



JOHN DEERE

Current Date 16Nov2018

## 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  
Auxiliary 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  
Change Interval  
UNDERCARRIAGE:

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  
Deluxe Adjustable Heated  
Cloth Seat with Air  
Suspension, Reclining

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 Gauge  
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  
2 In. Retractable Seat Belt  
Tinted Safety Glass  
Hot/Cold Box Compartment  
Horn

- |                                  |                                                                     |                                             |
|----------------------------------|---------------------------------------------------------------------|---------------------------------------------|
| Two Speed Propel with Auto-Shift | Backrest, Headrest, and Adjustable Lumbar Support                   | Cup Holder                                  |
| Axial Piston Propel Motors       | Multifunction, Color LCD Monitor System with: Diagnostic Capability | Interior Light                              |
| Propel Motor Shields             | Systems Monitoring Capability                                       | Coat Hook                                   |
| Planetary Final Drives           |                                                                     | Floor Mat                                   |
| Sealed Track Chain               |                                                                     | Motion Alarm with Cancel Switch             |
| Front and Center Track Guides    |                                                                     | Transparent Tinted Roof Hatch with Sunshade |
|                                  |                                                                     | Four Fluid-Filled Elastic Mounts            |
|                                  |                                                                     | Easy Access Air Conditioning 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	\$253,351.00

▼ TRACK SHOES

Description	Code	Price
Long Undercarriage with 800 mm (32 In.) Triple Semi-Grouser Shoes	3350	No Added Cost
Recommended for extremely soft terrain.		
Long Undercarriage with 700 mm (28 In.) Triple Semi-Grouser Shoes	3325	(\$948.00)
Recommended for general conditions and soft terrain.		

▼ ARM

Description	Code	Price
Arm with Bucket Cylinder and Linkage	7160	\$13,621.00
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 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](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	\$23,827.00

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	AT451614	\$6,079.00
Includes Three (3) John Deere TK-Series Fanggs Teeth (TK350FD).		
30 In (762 mm), 0.71 yd3 (0.54 M3) Heavy-Duty Bucket	AT451615	\$6,598.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK350FD).		
36 In (914 mm), 0.91 yd3 (0.69 M3) Heavy-Duty Bucket	AT451616	\$7,254.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).		
42 In (1067 mm), 1.11 yd3 (0.85 M3) Heavy-Duty Bucket	AT451617	\$7,950.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).		
	AT451618	\$8,666.00

48 In (1219 mm), 1.31 yd3 (1.00 M3) Heavy-Duty Bucket

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	\$606.00
Side-Cutter Kit, 3 inch	AT342512	\$628.00
Side-Cutter Kit, 6 inch	AT342513	\$628.00

### Hydraulic Couplers

Hydraulic Quick Coupler	AT452018	\$8,496.00
Installation Charge for Hydraulic Coupler	AT345608	\$1,360.00

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

[Please click on the following link to access the freight rate tables.](#)

Deere/Hitachi Hydraulic Thumb Installation	AT339844	\$1,928.00
Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.		
Hydraulic Thumb Kit, Direct	AT379648	\$9,159.00
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	\$9,159.00
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	\$10,904.00
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")		
	AT379651	\$10,904.00

## Hydraulic Thumb Kit, Progressive for Couplers

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")

### Hydraulics

2-Pump Combined Flow	AT463997	\$1,210.00
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Auxiliary Hydraulics, Attachment Combination Kit	AT343990	\$577.00
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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	\$931.00
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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.

Hydraulic Filter Restriction Indicator Kit	AT445803	\$774.00
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Mechanical Control Pattern Selector Kit	AT422581	\$987.00
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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	\$2,080.00
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### Operator Environment

Exterior Work Lights Package	AT396663	\$726.00
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Additional 2 Cab lights, with 1 Right hand Boom Light.

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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### Overall Vehicle

Vandal Cover Kit	AT454146	\$3,535.00
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