



Current Date 03Jan2020

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
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.
(5,600 kg)

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 Coolant Temperature

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

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

Four Fluid-Filled Elastic

Mounts

Work Lights:
One Mounted on Frame
One Mounted on Boom
Debris Screening Side Panel

Warning Indicator with
Audible Alarm
Engine Oil Pressure Warning
Indicator with Audible Alarm

Easy Access Air Conditioning
Filter

Required - *You must select one from each category*



BASE MACHINE

F.O.B Kenersville, 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.johndeereinfo.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
---------------------------	------	---------------

Recommended for extremely soft terrain.
800 mm (32 In.)

SEAT

Description	Code	Price
Seat, Standard Mechanical	4125	No Added Cost

Seat, Heated Air-Suspension	4130	\$976.00
-----------------------------	------	----------

Seat, Premium Leather - Thermal Heating and Active Cooling	4135	\$2,731.00
--	------	------------

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
---	------	-------------

GRADE READY/GRADE GUIDANCE

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

Grade Reference Ready Mounts	7920	\$1,738.00
------------------------------	------	------------

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
------------------------------	------	------------

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
--------------------------------------	------	-------------

3.1 M (10 ft. 2 in.)

Arm with Bucket Cylinder and Linkage	7180	\$18,839.00
--------------------------------------	------	-------------

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
--	------	------------

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
Requires a control circuit such as a foot controller or the standard right-hand control handle with (2) switches. Also order a solenoid kit. Includes Combination piping 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 (Pilot Lever Proportional Control)	7490	\$10,800.00
for 3.1 M Arm (10 ft.. 2 in.) Includes Combination piping		
Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control)	7495	\$11,030.00
for 3.75 M Arm Includes Combination piping		



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
54 In. (1375 mm), 2.27 Yd3 (1.74 M3) Heavy-Duty Bucket Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD).		
Heavy-Duty Bucket	8420	\$10,312.00
36 In. (914 mm), 1.30 Yd3 (0.99 M3) Heavy-Duty Bucket Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD).		
Heavy-Duty Bucket	8430	\$11,164.00
42 In. (1067 mm), 1.59 Yd3 (1.22 M3) Heavy-Duty Bucket Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).		
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
▼	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

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.johndeereinfo.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		
36 In (914 mm), 0.97 yd3 (0.74 M3) Heavy-Duty Bucket	BYT11162	\$6,672.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD)		
42 In (1067 mm), 1.19 yd3 (0.91 M3) Heavy-Duty Bucket	BYT11163	\$7,339.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).		
48 In (1219 mm), 1.39 yd3 (1.06 M3) Heavy-Duty Bucket	BYT11164	\$7,899.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)		
54 In (1372 mm), 1.61 yd3 (1.23 M3) Heavy-Duty Bucket	BYT11165	\$8,223.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)		
60IN (1525MM) 2.09YD (1.60 M3) HD Bucket Includes Seven (7) TK400 Series Teeth.	BYT11166	\$8,799.00
Buckets, Side Cutters		
Edge Protector Kit	AT342511	\$618.00
Side-Cutter Kit, 3 inch	AT342512	\$641.00
Side-Cutter Kit, 6 inch	AT342513	\$641.00
Cold Start		
Engine Coolant Heater, 110 Volt, (1000 Watt)	AT390826	\$311.00
Guards		
Cab FOPS Guard	AT390802	\$3,073.00
FOPS Level II, ISO 10262 Certified		

Hydraulic Couplers

Hydraulic Quick Coupler	AT452019	\$9,454.00
Installation Charge for Hydraulic Coupler	AT345608	\$1,387.00

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.

Hydraulic Thumb Kits

Deere/Hitachi Hydraulic Thumb Installation	AT339844	\$1,967.00
Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.		

Hydraulic Thumb Kit, Direct	AT389951	\$9,894.00
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.		

Hydraulic Thumb Kit, Direct for Couplers	AT389949	\$9,894.00
--	----------	------------

Hydraulic Thumb Kit, Progressive	AT379658	\$11,639.00
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.		
Only available for the following arm lengths: 290/300 3.75M (12'4")		

Hydraulic Thumb Kit, Progressive for Couplers	AT379659	\$11,639.00
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.		
Only available for the following arm lengths: 290/300 3.75M (12'4")		

Hydraulics

Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder	AT327659	\$3,100.00
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 High-Flow Hydraulic Lines for 300G/350G	AT442310	\$6,615.00
Boom Cylinder Anti-Drift Valve with Plumbing and Hardware	AT453870	\$3,567.00
Control Handle for Auxiliary Hydraulics, Left-Hand	AT327652	\$525.00
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	\$950.00
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	\$800.00
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	\$789.00
Two-Pump Combined Flow Piping	AT327836	\$1,674.00
For attachments that require additional hydraulic flow.		
<u>Operator Environment</u>		
Exterior Work Lights Package	AT396663	\$741.00
Additional 2 Cab lights, with 1 Right hand Boom Light.		
Full Length Front Guards	BYT11141	\$1,532.00
Stereo adapter for phone or music device.	ETN93549	\$224.00
Applicable for machines before SN 1FF300GXVJF730846		
<u>Overall Vehicle</u>		
Vandal Covers	BYT11005	\$3,023.00
After Serial # 30847		
<u>Powertrain & Cooling</u>		
Automatic Reversing Cooling Fan	AT453858	\$2,030.00
Features selectable intervals and manual override. For use in environments with airborne debris. Installation time 2 hours.		



REFERRAL ATTACHMENTS

Description	Code	Price
G.r.mfg. G.R. Manufacturing, Inc. * Kits listed below must be ordered through John Deere. * F.O.B. Trussville, Alabama * All kits include installation instructions * All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc. G.R. Manufacturing, Inc. 4800 Commerce Drive Trussville, Alabama 35173 Phone: (800)841-8001 Fax: (205)655-8005		
Auxiliary Counterweight, 2250 lbs.	BYT11004	\$6,569.00
Front Window Guard, Polycarbonate	ETN210311	\$2,570.00
Guard, Slant Top Rub Rails	AT401260	\$1,946.00

Copyright © Deere & Company. All Rights Reserved.

[About Our Site](#) |
 [Privacy and Data](#) |
 [Legal](#) |
 |