



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	Transparent Tinted Roof
Propel Motor Shields	Monitor System with:	Hatch with Sunshade
Planetary Final Drives	Diagnostic Capability	Four Fluid-Filled Elastic Mounts
Sealed Track Chain	Systems Monitoring	Easy Access Air Conditioning
Front and Center Track Guides	Capability	Filter

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](http://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](http://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.johndeereinfo.com](http://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
<a href="#">Buckets, Ditching</a>		
60 In (1524 mm), 1.55 yd3 (1.18 M3) Ditching Bucket	AT451619	\$4,995.00
<a href="#">Buckets, Heavy-duty</a>		
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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