



Current Date 03Jan2020

## 130G 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  
One Upper Roller  
Spring Applied Hydraulic  
Released Propel Brake  
UPPER STRUCTURE:  
Right, Left Mirrors(2)  
Toolbox  
Vandal Locks for:  
Cab Door  
Service Doors  
Fuel Cap  
Tool Box  
Counterweight, 5,181 lbs.  
(2,350 kg)  
Work Lights:

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

Control Pattern Changer

Engine Coolant Temperature  
Gauge

Engine Coolant Temperature

Warning Indicator with

Audible Alarm

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

One Mounted on Frame  
One Mounted on Boom  
Debris Screening Side Panel

Engine Oil Pressure Warning  
Indicator with Audible Alarm

Easy Access Air Conditioning  
Filter

Required - *You must select one from each category*

▼ BASE MACHINE

F.O.B Kernersville, North Carolina for Complete Machine.  
See DEALER-INSTALLED ATTACHMENT section for additional source notes.

| Description        | Code   | Price        |
|--------------------|--------|--------------|
| 130G FT4 EXCAVATOR | 05N1FF | \$163,274.00 |

▼ ENGINE

| Description  | Code | Price       |
|--|------|-------------|
| Engine Stage IV Emissions  | 1095 | \$10,992.00 |
| John Deere PowerTech PWS 4.5L<br>98 Net Rated hp (ISO 9249)<br>Turbocharger<br>Charge Air Cooler<br>Electronic Engine Control Unit<br>Auto-Idle System<br>Cool on Demand Fan<br>Antifreeze Protection to -34F (-37C)<br>Enclosed Fan Guard<br>Dual Element Dry-Type Air Filter with Restriction Indicator<br>Full Flow Oil Filter<br>Double Fuel Filter<br>Water Separator<br>Automatic Belt Tension Device<br>Glow Plug Start Aid<br>Heavy Duty, Low Maintenance Batteries<br>100-Amp Alternator - 24 Volt<br>500 Hour Engine Oil Change Interval<br>Engine Oil Sampling Valve. |      |             |

▼ OPERATOR'S MANUAL AND DECALS

Non-English Operator's Manuals

Translated Customer Delivery Packets can be ordered using the John Deere Technical Information Bookstore at <http://www.johndeereotechinfo.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.

| Description                      | Code | Price         |
|----------------------------------|------|---------------|
| English Customer Delivery Packet | 1600 | No Added Cost |

▼ MACHINE CONNECTIVITY

Machine connectivity functions require cellular coverage. Usage of JDLink /ZXLlink 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.

#### TRACK SHOES

| Description                               | Code | Price         |
|---|------|---------------|
| 600 mm (24 In.) Triple Semi-Grouser Shoes | 3200 | No Added Cost |

Without Backfill Blade.  
Recommended for rocky terrain, hard ground and stumps.

|  |      |             |
|--|------|-------------|
| 600 mm (24 In.) Triple Semi Grousers with 2590 mm (8'6") wide Backfill Blade | 3205 | \$14,789.00 |
|--|------|-------------|

Recommended for rocky terrain, hard ground and stumps.

|   |      |          |
|---|------|----------|
| 700 mm (28 In.) Triple Semi-Grouser Shoes | 3250 | \$698.00 |
|---|------|----------|

Recommended for general conditions and soft terrain.  
Without Backfill Blade.

|   |      |             |
|---|------|-------------|
| 700 mm (28 In.) Triple Semi Grousers with 2690 mm (8'10") wide Backfill Blade | 3255 | \$15,487.00 |
|---|------|-------------|

Recommended for general conditions and soft terrain.

|  |      |             |
|--|------|-------------|
| 600 mm (24 In.) Rubber Crawler Pads without Backfill Blade | 3260 | \$11,029.00 |
|--|------|-------------|

Rubber pads are laminated to track shoe.  
This option requires a long lead time, contact your dealer for availability of this option.

|  |      |             |
|--|------|-------------|
| 600 mm (24 In.) Rubber Crawler with 2590 mm (8'6") wide Backfill Blade | 3265 | \$25,818.00 |
|--|------|-------------|

Rubber pads are laminated to track shoe.  
This option requires a long lead time, contact your dealer for availability of this option.

**SEAT**

| Description  | Code | Price         |
|--|------|---------------|
| Seat, Standard Mechanical  | 4125 | No Added Cost |
| Seat, Heated Air-Suspension  | 4130 | \$976.00      |
| Seat, Premium Leather - Thermal Heating and Active Cooling   | 4135 | \$2,731.00    |
| Active heating and cooling<br>Air suspension<br>High seat back<br>3-way adjustability<br>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.<br>Includes Pin Connecting Boom to Mainframe and the Two Boom Cylinder Pins.<br>Requires code 7001, "Less Arm".<br>The "Hydraulic Filter Restriction Indicator" in DEALER-INSTALLED ATTACHMENTS is recommended |      |               |
| One Piece Boom with Arm Cylinder and Plumbing  | 6835 | \$14,276.00   |

**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                                       | 7140 | \$9,162.00    |
| 2.52 M (8 ft. 3 in.)   |      |               |
| Arm with Bucket Cylinder and Linkage                                       | 7180 | \$10,519.00   |
| 3.01 M (9 ft. 11 in.)  |      |               |

**AUXILIARY HYDRAULICS**

| Description  | Code | Price         |
|--|------|---------------|
| Less Auxiliary Hydraulics                              | 7401 | No Added Cost |
| Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller | 7420 | \$7,129.00    |

Includes Combination piping  
for 2.52 M Arm (8 ft. 2 in.)

|  |      |            |
|--|------|------------|
| Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller | 7430 | \$7,261.00 |
|--|------|------------|

for 3.01 M Arm  
Includes Combination piping

|  |      |            |
|--|------|------------|
| Auxiliary High-Flow Hydraulic Lines Only | 7440 | \$4,943.00 |
|--|------|------------|

Includes Combination piping  
for 2.52 M Arm  
Requires a control circuit such as a foot controller or the standard right-hand control handle with (2) switches. Also order a solenoid kit.

|  |      |            |
|--|------|------------|
| Auxiliary High-Flow Hydraulic Lines Only | 7450 | \$5,076.00 |
|--|------|------------|

Requires a control circuit such as a foot controller or the standard right-hand control handle with (2) switches. Also order a solenoid kit.  
Includes Combination piping  
for 3.01 M Arm

|   |      |            |
|---|------|------------|
| Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control) | 7490 | \$8,169.00 |
|---|------|------------|

for 2.52 M Arm  
Includes Combination piping

|   |      |            |
|---|------|------------|
| Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control) | 7495 | \$8,302.00 |
|---|------|------------|

for 3.01 M Arm  
Includes Combination piping

## ▼ 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 | 8411 | \$4,898.00 |
|-------------------|------|------------|

24 In. (600 mm), 0.47 Yd3 (0.36 M3)  
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD).

|                   |      |            |
|-------------------|------|------------|
| Heavy-Duty Bucket | 8421 | \$5,302.00 |
|-------------------|------|------------|

Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD).  
30 In. (750 mm), 0.64 Yd3 (0.49 M3)

|                   |      |            |
|-------------------|------|------------|
| Heavy-Duty Bucket | 8431 | \$5,843.00 |
|-------------------|------|------------|

Includes Five (5) John Deere TK-Series Fanggs Teeth (TK300FD).  
36 In. (900 mm), 0.81 Yd3 (0.62 M3)

Optional - *Select as desired*

## ▼ HEATER

|   | Description   | Code | Price         |
|---|---|------|---------------|
|   | Engine Block Heater   | 9015 | \$248.00      |
| ▼ | FILTER  |      |               |
|   | Description   | Code | Price         |
|   | Fuel Filter, Severe-Duty  | 9060 | \$175.00      |
| ▼ | ENGINE FAN  |      |               |
| ▼ | EXHAUST   |      |               |
|   | Description   | Code | Price         |
|   | Chrome Exhaust  | 9700 | \$403.00      |
| ▼ | SHIPPING PREPARATION  |      |               |
|   | Description   | Code | Price         |
|   | Special Export Preparation-- Do not install front for shipping  | 9803 | No Added Cost |
|   | For Export Containerization   |      |               |
| ▼ | LIGHT PACKAGE   |      |               |
|   | Description   | Code | Price         |
|   | Light Package   | 9150 | \$2,258.00    |
|   | - All exterior machine lights are LED<br>- 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 | \$5,211.00    |
|   | Requires 6801, Less Boom, and Code 7001, Less Arm.  |      |               |

#### ▼ 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, Heavy-duty</a>                            |          |            |
|  | 24 In (610 mm), 0.47 yd3 (0.36 M3) Heavy-Duty Bucket           | BYT11148 | \$3,515.00 |
|  | Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD). |          |            |

|   |          |            |
|---|----------|------------|
| 30 In (762 mm), 0.64 yd3 (0.49 M3) Heavy-Duty Bucket  | BYT11149 | \$3,683.00 |
| Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD).  |          |            |
| 36 In (914 mm), 0.81 yd3 (0.62 M3) Heavy-Duty Bucket  | BYT11150 | \$4,019.00 |
| Includes Five (5) John Deere TK-Series Fanggs Teeth (TK300FD).  |          |            |
| 42 In (1067 mm), 0.99 yd3 (0.76 M3) Heavy-Duty Bucket   | BYT11151 | \$4,199.00 |
| includes Five (5) John Deere TK-Series Fanggs Teeth (TK300FD).  |          |            |
| <u>Buckets, Side Cutters</u>  |          |            |
| Edge Protector Kit  | AT342511 | \$618.00   |
| Side-Cutter Kit, 3 inch   | AT342512 | \$641.00   |
| <u>Guards</u>   |          |            |
| Cab FOPS Guard  | AT390802 | \$3,073.00 |
| FOPS Level II, ISO 10262 Certified  |          |            |
| <u>Hydraulic Couplers</u>   |          |            |
| Hydraulic Quick Coupler   | AT449342 | \$8,019.00 |
| 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.<br>The related machine order must reference the attachment order number.<br>Order code available only for Kernersville, North Carolina installations. |          |            |
| <u>Hydraulic Thumb Kits</u>   |          |            |
| Deere/Hitachi Hydraulic Thumb Installation  | AT339844 | \$1,967.00 |
| Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.  |          |            |
| HYD THUMB KIT, DIRECT, Without COUPLER  | BYT10496 | \$8,282.00 |
| Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.<br><br>Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.   |          |            |
| HYD, THUMB KIT, DIRECT, COUPLER   | BYT10497 | \$8,282.00 |
| Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.<br><br>Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.   |          |            |
| Hydraulic Thumb Kit, Direct   | AT379640 | \$8,282.00 |

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 | AT379642 | \$10,432.00 |
|----------------------------------|----------|-------------|

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:

130 3.01M (9'11")

135 3.01M (9'11")

### Hydraulics

|   |          |            |
|---|----------|------------|
| Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder | AT303665 | \$3,100.00 |
|---|----------|------------|

For customers who require reduced function drift during craning applications.

Includes reduced drift valves for rod end of the arm cylinders.

Boom anti-drift valves recommended.

Installation Instructions T200270.

Also order AT303666, hydraulic hose, for 120 and 135 size excavators.

Also order AT304849, hydraulic hose, for 160 size excavators.

|  |          |            |
|--|----------|------------|
| Auxiliary High-Flow Hydraulic Lines for 130G | AT418546 | \$3,783.00 |
|--|----------|------------|

|   |          |            |
|---|----------|------------|
| Boom Cylinder Anti-Drift Valve with Plumbing and Hardware | AT303957 | \$3,110.00 |
|---|----------|------------|

For customers who require reduced function drift during craning applications.

Includes reduced drift valves for the head end of the boom cylinders.

Installation instructions T203620.

Average installation, 10 hours.

|  |          |          |
|--|----------|----------|
| Control Handle for Auxiliary Hydraulics, Left-Hand | AT327652 | \$525.00 |
|--|----------|----------|

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 | AT446155 | \$950.00 |
|--|----------|----------|

Does not use the monitor for flow control.

Does not require solenoids for auxiliary hydraulics.

Includes foot switch, solenoid, wiring, and hoses.

|  |          |          |
|--|----------|----------|
| Control Solenoids for 2-Way Auxiliary Hydraulics | AT445467 | \$800.00 |
|--|----------|----------|

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 | AT418450 | \$2,009.00 |
|----------------------------------|----------|------------|

|  |          |          |
|--|----------|----------|
|  | AT442872 | \$789.00 |
|--|----------|----------|



## Hydraulic Filter Restriction Indicator Kit

For iT4 and FT4 only.

|  |          |            |
|--|----------|------------|
| Proportional Auxiliary Hydraulic Control Kit | AT461528 | \$3,060.00 |
|--|----------|------------|

Includes joysticks, wiring, and valves.

Operator Environment

|                              |          |          |
|------------------------------|----------|----------|
| Exterior Work Lights Package | AT396663 | \$741.00 |
|------------------------------|----------|----------|

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

|                          |          |            |
|--------------------------|----------|------------|
| Full Length Front Guards | BYT11141 | \$1,532.00 |
|--------------------------|----------|------------|

|   |          |          |
|---|----------|----------|
| Stereo adapter for phone or music device. | ETN93549 | \$224.00 |
|---|----------|----------|

Overall Vehicle

|               |          |            |
|---------------|----------|------------|
| Vandal Covers | BYT11005 | \$3,023.00 |
|---------------|----------|------------|

After Serial # 40100

After Serial # 42001



## REFERRAL ATTACHMENTS

| Description | Code | Price |
|-------------|------|-------|
|-------------|------|-------|

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

|  |          |            |
|--|----------|------------|
| Counterweight, Bottom Mount, 1200 lbs. | AT430877 | \$3,162.00 |
|--|----------|------------|

Parts are primed only (contact GR Mfg for paint color). Cannot be ordered for blade units.  
Counterweights are painted yellow.

|                                   |           |            |
|-----------------------------------|-----------|------------|
| Front Window Guard, Polycarbonate | ETN210311 | \$2,570.00 |
|-----------------------------------|-----------|------------|

|                     |          |            |
|---------------------|----------|------------|
| Slant Top Rub Rails | AT430873 | \$1,678.00 |
|---------------------|----------|------------|