

**JOHN DEERE**

Current Date 06Jan2021

160G LC FT4 EXCAVATOR**HYDRAULICS:**

Open Center, Load Sensing
with Variable Displacement
Pumps
Hydraulic Pilot Controls
Axial Piston Swing Motor
Multiple Wet Disk Swing
Brake
Auxiliary Valve Section
Adjustable Flow for
Attachments Through
Monitor
Boom and Arm Reduced Drift
Valves
Power Boost
Auto Power Lift
Hydraulic Tank Site Gauge
5,000 Hour Hydraulic Oil
Change Interval
Hydraulic Oil Sampling Valve
Inline DEF Filter
UNDERCARRIAGE:
Two Speed Propel with Auto-
Shift
Axial Piston Propel Motors
Propel Motor Shields
Planetary Final Drives
Sealed Track Chain
Front and Center Track
Guides
Provisions for Tie Downs
X-Frame Car Body
Hydraulic Track Adjuster
Seven Lower Rollers
Two Upper Rollers
Spring Applied Hydraulic
Released Propel Brake
UPPER STRUCTURE:
Right, Left Mirrors(2)
Toolbox
Vandal Locks for:
Cab Door
Service Doors
Fuel Cap
Tool Box
Counterweight, 7,055 lbs.
(3,200 kg)

Debris Screening Side Panel
Remote Mounted Engine Oil
and Fuel Filters

FRONT ATTACHMENT:

Oil Impregnated Bushings
Reinforced Resin Thrust
Plates
Tungsten Carbide Thermal
Coating on arm to Bucket
Joint
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 Lever
Short Stroke, Low Effort Pilot
Levers
Switches for Auxiliary
Hydraulic Control on RH Pilot
Lever
Deluxe Adjustable Cloth Seat
with Suspension, Reclining
Backrest,
Headrest, and Adjustable
Lumbar Support
Multifunction, Color LCD
Monitor System with:
Diagnostic Capability
Systems Monitoring
Capability
Multiple Language Capability
Maintenance Tracking
Engine Coolant Temperature
Gauge
Engine Coolant Temperature
Warning Indicator with
Audible Alarm

Fuel Gauge with Low Fuel
Indicator
Diesel Exhaust Fluid Gauge
Work Mode Indicator
Auto Idle Indicator
Alternator Charge Indicator
Air Filter Restriction
Indicator
Fault 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
Numerous Attachment
Modes
Auto-Climate Control/Air
Conditioner, Heater with
Pressurizer
AM-FM Radio
Control Pattern Changer
Rear View Camera
Machine Information Center
(MIC)
Windshield Wiper/Washer
with Intermittent Speed
12V-60W, 5 Amp Cell Phone
Power Outlet
3 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
Four Fluid-Filled Elastic
Mounts

Work Lights:	Engine Oil Pressure Warning	Easy Access Air Conditioning
One Mounted on Frame	Indicator with Audible Alarm	Filter
One Mounted on Boom		

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
160G LC FT4 EXCAVATOR	05Q1FF	\$186,587.00

 **ENGINE**

Description	Code	Price
Engine Stage IV Emissions	1095	\$18,645.00

John Deere PowerTech PWS 4.5L
121 Net Rated hp (ISO 9249)
Turbocharger
Charge Air Cooler
Electronic Engine Control Unit
Auto-Idle System
Cool on Demand Hydraulic Driven Fan
Antifreeze Protection to -34F (-37C)
Enclosed Fan Guard
Dual Element Dry-type Air Filter with Restriction Indicator
Full Flow Oil Filter
Double Fuel Filter
Water Separator
Automatic Belt Tension Device
Glow Plug Start Aid
Heavy Duty, Low Maintenance Batteries (180 Minute Reserve)
100-Amp Alternator - 24 Volt
500 Hour Engine Oil Change Interval
Engine Oil Sampling Valve

 **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.johndeereotechinfo.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

English Decals and Customer Delivery Packet

 **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 - 5 Year Subscription	170C	No Added Cost

Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all Ultimate Connectivity features Wireless Data Transfer (WDT) enabling automatic data transfer from TimberMatic and Waratah H16 Measuring Systems to TimberManager and MyJohnDeere, supporting TimberOffice 5 Software. Additionally, Ultimate now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications. 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
600 mm (24 In.) Triple Semi-Grouser Shoes	3200	No Added Cost

Recommended for rocky terrain, hard ground and stumps.

700 mm (28 In.) Triple Semi-Grouser Shoes	3250	\$1,144.00
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Recommended for general conditions and soft terrain.

SEAT

Description	Code	Price
Seat, Standard Mechanical	4125	No Added Cost

Seat, Heated Air-Suspension	4130	\$1,366.00
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Seat, Premium Leather Thermal Heating and Active Cooling	4135	\$2,731.00
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Active heating and cooling
Air suspension
High seat back
3-way adjustability
High visibility orange 3 inch seat belt

BOOM

Description	Code	Price
	6801	No Added Cost

Less Boom

Excludes Arm Cylinder, Boom Cylinders and Plumbing on Boom.
Includes Pin Connecting Boom to Mainframe and the Two Boom Cylinder Pins.
Requires code 7001, "Less Arm".
The "Hydraulic Filter Restriction Indicator" in DEALER-INSTALLED ATTACHMENTS is recommended

One Piece Boom with Arm Cylinder and Plumbing	6835	\$16,263.00
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ARM**Description**

Less Arm, Bucket Cylinder, Bucket Linkage and All Attaching Pins and Hoses

Code**Price**

7001 No Added Cost

Hydraulic Filter Indicator Recommended. Requires code 8001, Less Buckets.

Arm with Bucket Cylinder and Linkage	7115	\$11,075.00
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2.6 M (8 ft. 6 in.)

Arm with Bucket Cylinder and Linkage	7180	\$12,647.00
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3.1 M (10 ft. 2 in.)

AUXILIARY HYDRAULICS**Description**

Less Auxiliary Hydraulics

Code**Price**

7401 No Added Cost

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7420	\$7,608.00
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Includes Combination piping for 2.6 M Arm (8 ft. 2 in.)

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7430	\$7,765.00
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Includes Combination piping for 3.1 M Arm

Auxiliary High-Flow Hydraulic Lines Only	7440	\$5,522.00
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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 2.6 M Arm

Auxiliary High-Flow Hydraulic Lines Only	7450	\$5,679.00
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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 3.1 M Arm

Auxiliary High-Flow Hydraulic Lines w/ AFL (Electronic Proportional Control, Pilot Level Mounted)	7490	\$8,631.00
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Includes Combination piping
for 2.6 M Arm

Auxiliary High-Flow Hydraulic Lines w/ AFL (Electronic Proportional Control, Pilot Level Mounted)	7495	\$8,787.00
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Includes Combination piping
for 3.1 M Arm

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 Bucket	8432	\$7,026.00
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36 In. (914 mm), 0.81 Yd3 (0.62 M3)
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).

Heavy-Duty Bucket	8442	\$7,568.00
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42 In. (1067 mm) 0.99 Yd3 (0.76 M3)
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).

Heavy Duty Bucket	8462	\$8,176.00
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48 In. (1220 mm) 1.22 Yd3 (0.93 M3)
Includes Six (6) TK350 Series Teeth

Optional - Select as desired

HEATER

Description	Code	Price
Engine Block Heater	9015	\$248.00

FILTER

Description	Code	Price
Fuel Filter, Severe-Duty	9060	\$175.00

ENGINE FAN

Description	Code	Price
Automatic Reversing Cooling Fan	9115	\$1,656.00

Single Pedal Propel	9180	\$2,259.00
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Additional pedal for tracking both tracks simultaneously in the same direction

EXHAUST

Description	Code	Price
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Chrome Exhaust	9700	\$408.00
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▼ SHIPPING PREPARATION

Description	Code	Price
Special Export Preparation-- Do not install front for shipping	9803	No Added Cost
For Export Containerization		

▼ LIGHT PACKAGE

Description	Code	Price
Light Package	9150	\$2,258.00
All exterior machine lights are LED 2 Front Cab lights, 1 Rear Cab light, 1 Toolbox Light, 1 Under Engine Hood Light, 1 Left hand and 1 Right hand Boom Lights		

▼ BOOM CYLINDERS

Description	Code	Price
Boom Cylinders with Plumbing to Main Frame	9010	\$6,093.00

▼ ATTACHMENTS FOR FIELD CONVERSION

Description	Code	Price
<u>Buckets, Heavy-Duty</u>		
24 In (610 mm), 0.47 yd3 (0.36 M3) Heavy-Duty Bucket	BYT11152	\$4,328.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK350FD). Not compatible with Progressive Hydraulic Thumb.		
30 In (762 mm), 0.64 yd3 (0.49 M3) Heavy-Duty Bucket	BYT11153	\$4,647.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK350FD). Not compatible with Progressive Hydraulic Thumb.		
36 In (914 mm), 0.81 yd3 (0.62 M3) Heavy-Duty Bucket	BYT11154	\$5,070.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).		
42 In (1067 mm), 0.99 yd3 (0.76 M3) Heavy-Duty Bucket	BYT11155	\$5,298.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD)		
48 In (1220 mm), 1.17 yd3 (0.89 M3) Heavy-Duty Bucket	BYT11156	\$5,738.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK350FD).		
<u>Buckets, Side Cutters</u>		
Edge Protector Kit	AT342511	\$624.00

Side-Cutter Kit, 3 inch	AT342512	\$647.00
<u>G.R.Mfg.</u>		
Counterweight, Bottom Mount, 1500 lbs.	AT430878	\$4,560.00
Counterweights are painted yellow		
Front Window Guard, Polycarbonate	ETN210311	\$2,596.00
Rear Work Lights Package	AT430784	\$1,284.00
Slant Top Rub Rails	AT430874	\$1,783.00
<u>Guards</u>		
Cab FOPS Guard	AT390802	\$3,104.00
FOPS Level II, ISO 10262 Certified		
<u>Hydraulic Couplers</u>		
Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit	AT452017	\$8,072.00
Includes non-variable hydraulic quick coupler with hydraulic and electrical control components		
Hydraulic Quick Coupler (Variable-type Pin-Grabber) - Coupler Only	BYT11626	\$8,627.00
Coupler kit ONLY. Includes coupler, jumper hoses, and one set of dead pins. Controls components NOT included. Also purchase Controls Kit BYT11627. Not compatible with hydraulic thumb AT379644, AT379645, AT379646, or AT379647.		
Hydraulic Quick Coupler Controls Kit, (Variable-type Pin-Grabber) - Controls Kit Only	BYT11627	\$1,536.00
Controls kit ONLY. Includes hydraulic control components, electrical control components and components to manifold on end of arm. Does not include hydraulic quick coupler - also purchase BYT11626. May not be required if replacing existing hydraulic quick coupler.		
Installation Charge for Hydraulic Quick Coupler	AT345608	\$1,401.00
When ordering Hydraulic Quick Coupler (Variable-type Pin-Grabber) must order both Coupler and Controls attachment kits. 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>		
Deere/Hitachi Hydraulic Thumb Installation	AT339844	\$1,987.00

Labor for installation of Deere/Hitachi thumb at Paladin Customworks
Kernersville, NC.

Hydraulic Thumb Kit, Direct	AT379644	\$8,551.00
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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.
Not compatible with couplers.

Hydraulic Thumb Kit, Direct for Couplers	AT379645	\$8,551.00
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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.
Not compatible with Hydraulic Quick Coupler (Variable-type Pin-
Grabber) BYT11626.

Hydraulic Thumb Kit, Progressive	AT379646	\$10,637.00
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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.
Only available for the following arm lengths:
160 3.1M (10'2")
Not compatible with couplers.

Hydraulic Thumb Kit, Progressive for Couplers	AT379647	\$10,637.00
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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.

Only available for the following arm lengths:
160 3.1M (10'2")
Not compatible with Hydraulic Quick Coupler (Variable-type Pin-
Grabber) BYT11626.

Hydraulics

Auxiliary Hydraulic Lines for 3.1 M Arm for 160G	AT415228	\$4,629.00
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Control Handle for Auxiliary Hydraulics, Left-Hand	AT327652	\$530.00
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Requires control solenoid for either 1-way or 2-way auxiliary hydraulics.
Recommended for use with auxiliary hydraulic lines.

Control Solenoid for 1-way Auxiliary Hydraulics with Foot Switch	AT446154	\$960.00
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Does not use the monitor for flow control.
Does not require solenoids for auxiliary hydraulics.
Includes foot switch, solenoid, relays, wiring, and hoses.

Control Solenoids for 2-Way Auxiliary Hydraulics	AT445459	\$808.00
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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	AT390739	\$2,029.00
Hydraulic Filter Restriction Indicator Kit	AT445803	\$797.00
<u>Operator Environment</u>		
Exterior Work Lights Package	AT396663	\$748.00
Additional 2 Cab lights, with 1 Right hand Boom Light.		
Full Length Front Guards	BYT11141	\$1,547.00
<u>Overall Vehicle</u>		
Vandal Covers	BYT11005	\$3,053.00
After Serial # 57100		