



Current Date 03Jan2020

245G LC FT4 EXCAVATOR

ENGINE:

Isuzu 4HK1, EPA FT4 / EU
 Stage IV emissions
 Net Peak Power (ISO9249)
 159 hp (119 kW)
 Turbocharger
 Electronic Engine Control
 Unit
 Auto-Idle System
 Antifreeze Protection to -34
 degrees F (-37 degrees C)
 Enclosed Fan Guard
 Fuel Cooler
 Dual Element Dry-type Air
 Filter with Restriction
 Indicator
 Full Flow Oil Filter
 Double Fuel Filter
 Water Separator
 Side by Side by Side
 Radiator, Oil Cooler,
 Intercooler with Dust Net
 Glow Plug Start Aid
 50-Amp Alternator - 24 Volt
 500 Hour Engine Oil Change
 Interval
 Isolation Mounted
HYDRAULICS:
 Open Center, Load Sensing
 with Variable Displacement
 Pumps
 Auxilliary Hydraulic Lines
 with AFL Proportional Control
 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

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 and Left Mirrors
 Toolbox
 Vandal Locks for:
 Cab Door
 Service Doors
 Fuel Cap
 Counterweight, 16,050 lbs.
 (7,280 kg)
 Work Lights:
 One Mounted on Frame
 One Mounted on Boom
 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

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
 Diesel Exhaust Fluid Guage
 Fuel Gauge with Low Fuel
 Indicator
 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
 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
 Cup Holder
 Interior Light

Change Interval	Deluxe Adjustable Heated	Coat Hook
UNDERCARRIAGE:	Cloth Seat with Air	Floor Mat
Two Speed Propel with Auto-Shift	Suspension, Reclining Backrest, Headrest, and Adjustable Lumbar Support	Motion Alarm with Cancel Switch
Axial Piston Propel Motors	Multifunction, Color LCD Monitor System with: Diagnostic Capability	Transparent Tinted Roof Hatch with Sunshade
Propel Motor Shields	Systems Monitoring Capability	Four Fluid-Filled Elastic Mounts
Planetary Final Drives		Easy Access Air Conditioning Filter
Sealed Track Chain		
Front and Center Track Guides		

Required - *You must select one from each category*

▼ BASE MACHINE

F.O.B. US/Canadian Port of Entry except where noted.
 See DEALER-INSTALLED ATTACHMENT section for additional source notes.

Description	Code	Price
245G LC FT4 EXCAVATOR	05S1FF	\$259,051.00

▼ TRACK SHOES

Description	Code	Price
Long Undercarriage with 700 mm (28 In.) Triple Semi-Grouser Shoes	3325	(\$927.00)
Recommended for general conditions and soft terrain.		
Long Undercarriage with 800 mm (32 In.) Triple Semi-Grouser Shoes	3350	No Added Cost
Recommended for extremely soft terrain.		

▼ ARM

Description	Code	Price
Arm with Bucket Cylinder and Linkage	7160	\$13,927.00
2.91 M (9 ft. 7 in.)		

▼ MACHINE CONNECTIVITY

Machine connectivity functions require cellular coverage. Usage of JDLink 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.



SEAT

Description	Code	Price
Seat, Heated Air-Suspension	4130	No Added Cost



BOOM

Description	Code	Price
One Piece Boom with Arm Cylinder and Plumbing	6835	\$24,363.00

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.johndeereotechinfo.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, Ditching		
60 In (1524 mm), 1.55 yd3 (1.18 M3) Ditching Bucket	AT451619	\$4,995.00
Buckets, Heavy-duty		
24 In (610 mm), 0.51 yd3 (0.39 M3) Heavy-Duty Bucket	BYT11157	\$4,938.00
Includes Three (3) John Deere TK-Series Fanggs Teeth (TK350FD).		
30 In (762 mm), 0.71 yd3 (0.54 M3) Heavy-Duty Bucket	BYT11158	\$5,295.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK350FD)		
36 In (914 mm), 0.91 yd3 (0.69 M3) Heavy-Duty Bucket	BYT11159	\$5,775.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD)		
	BYT11160	\$6,166.00

42 In (1067 mm), 1.11 yd3 (0.85 M3) Heavy-Duty Bucket

Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).

48 In (1219 mm), 1.31 yd3 (1.00 M3) Heavy-Duty Bucket BYT11161 \$6,673.00

Includes Six (6) John Deere TK-Series Fanggs Teeth (TK350FD)

Buckets, Side Cutters

Auxiliary Cutting Edge for Ditching Bucket AT454299 \$700.00

Edge Protector Kit AT342511 \$618.00

Side-Cutter Kit, 3 inch AT342512 \$641.00

Side-Cutter Kit, 6 inch AT342513 \$641.00

Hydraulic Couplers

Hydraulic Quick Coupler AT452018 \$8,666.00

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 AT379648 \$9,342.00

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 AT379649 \$9,342.00

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, Progressive AT379650 \$11,122.00

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:

180 3.2M (10'6")
 210 2.91M (9'7")
 245 2.91M (9'7")

Hydraulic Thumb Kit, Progressive for Couplers	AT379651	\$11,122.00
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Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.

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Hydraulics

2-Pump Combined Flow	AT463997	\$1,234.00
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Auxiliary Hydraulics, Attachment Combination Kit	AT343990	\$589.00
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For use on 220 Mono-Boom Wheeled Excavators.
 Requires Auxiliary High-Flow Hydraulic Lines.
 Allows for a combination of attachments (i.e. hammer and thumb) to be connected to the high-flow lines, ready for operation.
 Kit includes parts to replace the arm tube of the high-flow hydraulic lines with a short tube and uses the existing stop valves to shut-off thumb operation when not in use.

Control Solenoid for 1-way Auxiliary Hydraulics with Foot Switch	AT354488	\$950.00
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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.

Mechanical Control Pattern Selector Kit	AT422581	\$1,007.00
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Provides ability to switch control pattern between ISO/SAE Excavator and Deere Backhoe control pattern.
 Some excavators require additional parts.

Single Pedal Propel Kit	AT390776	\$2,122.00
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Operator Environment

Exterior Work Lights Package	AT396663	\$741.00
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Additional 2 Cab lights, with 1 Right hand Boom Light.

Overall Vehicle

Vandal Cover Kit	AT454146	\$3,606.00
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