



Current Date 16Nov2018

870G 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
Hydraulic Tank Site Gauge
4,000 Hour Hydraulic Oil
Change Interval

UNDERCARRIAGE:

Two Speed Propel
Axial Piston Propel Motors
Propel Motor Shields
Planetary Final Drives
Sealed Track Chain
Front and Center Track
Guides
X-Frame Car Body
Hydraulic Track Adjuster
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 Boom
Two Mounted on Cab
Debris Screen in Side Panel

Remote Mounted Engine Oil
Filter

FRONT ATTACHMENT:

Centralized Lubrication
System
Boom Cylinders with
Plumbing
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
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
Capability
Maintenance 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
Indicator
DEF Gauge with Low DEF
Indicator
Work Mode Indicator
Auto Idle Indicator

Auto Shut Down 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
Boom Mode
Numerous Attachment
Modes
Engine Oil Level Indicator
Engine Coolant Level
Indicator
Auto-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. US/Canadian Port of Entry for Complete Machine.
F.O.B. Kernersville, North Carolina for 470 boom and arm, or Port of Entry depending on configuration.
See DEALER-INSTALLED ATTACHMENT section for additional source notes.

Description	Code	Price
870G LC FT4 EXCAVATOR	04G1FF	\$974,641.00

▼ ENGINE

Description	Code	Price
Engine, Isuzu FT4	1095	\$29,718.00

Engine, Isuzu 6WG1 certified to FT4 / Stage IV emissions

For use only in areas where EPA Tier 4/EU Stage IV is required.

512 Horsepower Net Peak Power (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

Glow Plug Start Aid

50-Amp Alternator - 24 Volt

500 Hour Engine Oil Change Interval

▼ OPERATOR'S MANUAL AND DECALS

Description	Code	Price
English Decals and Customer Delivery Packet	2530	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.

MAIN FRAME

Description	Code	Price
Mainframe and Counterweight	2625	No Added Cost
Standard Mainframe and Counterweight. Will not accept counterweight removal device.		
Modified Mainframe and Counterweight with Counterweight Removal Device	2650	\$22,810.00
Includes factory installed counterweight removal device.		

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	7180	\$74,450.00
3.7 M (12 Ft. 2 In.)		
Mass Excavating (ME) Arm with Bucket Cylinder and Linkage	7275	\$83,225.00
2.95 M (9 Ft. 8 In.) Requires code 6850, Mass Excavating (ME) Boom.		
Arm with Bucket Cylinder and Linkage	7265	\$79,147.00
4.4 M (14 Ft. 5 In.)		
Arm with Bucket Cylinder and Linkage	7270	\$86,353.00
5.4 M (17 Ft. 9 In.) Requires 670-size buckets.		

TRACK SHOES

Description	Code	Price
Track Shoes	3350	No Added Cost
900 mm (36 In.) Double-Bar Semi-Grouser Shoes. Recommended for general conditions and soft terrain.		
Track Shoes	3200	(\$11,270.00)
650 mm (26 In.) Double-Bar Semi-Grouser Shoes. Recommended for rocky terrain, hard ground and stumps.		
Track Shoes	3300	(\$5,724.00)

750 mm (30 In.) Double-Bar Semi-Grouser Shoes
 Recommended for general conditions.
 Long Lead Time.

Track Shoes	3400	\$9,268.00
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1020 mm (40 In.) Double-Bar Semi-Grouser Shoes
 Recommended for general conditions and soft terrain.
 Long Lead Time.



BOOM

Description	Code	Price
Less Boom	6801	No Added Cost

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

7.1 M (23 Ft. 4 In.) One Piece Mass Excavating (ME) Boom with Arm Cylinder and Plumbing	6850	\$133,768.00
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Requires code 7275, Mass-Excavating (ME) Arm.
 Check availability, may require long lead time.

8.4 M (27 Ft. 7 In.) Standard One Piece Boom with Arm Cylinder and Plumbing	6855	\$112,148.00
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10 M (32 ft. 10 in.) One Piece Boom with Boom Cylinders, Arm Cylinders, and Plumbing	6870	\$132,593.00
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INCLUDES THE BOOM CYLINDERS, NOTE: ONLY WITH 7265 or
 7270
 Includes remote grease bank.
 Includes unique lift chart for factory installed booms.
 Boom cylinders are unique to this boom.
 Long Lead Time.

Optional - *Select as desired*



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, Extreme-Duty, Plate Lip		

48 In (1218 mm), 3.65 yd3 (2.79 M3) Extreme-Duty, Plate-Lip Bucket	AT339350	\$41,893.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD)
 For use on the 3.7 and 4.4 M Arms Only.

48 In (1218 mm), 3.65 yd3 (2.79 M3) Extreme-Duty, Plate-Lip Bucket	AT339352	\$41,363.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 2.95 M Mass Excavating Arm Only.		
54 In (1372 mm), 4.27 yd3 (3.26 M3) Extreme-Duty, Plate-Lip Bucket	AT339354	\$45,672.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
54 In (1372 mm), 4.27 yd3 (3.26 M3) Extreme-Duty, Plate-Lip Bucket	AT339356	\$45,142.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 2.95 M Mass Excavating Arm Only.		
60 In (1524 mm), 4.89 yd3 (3.74 M3) Extreme-Duty, Plate-Lip Bucket	AT339358	\$47,314.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
72 In (1829 mm), 6.17 yd3 (4.72 M3) Extreme-Duty, Plate-Lip Bucket	AT339363	\$52,232.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 2.95 M Mass Excavating Arm Only.		
<u>Buckets, Heavy-Duty</u>		
Includes Three (3) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 5.4 M Arm Only.		
36 In (914 mm), 1.87 yd3 (1.43 M3) Heavy-Duty Bucket	AT339324	\$21,886.00
Includes Three (3) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 5.4 M Arm Only.		
42 In (1067 mm), 2.32 yd3 (1.77 M3) Heavy-Duty Bucket	AT339326	\$24,266.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 5.4 M Arm Only.		
48 In (1219 mm), 2.78 yd3 (2.13 M3) Heavy-Duty Bucket	AT339328	\$26,072.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 5.4 M Arm Only.		
54 In (1372 mm), 3.24 yd3 (2.48 M3) Heavy-Duty Bucket	AT339330	\$27,975.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 5.4 M Arm Only.		
60 In (1524 mm), 3.72 yd3 (2.84 M3) Heavy-Duty Bucket	AT339332	\$29,866.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 5.4 M Arm Only.		
<u>Buckets, Heavy-Duty, High-Capacity</u>		
36 In (914 mm), 2.48 yd3 (1.90 M3) Heavy-Duty, High-Capacity Bucket	AT339334	\$30,644.00

Includes Three (3) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
42 In (1067 mm), 3.05 yd3 (2.33 M3) Heavy-Duty, High-Capacity Bucket	AT339336	\$33,180.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
48 In (1218 mm), 3.65 yd3 (2.79 M3) Heavy-Duty, High-Capacity Bucket	AT339338	\$35,111.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
54 In (1372 mm), 4.27 yd3 (3.26 M3) Heavy-Duty, High-Capacity Bucket	AT339340	\$37,331.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
60 In (1524 mm), 4.89 yd3 (3.74 M3) Heavy-Duty, High-Capacity Bucket	AT339342	\$39,453.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
72 In (1829 mm), 6.17 yd3 (4.72 M3) Heavy-Duty, High-Capacity Bucket	AT339344	\$42,674.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
80 In (2032 mm), 7.02 yd3 (5.37 M3) Heavy-Duty, High-Capacity Bucket	AT339346	\$44,854.00
Includes Seven (7) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
90 In (2286 mm), 7.46 yd3 (5.70 M3) Heavy-Duty, High-Capacity Bucket	AT339348	\$46,398.00
Includes Seven (7) John Deere TK-Series Fanggs Teeth (TK600FD). For use on the 2.9 M Mass Excavating Arm Only.		
<u>Buckets, Side Cutters</u>		
Side-Cutter Kit, 6 inch	AT342513	\$628.00
<u>Buckets, Truck Loading</u>		
Truck-loading buckets are not drilled to accept bolt-on sidecutters. Buckets come standard with horizontal wear strips. Vertical wear strips in lieu of horizontal are available at no additional charge. The switch to vertical wear strips MUST be indicated in the comments section of your order.		
84 In (2134 mm), 5.66 yd3 (4.33 M3) Truck-Loading Bucket	AT339368	\$34,547.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK700FD). For use on the 3.7 and 4.4 M Arms Only.		
92 In (2337 mm), 6.28 yd3 (4.80 M3) Truck-Loading Bucket	AT339372	\$38,030.00

Includes Eight (8) John Deere TK-Series Fanggs Teeth (TK700FD).
For use on the 3.7 and 4.4 M Arms Only.

Guards

Cab FOPS Guard	AT419609	\$4,326.00
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FOPS Level II, ISO 10262 Certified

Hydraulics

Control Handle for Auxiliary Hydraulics, Left-Hand	AT327652	\$515.00
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Requires control solenoid for either 1-way or 2-way auxiliary hydraulics.
Recommended for use with auxiliary hydraulic lines.

Single Pedal Propel Kit	AT390776	\$2,080.00
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Operator Environment

Guard, Lower Front Window ISO Level II	AT390824	\$1,191.00
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Guard, Upper Front Window ISO Level II	AT390823	\$1,502.00
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Mechanical Pattern Changer	AT461092	\$1,327.00
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Overall Vehicle

Vandal Cover Kit	AT390721	\$2,964.00
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REFERRAL ATTACHMENTS

Description	Code	Price
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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

Front Window Guard, Polycarbonate	ETN90043	\$2,550.00
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