

**JOHN DEERE**

Current Date 31Dec2018

180G 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
Power Boost
Auto Power Lift
Hydraulic Tank Site Gauge
5,000 Hour Hydraulic Oil
Change Interval
Hydraulic Oil Sampling Valve

UNDERCARRIAGE:

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
Seven Lower Rollers
Two Upper Rollers
Spring Applied Hydraulic
Released Propel Brake

UPPER STRUCTURE:

Right, Left Mirrors(2)
Toolbox
Vandal Locks for:
Cab Door
Service Doors
Fuel Cap
Tool Box

Debris Screening Side Panel
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 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

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
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

Counterweight, 8,598 lbs. (3,900 kg)	Engine Coolant Temperature Warning Indicator with Audible Alarm	Easy Access Air Conditioning Filter
Work Lights: One Mounted on Frame One Mounted on Boom	Engine Oil Pressure Warning Indicator with Audible Alarm	

Required - *You must select one from each category*

▼ BASE MACHINE			
Description	Code	Price	
180G LC FT4 EXCAVATOR	1411FF	\$188,672.00	

▼ ENGINE			
Description	Code	Price	
Engine Stage IV Emissions	1095	\$19,135.00	
<p>John Deere PowerTech PWS 4.5L 121 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 Automatic Belt Tension Device Glow Plug Start Aid Heavy Duty, Low Maintenance Batteries (180 Minute Reserve) 100-Amp Alternator - 24 Volt 500 Hour Engine Oil Change Interval Engine Oil Sampling Valve</p>			

▼ OPERATOR'S MANUAL AND DECALS			
<p>Non-English Operator's Manuals Translated Customer Delivery Packets can be ordered using the John Deere Technical Information Bookstore at http://www.johndeeretechno.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.</p>			
Description	Code	Price	
English Customer Delivery Packet	1600	No Added Cost	
English Decals and Customer Delivery Packet			

▼ MACHINE CONNECTIVITY			
<p>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.</p>			

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.

TRACK SHOES

Description	Code	Price
600 mm (24 In.) Triple Semi-Grouser Shoes	3310	No Added Cost

Recommended for rocky terrain, hard ground and stumps.

Triple Semi-Grouser Shoes	3330	\$1,184.00
---------------------------	------	------------

700 mm (28 In.)
Recommended for general conditions and soft terrain.

800 mm (32 In.) Triple Semi-Grouser Shoes	3360	\$1,681.00
---	------	------------

Recommended for extremely soft terrain.

SEAT

Description	Code	Price
Seat, Standard Mechanical	4125	No Added Cost

Seat, Heated Air-Suspension	4130	\$955.00
-----------------------------	------	----------

Seat, Premium Leather - Thermal Heating and Active Cooling	4135	\$2,671.00
--	------	------------

- 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	\$16,825.00
---	------	-------------

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	7115	\$11,538.00
--------------------------------------	------	-------------

2.7 M (8 ft. 10 in.)

Arm with Bucket Cylinder and Linkage	7180	\$13,085.00
--------------------------------------	------	-------------

3.2 M (10 ft. 6 in.)

AUXILIARY HYDRAULICS

Description	Code	Price
Less Auxiliary Hydraulics	7401	No Added Cost

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7420	\$7,883.00
--	------	------------

Includes Combination piping for 2.7 M Arm (8 ft. 9 in.)

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7430	\$8,053.00
--	------	------------

Includes Combination piping for 3.2 M Arm

Auxiliary High-Flow Hydraulic Lines Only	7440	\$5,843.00
--	------	------------

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 2.7 M Arm

Auxiliary High-Flow Hydraulic Lines Only	7450	\$6,013.00
--	------	------------

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 3.2 M Arm

Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control)	7490	\$8,883.00
---	------	------------

Includes Combination piping
for 2.7 M Arm

Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control)	7495	\$9,053.00
---	------	------------

Includes Combination piping
for 3.2 M Arm

▼ 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	8321	\$8,129.00
-------------------	------	------------

36 In. (914 mm) 0.91 Yd3 (0.69 M3)
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).

Heavy-Duty Bucket	8331	\$8,866.00
-------------------	------	------------

42 In. (1067 mm) 1.11 Yd3 (0.85 M3)
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).

Heavy-Duty Bucket	8341	\$9,566.00
-------------------	------	------------

48 In. (1219 mm) 1.31 Yd3 (1.00 M3)
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK350FD).

Optional - *Select as desired*

▼ EXHAUST

Description	Code	Price
Chrome Exhaust	9700	\$399.00

▼ HEATER

Description	Code	Price
Engine Block Heater	9015	\$243.00

▼ ENGINE FAN

Description	Code	Price
Automatic Reversing Cooling Fan	9115	\$1,620.00

Features selectable intervals and manual override.
For use in environments with airborne debris.

Single Pedal Propel	9180	\$2,209.00
---------------------	------	------------

▼ FILTER

Description	Code	Price
Fuel Filter, Severe-Duty	9060	\$172.00

▼ 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	\$629.00

▼ LIGHT PACKAGE

Description	Code	Price
Light Package	9150	\$2,214.00
- 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	\$7,029.00

▼ 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, Heavy-duty		
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).		
	AT451617	\$7,950.00

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 AT451618 \$8,666.00

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

Buckets, Side Cutters

Edge Protector Kit AT342511 \$606.00

Side-Cutter Kit, 3 inch AT342512 \$628.00

Side-Cutter Kit, 6 inch AT342513 \$628.00

Cold Start

Engine Coolant Heater, 110 Volt, (1000 Watt) AT390825 \$305.00

Guards

Cab FOPS Guard AT390802 \$3,013.00

FOPS Level II, ISO 10262 Certified

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

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.

AT379650 \$10,904.00

Hydraulic Thumb Kit, Progressive

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	\$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")

Hydraulics

Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder	AT432895	\$3,039.00
---	----------	------------

Auxiliary High Flow Lines for 3.2 M Arm for 180G	AT415232	\$4,870.00
--	----------	------------

Boom Cylinder Anti-Drift Valve with Plumbing and Hardware	AT432894	\$3,044.00
---	----------	------------

Control Handle for Auxiliary Hydraulics, Left-Hand	AT327652	\$515.00
--	----------	----------

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	AT446154	\$931.00
--	----------	----------

Does not use the monitor for flow control.
Does not require solenoids for auxiliary hydraulics.
Includes foot switch, solenoid, relays, wiring, and hoses.

Control Solenoids for 2-Way Auxiliary Hydraulics	AT445459	\$784.00
--	----------	----------

Monitor can be used to control hydraulic flow.
Can be used with either right-hand or left-hand control handle.

Foot Control, Two-Way Hydraulics	AT390739	\$1,970.00
----------------------------------	----------	------------

Hydraulic Filter Restriction Indicator Kit	AT445803	\$774.00
--	----------	----------

Operator Environment

Exterior Work Lights Package	AT396663	\$726.00
------------------------------	----------	----------

Additional 2 Cab lights, with 1 Right hand Boom Light.

Stereo adapter for phone or music device.	ETN93549	\$220.00
---	----------	----------

Applicable for machines before SN 1FF180GXAJF020900

▼ REFERRAL ATTACHMENTS

Description	Code	Price
G.r.mfg.		
Counterweight, Bottom Mount, 1500 lbs.	AT430878	\$4,426.00
Counterweights are painted yellow		
Rear Work Lights Package	AT430784	\$1,246.00
Slant Top Rub Rails	AT430874	\$1,730.00