# 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

# 416F2 HRC

416F2 BACK LEICESTER,	KHOE LOADER HRC Ship Weight ENGLAND Ibs	LIST PRICE AT DEALER
Lane 2 is re Please use Manageme	eserved for the Base Order Management Program Lane 2 when placing orders that are part of the Base Order nt program.	
540-0793	<b>416F2 BACKHOE LOADER DCA1</b>	\$94,690
	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 450-8611 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	\$105,260
	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	\$115,540
	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	\$78,030

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Effective 02JAN2019 416F2 HRC-002

# 416F2 HRC

416F2 BACKHOE LOADER HRC LEICESTER, ENGLAND Ship Weight lbs			LIST PRICE AT DEALER
0G-0555	416F2 MISC MTRL, USA & CNDA	0	NC

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Effective 02JAN2019 416F2 HRC-003

# 416F2 HRC

USE	REF NO.	LANE 1 MANDATORY	Ship Weight lbs	LIST PRIC
.AN	IE 1 AM-NO	RTH MANDATORY ATTACHMENTS		
L	ANE SELEC	TION		
	0P-9001	LANE 1 ORDER	0	NC
L	OADER BUG Select either 3	CKET 325-5100 or both bucket and cutting edge.		
Р	325-5100	BUCKET, LOADER (NONE)	0	NC
Р	337-7385	Ship with no loader bucket.  BUCKET-GP, 1.30 YD3, PO		\$3,231
(	CUTTING ED	GE .		
Р	9R-5321	CUTTING EDGE, TWO PIECE		\$331
	type cannot b your tire choicequivalent tire an alternative	ry-wide tire availability limitations, tire brand and e guaranteed. Every effort will be made to satisfy ee, but we reserve the right to use alternate but es. If equivalent tires are not available we will agree prior to machine shipment.		
Р	equivalent tire	es. If equivalent tires are not available we will agree	ional front tire	\$1,645
		deliver high load capacity. Provides excellent traction and floatation. Wide lugs p long life and hard surface grip.	provide	
V	NORKLIGHT	S		
L	491-6734	WORKLIGHTS (8) HALOGEN LAMPS	0	NC
L	491-6733	FOR USE WITH: DCA3 WORKLIGHTS (4) HALOGEN LAMPS FOR USE WITH: DCA1 & DCA2	0	NC
L	DECAL PACI	KAGES		
P	430-9944	INSTRUCTIONS, ANSI	0	NC
P	430-9945	This package includes picto decals for use in USA.  INSTRUCTIONS, ISO	0	NC
5	SEAT BELT	of USA.		
L	206-1747	BELT, SEAT, 2" SUSPENSION	Ο	NC
L	206-1747	SEAT BELT, 3" SUSPENSION		\$109
_	200-1746	REQUIRED IN: CALIFORNIA	0	<b>\$109</b>

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# 416F2 HRC

USE	REF NO.	LANE 1 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
LANE	1 AM-NO	RTH MANDATORY ATTACHMENTS (CONT.)		
S	TABILIZER I	PADS		
Р	9R-1085	STABILIZER PADS, STREET	es.	NC
P	9R-6007	For use on prepared surfaces such as asphalt or conc <b>STABILIZER PADS</b> , <b>FLIP-OVER</b>	85	\$336
BA	ACKHOE B	UCKET OR COUPLER		
P	175-7877	BUCKET, HOE, (NONE)		NC
Р	219-3387	BUCKET-HD, 24", 6.2 CFT		\$1,717
P	254-8941	Includes 5 tooth tips.  BUCKET-HC SOIL, 24", 8.5 CFT  Includes 5 angle-down adapters and soil tooth tips.	395	\$1,854
P	219-3411	BUCKET-HD, 12", 2.8 CFT	238	\$1,457
•	219-3386	BUCKET-HD, 18", 4.2 CFT	284	\$1,508
P	212-8738	Includes 4 tooth tips.  BUCKET-DC, 48", 13.0 CFT  Ditch cleaning bucket	0	\$2,757
//\	ISTRUCTIO	NS AND OPERATION MANUALS		
	421-8926	SERIALIZED TECHNICAL MEDIA KIT		NC
		Any additional media such as a paper parts manual, r kit, can be ordered through the media website. https://oos.midlandcorp.com/CAT/Default.aspx	not included in the	
T	RANSPORT	PROTECTION		
	461-6839	SHIPPING/STORAGE PROTECTION		\$203 NE
		This product will need to be power washed with soapy to shipment to the customer.	water prior	
	462-1033	RUST PREVENTATIVE APPLICATOR  Preparation for shipment - Silix applicators required for shipment by sea.  Required for all machines for USA, Canada & South A	or	\$108 NE
P	4 <i>CKING</i>	required for an machines for Cort, Canada & South A	merica	
,,		DACK DOMESTIC TRUCK	0	370
	0P-0210	PACK, DOMESTIC TRUCK	∪ merica	NC

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416F2 HRC

USE REF LANE 1 MANDATORY Ship Weight LIST PRICE lbs AT DEALER

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

## PACKING (Cont.)

OP-3071 FREIGHT SHIP-TO EXCEEDS RADIUS.......

A freight surcharge will be applied for the ship-to locations

described below. Any applicable surcharge will be billed seperately.

Contact your trade lane manager for information.

Finning: Locations exceeding 500 km radius of Vancouver and Edmonton

Kramer: Locations exceeding 500 km radius of Regina

Toromont: Locations exceeding 500 km radius of Toronto and Winnipeg

Hewitt: Locations exceeding 500 km radius of Montreal

Atlantic: Locations exceeding 500 km radius of Halifax and York

NC Machinery: Deliveries to Alaska Hawthorne: Deliveries to Hawaii

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# 416F2 HRC

USE	REF NO.	LANE 1 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
LANE	1 AM-NO	RTH OPTIONAL ATTACHMENTS		
M	ay select a	dditional options (not required).		
P	211-4292	BEACON, MAGNETIC MOUNT	0	\$231 NI
Р	353-1389	GUARD, STABILIZERGuards to protect Stabilizer cylinder rods from damag		\$835
Р	423-7607	PLATE GROUP - BOOM WEAR	0	\$216
P	444-7500	COUPLER, PG, MAN.D.LOCK, BHL F	192	\$2,090

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
LANE	SELECTIO	N		
LA	NE 2/ LAN	IE 3 FACTORY ARRANGEMENTS		
	0P-9002	Conly for dealers enrolled in the Base Orders Manager		NC
	0P-9003	LANE 3 ORDER		NC
BOOM	IS, STICKS	S, AND LINKAGES		
BA	CKHOE ST	TICKS		
L	450-8726	STICK, STANDARD, 14FT	0	NC
L	450-8727	STICK, EXTENDABLE, 14FT, MECH	0	\$4,720
L	450-8728	Provides additional 3'8" (1.13m) of reach 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	O CONTROLS	
POWE	RTRAIN			
PC	)WERTRAII	N (Gearbox, Axles, Lines)		
	POWERTR	AINS FOR MACHINES WITH MECHANICAL CON	TROLS	
L	450-8597	PT, 2WD, STD SHIFT, MECH	0	NC
L	450-8604	PT, 4WD, STD SHIFT, MECH	0	\$9,600
	POWERTR	AINS 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
EΛ	IGINE (Eng	ine, Cooler, Filters, Lines)		
L	450-8754	ENGINE, 70KW, C4.4 ACERT, T4F EU Stage T2/ EPA Tier 2 Compliant, Mechanical turk Gross Power @ Rated (2200RPM) ISO 14396 93HP (6	oocharged engine.	\$5,460
HYDR	AULICS			
LO	ADER & B	ACKHOE HYDRAULICS (inc Valves and Load	ler Lines)	
L	450-8510	HYDRAULICS, GP, 4FCN/6BNK	0	NC
L	450-8511	CANNOT BE USED WITH: E-STICK OR AUX LINES HYDRAULICS, GP, 5FCN/7BNK	0 RE REQUIRED	\$710

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
HYD	RAULICS (	CONT.)		
L	OADER & B	ACKHOE HYDRAULICS (inc Valves and Load	ler Lines) (Cont.)	
L	450-8512	HYDRAULICS, GP, 6FCN/8BNK	0	\$1,430
L	450-8513	HYDRAULICS, MP, 4FCN/6BNK		\$1,190
L	450-8514	HYDRAULICS, MP, 5FCN/7BNK	WITH A GP BUCKET	\$1,955
L	450-8515	HYDRAULICS, MP, 6FCN/8BNK	0	\$2,690
H	<i>YDRAULIC</i> S	S FOR MACHINES WITH PILOT CONTROLS		
L	450-8516	HYDRAULICS GP, 4FCN/6BNK, PT	0	\$4,980
L	450-8518	HYDRAULICS GP, 5FCN/7BNK, PT		\$5,690
L	450-8519	HYDRAULICS GP, 6FCN/8BNK, PT		\$6,410
L	450-8520	HYDRAULICS MP, 4FCN/6BNK, PT		\$6,180
L	450-8521	HYDRAULICS MP, 5FCN/7BNK, PT  FOR USE WITH: MP BUCKETS or as an AUX VALVE CANNOT BE USED WITH: E-STICK IF AUX LINES AF	WITH A GP BUCKET	\$6,930
L	450-8522	HYDRAULICS MP, 6FCN/8BNK, PT	0	\$7,660
N	Must select w	L BACKHOE CONTROLS hen ordering MECHANICAL hydraulics. and cannot be used with) PILOT hydraulics.		
L	398-2497	CONTROLS, EXCAVATOR PATTERN Left hand: Stick and Swing; Right hand: Boom and B		\$201
L	398-2496	CONTROLS, BACKHOE PATTERN Left hand: Boom and swing; Right hand: Stick and be	0	NC
P	Must select or Please see the	ROLS/STANDARD STICK - BACKHOE AUXILA ne when ordering PILOT hydraulics with a STANDARD St e Optional Attachments/Hydraulics section for s on all other machines.		
L	450-8498	CONTROL, PILOT,S/STK, NO LINES		NC
L	450-8771	NO BACKHOE LINES.  LINES, COMB AUX, PILOT, STD STK	0 LS & 5 or 6 FCN HYDRAI	<b>\$3,500</b> ULICS

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

### **ELECTRICAL**

#### 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	PRODUCT LINK, SATELLITE PL631E	\$311 NET
		8	
L	447-0049	PRODUCT LINK, CELLULAR, PL641I 0	NC
		PL641 uses GSM and CDMA 3G 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.	
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#### OPERATOR ENVIRONMENT

### CAB/ CANOPY

L	450-8677	CANOPY, BASE	0	NC
L	450-8680	CAB, STANDARD	0	\$7,150

## **WORKING LIGHTS**

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

## **SEATING**

L	433-4804	<b>SEAT, VINYL</b>	NC
		FOR USE WITH: OPEN CANOPY	

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
OPEF	RATOR ENV	IRONMENT (CONT.)		
S	EATING (C	ont.)		
L	433-4805	SEAT, FABRIC	0	\$515
S	EAT BELT			
L	206-1747	BELT, SEAT, 2" SUSPENSION	0	NC
L	206-1748	SEAT BELT, 3" SUSPENSION	0	\$109
	_	NTAL CONTROL ENCLOSED CABS ONLY		
L	450-8710	HEATER, T4		NC
L	450-8711	AIR CONDITIONER, T4	0	\$2,630
TIRES	S, RIMS, AI	ND 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 FIRESTONE

Р	418-7773	TIRES,12 16.5/19.5L-24, FS,2WD	\$1,725
		Front: Firestone 12/16.5, 10 ply, Duraforce DT NHS	
		Directional tire for heavy 2WD truck loading.	
		Heavy-duty sidewall and large curb rib for more stability	
		and puncture resistance.	
		Rear: Firestone 19.5L-24, 12ply, All Traction Utility	
		Directional tire provides excellent traction and flotation	
		characteristics. Shock-fortified nylon-cord body resists impacts,	
		cuts and punctures.	
		ONLY FOR USE WITH: TWO WHEEL DRIVE POWERTRAINS	

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
		ND WHEELS (CONT.)		
7	rwo wheel	DRIVE TIRES AVAILABLE FROM GOODYEA	R	
P	379-2160	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 comp Rear: Goodyear 19.5L-24 12 PR R4 IT525 Directional tire with solid performance on rock-hard Increased wear and performance on hard surfaces. FOR USE WITH: TWO WHEEL DRIVE POWERTRAINS	ound. ground.	\$1,035
F	OUR WHEEL	L DRIVE TIRES AVAILABLE FROM FIRESTON	<i>IE</i>	
P	282-3855	Front: Firestone 12.5/80-18 NHS (12ply) I-3 Super To Directional tire with low profile design that provides etraction and flotation. Tough sidewall for long wear. Rear: Firestone 21L-24 (16ply) R4 ATU (All Traction Directional tire provides excellent traction and flotatic characteristics. Shock-fortified nylon-cord body resis cuts and punctures.  Adds one inch of rear height with improved rear flotation on the control of t	Traction Loader. excellent Utility) on ts impacts, tion.	\$2,390
P	380-8961	TIRES, 12.5 80/19.5L-24, FS Front: Firestone 12.5/80-18, 12 ply, I-3 Super Tractic Directional tire with low profile design that provides extraction and flotation. Tough sidewall for long wear. Rear: Firestone 19.5L-24, ATU, 12PLY, 20 PITCH Directional tire provides excellent traction and flotatic characteristics. Shock-fortified nylon-cord body resis cuts and punctures. Designed for superior noise and cancellation.  ONLY FOR USE WITH: FOUR WHEEL DRIVE POW	ion excellent on its impacts, I vibration	\$2,010
F	OUR WHEEL	L DRIVE TIRES AVAILABLE FROM GOODYEA	I <i>R</i>	
P	379-2161	Front: Goodyear 12.5/80-1810 PR I-3 Sure Grip Lug Directional tire for good traction and long wear, provi wide, sturdy overlapping lugs.  Rear: Goodyear 19.5L-24 12 PR R4 IT525  Directional tire with solid performance on rock-hard Increased wear and performance on hard surfaces.	ided by	\$1,690
F	OUR WHEEL	L DRIVE TIRES AVAILABLE FROM MICHELIN	1	
Р	533-0488	TIRES, 340 80-18/500 70-24, MX  Michelin Power CL (Bias Ply) 12.5/80-18 12PR direct and 500/70-24 20PR (Bias ply) directional rear tires deliver high load capacity.  Provides excellent traction and floatation. Wide lugs plong life and hard surface grip.	tional front tire designed to	\$1,645

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### CATERPILLAR MACHINE PRICE LIST

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
TIRE	S, RIMS, AI	ND WHEELS (CONT.)		
F	OUR WHEEL	L DRIVE TIRES AVAILABLE FROM MICHELIN	(Cont.)	
P	533-2163	TIRES, 340 80R20/480 80R26, MX  Michelin 340/80-R20 XMCL radial directional front to 480/80R26 XMCL radial directional rear tires for exc on all types of ground, good wear resistance on hard surfaces. A taller and wider tire combination for supeclearance and floatation.  REQUIRES: 311-2230 STEERING STOP	ires and Michelin ellent traction abrasive	\$3,535
P	533-0479	TIRES, 340 80R18/500 70R24, MX  Michelin 340/80R18 BIBLOAD Radial multi-direction Michelin 500/70R24 BIBLOAD Radial multi-direction more contact on hard surfaces and smoother ride wit to wear and tear.	al front tires and al rear tires for	\$3,235
P	320-2384	TIRES, 340 80R18/500 70R24, MX Front: Michelin 340/80R18 XMCL 142A8 Directional tire designed to deliver high load capacity smooth wear and long life with superb grip in all type Rear: Michelin 500/70R24 XMCL 157A8 Directional tire designed for outstanding damage resi extremely long tire life, and high load capacity of cond ONLY FOR USE WITH: FOUR WHEEL DRIVE POW	, es of conditions. stance,oth litions.	\$3,110
S	TEERING ST	ТОР		
P	311-2230	Front axle steering stop limits the steering angle on 20- tire arrangements to prevent machine interference REQUIRES: 5332163 TIRES, 340 80R20/480 80R2	e.	\$10

## **OTHER ATTACHMENTS**

### **COUNTERWEIGHT**

### MINIMUM RECOMMENDED COUNTERWEIGHT

416F2 416F2 416F2 416F2 416F2 416F2	ST, 4WD, ST, 2WD, ST, 4WD, ST, 2WD, ST, 4WD, ST, 2WD,	RECOMMING Std Stick, GP Bucket Std Stick, GP Bucket Std Stick, MP Bucket Std Stick, MP Bucket E-Stick, GP Bucket E-Stick, GP Bucket E-Stick, MP Bucket E-Stick, MP Bucket	no cwt no cwt 1015 lbs 1015 lbs 530 lbs	
Р	337-9693	COUNTERWEIGHT, NONE	0	NC
Р	337-9694	COUNTERWEIGHT, 255 LBS	0	\$680
Р	337-9695	COUNTERWEIGHT, 530 LBS	0	\$895
P	337-9696	COUNTERWEIGHT, 1015 LBS	0	\$1,765

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Effective 02JAN2019 416F2 HRC-013

# 416F2 HRC

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
отн	ER ATTACH	HMENTS (CONT.)		
S	tabilizer Pac Select one	ds and Accessories		
	Select offe			
•	9R-1085	STABILIZER PADS, STREET	oes.	NC
•	9R-6007	STABILIZER PADS, FLIP-OVER		\$336
•	116-4942	STABILIZER PADS, GROUSER TYPE	1	\$ <b>-211</b>
BUC	KETS			
L	OADER BUG	CKETS		
•	325-5100	BUCKET, LOADER (NONE)	0	NC
•	337-7385	Ship with no loader bucket.  BUCKET-GP, 1.30 YD3, PO		\$3,231
1	337-7382	accept bolt-on teeth or cutting edge (not included). <b>BUCKET-GP</b> , <b>1.0 YD3</b> , <b>PO</b>		\$2,753
•	337-7436	BUCKET-MP, 1.3 YD3, PO, BRKTS  1.35 CYD (1.03CUM) SAE capacity Multi Purpose. Draccept bolt-on teeth or cutting edge (not included) REQUIRES: MP HYDRAULICS		\$6,911
C	UTTING ED	GE / TEETH		
•	9R-5321	CUTTING EDGE, TWO PIECE		\$331
•	9R-5866	Bolt-on reversible cutting edge for the Loader Bucket <b>TEETH</b>	61	\$389
В	If no coupler is If coupler is so not installed. Additional but	UCKETS & COUPLERS as selected hoe bucket should be ordered as installed. alected coupler should be installed and hoe bucket ackets may be ordered as not-installed from the a Optional section.		
P	175-7877	BUCKET, HOE, (NONE)		NC
•	219-3387	REQUIRED when no backhoe bucket or coupler is in BUCKET-HD, 24", 6.2 CFT		\$1,717 \$1,717 NI
•	254-8941	Includes 5 tooth tips.  BUCKET-HC SOIL, 24", 8.5 CFT	395 395	\$1,854 \$1,854 NI
•	219-3396	Includes 5 angle-down adapters and soil tooth tips.  BUCKET-HD ROCK, 24", 7.0 CFT	381	\$1,892 \$1,892 NI
		Includes 5 tooth tips.		. ,

NJ State Approved Co-op #65MCESCCPS

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
BUCK	KETS (CON	IT.)		
BA	ACKHOE B	UCKETS & COUPLERS (Cont.)		
Р	219-3381	BUCKET-SD, 24" 6.2 CFT	291 291	\$1,335 \$1,335 NI
P	219-3411	Includes 5 tooth tips. BUCKET-HD, 12", 2.8 CFT	238	\$1,457 \$1,457 NI
		12- wide, 0.1 CYD (0.078 CUM) capacity Includes 3 tooth tips and Pin set for 12" Buckets.		
Р	219-3386	BUCKET-HD, 18", 4.2 CFT	284	\$1,508 \$1,508 NI
P	212-8738	BUCKET-DC, 48", 13.0 CFT	0 453	\$2,757 \$2,757 NI
Р	247-1950	Ditch cleaning bucket BUCKET-HD, 24", 7.3 CFT PL	370 370	\$1,846 \$1,846 NI
P	444-7500	This Pin Lock bucket includes 5 tooth tips. ONLY FOR USE WITH: 222-7379 COUPLER, PIN I COUPLER, PG, MAN.D.LOCK, BHL F		\$2,090
		Mechanical quick coupler for backhoe buckets. (includes one set of pins and hardware to attach one	bucket)	
Р	544-1901	COUPLER, PIN LOCK, BL F  Manual coupler for dedicated Pin Lock backhoe work Includes mounting pins and hardware for attaching	tools.	\$1,528
P	485-5303	COUPLER, PG, HYD.D.LOCK,BHL-F	ouckets. TD-STK or	\$4,083
INST	RUCTIONS			
DE	ECAL PACI	KAGES		
Р	430-9944	INSTRUCTIONS, ANSI	0	NC
//V	STRUCTIO	NS AND OPERATION MANUALS		
	421-8926	SERIALIZED TECHNICAL MEDIA KIT Kit will include instructions and parts CD in the legal language, based on the shipping address. Any additional media such as a paper parts manual, kit, can be ordered through the media website. https://oos.midlandcorp.com/CAT/Default.aspx	lly required	NC

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USE REF LANE 2 / 3 OPTIONAL Ship Weight LIST PRICE lbs AT DEALER
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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'.

Bucket with 544-1901 Coupler

FOR USE WITH: 247-1950 BUCKET 24"

## **HYDRAULICS**

	RIDE CONTR	OL	
L	398-2680	RIDE CONTROL. 0 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.	\$1,490
	HYDRAULIC	QUICK DISCONNECT	
P	456-3390	COUPLING, OD, THREADED WITH CAPS	\$371 NI
	Thumbs & Tin Thumbs cannot selected to cor No additional to Tine from the the bucket and	ot be shipped without either bucket or coupler. les may only be ordered as full, installed packages. ot be ordered installed, less the tine. A Tine must be inplete the order. not installed tine allowed When ordering a BHL Thumb & Factory; insure that the correct tine is selected for d/or bucket/coupler combination. t tine is selected, the bucket and tine may not mate	
P	282-5409	THUMB, HYDRAULIC, NO TINE, BHL	\$5,500
P	221-4282	THUMB, TINE, A 1	\$417
P	221-4284	219-3381 BUCKET 24" OR 219-3387 BUCKET 24"  THUMB, TINE, A 2	\$417

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# 416F2 HRC

USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
HYD	RAULICS (	CONT.)		
T	HUMBS (C	ont.)		
P	221-4283	THUMB, TINE, A 3		\$417
P	221-4285	THUMB, TINE, A 4	MANUAL OR IYDR	\$417
P	281-6708	THUMB, TINE, A 5	MANUAL OR IYDR	\$417
В	ACKHOE H	YDRAULICS		
L	450-8771	LINES, COMB AUX, PILOT, STD STK		\$3,500
L	450-8772	FOR USE WITH: STANDARD STICK, PILOT CONT LINES, COMB AUX, PILOT, E-STK	0	\$3,500
L	398-2850	LINES, COMBINED AUX, STD STICK FOR USE WITH: STANDARD STICK & 5 or 6 FUN	0	\$3,500
L	398-2851	LINES, COMBINED AUX, E-STICK	0	\$3,500
ELEC	TRICAL			
N	AGNETIC E	BEACON		
Р	211-4292	BEACON, MAGNETIC MOUNT	0	\$231 NI
Р	433-0154	BEACON, MAGNETIC MOUNT, STROBE	0	\$342 NI
R	<i>ADIO</i>			
Р	540-2298	RADIO, FM BLUETOOTH	ohone.	\$550
R	ADIO READ	DY CANOPY HEADLINER		
L	398-2875	RADIO READY HEADLINER, CANOPY		\$499
F	ACE 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
ELEC	TRICAL (C	ONT.)		
	ECURITY KI			
L	387-6570	SECURITY SYSTEM, KEYPAD	em to disable witch on until	\$499
Н	EAVY DUT	Y BATTERY		
L	457-2797	BATTERY, HEAVY DUTY	0	\$227
C	OLD WEAT	HER PACKAGES		
L	398-2882	COLD WEATHER PACKAGE, 120V HRC Provides additional battery and engine block heater radiator antifreeze (to -55 celsius), mounting for an elow temperature diesel fuel (to -30 celsius).	as well as ether bottle and	\$780
L	396-6505	The ether bottle is available seperately from Parts Di CANNOT BE USED WITH: HEAVY DUTY BATTERY of FUEL, COLD WEATHER	r COLD WEATHER FUEL	\$139 NET
GUA	RDS			
Р	423-7607	PLATE GROUP - BOOM WEAR	0	6016
P	353-1389	Bolt on guard prevents damage to boom.  GUARD, STABILIZER	0	\$216 \$835
ОТН	ER ATTACH	IMENTS		
F	ENDERS			
P	337-6851	FENDERS, FRONT	0	\$576
S	ERVICE FIL	TER PACK		
P	399-0118	SERVICE FILTER PACK, T4/C4.4	0	\$101 NI NET
		Please order as 'Not-Installed'. This pack includes: Transmission, Engine and Mach filters together with fuel water separator filter. NOTE: Only one pack per machine order.	ine hydraulic	NEI
E	XTERIOR RI	EAR VIEW MIRRORS		
P	382-2499	MIRRORS, EXTERNAL, BOTH SIDES	0	\$725

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
WOR	K TOOLS			
Н	Required if a	<b>QUICK COUPLER LINES</b> Hydraulic Quick Coupler has been selected. etion on other machines.		
P	450-8577	LINES, HYD COUPLER 14FT STD-STK	ller.	\$2,324
P	450-8578	LINES,HYD COUPLER 14FT E-STICK	ller.	\$2,324
В	UCKET PIN	S		
P	318-9902	PINS, SPARE	L, DUAL LOCK	\$175
FLUII	DS			
C	OLD WEAT	HER FUEL		
L	396-6505	FUEL, COLD WEATHER		\$139 NET

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# 416F2 HRC

USE REF NO. LANE 2 / 3 OPTIONAL Ship Weight LIST PRICE lbs AT DEALER

#### 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**

Р	468-7974	This kit's for converting from Excavator Control Pattern to	
P	468-7975	Backhoe Control Pattern.  KIT, CONTROLS, EXCAVATOR PTRN	\$533 NI
	RIDE CONTR	OL	
P	387-6450	KIT, RIDE CONTROL	\$1,454 NI

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# 416F2 HRC

**REF** Ship Weight LIST PRICE LANE 2 / 3 OPTIONAL **USE** NO. AT DEALER

## 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 P	468-7980 468-7979	KIT, HYD,COMBINED,14FT STD STK	\$3,332 NI EK \$3,332 NI
	FOR USE WIT	TH MACHINES WITH PILOT CONTROLS	
Р	468-7978	KIT, HYD,COMBINED,14FT STD STK	\$3,332 NI
Р	468-7977	FOR USE ON PILOT CONTROLLED MACHINES WITH STANDARD STICK KIT, HYD, COMBINED, 14FT E-STK	\$3,332 NI
	OTHER KITS		
Р	468-7970	KIT, LINES,HYD CPLR 14FT S-STK	\$1,724 NI
Р	468-7971	KIT, LINES,HYD CPLR 14FT E-STK	\$1,724 NI
Р	444-7500	COUPLER, PG, MAN.D.LOCK, BHL F	\$2,090 NI
P	361-1200	ONLY FOR USE WITH: CAT D, E & F Series Buckets or Work Tools.  COUPLER, PG, HYD, DUAL LOCK	\$4,046 NI
Р	387-6458	KIT, GUARD, STABILIZER CYLNDRS	\$828 NI

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER					
FIELD	FIELD INSTALLED ATTACHMENTS (CONT.)								
0	OTHER KITS (Cont.)								
P	442-9566	KIT, HOE, COUPLING O-DISCON		\$363 NI					
P	482-1308	KIT, SECURITY KEYPAD	\$493 NI						
P	387-6472	KIT, FENDER, FRONT	machine.	\$571 NI					
A	AVAILABLE FROM PARTS DISTRIBUTION								
Please see the WT-BHL price list for other items available from Parts Distribution									
PACI	KING								
S	HIPPING								
	0P-0210	PACK, DOMESTIC TRUCK	th America	NC					
	461-6839	SHIPPING/STORAGE PROTECTION	hipping and papy water prior v, machines	\$203 NET					
	462-1033	RUST PREVENTATIVE APPLICATOR	ed for	\$108 NET					
	0G-3280	Required for all machines for USA, Canada & Sout PACK, MISCELLANEOUS MATERIAL		\$212 NET					
	0G-8010	PACKING, PHYTO-SANITARY WOOD	th this shipment naterial	NC					
Use the reference below when ordering miscellaneous field installed kits via CMOPS to transfer to ANTARES.									
	0P-2162	PACKING, KIT	0	NC					

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