

CATERPILLAR MACHINE PRICE LIST

# 416F2 HRC

416F2 BACKHOE LOADER HRC  
LEICESTER, ENGLAND

Ship Weight  
lbs

LIST PRICE  
AT DEALER

Standard Equipment:

## BOOMS, STICKS, AND LINKAGES

14'4" Center pivot excavator style backhoe with 2-lever control  
Boom transport lock  
Swing transport lock  
Street type stabilizer shoes  
Bucket level indicator  
Lift cylinder brace  
Return-to-dig (automatic bucket positioner)  
Self-leveling loader with single lever control  
Transmission neutralizer switch  
Single Tilt Loader

## POWERTRAIN

Cat C4.4, 70KW (Net 87HP / 65kW)  
- Direct Injection Turbo Charged Engine,  
- with ACERT technology.  
- US EPA Tier4 FinalEmissions Compliant  
- Selective Catalytic Reduction (SCR)  
Water separator  
Thermal starting aid system  
A dry type axial seal air cleaner with integral precleaner, automatic dust ejection system, and filter condition indicator  
Hydraulically boosted multi-plate wet disk brake with dual pedals & interlock  
Differential lock  
Drive-line parking brake  
Torque converter  
Transmission-four speed manual shift with power shuttle and neutral safety switch  
Spin-on fuel, engine oil, and transmission oil filters  
Outboard Planetary Rear Axles

## HYDRAULICS

Load sensing, variable flow system with 35 gpm axial piston pump  
6 micron hydraulic filter  
O-ring face seal hydraulic fittings

## HYDRAULICS (Continued)

Caterpillar XT-3 hose  
Hydraulic oil cooler  
Flow-Sharing Hydraulic Valves

## ELECTRICAL

12 volt electrical start  
100 ampere alternator  
Horn  
Backup alarm  
Hazard flashers/turn signals  
Halogen head lights (2)  
Halogen rear flood lights (2)  
Stop and tail lights  
Audible system fault alarm  
Key start/stop system  
880 CCA maintenance free battery  
Battery disconnect switch  
External Power Receptacle (12v)  
Remote jump start connector

## OPERATOR ENVIRONMENT

Lighted gauge group  
Interior rearview mirror  
Rear fenders  
ROPS canopy  
2-inch retractable seat belt  
Hand and foot throttle  
Air suspension seat  
Coat Strap

## FLUIDS

Antifreeze - Extended Life Coolant  
-30C (-20F)

## OTHER STANDARD EQUIPMENT

Hydrostatic power steering  
Standard Storage Box  
Transport tie-down points  
Ground line fill fuel tank with 44 gallon capacity  
Rubber impact strips on radiator guards  
Bumper  
CD-ROM Parts Manual  
Backhoe Safety Manual  
Operations and Maintenance Manual  
Lockable hood  
Tire Valve Stem Protection

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**Lane 2 is reserved for the Base Order Management Program  
Please use Lane 2 when placing orders that are part of the Base Order  
Management program.**

**540-0793      416F2 BACKHOE LOADER DCA1 ..... 0                      \$94,690**  
LANE 1 - AVAILABLE FROM CLAYTON PRODUCT DISTRIBUTION CENTER

- INCLUDES:  
450-8445 416F2 BHL ST, TIER 4 HRC, 70KW  
337-9695 COUNTERWEIGHT, 530 LBS  
450-8726 STICK, STANDARD, 14FT  
450-8754 ENGINE, 70KW, C4.4 ACERT, T4F  
450-8677 CANOPY, BASE  
433-4804 SEAT, VINYL  
450-8511 HYDRAULICS, GP, 5FCN/7BNK  
450-8604 PT, 4WD, STD SHIFT, MECH  
398-2496 CONTROLS, BACKHOE PATTERN  
447-0049 PRODUCT LINK, CELLULAR, PL641I

**540-0794      416F2 BACKHOE LOADER DCA2 ..... 0                      \$105,260**  
LANE 1 - AVAILABLE FROM CLAYTON PRODUCT DISTRIBUTION CENTER

- INCLUDES:  
450-8445 416F2 BHL ST, TIER 4 HRC, 70KW  
337-9696 COUNTERWEIGHT, 1015 LBS  
450-8728 STICK, EXTENDABLE, 14FT, PILOT  
450-8754 ENGINE, 70KW, C4.4 ACERT, T4F  
450-8677 CANOPY, BASE  
433-4804 SEAT, VINYL  
450-8518 HYDRAULICS GP, 5FCN/7BNK, PT  
450-8640 PT, 4WD, STD SHIFT, PILOT  
447-0049 PRODUCT LINK, CELLULAR, PL641

**540-0795      416F2 BACKHOE LOADER DCA3 ..... 0                      \$115,540**  
LANE 1 - AVAILABLE FROM CLAYTON PRODUCT DISTRIBUTION CENTER

- INCLUDES:  
450-8445 416F2 BHL ST, TIER 4 HRC, 70KW  
337-9696 COUNTERWEIGHT, 1015 LBS  
433-4805 SEAT, FABRIC  
447-0049 PRODUCT LINK, CELLULAR, PL641  
450-8518 HYDRAULICS GP, 5FCN/7BNK, PT  
450-8640 PT, 4WD, STD SHIFT, PILOT  
450-8680 CAB, STANDARD  
450-8711 AIR CONDITIONER, T4  
450-8728 STICK, EXTENDABLE, 14FT, PILOT  
450-8754 ENGINE, 70KW, C4.4 ACERT, T4F

**450-8445      416F2 BHL ST, TIER 4 HRC, 70KW ..... 0                      \$78,030**  
LANE 2 - AVAILABLE FROM LEICESTER FACTORY  
LANE 3 - AVAILABLE FROM LEICESTER FACTORY

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Ship Weight  
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LIST PRICE  
AT DEALER

0G-0555

**416 MISC MATL, USA & CNDA** ..... 0

**NC**

All work tools not associated with machine orders  
will be supplied through Parts Distribution and should  
be ordered from the WT-BHL price list.

CATERPILLAR MACHINE PRICE LIST

# 416F2 HRC

USE	REF NO.	LANE 1 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
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**LANE 1 AM-NORTH MANDATORY ATTACHMENTS**

**LANE SELECTION**

	0P-9001	LANE 1 ORDER . . . . . 0		NC
		Select this option when ordering from the PDC		

**LOADER BUCKET**

Select either 325-5100 or both bucket and cutting edge.

P	325-5100	BUCKET, LOADER (NONE) . . . . . 0		NC
		Ship with no loader bucket.		
P	337-7385	BUCKET-GP, 1.30 YD3, PO . . . . . 965		\$3,231
		1.25 CYD (0.96CUM) SAE capacity General Purpose. Drilled to accept bolt-on teeth or cutting edge (not included).		

**CUTTING EDGE**

P	9R-5321	CUTTING EDGE, TWO PIECE . . . . . 154		\$331
		Bolt-on reversible cutting edge for the Loader Bucket.		

**TIRES**

Due to industry-wide tire availability limitations, tire brand and type cannot be guaranteed. Every effort will be made to satisfy your tire choice, but we reserve the right to use alternate but equivalent tires. If equivalent tires are not available we will agree an alternative prior to machine shipment.

P	533-0488	TIRES, 340 80-18/500 70-24, MX . . . . . 0		\$1,645
		Michelin Power CL (Bias Ply) 12.5/80-18 12PR directional front tire and 500/70-24 20PR (Bias ply) directional rear tires designed to deliver high load capacity.		
		Provides excellent traction and floatation. Wide lugs provide long life and hard surface grip.		

**WORKLIGHTS**

L	491-6734	WORKLIGHTS (8) HALOGEN LAMPS . . . . . 0		NC
		FOR USE WITH: DCA3		
L	491-6733	WORKLIGHTS (4) HALOGEN LAMPS . . . . . 0		NC
		FOR USE WITH: DCA1 & DCA2		

**DECAL PACKAGES**

P	430-9944	INSTRUCTIONS, ANSI . . . . . 0		NC
		This package includes picto decals for use in USA.		
P	430-9945	INSTRUCTIONS, ISO . . . . . 0		NC
		This package includes picto decals for use outside of USA.		

**SEAT BELT**

L	206-1747	BELT, SEAT, 2" SUSPENSION . . . . . 0		NC
L	206-1748	SEAT BELT, 3" SUSPENSION . . . . . 0		\$144
		REQUIRED IN: CALIFORNIA		

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**LANE 1 AM-NORTH MANDATORY ATTACHMENTS (CONT.)**

**STABILIZER PADS**

P	9R-1085	<b>STABILIZER PADS, STREET</b> . . . . . 37 Set of two rubber pads which bolt to the standard shoes. For use on prepared surfaces such as asphalt or concrete.		NC
P	9R-6007	<b>STABILIZER PADS, FLIP-OVER</b> . . . . . 85 Flip-over pads for use on asphalt, concrete or soil.		\$336

**BACKHOE BUCKET OR COUPLER**

P	175-7877	<b>BUCKET, HOE, (NONE)</b> . . . . . 10 REQUIRED when no backhoe bucket or coupler is installed.		NC
P	219-3387	<b>BUCKET-HD, 24", 6.2 FT3</b> . . . . . 333 Includes 5 tooth tips.		\$1,717
P	254-8941	<b>BUCKET-SOIL, 24", 8.5 FT3</b> . . . . . 395 Includes 5 angle-down adapters and soil tooth tips.		\$1,854
P	219-3411	<b>BUCKET-HD, 12", 2.8 FT3</b> . . . . . 238 Includes 3 tooth tips and Pin set for 12" Buckets.		\$1,457
P	219-3386	<b>BUCKET-HD, 18", 4.2 FT3</b> . . . . . 284 Includes 4 tooth tips.		\$1,508
P	212-8738	<b>BUCKET-DC, 48", 13.0 FT3</b> . . . . . 0 Ditch cleaning bucket		\$2,757

**INSTRUCTIONS AND OPERATION MANUALS**

	421-8926	<b>SERIALIZED TECHNICAL MEDIA KIT</b> . . . . . 0 Kit will include instructions and parts CD in the legally required language, based on the shipping address. Any additional media such as a paper parts manual, not included in the kit, can be ordered through the media website. <a href="https://oos.midlandcorp.com/CAT/Default.aspx">https://oos.midlandcorp.com/CAT/Default.aspx</a>		NC
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**TRANSPORT PROTECTION**

	461-6839	<b>SHIPPING/STORAGE PROTECTION</b> . . . . . 0 Provides protective film for rust protection while shipping and for extended storage periods. This product will need to be power washed with soapy water prior to shipment to the customer.		\$203 NET
	462-1033	<b>RUST PREVENTATIVE APPLICATOR.</b> . . . . . 0 Preparation for shipment - Silix applicators required for shipment by sea. Required for all machines for USA, Canada & South America		\$108 NET

**PACKING**

	0P-0210	<b>PACK, DOMESTIC TRUCK</b> . . . . . 0 Required for all machines for USA, Canada & South America		NC
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**LANE 1 AM-NORTH OPTIONAL ATTACHMENTS**

*May select additional options (not required).*

P	211-4292	BEACON, MAGNETIC MOUNT . . . . . 0 Must be ordered as 'NOT INSTALLED'		\$231 NI
P	353-1389	GUARD, STABILIZER . . . . . 0 Guards to protect Stabilizer cylinder rods from damage.		\$835
P	423-7607	PLATE GROUP - BOOM WEAR . . . . . 0 Bolt on guard prevents damage to boom.		\$216
P	444-7500	COUPLER, PG, MAN.D.LOCK, BHL . . . . . 192 Mechanical quick coupler for backhoe buckets. (Base machine includes one set of pins and hardware to attach one bucket).		\$2,090

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**LANE SELECTION**

**LANE 2/ LANE 3 FACTORY ARRANGEMENTS**

OP-9002	LANE 2 ORDER . . . . .	0	NC
	Only for dealers enrolled in the Base Orders Management (BOM) program		
OP-9003	LANE 3 ORDER . . . . .	0	NC

**BOOMS, STICKS, AND LINKAGES**

**BACKHOE STICKS**

L	450-8726	STICK, STANDARD, 14FT . . . . .	0	NC
L	450-8727	STICK, EXTENDABLE, 14FT, MECH . . . . .	0	\$4,720
		Provides additional 3'8" (1.13m) of reach		
L	450-8728	STICK, EXTENDABLE, 14FT, PILOT . . . . .	0	\$4,720
		Includes E-Stick, pedal and linkage.		
		Provides additional 3'8" (1.13m) of reach		
		REQUIRES: PILOT POWERTRAIN, HYDRAULICS AND CONTROLS		

**POWERTRAIN**

**POWERTRAIN (Gearbox, Axles, Lines)**

**POWERTRAINS FOR MACHINES WITH MECHANICAL CONTROLS**

L	450-8597	PT, 2WD, STD SHIFT, MECH . . . . .	0	NC
L	450-8604	PT, 4WD, STD SHIFT, MECH . . . . .	0	\$9,600

**POWERTRAINS FOR MACHINES WITH PILOT CONTROLS**

L	450-8638	PT, 2WD, STD SHIFT, PILOT . . . . .	0	NC
L	450-8640	PT, 4WD, STD SHIFT, PILOT . . . . .	0	\$9,600

**ENGINE (Engine, Cooler, Filters, Lines)**

L	450-8754	ENGINE, 70KW, C4.4 ACERT, T4F . . . . .	0	\$5,460
		EU Stage T2/ EPA Tier 2 Compliant, Mechanical turbocharged engine.		
		Gross Power @ Rated (2200RPM) ISO 14396 93HP (68.5kW)		

**HYDRAULICS**

**LOADER & BACKHOE HYDRAULICS (inc Valves and Loader Lines)**

L	450-8510	HYDRAULICS, GP, 4FCN/6BNK . . . . .	0	NC
		CANNOT BE USED WITH: E-STICK OR AUX LINES		
L	450-8511	HYDRAULICS, GP, 5FCN/7BNK . . . . .	0	\$710
		CANNOT BE USED WITH: E-STICK IF AUX LINES ARE REQUIRED		

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**HYDRAULICS (CONT.)**

**LOADER & BACKHOE HYDRAULICS (inc Valves and Loader Lines) (Cont.)**

L	450-8512	HYDRAULICS, GP, 6FCN/8BNK	0	\$1,430
L	450-8513	HYDRAULICS, MP, 4FCN/6BNK FOR USE WITH: MP BUCKETS or as an AUX VALVE WITH A GP BUCKET CANNOT BE USED WITH: AN EXTENDABLE STICK	0	\$1,190
L	450-8514	HYDRAULICS, MP, 5FCN/7BNK FOR USE WITH: MP BUCKETS or as an AUX VALVE WITH A GP BUCKET CANNOT BE USED WITH: E-STICK IF AUX LINES ARE REQUIRED	0	\$1,955
L	450-8515	HYDRAULICS, MP, 6FCN/8BNK FOR USE WITH: MP BUCKETS or as an AUX VALVE WITH A GP BUCKET	0	\$2,690

**HYDRAULICS FOR MACHINES WITH PILOT CONTROLS**

L	450-8516	HYDRAULICS GP, 4FCN/6BNK, PT CANNOT BE USED WITH: E-STICK OR AUX LINES	0	\$4,980
L	450-8518	HYDRAULICS GP, 5FCN/7BNK, PT CANNOT BE USED WITH: E-STICK IF AUX LINES ARE REQUIRED	0	\$5,690
L	450-8519	HYDRAULICS GP, 6FCN/8BNK, PT	0	\$6,410
L	450-8520	HYDRAULICS MP, 4FCN/6BNK, PT FOR USE WITH: MP BUCKETS or as an AUX VALVE WITH A GP BUCKET CANNOT BE USED WITH: AN EXTENDABLE STICK	0	\$6,180
L	450-8521	HYDRAULICS MP, 5FCN/7BNK, PT FOR USE WITH: MP BUCKETS or as an AUX VALVE WITH A GP BUCKET CANNOT BE USED WITH: E-STICK IF AUX LINES ARE REQUIRED	0	\$6,930
L	450-8522	HYDRAULICS MP, 6FCN/8BNK, PT	0	\$7,660

**MECHANICAL BACKHOE CONTROLS**

Must select when ordering MECHANICAL hydraulics.  
Not required (and cannot be used with) PILOT hydraulics.

L	398-2497	CONTROLS, EXCAVATOR PATTERN Left hand: Stick and Swing; Right hand: Boom and Bucket.	0	\$201
L	398-2496	CONTROLS, BACKHOE PATTERN Left hand: Boom and swing; Right hand: Stick and bucket.	0	NC

**PILOT CONTROLS/STANDARD STICK - BACKHOE AUXILIARY HYDRAULICS**

Must select one when ordering PILOT hydraulics with a STANDARD STICK.  
Please see the Optional Attachments/Hydraulics section for auxiliary lines on all other machines.

L	450-8498	CONTROL, PILOT,S/STK, NO LINES Control, pilot, standard stick, no lines. REQUIRED BY MACHINES WITH PILOT CONTROLS, STANDARD STICK AND NO BACKHOE LINES.	0	NC
L	450-8771	LINES, COMB AUX, PILOT,STD STK FOR USE WITH: STANDARD STICK, PILOT CONTROLS & 5 or 6 FCN HYDRAULICS	0	\$3,500



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**OPERATOR ENVIRONMENT**

**CAB/ CANOPY**

L	450-8677	CANOPY, BASE . . . . . 0		NC
		Includes tilt steering column, floor mat, one internal and one external power receptacles and rotating vandal guard.		
L	450-8680	CAB, STANDARD . . . . . 0		\$7,150
		Includes window defroster, front and rear windshield wiper/washer system, left and right side doors with locks, coat hook, interior rearview mirror, tilt steering column, floor mat, air suspension fabric seat, radio-ready headliner, two internal and two external power receptacles. one external power receptacles.		

**WORKING LIGHTS**

L	491-6736	WORKLIGHTS (8) LED LAMPS . . . . . 0		\$875
		FOR USE WITH: 450-8679 CANOPY OR 450-8680 CAB, STD		
L	491-6734	WORKLIGHTS (8) HALOGEN LAMPS . . . . . 0		NC
		FOR USE WITH: 450-8679 CANOPY OR 450-8680 CAB, STD		
L	491-6733	WORKLIGHTS (4) HALOGEN LAMPS . . . . . 0		NC
		FOR USE WITH: 450-8677 CANOPY		
L	491-6735	WORKLIGHTS (4) LED LAMPS . . . . . 0		\$436
		FOR USE WITH: 450-8677 CANOPY, BASE		

**SEATING**

L	433-4804	SEAT, VINYL . . . . . 0		NC
		FOR USE WITH: OPEN CANOPY		
L	433-4805	SEAT, FABRIC . . . . . 0		\$515
		FOR USE WITH: ENCLOSED CAB		

**SEAT BELT**

L	206-1747	BELT, SEAT, 2" SUSPENSION . . . . . 0		NC
L	206-1748	SEAT BELT, 3" SUSPENSION . . . . . 0		\$144
		REQUIRED IN: CALIFORNIA		

**ENVIRONMENTAL CONTROL**

SELECT FOR ENCLOSED CABS ONLY

L	450-8710	HEATER, T4 . . . . . 0		NC
		Select if heat only is required. CANNOT BE USED WITH: MACHINES WHICH HAVE AN OPEN CANOPY		
L	450-8711	AIR CONDITIONER, T4 . . . . . 0		\$2,630
		Select if both heat and air conditioning is required. CANNOT BE USED WITH: MACHINES WHICH HAVE AN OPEN CANOPY		

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**TECHNOLOGY PRODUCTS**

**PRODUCT LINK**

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitoring performance of your assets, it helps keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet.

Availability varies by country, please contact your Cat marketing representative with questions or click on the link below:

<HTTPS://DEALER.CAT.COM/en/bt/otd/machine-price-list.html>

From there click on the "PRODUCT LINK Hardware Certification" link.

L	447-0048	<b>PRODUCT LINK, SATELLITE PL631E</b> . . . . . 0 PL631 uses a satellite network to transmit location, utilization and condition information for viewing in Product Link's remote monitoring web interface. For use in areas with poor or no cellular coverage.		\$439
L	581-1781	<b>PRODUCT LINK, CELLULAR PL641</b> . . . . . 0 PL641 uses GSM and CDMA 4G cellular networks to transmit location, utilization and condition information for viewing in Product Link's remote monitoring web interface. Cellular technology provides capabilities for frequent transmission and larger volumes of data.		NC

**TIRES, RIMS, AND WHEELS**

**TIRES**

Due to industry-wide tire availability limitations, tire brand and type cannot be guaranteed. Every effort will be made to satisfy your tire choice, but we reserve the right to propose alternate tires Any proposed change will be reviewed with the dealer prior to machine shipment. The machine will ship only with the dealer acceptance of the proposed alternative tire.

**TWO WHEEL DRIVE TIRES AVAILABLE FROM GOODYEAR**

P	379-2160	<b>TIRES, 11L-16/19.5L-24, GY, 2WD</b> . . . . . 0 Front: Goodyear 11L-16 12 PR F-3 Laborer Non-Directional tire for lighter 2WD truck loading. Excellent handling and mobility with 5-rib design. Resists tearing and cracking with special tread compound. Rear: Goodyear 19.5L-24 12 PR R4 IT525 Directional tire with solid performance on rock-hard ground. Increased wear and performance on hard surfaces. FOR USE WITH: TWO WHEEL DRIVE POWERTRAINS		\$1,035
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**FOUR WHEEL DRIVE TIRES AVAILABLE FROM MICHELIN**

P	533-0488	<b>TIRES, 340 80-18/500 70-24, MX</b> . . . . . 0 Michelin Power CL (Bias Ply) 12.5/80-18 12PR directional front tire and 500/70-24 20PR (Bias ply) directional rear tires designed to deliver high load capacity. Provides excellent traction and floatation. Wide lugs provide long life and hard surface grip.		\$1,645
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**TIRES, RIMS, AND WHEELS (CONT.)**

**FOUR WHEEL DRIVE TIRES AVAILABLE FROM MICHELIN (Cont.)**

P	320-2384	<b>TIRES, 340 80R18/500 70R24, MX</b> ..... 0 Front: Michelin 340/80R18 XMCL 142A8 Directional tire designed to deliver high load capacity, smooth wear and long life with superb grip in all types of conditions. Rear: Michelin 500/70R24 XMCL 157A8 Directional tire designed for outstanding damage resistance,oth extremely long tire life, and high load capacity.of conditions. ONLY FOR USE WITH: FOUR WHEEL DRIVE POWERTRAINS		\$3,110
P	533-0479	<b>TIRES, 340 80R18/500 70R24, MX</b> ..... 0 Michelin 340/80R18 BIBLOAD Radial multi-directional front tires and Michelin 500/70R24 BIBLOAD Radial multi-directional rear tires for more contact on hard surfaces and smoother ride with good resistance to wear and tear.		\$3,235
P	533-2163	<b>TIRES, 340 80R20/480 80R26, MX</b> ..... 0 Michelin 340/80-R20 XMCL radial directional front tires and Michelin 480/80R26 XMCL radial directional rear tires for excellent traction on all types of ground, good wear resistance on hard abrasive surfaces. A taller and wider tire combination for superior ground clearance and floatation. REQUIRES: 311-2230 STEERING STOP		\$3,535

**FOUR WHEEL DRIVE TIRES AVAILABLE FROM GOODYEAR**

P	379-2161	<b>TIRES, 12.5 80/19.5L-24, GY</b> ..... 0 Front: Goodyear 12.5/80-1810 PR I-3 Sure Grip Lug Directional tire for good traction and long wear, provided by wide, sturdy overlapping lugs. Rear: Goodyear 19.5L-24 12 PR R4 IT525 Directional tire with solid performance on rock-hard ground. Increased wear and performance on hard surfaces.		\$1,690
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**FOUR WHEEL DRIVE TIRES AVAILABLE FROM FIRESTONE**

P	282-3855	<b>TIRES, 12.5 80-18/21L-24, FS</b> ..... 0 Front: Firestone 12.5/80-18 NHS (12ply) I-3 Super Traction Loader. Directional tire with low profile design that provides excellent traction and flotation. Tough sidewall for long wear. Rear: Firestone 21L-24 (16ply) R4 ATU (All Traction Utility) Directional tire provides excellent traction and flotation characteristics. Shock-fortified nylon-cord body resists impacts, cuts and punctures. Adds one inch of rear height with improved rear flotation. ONLY FOR USE WITH: FOUR WHEEL DRIVE POWERTRAINS		\$2,605
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**STEERING STOP**

P	311-2230	<b>STEERING STOP</b> ..... 0 Front axle steering stop limits the steering angle on 20- tire arrangements to prevent machine interference. REQUIRES: 5332163 TIRES, 340 80R20/480 80R26, MX		\$10
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## OTHER ATTACHMENTS

### COUNTERWEIGHT

MINIMUM RECOMMENDED COUNTERWEIGHT

RECOMMENDED WEIGHT

416F2 ST, 2WD, Std Stick, GP Bucket	530 lbs
416F2 ST, 4WD, Std Stick, GP Bucket	255 lbs
416F2 ST, 2WD, Std Stick, MP Bucket	no cwt
416F2 ST, 4WD, Std Stick, MP Bucket	no cwt
416F2 ST, 2WD, E-Stick, GP Bucket	1015 lbs
416F2 ST, 4WD, E-Stick, GP Bucket	1015 lbs
416F2 ST, 2WD, E-Stick, MP Bucket	530 lbs
416F2 ST, 4WD, E-Stick, MP Bucket	255 lbs

P	337-9693	COUNTERWEIGHT, NONE	0	NC
P	337-9694	COUNTERWEIGHT, 255 LBS	0	\$680
P	337-9695	COUNTERWEIGHT, 530 LBS	0	\$895
P	337-9696	COUNTERWEIGHT, 1015 LBS	0	\$1,765

### Stabilizer Pads and Accessories

Select one

P	9R-1085	STABILIZER PADS, STREET	37	NC
		Set of two rubber pads which bolt to the standard shoes. For use on prepared surfaces such as asphalt or concrete.		
P	9R-6007	STABILIZER PADS, FLIP-OVER	85	\$336
		Flip-over pads for use on asphalt, concrete or soil.		
P	116-4942	STABILIZER PADS, GROUSER TYPE	150	\$-211
		Set of two steel pads with grouser bars for use on soil.		

## BUCKETS

### LOADER BUCKETS

P	325-5100	BUCKET, LOADER (NONE)	0	NC
		Ship with no loader bucket.		
P	337-7385	BUCKET-GP, 1.30 YD3, PO	965	\$3,231
		1.25 CYD (0.96CUM) SAE capacity General Purpose. Drilled to accept bolt-on teeth or cutting edge (not included).		
P	337-7382	BUCKET-GP, 1.0 YD3, PO	776	\$2,753
		1.00 CYD (0.76CUM) SAE capacity General Purpose. Drilled to accept bolt-on teeth or cutting edge (not included).		
P	337-7436	BUCKET-MP, 1.3 YD3, PO, BRKTS	1,593	\$6,911
		1.35 CYD (1.03CUM) SAE capacity Multi Purpose. Drilled to accept bolt-on teeth or cutting edge (not included) REQUIRES: MP HYDRAULICS		

### CUTTING EDGE / TEETH

P	9R-5321	CUTTING EDGE, TWO PIECE	154	\$331
		Bolt-on reversible cutting edge for the Loader Bucket.		

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
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**BUCKETS (CONT.)**

**CUTTING EDGE / TEETH (Cont.)**

P	9R-5866	TEETH . . . . .	61	\$389
		Includes eight bolt-on Uniteeth and hardware. CANNOT BE USED WITH: 9R5321 CUTTING EDGE, TWO PIECE		

**BACKHOE BUCKETS & COUPLERS**

If no coupler is selected hoe bucket should be ordered as installed.  
If coupler is selected coupler should be installed and hoe bucket not installed.  
Additional buckets may be ordered as not-installed from the Lane2/ Lane3 Optional section.

P	175-7877	BUCKET, HOE, (NONE) . . . . .	10	NC
		REQUIRED when no backhoe bucket or coupler is installed.		
P	219-3387	BUCKET-HD, 24", 6.2 FT3 . . . . .	333	\$1,717
		Includes 5 tooth tips.	333	\$1,717 NI
P	254-8941	BUCKET-SOIL, 24", 8.5 FT3 . . . . .	395	\$1,854
		Includes 5 angle-down adapters and soil tooth tips.	395	\$1,854 NI
P	219-3396	BUCKET-ROCK, HD, 24", 7.0 FT3 . . . . .	381	\$1,892
		Includes 5 tooth tips.	381	\$1,892 NI
P	219-3381	BUCKET, 24", 6.2 FT3 . . . . .	291	\$1,335
		Includes 5 tooth tips.	291	\$1,335 NI
P	219-3411	BUCKET-HD, 12", 2.8 FT3 . . . . .	238	\$1,457
		12- wide, 0.1 CYD (0.078 CUM) capacity Includes 3 tooth tips and Pin set for 12" Buckets.	238	\$1,457 NI
P	219-3386	BUCKET-HD, 18", 4.2 FT3 . . . . .	284	\$1,508
		Includes 4 tooth tips.	284	\$1,508 NI
P	212-8738	BUCKET-DC, 48", 13.0 FT3 . . . . .	0	\$2,757
		Ditch cleaning bucket	453	\$2,757 NI
P	247-1950	BUCKET-HD, 24", 7.3 FT3, PL . . . . .	370	\$1,846
		This Pin Lock bucket includes 5 tooth tips. ONLY FOR USE WITH: 222-7379 COUPLER, PIN LOCK	370	\$1,846 NI
P	444-7500	COUPLER, PG, MAN.D.LOCK, BHL . . . . .	192	\$2,090
		Mechanical quick coupler for backhoe buckets. (includes one set of pins and hardware to attach one bucket)		
P	544-1901	COUPLER, PIN LOCK, BL F . . . . .	0	\$1,528
		Manual coupler for dedicated Pin Lock backhoe work tools. Includes mounting pins and hardware for attaching tools.		
P	485-5303	COUPLER, PG, HYD.D.LOCK,BHL . . . . .	192	\$4,083
		Hydraulic quick coupler with dual lock for backhoe buckets. REQUIRES: 450-8577 LINES, HYD COUPLER 14FT STD-STK or 450-8578 LINES, HYD COUPLER 14FT E-STICK		

CATERPILLAR MACHINE PRICE LIST

# 416F2 HRC

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
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**INSTRUCTIONS**

***DECAL PACKAGES***

P	430-9944	INSTRUCTIONS, ANSI . . . . . 0 This package includes picto decals for use in USA.		NC
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***INSTRUCTIONS AND OPERATION MANUALS***

	421-8926	SERIALIZED TECHNICAL MEDIA KIT . . . . . 0 Kit will include instructions and parts CD in the legally required language, based on the shipping address. Any additional media such as a paper parts manual, not included in the kit, can be ordered through the media website. <a href="https://oos.midlandcorp.com/CAT/Default.aspx">https://oos.midlandcorp.com/CAT/Default.aspx</a>		NC
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CATERPILLAR MACHINE PRICE LIST

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**NOTE**

**LANE 2 / LANE 3 OPTIONAL SELECTIONS**

All items may be ordered as Lane 2 unless specifically designated 'FOR USE IN LANE 3 ONLY'.

**HYDRAULICS**

**RIDE CONTROL**

L	398-2680	RIDE CONTROL . . . . .	0	\$1,490
		Improves ride during travel by providing a suspension system in the loader lift arm circuit. Recommended in applications where improved material retention or ride is desired.		

**HYDRAULIC QUICK DISCONNECT**

P	456-3390	COUPLING, QD, THREADED WITH CAPS . . . . .	4	\$371 NI
		This includes one additional male and female threaded flat face, connect under pressure, quick disconnect coupling & protective caps. Compatible with all backhoe work tools. MUST BE ORDERED AS NOT-INSTALLED.		

**LINES**

P	576-1881	LINES BOOM, HBCV . . . . .	0	\$735
		Provides hoe hose burst check valve. ONLY FOR USE WITH: Pilot machines		

**THUMBS**

Thumbs cannot be shipped without either bucket or coupler.  
 Thumbs & Tines may only be ordered as full, installed packages.  
 Thumbs cannot be ordered installed, less the tine. A Tine must be selected to complete the order.  
 No additional not installed tine allowed When ordering a BHL Thumb & Tine from the Factory; insure that the correct tine is selected for the bucket and/or bucket/coupler combination.  
 If the incorrect tine is selected, the bucket and tine may not mate properly.

P	282-5409	THUMB, HYDRAULIC, NO TINE, BHL . . . . .	0	\$5,500
		Hydraulic Thumb Arrangement without tines REQUIRES: Thumb tine (see below)		
P	221-4282	THUMB, TINE, A 1 . . . . .	0	\$417
		Buckets with no coupler ONLY FOR USE WITH: 219-3411 BUCKET 12" OR 219-3386 BUCKET 18" 219-3381 BUCKET 24" OR 219-3387 BUCKET 24"		
P	221-4284	THUMB, TINE, A 2 . . . . .	0	\$417
		Bucket with no coupler FOR USE WITH: 219-3396 BUCKET 24" Bucket with 544-1901 Coupler FOR USE WITH: 247-1950 BUCKET 24"		

CATERPILLAR MACHINE PRICE LIST

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
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**HYDRAULICS (CONT.)**

**THUMBS (Cont.)**

P	221-4283	THUMB, TINE, A 3 . . . . . 0		\$417
		Bucket with no coupler FOR USE WITH: 254-8941 BUCKET 24" Buckets with: 444-7500 COUPLER, MANUAL OR 485-5303 COUPLER, HYDR FOR USE WITH: 219-3411 BUCKET 12" OR 219-3386 BUCKET 18" OR 219-3381 BUCKET 24" OR 219-3387		
P	221-4285	THUMB, TINE, A 4 . . . . . 0		\$556
		ONLY FOR USE WITH: 444-7500 COUPLER, MANUAL OR 485-5303 COUPLER, HYDR 219-3396 BUCKET 24"		
P	281-6708	THUMB, TINE, A 5 . . . . . 0		\$556
		ONLY FOR USE WITH: 444-7500 COUPLER, MANUAL OR 485-5303 COUPLER, HYDR 254-8941 BUCKET 24"		

**BACKHOE HYDRAULICS**

L	450-8771	LINES, COMB AUX, PILOT, STD STK . . . . . 0		\$3,500
		FOR USE WITH: STANDARD STICK, PILOT CONTROLS & 5 or 6 FCN HYDRAULICS		
L	450-8772	LINES, COMB AUX, PILOT, E-STK . . . . . 0		\$3,500
		FOR USE WITH: E-STICK, PILOT CONTROLS & 6 FUNCTION HYDRAULICS		
L	398-2850	LINES, COMBINED AUX, STD STICK . . . . . 0		\$3,500
		FOR USE WITH: STANDARD STICK & 5 or 6 FUNCTION HYDRAULICS		
L	398-2851	LINES, COMBINED AUX, E-STICK . . . . . 0		\$3,500
		FOR USE WITH: E-STICK & 6 FUNCTION HYDRAULICS		

**ELECTRICAL**

**MAGNETIC BEACON**

P	211-4292	BEACON, MAGNETIC MOUNT . . . . . 0		\$231 NI
		Must be ordered as 'NOT INSTALLED'		
P	433-0154	BEACON, MAGNETIC MOUNT, STROBE . . . . . 0		\$342 NI
		Must be ordered as 'NOT INSTALLED'.		

**RADIO**

P	540-2298	RADIO, FM BLUETOOTH . . . . . 0		\$550
		Cat FM Radio with bluetooth, aux input & microphone. CANNOT BE USED WITH: OPEN CANOPY MACHINES		

**RADIO READY CANOPY HEADLINER**

L	398-2875	RADIO READY HEADLINER, CANOPY . . . . . 3		\$499
		Canopy headliner to accept a suitable 'all weather' Radio/ CD player (not available from factory) FOR USE WITH: OPEN CANOPIES ONLY		

**FACE FAN**

L	454-6610	FAN, STANDARD CAB/ CANOPY . . . . . 0		\$230
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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
<b>ELECTRICAL (CONT.)</b>				
<b>SECURITY KEYPAD</b>				
L	387-6570	SECURITY SYSTEM, KEYPAD . . . . . 0 The keypad unit is a self contained immobiliser system to disable the engine, transmission and other systems at key switch on until a valid pass code is entered on the keypad which unlocks the machine to enable operation.		\$499
<b>HEAVY DUTY BATTERY</b>				
L	457-2797	BATTERY, HEAVY DUTY . . . . . 0 INCLUDED IN: COLD WEATHER PACKAGE		\$227
<b>COLD WEATHER PACKAGES</b>				
L	398-2882	COLD WEATHER PACKAGE, 120V HRC . . . . . 0 Provides additional battery and engine block heater as well as radiator antifreeze (to -55 celsius), mounting for an ether bottle and low temperature diesel fuel (to -30 celsius). The ether bottle is available seperately from Parts Distribution CANNOT BE USED WITH: HEAVY DUTY BATTERY or COLD WEATHER FUEL		\$780
L	396-6505	FUEL, COLD WEATHER . . . . . 0 Provides low temperature diesel fuel (to -30 celsius). INCLUDED IN: COLD WEATHER PACKAGE		\$139 NET
<b>GUARDS</b>				
P	423-7607	PLATE GROUP - BOOM WEAR . . . . . 0 Bolt on guard prevents damage to boom.		\$216
P	353-1389	GUARD, STABILIZER. . . . . 0 Guards to protect Stabilizer cylinder rods from damage.		\$835
<b>OTHER ATTACHMENTS</b>				
<b>FENDERS</b>				
P	337-6851	FENDERS, FRONT . . . . . 0 Set of two fenders with integrated steps.		\$576
<b>SERVICE FILTER PACK</b>				
P	399-0118	SERVICE FILTER PACK, T4/C4.4 . . . . . 0 Please order as 'Not-Installed'. This pack includes: Transmission, Engine and Machine hydraulic filters together with fuel water separator filter. NOTE: Only one pack per machine order.		\$101 NI NET
<b>EXTERIOR REAR VIEW MIRRORS</b>				
P	382-2499	MIRRORS, EXTERNAL, BOTH SIDES . . . . . 0		\$725

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**WORK TOOLS**

**HYDRAULIC QUICK COUPLER LINES**

Required if a Hydraulic Quick Coupler has been selected.  
Optional selection on other machines.

P	450-8577	LINES, HYD COUPLER 14FT STD-STK . . . . .	192	\$2,324
		Provides hydraulic lines, valve and electrical controller. REQUIRED BY: HYDRAULIC COUPLER, PG, DUAL LOCK and STANDARD STICK		
P	450-8578	LINES, HYD COUPLER 14FT E-STICK . . . . .	192	\$2,324
		Provides hydraulic lines, valve and electrical controller. REQUIRED BY: HYDRAULIC COUPLER, PG, DUAL LOCK and EXTENDABLE STICK		

**BUCKET PINS**

P	318-9902	PINS, SPARE . . . . .	6	\$175
		Includes bucket pins and hardware. FOR USE WITH: 444-7500 COUPLER, PG, MANUAL, DUAL LOCK 361-1200 COUPLER, PG, HYD, DUAL LOCK		

**FLUIDS**

**COLD WEATHER FUEL**

L	396-6505	FUEL, COLD WEATHER . . . . .	0	\$139 NET
		Provides low temperature diesel fuel (to -30 celsius). INCLUDED IN: COLD WEATHER PACKAGE		

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**FIELD INSTALLED ATTACHMENTS**

***KITS AVAILABLE EX-FACTORY***

Kits cannot be ordered with your machine order.  
 Kits can be ordered through CMOPS, but **MUST** be separate orders from the machine, and **MUST** include the top level MISC MTRL reference number. To ensure the orders are transferred through Antares to the Parts Distribution System you **MUST** also select the required Packing reference number.

For USA and Canada, please place your order as follows:

OG-0555 416F2 MISC MTRL  
 Kit item number

Kits will not be shipped with your machine, and are not carried in the Waco or Clayton Logistics Nodes.

Rest of the world may order direct from the plant.  
 Please place your order as follows:

OG-0321 416F2 MISC MTRL  
 Kit item number  
 OG-3280 PACK, MISCL MTRL

Kits will not be shipped with your machine, and are not carried in the Waco or Clayton Logistics Nodes.

***BACKHOE CONTROLS***

P	468-7974	KIT, CONTROLS, BACKHOE PATTERN . . . . .	0	\$533 NI
		This kit s for converting from Excavator Control Pattern to Backhoe Control Pattern.		
P	468-7975	KIT, CONTROLS, EXCAVATOR PTRN . . . . .	0	\$533 NI
		Complete Backhoe Control kit for excavator (ISO) control pattern		

***RIDE CONTROL***

P	387-6450	KIT, RIDE CONTROL . . . . .	0	\$1,454 NI
		Improves ride during travel by providing a suspension system in the loader lift arm circuit. Recommended in applications where improved ride or material retention is desired such as roading or load and carry.		

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**FIELD INSTALLED ATTACHMENTS (CONT.)**

**AUXILIARY, COMBINED FUNCTION HYDRAULIC KITS**

For use with both one-way flow tools (hammers, compactors) and two-way flow tools (augers, thumbs, side tilt couplers). Units equipped with Standard Sticks require 5 function BH Hydraulics and operate using the right thumb controller. Units equipped with Extendible Sticks require 6 Function BH Hydraulics and operate using the left thumb controller. Mounted near the backhoe valve bank in the chassis, a manual ball valve switches between one-way and two-way flow. Estimated shop time: 8 hours to install kit, plus 8 more hours is needed if adding a valve section to the valve bank (converting 4 to 5 Function, or 5 to 6 Function). The kits provide diverter valve and hydraulic 3/4" lines routed to midpoint of stick for use with one-way or two-way flow work tools. Includes hydraulic quick disconnect couplings. This kit can be used to build 1 way (hammer) lines. See REHS installation instructions.

**FOR USE WITH MACINES WITH MECHANICAL CONTROLS**

P	468-7980	KIT, HYD, COMBINED, 14FT STD STK	0	\$3,332 NI
		FOR USE ON MECHANICALLY CONTROLLED MACHINES WITH STANDARD STICK		
P	468-7979	KIT, HYD, COMBINED, 14FT E-STK	0	\$3,332 NI
		FOR USE ON MECHANICALLY CONTROLLED MACHINES WITH AN E-STICK		

**FOR USE WITH MACHINES WITH PILOT CONTROLS**

P	468-7978	KIT, HYD, COMBINED, 14FT STD STK	0	\$3,332 NI
		FOR USE ON PILOT CONTROLLED MACHINES WITH STANDARD STICK		
P	468-7977	KIT, HYD, COMBINED, 14FT E-STK	0	\$3,332 NI
		FOR USE ON PILOT CONTROLLED MACHINES WITH AN E-STICK		

**OTHER KITS**

P	468-7970	KIT, LINES, HYD CPLR 14FT S-STK	0	\$1,724 NI
P	468-7971	KIT, LINES, HYD CPLR 14FT E-STK	0	\$1,724 NI
P	444-7500	COUPLER, PG, MAN.D.LOCK, BHL	192	\$2,090 NI
		Mechanical quick coupler for backhoe buckets.		
		ONLY FOR USE WITH: CAT D, E & F Series Buckets or Work Tools.		
P	361-1200	COUPLER, PG, HYD, DUAL LOCK	192	\$4,046 NI
		Hydraulic quick coupler with dual lock for backhoe buckets.		
P	387-6458	KIT, GUARD, STABILIZER CYLNDRS	0	\$828 NI

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**FIELD INSTALLED ATTACHMENTS (CONT.)**

**OTHER KITS (Cont.)**

P	442-9566	<b>KIT, HOE, COUPLING Q-DISCON</b> . . . . . 0 Includes both Male and Female 'Twist to Connect' hydraulic quick disconnect couplings with protective caps.		<b>\$363 NI</b>
P	482-1308	<b>KIT, SECURITY KEYPAD</b> . . . . . 0 Provides a kit to add a keypad unit, self contained immobiliser system to disable the engine, transmission and other systems at key switch on until a valid pass code is entered on the keypad which unlocks the machine to enable operation.		<b>\$493 NI</b>
P	387-6472	<b>KIT, FENDER, FRONT</b> . . . . . 0 Provides a kit to add a set of 2 Front Fenders to a machine.		<b>\$571 NI</b>

**AVAILABLE FROM PARTS DISTRIBUTION**

Please see the WT-BHL price list for other items available from Parts Distribution

**PACKING**

**SHIPPING**

	0P-0210	<b>PACK, DOMESTIC TRUCK</b> . . . . . 0 Required for all machines for USA, Canada & South America		<b>NC</b>
	461-6839	<b>SHIPPING/STORAGE PROTECTION</b> . . . . . 0 Provides protective film for rust protection while shipping and for extended storage periods. This product will need to be power washed with soapy water prior to shipment to the customer. Currently this is only available to, and required by, machines shipping to USA, Canada & South America or those using the packing reference 0G-0200		<b>\$203 NET</b>
	462-1033	<b>RUST PREVENTATIVE APPLICATOR</b> . . . . . 0 Preparation for shipment - Silix applicators required for shipment by sea. Required for all machines for USA, Canada & South America		<b>\$108 NET</b>
	0G-3280	<b>PACK, MISCELLANEOUS MATERIAL</b> . . . . . 0		<b>NC</b>
	0G-8010	<b>PACKING, PHYTO-SANITARY WOOD</b> . . . . . 0 All wood or wood derivative packaging material with this shipment requires Phytosanitary Certificate. If all packing material is wood-free (metal or plastic), this shipment requires a Declaration of No Wood Packing Material. Required in specific countries.		<b>NC</b>

**Use the reference below when ordering miscellaneous field installed kits via CMOPS to transfer to ANTARES.**

	0P-2162	<b>PACKING, KIT</b> . . . . . 0 Freight Collect		<b>NC</b>
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