	159-0318	15										
	Wide Gap		2'	6	4	428-6746	8										
			3'	4	7	159-0313	12										
Auxiliary Blade Cutting Edges																	
Profile	Type	Width	Length	Qty	Hardware	Thickness				Notes							
						13mm	16mm	19mm	25mm								
Front Mount Blades	9 ft Blade	8"	26"	2	4			4T-3010									
			56"	1	9			169-4089									
2' Extension	Curved	6"	24"	1	4			232-2146		LH: 452-3133 RH: 243-6685							
		8"	24"	1	4			3G-2166	3G-2165								
Rippers / Scarifiers																	
Adapter Size	Shanks					Tips			Pin	Retainer	Misc						
	Type	Part Number				Type	Std	A.R.M.									
Rear Mount R300	Straight	9J-6586	Contact your dealer for custom cutting edge combinations.			Penetration	6Y-0309	168-1309	136-8308	114-0359	Repair Nose 8E-7300						
	Curved	9J-8913				Sharp	9W-7309										
Scarifier V-Block ⁴	Standard	195-7218				General Purpose	195-7234		5K-1459	5K-1458	Tip Removal Tool 6B-3260						
Scarifier V-Block ⁴	Long	7D-4501				High Temp	6Y-5230	143-3074									
Scarifier	Standard	195-7219				General Purpose	195-7234										
Straight Block ⁵	Long					High Temp	6Y-5230	143-3074									
Hardware and Wear Protection																	
Type	Application	Hardware				Quantity	Bolts	Nuts	Washers	Notes							
Hardware	Standard Edges	Bolts	3/4-10 x 2-1/2	26	5J-4773	2J-3506	5P-8248	Inspect moldboard for excess wear Ensure moldboard and new edges are free from paint and debris. Torque 3/4" Nuts to 350 +/- 45 ft. lb.									
	Specialty	Bolts	3/4-10 x 2-3/4	23	5J-4771												
	End Bits	Bolts	3/4-10 x 2-1/2	10	5J-4773												
	Overlays	Bolts	3/4-10 x 3-3/4	8	5F-8933												
	Front Blade	Bolts	3/4-10 x 2-1/4	17	4F-7827												
	Extension	Bolts	3/4-10 x 2-1/4	4	5J-4773												
Wear Protection	Moldboard Plate	13.5" Radius	4D-5820	2													
		16.25" Radius	8W-5265	2													

¹for 6" edges used on 120M, 140M, 12M, 160M

⁴Front Notched

⁵Rear Notched

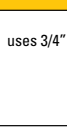
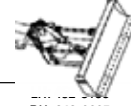
13' Blades

5/8" Bolt Holes

Moldboard Cutting Edges																				
Profile	Type	Width Tooth X Gap (mm)	Length	Qty	Hardware	Thickness				End Bits	Hard- ware	Overlay	Hardware							
						13mm	16mm	19mm	25mm											
Curved	Standard	8"	6' 7'	1 1	13 15	8D-2788 8D-2789	5D-9562 5D-9561	5D-9558 5D-9559	4T-2244 4T-2242		5	N/A	N/A							
	Yellowmark™	8"	6' 7'	1 1	8 9	9W-2297 9W-2299	7T-1633 7T-1645													
		6"	6' 7'	1 1	8 9	9W-2313 9W-2315	7T-1636 7T-1643	7T-1634 7T-1623												
	Serrated	8" - 36X25 8" - 36X25	6' 7'	1 1	13 15				132-1072 42-9020					399-2790						
Flat	Standard	8"	6' 7'	1 1	13 15		4T-2968 4T-2969	4T-3007 4T-3036	7T-3499 7T-3498		5	N/A	N/A							
	Serrated	8" - 24X51 8" - 28X51	6' 7'	1 1	13 15			350-0179 350-0181												
Carbide Edges																				
Curved	Tungsten Carbide	4.75"	2' 3'	2 3	5 7			208-8863 217-4698			5	135-9345	4							
		6.75"	3' 4'	3 1	7 9			195-7265 195-7264				135-9346	4							
	Tung. Carbide Serrated	6.75" - 62X40 6.75" - 62X40	2' 3'	2 3	5 7				208-8864 217-4696			N/A	N/A							
		Flat	Tungsten Carbide	6.75"	3' 4'	3 1	7 9					195-7260 195-7262	N/A	N/A						
Carbide Insert	5"			3' 4'	3 1	5 6			198-2635 198-2659											
	6" Trapezoid		3' 4'	3 1	5 6			275-2478 264-2215												
Flat																				
	Width	Length	Qty	Hard- ware	Adapter Board	Bits per Board	Shank Size	Bits	Notes											
Rotating Bit	5.9"	3' 4'	3 1	7 9	308-8574 308-8575	21 28	7/8"	348-9051												
	7.2"	3' 4'	3 1	7 9	358-9039 358-9040	21 28	1"	322-7295												
Type	Bit Spacing	Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Bits				Notes								
Mining Bit¹	Narrow Gap	7.75"	2' 3'	2 3	4 7	428-6758¹ 135-9592¹	9 13			308-5193	355-1496									
	Wide Gap		2' 3'	2 3	4 7	428-6757¹ 135-9591¹	7 10													
			Grader Bit¹	Narrow Gap	2' 3'	2 3	4 7							428-6747¹ 159-0318¹	10 15	105-5183	105-5180	6Y-4339	6Y-4340	
	Wide Gap			2' 3'	2 3	4 7	428-6746¹ 159-0313¹							8 12						
Auxiliary Blade Cutting Edges																				
Profile	Type	Width	Length	Qty	Hardware	Thickness				Notes										
Front Mount Blades	9 ft Blade	8"	26" 56"	2 1	4 9			4T-3010 169-4089		uses 3/4" bolts 										
	8 ft Blade	8"	18.2" 61.3"	2 1	3 10			4T-8353 4T-2315												
	9'7" Foldable	8"	18.2" 78.8"	2 1	3 13			4T-8353 4T-8378												
2' Extension	Curved	6" 8"	24" 24"	1 1	4 4		9W-1835 109-3137	6G-8623		LH: 452-3133 RH: 243-6685										
Rippers / Scarifiers																				
Adapter Size	Shanks					Tips			Pin	Retainer	Misc									
	Type	Part Number				Type	Std	A.R.M.												
Rear Mount J200²	Straight	8J-5299	Don't see what you need? Ask about our MAO program.			Centerline	1U-3202		8E-6208	6E-6209										
						Penetration	1U-3209													
						Sharp	9W-8209													
Rear Mount R300³	Straight	9J-6586				Penetration	6Y-0309	168-1309	136-8308	114-0359	Repair Nose 8E-7300									
	Curved	9J-8913				Sharp	9W-7309													
Scarifier V-Block⁴	Standard	195-7218				General Purpose	195-7234		5K-1459	5K-1458	Tip Removal Tool 6B-3260									
	Long	7D-4501				High Temp	6Y-5230	143-3074												
Scarifier Straight Block⁵	Standard	195-7219				General Purpose	195-7234													
	Long					High Temp	6Y-5230	143-3074												
Hardware and Wear Protection																				
Type	Application	Hardware		Quantity	Bolts	Nuts	Washers	Notes												
Hardware	Standard Edges	Bolts	5/8-11 x 2-1/4	28	3F-5108	4K-0367	5P-8247	Inspect moldboard for excess wear Ensure moldboard and new edges												
	Rotating Bits	Bolts	3/4-10 x 2-3/4	24	4F-3657															
	Specialty¹	Bolts	5/8-11 x 2-3/4 w/ 3/4 head	24	452-8225															
	End Bits	Bolts	5/8-11 x 2-1/4	10	3F-5108															

14' Blades

5/8" Bolt Holes

Moldboard Cutting Edges																					
Profile	Type	Width Tooth X Gap (mm)	Length	Qty	Hardware	Thickness				End Bits	Hard- ware	Overlay	Hardware								
						16mm	19mm	25mm	35mm												
Curved	Standard	6"	7'	2	15	5D-9554	5D-9557			8E-5531		5	9W-1767	4							
		8"				5D-9561	5D-9559	4T-2242					9W-1768	4							
	Yellowmark™	6"			9	7T-1645 ⁶							N/A	N/A							
		8"				7T-1643 ⁶	7T-1623 ⁶														
	Serrated	8" - 36X25 (Inter Teeth) (Long Teeth)			15		4Z-9020	399-2790 274-3709 217-4823													
Flat	Standard	8"	7'	2	15	4T-2969	4T-3036	7T-3498			5	N/A	N/A								
	Serrated	8" - 51x26			15		350-0181					N/A	N/A								
Carbide Edges																					
Curved	Tungsten Carbide	4.75"	2'	4	5		217-4695			8E-5531		5	135-9345	4							
			3'	2	7		208-8862														
		6.75"	2'	4	5		195-7265						135-9346	4							
		3'	2	7		195-7264															
	Tung. Carbide Serrated	6.75" - 62X40 6.75" - 62X40	2'	4	5			208-8864 217-4696					N/A	N/A							
Flat	Tungsten Carbide	6.75"	3'	2	7		195-7260				5	N/A	N/A								
			4'	2	9		195-7262														
	Carbide Insert	5"	3'	2	5		198-2635 ⁹ 198-2659 ⁹														
			4'	2	6																
		6"	3'	2	5		275-2478 ⁹ 264-2215 ⁹														
Specialty																					
	Width	Length	Qty	Hard- ware	Adapter Board	Bits per Board	Shank Size	Bits	Notes												
Rotating Bit	5.9"	3'	2	7	308-8574	21	7/8"	348-9051													
		4'	2	9	308-8575	28															
	7.2"	3'	2	7	358-9039	21	1"	322-7295													
	4'	2	9	358-9040	28																
Type	Bit Spacing	Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Bits				Notes									
Mining Bit	Narrow Gap	7.75"	2'	4	4	428-6758 ¹	9	15.5mm	23mm	30mm	63.5mm	308-5193	355-1496								
	Wide Gap		2'	4	4	428-6757 ¹	7														
			3'	2	7	135-9591 ¹	10														
Grader Bit	Narrow Gap	7.75"	2'	4	4	428-6747 ¹	10	105-5183	105-5180	6Y-4339	6Y-4340										
	Wide Gap		3'	2	7	159-0318 ¹	15														
			2'	4	4	428-6746 ¹	8														
			3'	2	7	159-0313 ¹	12														
Auxiliary Blade Cutting Edges																					
Profile	Type	Width	Length	Qty	Hardware	Thickness				Notes											
						13mm	16mm	19mm	25mm												
Front Mount Blades	9 ft Blade	8"	26"	2	4			4T-3010		uses 3/4" bolts											
			56"	1	9			169-4089													
	8 ft Blade	8"	18.2"	2	3			4T-8353													
	9'7" Foldable	8"	61.3"	1	10			4T-2315													
			78.8"	1	13			4T-8353 4T-8378													
2' Extension	Curved	6"	24"	1	4			9W-1835													
		8"	24"	1	4			109-3137	6G-8623												
Rippers / Scarifiers																					
Adapter Size	Shanks			Tips			Pin	Retainer	Misc												
	Type	Part Number		Type	Std	A.R.M.															
Rear Mount J200 ²	Straight	8J-5299	Did you know? Edges with 5/8" bolt holes can be used with 3/4" moldboards. Use bushings: 7/8" - 280-4070 1" - 280-4071	Centerline	1U-3202		8E-6208	6E-6209													
Penetration				1U-3209																	
Sharp				9W-8209																	
Rear Mount R300 ³	Straight	9J-6586		Penetration	6Y-0309	168-1309	136-8308	114-0359	Repair Nose 8E-7300												
Curved	9J-8913	Sharp		9W-7309																	
Scarifier V-Block ⁴	Standard	195-7218		General Purpose	195-7234		5K-1459	5K-1458	Tip Removal Tool 6B-3260												
Scarifier	Long	7D-4501		High Temp	6Y-5230	143-3074															
Straight Block ⁵	Standard	195-7219		General Purpose	195-7234																
	Long			High Temp	6Y-5230	143-3074															
Hardware and Wear Protection																					
Type	Application	Hardware		Quantity	Bolts	Nuts	Washers	Notes													
Hardware	Standard Edges	Bolts	5/8-11 x 2-1/4	30	3F-5108	4K-0367	5P-8247	Inspect moldboard for excess wear. Ensure moldboard and new edges are free from paint and debris. Torque 5/8" Nuts to 200 +/- 30 ft. lb.													
	Rotating Bits	Bolts	3/4-10 x 2-3/4	28	4F-3657																
	Specialty ¹	Bolts	5/8-11 x 2-3/4 w/ 3/4 head	30	452-8225																
	End Bits	Bolts	5/8-11 x 2-1/4	10	3F-5108																
	Overlays	Bolts	3/4-10 x 2-3/4	8	4F-3657																
	Front Blade	Bolts	3/4-10 x 2-1/4	see above	4F-7827	2J-3506	5P-8248														
	Extension	Bolts		4	4F-3658																
Wear Protection	Moldboard Plate	13.5" Radius	4D-5821	2																	
		16.25" Radius	8W-5266	2																	

¹3/4" Bolt Holes – requires special bolts 452-8225

²Used on 120H, 135H

³Used on 12H, 140H, 143H

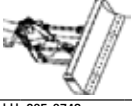
⁴Front Notched

⁵Rear Notched

⁶12" Bolt Hole Spacing

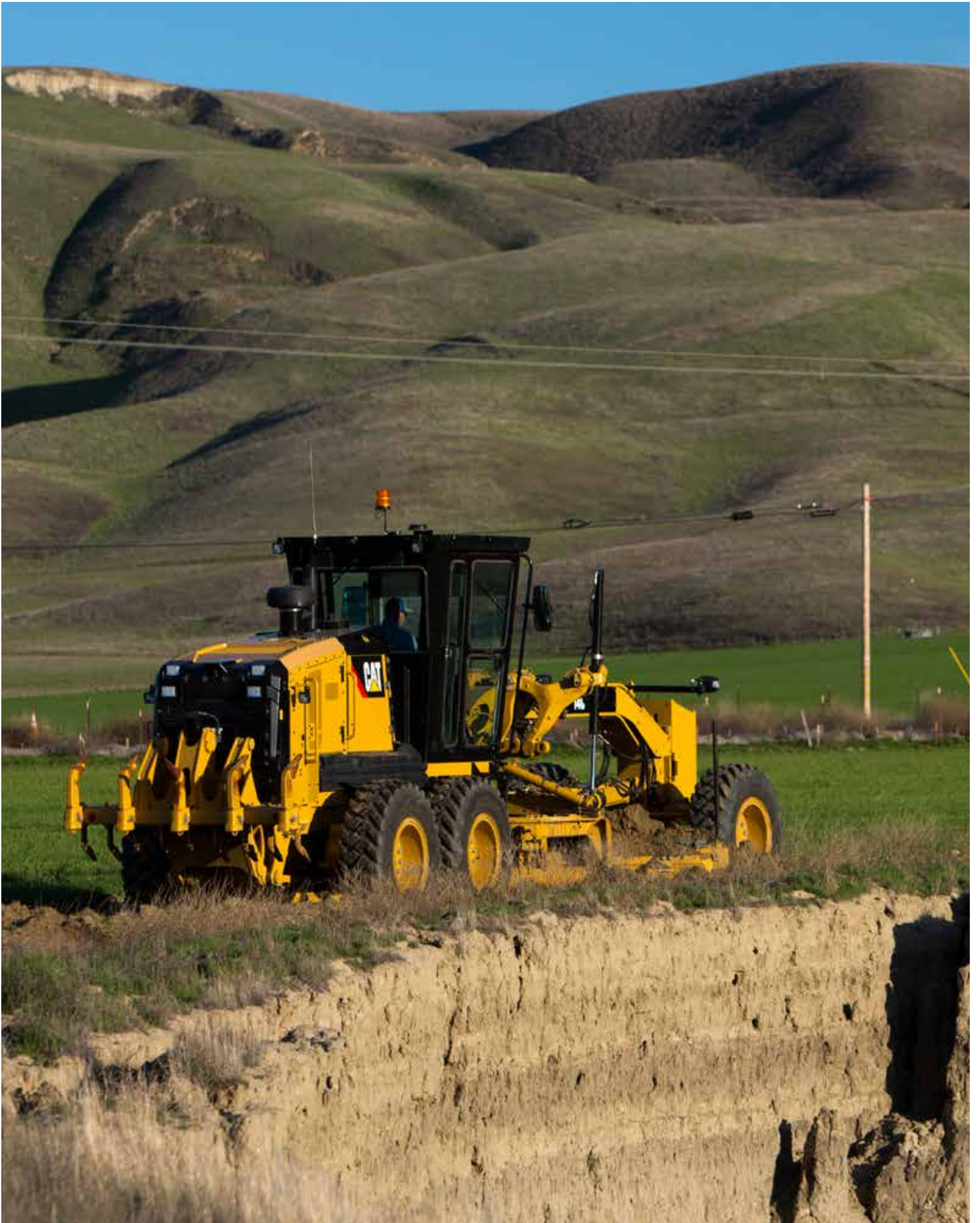
14' Blades

3/4" Bolt Holes

Moldboard Cutting Edges																
Profile	Type	Width Tooth X Gap (mm)	Length	Qty	Hardware	Thickness				End Bits	Hard- ware	Overlay	Hardware			
						16mm	19mm	25mm	35mm							
Curved	Standard	6"	7'	2	15	9J-3658				8E-5529 	5	6Y-2805	4			
		8"				7D-1158	7D-1577	4T-2233								
	Yellowmark™	6"					4Z-8785									
		8"			9	7T-1626										
	Serrated	8" - 36X25 8" - 51X26 8" - 62X40 8" - 60x32				15		283-1068 350-7200 217-4833	311-7674							N/A
							350-7201									
Flat	Standard	8"	7'	2	15	4T-2970	4T-3032	7T-3494				N/A	N/A			
		10"						4T-6508	4T-8316							
		11"						140-6790								
	Serrated	8" - 51X26					350-0180									
		10" - 56X33						4Z-8055	4Z-8346							
Carbide Edges																
Curved	Tungsten Carbide	4.75"	2' 3'	4 2	5 7		208-8863 217-4698			8E-5529 	5	135-9369	4			
		6.75"	3' 4'	2 2	7 9		217-4699 208-8866					135-9370	4			
		Tung. Carbide Serrated	6.75" - 62X40 6.75" - 62X40	2' 3'	4 2	5 7		208-8865 217-4697								
	Flat	Carbide Insert	6"	3' 4'	2	5 6		330-9491 286-3148								
Specialty																
Type	Width	Length	Qty	Hard- ware	Adapter Board	Bits per Board	Shank Size	Bits	Notes							
Rotating Bit	5.9"	3'	2	7	307-2613	21	7/8"	348-9051								
		4'	2	9	307-2615	28										
	7.2"	3'	2	7	323-1251	21	1"	322-7295								
		4'	2	9	321-4272	28										
Type	Bit Spacing	Width	Length	Qty	Hardware	Adapter Board	Bits per Board	Bits			Notes					
Mining Bit	Narrow Gap	7.75"	2'	4	4	428-6758	9	15.5mm	23mm	30mm	63.5mm	308-5193	355-1496			
	Wide Gap		3'	2	7	135-9592	13									
			2'	4	4	428-6757	7									
	3'		2	7	135-9591	10										
Grader Bit	Narrow Gap	7.75"	2'	4	4	428-6747	10	105-5183	105-5180	6Y-4339	6Y-4340					
	Wide Gap		3'	2	7	159-0318	15									
			2'	4	4	428-6746	8									
	3'		2	7	159-0313	12										
Auxiliary Blade Cutting Edges																
Profile	Type	Width	Length	Qty	Hardware	Thickness				Notes						
						13mm	16mm	19mm	25mm							
Front Mount Blades	9 ft Blade	8"	26" 56"	2 1	4 9			4T-3010 169-4089		uses 3/4" bolts 						
	8 ft Blade	8"	18.2" 61.3"	2 1	3 10			4T-8353 4T-2315								
	9'7" Foldable	8"	18.2" 78.8"	2 1	3 13			4T-8353 4T-8378								
2' Extension	Curved	6"	24"	1	4		3G-2166	3G-2165		LH: 265-6743 RH: 265-6744						
Rippers / Scarifiers																
Adapter Size	Shanks					Tips			Pin	Retainer	Misc					
	Type	Part Number				Type	Std	A.R.M.								
Rear Mount R300	Straight	9J-6586	Don't see what you need? Ask about our MAO program.			Penetration	6Y-0309	168-1309	136-8308	114-0359	Repair Nose 8E-7300					
	Curved	9J-8913				Sharp	9W-7309									
Scarifier V-Block ⁴	Standard	195-7218				General Purpose	195-7234		5K-1459	5K-1458	Tip Removal Tool 6B-3260					
	Long	7D-4501				High Temp	6Y-5230	143-3074								
Scarifier	Standard	195-7219				General Purpose	195-7234									
	Long					High Temp	6Y-5230	143-3074								
Hardware and Wear Protection																
Type	Application	Hardware				Quantity	Boils	Nuts	Washers	Notes						
Hardware	Standard Edges	Bolts	3/4-10 x 2-1/2	30	5J-4773	2J-3506	5P-8248	Inspect moldboard for excess wear Ensure moldboard and new edges are free from paint and debris. Torque 3/4" Nuts to 350 +/- 45 ft. lb.								
	Specialty	Bolts	3/4-10 x 2-3/4	30	5J-4771											
	End Bits	Bolts	3/4-10 x 2-1/2	10	5J-4773											
	Overlays	Bolts	3/4-10 x 3-3/4	8	5F-8933											
	Front Blade	Bolts	3/4-10 x 2-1/4	see above	4F-7827											
	Extension	Bolts	3/4-10 x 2-1/4	4	5J-4773											
Wear Protection	Moldboard Plate	13.5" Radius	4D-5821	2												
		16.25" Radius	8W-5266	2												

⁴Front Notched

⁵Rear Notched



PART NUMBER INDEX

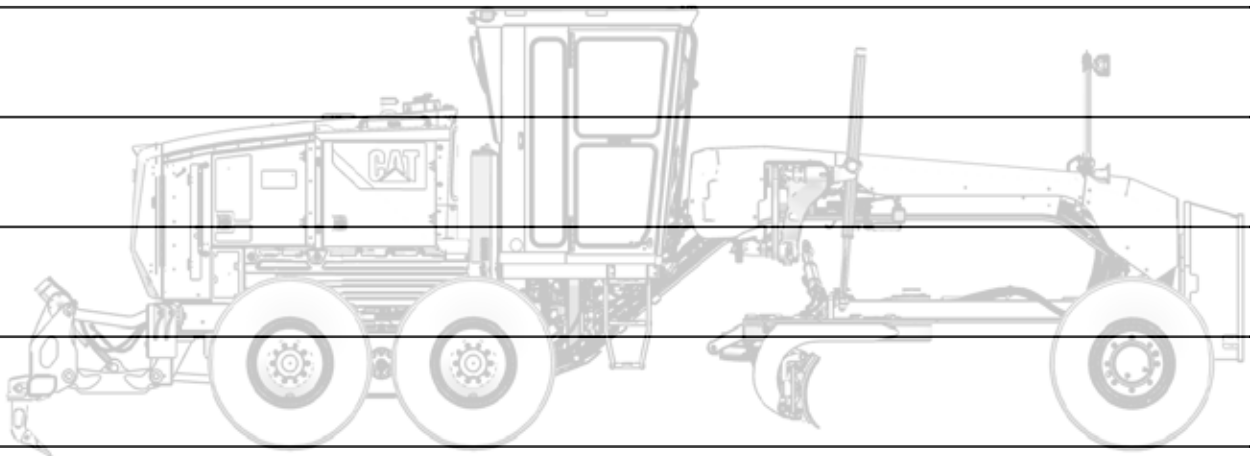
FEATURE UPGRADES	PAGE #	MODEL	SERIES	REFERENCE PART #
Advanced Control Joysticks.....	3	120/12/140/150/160/14	M/M2/M3	463-6258
Auto Shift.....	4	120/12/140/150/160/14	M/M2/M3	Contact local Cat Dealer
Cat Grade Solutions.....	4	120/12/140/150/160/14	M/M2/M3	Contact local Cat / SiTech Dealer
Auto Articulation.....	5	120/12/140/150/160/14	M/M2/M3	Contact local Cat Dealer
Stable Blade.....	5	120/12/140/150/160/14	M/M2/M3	Contact local Cat Dealer
Reversing Fan.....	6	12/140/150/160	M3	561-5523 / 561-5524 / 561-5525
Reversing Fan.....	6	12/140/160	M	Contact local Cat Dealer
Auto Differential Lock.....	6	120/12/140/160/14	M	Contact local Cat Dealer
Cat Product Link™.....	7	120/12/140/150/160/14	M/M2/M3	Satellite: 456-3346
Cat Product Link™.....	7	120/12/140/150/160/14	M/M2/M4	Cellular: 456-3347
Technology Performance Bundle...	7	120/12/140/150/160/14	M/M2/M3	526-3698
Digital Blade Slope Meter	8	120/12/140/160/14/16	H&K	579-6277
ACCESSORIES	PAGE #	MODEL	SERIES	REFERENCE PART #
Finish Grade Ready Kit.....	9	120/12/140/160	H&K	533-1551
Finish Grade Ready Kit.....	9	120/12/140/150/160	M/M2/M3	543-0052
Cat Air Compressor.....	9	120/12/140/150/160/14	M/M2/M3	592-2793
Cab Storage Kit.....	9	120/12/140/150/160/14	M/M2/M3	473-5233
Heated Glass.....	10	120/12/140/150/160/14	M/M2/M3	Front: 441-4489
Heated Glass.....	10	120/12/140/150/160/14	M/M2/M3	Right: 380-3889
Mirror Extensions.....	10	120/12/140/150/160/14	M/M2/M3	Standard: 466-5255
Mirror Extensions.....	10	120/12/140/150/160/14	M/M2/M3	Heated: 466-5233
Circle Saver.....	10	120/12/140/150/160/14	H/K/M/M2/M3	488-2192
Moldboard Pivot Pin (Lubricated)...	10	120/12/140/150/160/14	H/K/M/M2/M3	526-6468
Rear View Camera.....	11	120/12/140/150/160/14	M/M2/M3	282-4441
Zero Camber Lean Bar.....	11	140	H/K	103-9125
Beacon / Beacon Guard.....	11	120/12/140/150/160	H/K/M/M2/M3	Beacon 338-1132
Beacon / Beacon Guard.....	11	120/12/140/150/160	H/K/M/M2/M3	Guard 150-9870
Fast Fill Fuel.....	11	12/140/160	M	281-6780
Fast Fill Fuel.....	11	12/140/160	M2	329-2686
Front Axle Cylinder Guards.....	12	120/12/140/150/160 TD	M/M2/M3	370-3845
Front Axle Cylinder Guards.....	12	120/12/140/150/160 AWD	M/M2/M3	367-6905
Front Axle Cylinder Guards.....	12	14	M	370-8080
Front Axle Cylinder Guards.....	12	14	M3	424-8974
Blade Extentions.....	12	120/12/140/150/160	H/K/M/M2/M3	Contact local Cat Dealer
Blade Extentions.....	12	14	M/M3	Contact local Cat Dealer
Object Detection.....	12	120/12/140/150/160/14	H/K/M/M2/M3	Contact local Cat Dealer

ATTACHMENTS	PAGE #	MODEL	Series	REFERENCE PART #
Straight Front Blade.....	14	120/12/140/150/160/14	H/K/M/M2/M3	152-1353
Angle Front Blades.....	14	120/12/140/150/160/14	H/K/M/M2/M3	Hydraulic: 524-6851
Angle Front Blades.....	14	120/12/140/150/160/14	H/K/M/M2/M3	Manual: 524-6855
Fenders.....	15	120/12/140/150/160/14	H/K/M/M2/M3	Contact local Cat Dealer
Front-Mtd Hydraulic Broom.....	15	120/12/140/150/160/14	M/M2/M3	Broom: 202-9000
Front-Mtd Hydraulic Broom.....	15	120/12/140/150/160/14	M/M2/M3	Mtg Gp: 548-8592
Push Block / Counterweight.....	16	120/12/140/150/160/14	H/K/M/M2/M3	367-6842
Front Lift Group.....	16	120/12/140/150/160/14	H/K/M/M2/M3	312-2204
Front-Mounted Scarifier.....	17	120/12/140/150/160/14	H/K/M/M2/M3	212-6231
Mid-Mount Scarifier.....	17	120/12/140/150/160/14	H/K/M/M2/M3	310-9451
Rear Ripper / Scarifier.....	18	120/12/140/150/160/14	H/K/M/M2/M3	310-0684

Snow Solutions	PAGE #	MODEL	SERIES	REFERENCE PART #
Cold Weather Package.....	19	12/140/150/160/14	H/K/M/M2/M3	Contact local Cat Dealer
U/V Angle Blade.....	19	12/140/150/160	H/K/M/M2	524-6861
U/V Angle Blade.....	19	14	H/K/M/M3	527-8685
V Plows.....	19	12/140/150/160/14	H/K/M/M2/M3	524-6839
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Mastless Snow Wings.....	20	14	H/K/M/M3	517-7344
Masted Snow Wing.....	20	12/140/150/160/14	H/K/M/M2/M3	483-5957
Curb Stop.....	20	12/140/150/160/14	H/K/M/M2/M3	562-4682
Trip Edge.....	20	12/140/150/160/14	H/K/M/M2/M3	3 ft - 562-4670
Trip Edge.....	20	12/140/150/160/14	H/K/M/M2/M3	4 ft - 562-4648
Straight Front Blade.....	21	12/140/150/160/14	H/K/M/M2/M3	524-6868
Angle Front Blades.....	21	12/140/150/160/14	H/K/M/M2/M3	Hydraulic: 524-6851
Angle Front Blades.....	21	12/140/150/160/14	H/K/M/M2/M3	Manual: 524-6855
Trip Blade.....	21	12/140/150/160	H/K/M/M2/M3	524-6844
Trip Blade.....	21	14	H/K/M/M3	524-6847
Sy-Klone Air Cleaner.....	21	12/140/150/160/14	H/K/M/M2/M3	380-6775

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Headlight RH (Rooding).....	28	120/12/140/150/160/14	H/M/M2/M3	525-5297
Headlight LH (Rooding).....	28	120/12/140/150/160/14	H/M/M2/M3	525-5298
Rear Turn Signal (Rooding).....	28	120/12/140/150/160/14	H/M/M2/M3	379-3416
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NOTES



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Cat[®] Motor Graders offer world-class cab design, easy-to-use controls and advanced electronics and hydraulics to give you optimum productivity for any application. This guide will provide you with a quick reference for the available aftermarket components and the common maintenance parts you need to keep your

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NOTES

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PEBJ0139-01
December
2019

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