

**JOHN DEERE**

Current Date 06Jan2021

300G 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
Auto Power Lift
Hydraulic Tank Site Gauge
5,000 Hour Hydraulic Oil Change Interval
Hydraulic Oil Sampling Valve
Inline DEF Filter

UNDERCARRIAGE:
32 In. (800 mm) Triple Grouser Shoes
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
Eight Lower Rollers
Two Upper Rollers
Spring Applied Hydraulic Released Propel Brake

UPPER STRUCTURE:
Right, Left and Counterweight Mirrors
Toolbox
Vandal Locks for:
Cab Door
Service Doors
Tool Box
Counterweight, 12346 lbs.

Debris Screening Side Panel
Remote Mounted Engine Oil and Fuel Filters
Handrails

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:
JDLink Ultimate Machine Monitoring System w/ 3-year Message Service
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 Oil Pressure 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
Rear view camera
Control Pattern Changer
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

(5,600 kg)	Engine Coolant Temperature	Four Fluid-Filled Elastic
Work Lights:	Warning Indicator with	Mounts
One Mounted on Frame	Audible Alarm	Easy Access Air Conditioning
One Mounted on Boom		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
300G LC FT4 EXCAVATOR	0A20FF	\$278,442.00

 ENGINE

Description	Code	Price
Engine Stage IV Emissions	1095	\$31,680.00

John Deere PowerTech PSS 6.8L
223 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
Underhood Diesel Particulate Filter with Curved Exhaust
Automatic Belt Tension Device
Glow Plug Start Aid
Heavy Duty, Low Maintenance Batteries
100-Amp Alternator - 24 Volt
500 Hour Engine Oil Change Interval
70% (35 degrees) Off Level Capability
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.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

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
700 mm (28 In.) Triple Semi-Grouser Shoes	3325	(\$1,221.00)

Recommended for general conditions and soft terrain.

Triple Semi-Grouser Shoes	3350	No Added Cost
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800 mm (32 In.)
Recommended for extremely 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
Less Boom	6801	No Added Cost

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	\$29,064.00
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GRADE READY/GRADE GUIDANCE

Description	Code	Price
Less Grade Reference Ready Mounts	7901	No Added Cost

Grade Reference Ready Mounts	7920	\$1,738.00
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3.1M 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	\$1,738.00
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3.75M 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

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	7160	\$14,317.00
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3.1 M (10 ft. 2 in.)

Arm with Bucket Cylinder and Linkage	7180	\$18,839.00
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Not recommended for impact (hammer) or high density material applications.
3.75 M (12 ft. 4 in.)

AUXILIARY HYDRAULICS

Description	Code	Price
Less Auxiliary Hydraulics	7401	No Added Cost

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7420	\$9,777.00
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Includes Combination piping for 3.1 M Arm (10 ft. 2 in.)

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7430	\$10,007.00
Includes Combination piping for 3.75 M Arm		
Auxiliary High-Flow Hydraulic Lines Only	7440	\$7,690.00
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 3.1 M Arm		
Auxiliary High-Flow Hydraulic Lines Only	7450	\$7,921.00
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 3.75 M Arm		
Auxiliary High-Flow Hydraulic Lines w/ AFL (Electronic Proportional Control, Pilot Level Mounted)	7490	\$10,800.00
Includes Combination piping for 3.1 M Arm (10 ft.. 2 in.)		
Auxiliary High-Flow Hydraulic Lines w/ AFL (Electronic Proportional Control, Pilot Level Mounted)	7495	\$11,030.00
Includes Combination piping for 3.75 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	8350	\$13,190.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD). 54 In. (1375 mm), 2.27 Yd3 (1.74 M3) Heavy-Duty Bucket		
Heavy-Duty Bucket	8420	\$10,312.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD). 36 In. (914 mm), 1.30 Yd3 (0.99 M3) Heavy-Duty Bucket		
Heavy-Duty Bucket	8430	\$11,164.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD). 42 In. (1067 mm), 1.59 Yd3 (1.22 M3) Heavy-Duty Bucket		
Heavy-Duty Bucket	8440	\$11,878.00
48 In. (1219 mm), 1.88 Yd3 (1.44 M3) Heavy-Duty Bucket Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).		

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	
Required outside the United States and Canada (required for Canada if equipped with Tier 3 engine).			
Engine Air Centrifugal Pre-Cleaner	9070	\$631.00	
Recommended for harsh conditions			
ENGINE FAN			
Description	Code	Price	
Automatic Reversing Cooling Fan	9115	\$1,726.00	
Features selectable intervals and manual override. For use in environments with airborne debris.			
Single Pedal Propel	9180	\$2,259.00	
Additional pedal for tracking both tracks simultaneously in the same direction			
EXHAUST			
Description	Code	Price	
Chrome Exhaust	9700	\$429.00	
SHIPPING PREPARATION			
Description	Code	Price	
Special Export Preparation-- Do not install front for shipping	9803	No Added Cost	
For Export Containerization			
UNDERCARRIAGE			
Description	Code	Price	
Track Frame Undercover	9160	\$643.00	
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	\$7,386.00
Boom Cylinders with Plumbing to Main Frame	9011	\$7,386.00

Requires 6801, Less Boom, and Code 7001, Less Arm.

For use with Super Long Fronts.

ATTACHMENTS FOR FIELD CONVERSION

Description	Code	Price
<u>Buckets, Heavy-Duty</u>		

36 In (914 mm), 0.97 yd ³ (0.74 M ³) Heavy-Duty Bucket	BYT11162	\$6,739.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD)

42 In (1067 mm), 1.19 yd ³ (0.91 M ³) Heavy-Duty Bucket	BYT11163	\$7,412.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).

48 In (1219 mm), 1.39 yd ³ (1.06 M ³) Heavy-Duty Bucket	BYT11164	\$7,978.00
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Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)

54 In (1372 mm), 1.61 yd ³ (1.23 M ³) Heavy-Duty Bucket	BYT11165	\$8,305.00
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Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)

60IN (1525MM) 2.09YD (1.60 M ³) HD Bucket Includes Seven (7) TK400 Series Teeth.	BYT11166	\$8,887.00
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Buckets, Side Cutters

Edge Protector Kit	AT342511	\$624.00
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Side-Cutter Kit, 3 inch	AT342512	\$647.00
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Side-Cutter Kit, 6 inch	AT342513	\$647.00
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G.R.Mfg.

Auxiliary Counterweight, 2250 lbs.	BYT11004	\$6,635.00
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Front Window Guard, Polycarbonate	ETN210311	\$2,596.00
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Guard, Slant Top Rub Rails	AT401260	\$1,965.00
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Guards

Cab FOPS Guard	AT390802	\$3,104.00
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FOPS Level II, ISO 10262 Certified

Hydraulic Couplers

Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit	AT452019	\$9,549.00
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Includes non-variable hydraulic quick coupler with hydraulic and electrical control components

Hydraulic Quick Coupler (Variable-type Pin-Grabber) - Coupler Only	BYT11631	\$12,488.00
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Coupler kit ONLY. Includes coupler, jumper hoses, and one set of dead pins.

Controls components NOT included. Also purchase Controls Kit

BYT11632 (250G/ZX) or BYT11633 (300G/ZX; 345G/ZX).

Not compatible with hydraulic thumb AT379652, AT379653, AT379654, or AT379655 (250G/ZX).

Not compatible with hydraulic thumb AT389951, AT389948, AT379658, or AT379659 (300G/ZX; 345G/ZX).

Hydraulic Quick Coupler Controls Kit, (Variable-type Pin-Grabber) - Controls Kit Only	BYT11633	\$1,536.00
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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 BYT11631.

May not be required if replacing existing hydraulic quick coupler.

Hydraulic Thumb Kit, Direct for Couplers	AT389949	\$9,993.00
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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) BYT11631.

Installation Charge for Hydraulic Quick Coupler	AT345608	\$1,401.00
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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.

Hydraulic Thumb Kits

Deere/Hitachi Hydraulic Thumb Installation	AT339844	\$1,987.00
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Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.

Hydraulic Thumb Kit, Direct	AT389951	\$9,993.00
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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, Progressive	AT379658	\$11,755.00
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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:
300/345 3.75M (12'4")
Not compatible with couplers.

Hydraulic Thumb Kit, Progressive for Couplers	AT379659	\$11,755.00
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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:
300/345 3.75M (12'4")
Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11631.

Hydraulics

Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder	AT327659	\$3,131.00
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For ZX350LC-3,ZX350LC-5,ZX380LC-5N machines also order the following parts:
AT332580 Hydraulic Hose
M44269 Spacer
T153064 Clamp
14M7415 Nut M12
24M7404 Washer (2 used)
4053698 Clamp
For 350DLC,350GLC,380GLC machines also order the following parts:
AT332580 Hydraulic Hose
M44269 Spacer
T153064 Clamp
14M7415 Nut M12
24M7404 Washer (2 used)
4053698 Clamp

Auxiliary Lines, High-Flow for 3.75 M Arm for 300G	AT442310	\$6,681.00
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Boom Cylinder Anti-Drift Valve with Plumbing and Hardware	AT453870	\$3,603.00
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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	AT446155	\$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, wiring, and hoses.

Control Solenoids for 2-Way Auxiliary Hydraulics	AT445467	\$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.

Hydraulic Filter Restriction Indicator Kit	AT445803	\$797.00
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Two-Pump Combined Flow Piping	AT327836	\$1,691.00
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For attachments that require additional hydraulic flow.

Operator Environment

Exterior Work Lights Package	AT396663	\$748.00
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Additional 2 Cab lights, with 1 Right hand Boom Light.

Full Length Front Guards	BYT11141	\$1,547.00
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Overall Vehicle

Vandal Covers	BYT11005	\$3,053.00
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After Serial # 30847

Powertrain & Cooling

Automatic Reversing Cooling Fan	AT453858	\$2,050.00
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Features selectable intervals and manual override.
For use in environments with airborne debris.
Installation time 2 hours.