



Current Date 16Nov2018

470G LC FT4 EXCAVATOR

HYDRAULICS:

Open Center, Load Sensing
with Variable Displacement
PumpsHydraulic Pilot Controls
Axial Piston Swing Motor
Multiple Wet Disk Swing
BrakeAuxiliary Valve Section
Adjustable Flow for
Attachments Through
MonitorBoom and Arm Reduced
Drift ValvesMechanical Pattern changer
Hydraulic Tank Site Gauge
4,000 Hour Hydraulic Oil
Change Interval

UNDERCARRIAGE:

Two Speed Propel with
Auto-ShiftAxial Piston Propel Motors
Propel Motor Shields
Planetary Final Drives
Sealed and Lubricated
Track ChainFront and Center Track
GuidesX-Frame Car Body
Hydraulic Track Adjuster
Nine Lower Rollers
Three Upper Rollers
Spring Applied Hydraulic
Released Propel Brake

UPPER STRUCTURE:

Right and Left Mirrors
Toolbox

Vandal Locks for:

Cab Door
Service Doors
Fuel Cap
Tool Box

Work Lights:

One Mounted on Frame
Two Mounted on BoomTwo Mounted on Cab
Debris Screen in Side Panel

Remote Mounted Engine Oil
Filter

FRONT ATTACHMENT:

Centralized Lubrication
System
Dirt Seals on Bucket Pins
Less Boom
Less Arm
Less Bucket

OPERATOR'S STATION:

Adjustable Control Positions
(Levers to Seat, Seat to
Pedals)
4" Arm Rests Attached to
Side Consoles
Pilot Control Shut-Off LeverShort Stroke, Low Effort
Pilot Levers
Deluxe Adjustable, Heated
Cloth Seat with Air
Suspension, Reclining
Backrest, Headrest, and
Adjustable Lumbar Support
Multifunction, Color LCD
Monitor System with:
Diagnostic Capability
Systems Monitoring
Capability
Multiple Language
CapabilityMaintenance Tracking
Engine Coolant
Temperature Gauge
Engine Coolant
Temperature Warning
Indicator with Audible
Alarm
Engine Oil Pressure
Warning Indicator with
Audible Alarm
Fuel Gauge with Low Fuel
IndicatorWork Mode Indicator
Auto Idle Indicator
Auto Shut Down Indicator
Alternator Charge IndicatorAir Filter Restriction
IndicatorFault Code Alert Indicator
Check Engine Indicator
Wiper Mode Indicator
Work Lights On Indicator
Fuel Rate Display
Clock

Hour Meter

Mode Selection:

One Work Mode
Three Power Modes
Boom ModeNumerous Attachment
ModesAuto-Climate Control/Air
Conditioner, Heater with
Pressurizer

AM-FM Radio

Rear View Camera

Machine Information Center
(MIC)Windshield Wiper/Washer
with Intermittent Speed

12V-60W, 5 Amp Cell

Phone Power Outlet

2 In. Retractable Seat Belt

Tinted Safety Glass

Hot/Cold Box Compartment

Horn

Two Cup Holders

Interior Light

Coat Hook

Floor Mat

Motion Alarm with Cancel
Switch

Transparent Tinted Roof

Hatch with Sunshade

Easy Access Air

Conditioning Filter

Required - *You must select one from each category*

▼ BASE MACHINE

F.O.B Kernersville, North Carolina for Complete Machine.
See DEALER-INSTALLED ATTACHMENT section for additional source notes.

Description	Code	Price
470G LC FT4 EXCAVATOR	02Y1FF	\$481,003.00

▼ ENGINE

Description	Code	Price
Engine Stage IV Emissions	1095	\$14,852.00

John Deere PowerTech PSS 13.5L
367 Net Rated hp (ISO 9249)
Turbocharger
Charge Air Cooler
Auto-Idle System
Cool-on-Demand Hydraulic-Driven Fan
Hydraulic Fan Reverser
Antifreeze Protection to -34F (-37C)
Enclosed Fan Guard
Dual Element Dry-type Air Filter with Restriction Indicator
Full Flow Oil Filter
Fuel Filters with Water Separators
Heavy Duty, Low Maintenance Batteries
100-Amp Alternator - 24 Volt
500 Hour Engine Oil Change Interval

▼ OPERATOR'S MANUAL AND DECALS

Non-English Operator's Manuals
Translated Customer Delivery Packets can be ordered using the John Deere Technical Information Bookstore at <http://www.johndeeretechno.com> at no charge. The Translated Delivery Packets include the Operator Manual, Decal Kit, Warranty Information Booklet, and Uptime Maintenance Planner. Search for and order the Translated Delivery Packets by model and language that meets your customer requirements. A listing of all Translated Delivery Packets available can be found by selecting Translated Delivery Packets from the Manual Type dropdown list. Technical support is available by calling 1-866-213-3373.

Description	Code	Price
English Customer Delivery Packet	1600	No Added Cost

▼ MACHINE CONNECTIVITY

Machine connectivity functions require cellular coverage. Usage of JDLink /ZXLINK System requires customer's acceptance of the terms of the John Deere Telematics System Contract.

Option availability limited by specific geographical regions. Please refer to region specific price pages for appropriate ordering codes.

Description	Code	Price
JDLink Ultimate Cellular - 5 Years	170C	No Added Cost

Includes JDLink hardware: integrated cab wiring harness, antenna, 4G LTE modular telematics gateway (MTG), Wi-Fi data transfer, Blue Tooth capability and JDLink Ultimate activation.

JDLink utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLink hardware to restore functionality.

Includes 5 year subscription. Annual subscription renewal required after 5 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to www.StellarSupport.com to renew or update JDLink subscriptions. Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software agreements available at www.JohnDeere.com/Agreements. If these terms and conditions are not agreeable do not proceed and do not use the service.

TRACK SHOES		
Description	Code	Price
Triple Semi-Grouser Shoes	3350	No Added Cost
900 mm (36 In.) Recommended for general conditions and soft terrain.		

BOOM		
Description	Code	Price
Less Boom	6801	No Added Cost
Includes Boom Cylinder. Includes Pin Connecting Boom to Mainframe and the Two Boom Cylinder Pins. The "Hydraulic Filter Restriction Indicator" in DEALER-INSTALLED ATTACHMENTS is recommended.		
Mass Excavating (ME) Boom with Arm Cylinder and Plumbing	6840	\$72,377.00
6.3M (20 ft 8 in) One Piece Requires code 7275, Mass-Excavating (ME) Arm. Check availability, may require long lead time.		
HD Boom with Arm Cylinder and Plumbing	6940	\$73,754.00
7.0 M (23 ft.) Similar to the Heavy-Duty Boom on Previous Series		

GRADE READY/GRADE GUIDANCE		
Description	Code	Price
Less Grade Reference Ready Mounts	7901	No Added Cost
Grade Reference Ready Mounts	7920	\$1,700.00
3.4M Arm Includes mounting points on link, arm, boom, upperstructure, and counterweight for grade reference sensors. Sensors, manufacturing specific mounts, wiring harness, and monitor provided by OEM suppliers.		
Grade Reference Ready Mounts	7930	\$1,700.00
3.9M Arm Includes mounting points on link, arm, boom, upperstructure, and counterweight for grade reference sensors. Sensors, manufacturing specific mounts, wiring harness, and monitor provided by OEM suppliers.		

ARM		
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Description	Code	Price
Less Arm, Bucket Cylinder, Bucket Linkage and All Attaching Pins and Hoses	7001	No Added Cost
Hydraulic Filter Indicator Recommended. Requires code 8001, Less Buckets.		
Arm with Bucket Cylinder and Linkage	7180	\$35,377.00
3.4 M (11 ft. 2 in.) Recommended for hammer or high density material applications.		
Mass Excavating (ME) Arm with Bucket Cylinder and Linkage	7275	\$40,462.00
2.9 M (9 ft. 6 in.) Compatible with code 6940, HD Boom with Arm Cylinder and Plumbing.		
Arm Assembly w/ Bucket Cylinder & Linkage	7250	\$35,630.00
3.9 M (12 ft. 10 in.)		
Arm with Bucket Cylinder and Linkage	7285	\$35,865.00
4.9 M (16 ft. 1 in.) Requires Long Lead Time, check with your dealer for availability. Will not accept 450 buckets due to the pin diameters. Use 350-size buckets.		

▼ AUXILIARY HYDRAULICS

Description	Code	Price
Less Auxiliary Hydraulics	7401	No Added Cost
Auxiliary High-Flow Hydraulic Lines Only	7450	\$14,309.00
Includes Combination piping Requires a control circuit such as a foot controller or the standard right-hand control handle with (2) switches. Also order a solenoid kit. for 3.4 M Arm		
Auxiliary High-Flow Hydraulic Lines Only	7460	\$14,309.00
Includes Combination piping for 3.9 M Arm Requires a control circuit such as a foot controller or the standard right-hand control handle with (2) switches. Also order a solenoid kit.		

▼ MAIN FRAME

Description	Code	Price
Modified Mainframe and Counterweight	2625	No Added Cost
Will accept counterweight removal device.		
Modified Mainframe and Counterweight with Counterweight Removal Device	2650	\$9,113.00

▼ BUCKETS

All Heavy-Duty and Severe-Duty Buckets come standard with TK-Series Fanggs Teeth.

Description	Code	Price
Less Bucket	8001	No Added Cost
Includes bucket mounting pins.		
Heavy-Duty, High-Capacity Bucket	8360	\$20,960.00
60 In. (1525 mm), 3.17 Yd3 (2.42 M3) Includes Six (6) John Deere TK-Series Fanggs Teeth (TK550FD).		
Heavy-Duty, High-Capacity Bucket	8380	\$22,595.00
72 In. (1830MM) 3.97 Yd3 (3.04 M3) Includes Six (7) John Deere TK-Series Fanggs Teeth (TK550FD).		

Optional - *Select as desired*

EXHAUST

Description	Code	Price
Chrome Exhaust	9700	\$462.00



HEATER

Description	Code	Price
Engine Block Heater	9015	\$243.00



ENGINE FAN

Description	Code	Price
Single Pedal Propel	9180	\$2,209.00



FILTER

Description	Code	Price
Fuel Filter, Severe-Duty	9060	\$172.00
Engine Air Centrifugal Pre-Cleaner	9070	\$617.00

Recommended for harsh conditions



ETHER STARTING AID

Description	Code	Price
Ether Start Aid	9030	\$340.00



UNDERCARRIAGE

Description	Code	Price
Track Frame Undercover	9160	\$629.00



SEAT

Description	Code	Price
Seat, Premium Leather - Thermal Heating and Active Cooling	9135	\$2,671.00

Active heating and cooling
- Air suspension
- High seat back

- 3-way adjustability
- High visibility orange 3 inch seat belt

ATTACHMENTS FOR FIELD CONVERSION

F.O.B. Dubuque, Iowa for dealer-installed kits, except where noted. Some of the following kits may require additional parts for a complete installation. Prior to ordering, check the installation instructions by going to www.johndeere.com and clicking on Library, or by clicking on this Hyperlink ([Installation Bulletin Search](#)), and insert the AT number to retrieve the attachment installation instruction bulletin for additional parts.

Exception to above note is FRONTIER Dealer Installed Kits.

All attachments are sold as a quantity of one.

Description	Code	Price
Buckets, Heavy-Duty		
42 In (1067 mm), 1.74 yd ³ (1.33 M ³) Heavy-Duty Bucket	AT395868	\$10,519.00
Includes Four (4) John Deere TK-Series Fanggs (TK550).		
48 In (1219 mm), 2.07 yd ³ (1.58 M ³) Heavy-Duty Bucket	AT395869	\$11,371.00
Includes Five (5) John Deere TK-Series Fanggs (TK550)		
54 In (1372 mm), 2.41 yd ³ (1.84 M ³) Heavy-Duty Bucket	AT395870	\$12,092.00
Includes Five (5) John Deere TK-Series Fanggs (TK550)		
60 In (1524 mm), 2.75 yd ³ (2.10 M ³) Heavy-Duty Bucket	AT395871	\$12,800.00
Includes Six (6) John Deere TK-Series Fanggs (TK550)		
66 In (1676 mm), 3.09 yd ³ (2.36 M ³) Heavy-Duty Bucket	AT395872	\$13,443.00
Includes Six (6) John Deere TK-Series Fanggs (TK550)		
72 In (1829 mm), 3.44 yd ³ (2.63 M ³) Heavy-Duty Bucket	AT395873	\$14,232.00
Includes Seven (7) John Deere TK-Series Fanggs (TK550)		
72 In (1829 mm), 4.01 yd ³ (3.07 M ³) Truck-Loading Bucket	AT395874	\$20,045.00
Includes Six (6) John Deere TK-Series Fanggs (TK550)		
Buckets, Heavy-Duty, High-Capacity		
48 In (1219 mm), 2.37 yd ³ (1.81 M ³) Heavy-Duty, High-Capacity Bucket	AT395875	\$17,920.00
Includes Five (5) TK-Series Fanggs (TK550)		
54 In (1372 mm), 2.76 yd ³ (2.11 M ³) Heavy-Duty, High-Capacity Bucket	AT395876	\$18,794.00
Includes Five (5) TK-Series Fanggs (TK550)		

60 In (1524 mm), 3.17 yd ³ (2.42 M ³) Heavy-Duty, High-Capacity Bucket	AT395877	\$19,379.00
Includes Six (6) TK-Series Fanggs (TK550)		
66 In (1676 mm), 3.57 yd ³ (2.73 M ³) Heavy-Duty, High-Capacity Bucket	AT395878	\$20,097.00
Includes Six (6) TK-Series Fanggs (TK550)		
72 In (1829 mm), 3.97 yd ³ (3.04 M ³) Heavy-Duty, High-Capacity Bucket	AT395879	\$20,923.00
Includes Seven (7) TK-Series Fanggs (TK550)		
<u>Buckets, Side Cutters</u>		
Side-Cutter Kit, 6 inch	AT342513	\$628.00
<u>Guards</u>		
Cab FOPS Guard	AT419609	\$4,326.00
FOPS Level II, ISO 10262 Certified		
<u>Hydraulic Couplers</u>		
Hydraulic Quick Coupler	AT452021	\$11,874.00
Installation Charge for Hydraulic Coupler	AT345608	\$1,360.00
Installation Charge Order also requires attachment part number, SHIP-TO address for Paladin Custom Works, AND reference related machine order number. The related machine order must reference the attachment order number. Order code available only for Kernersville, North Carolina installations.		
<u>Hydraulic Thumb Kits</u>		
<u>Please click on the following link to access the freight rate tables.</u>		
Hydraulic Thumb Kit, Progressive	AT379664	\$14,130.00
Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.		
Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.		
For use with pin on bucket.		
Hydraulic Thumb Kit, Progressive for Couplers	AT379665	\$14,130.00
Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.		
Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.		
For use with coupler and coupler bucket.		
<u>Hydraulics</u>		
Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder	AT338257	\$3,531.00

Boom Anti-Drift Kit	AT316251	\$3,926.00
Installation Instruction T217533		
Control Handle for Auxiliary Hydraulics, Left-Hand	AT327652	\$515.00
Requires control solenoid for either 1-way or 2-way auxiliary hydraulics. Recommended for use with auxiliary hydraulic lines.		
Control Solenoids for 2-Way Auxiliary Hydraulics	AT330567	\$784.00
Monitor can be used to control hydraulic flow. Can be used with either right-hand or left-hand control handle.		
Foot Control, Two-Way Hydraulics	AT437218	\$1,970.00
High-Flow Auxiliary Hydraulic Lines for 3.9 M Arm	BYT10125	\$12,534.00
Hydraulic Filter Restriction Indicator Kit	AT327632	\$774.00
This kit is recommended when the excavator will be equipped with front attachment such as crushers, thumbs, hammers, log loaders, etc.		
Single Pedal Propel Kit	AT390776	\$2,080.00
<u>Operator Environment</u>		
Guard, Lower Front Window ISO Level II	AT390824	\$1,191.00
Guard, Upper Front Window ISO Level II	AT390823	\$1,502.00
Mechanical Pattern Changer	AT461092	\$1,327.00
Stereo adapter for phone or music device.	ETN93549	\$220.00
<u>Overall Vehicle</u>		
Vandal Cover Kit	AT390721	\$2,964.00