



Current Date 03Jan2020

250G 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
 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
 Nine Lower Rollers
 Two Upper Rollers
 Spring Applied Hydraulic Released Propel Brake
UPPER STRUCTURE:
 Right, Left and Counterweight Mirrors
 Toolbox
 Vandal Locks for:
 Cab Door
 Service Doors
 Tool Box
 Counterweight, 11,270 lbs. (5,112 kg)
 Work Lights:
 One Mounted on Frame

Remote Mounted Engine Oil and Fuel Filters
 Handrails
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
 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
 Control Pattern Changer
 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 Boom Engine Oil Pressure Warning Easy Access Air Conditioning
 Debris Screening Side Panel Indicator with Audible Alarm 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 |
|-----------------------|--------|--------------|
| 250G LC FT4 EXCAVATOR | OBG0FF | \$236,694.00 |

▼ ENGINE

| Description | Code | Price |
|---|------|-------------|
| Engine Stage IV Emissions | 1095 | \$26,796.00 |
| John Deere PowerTech PVS 6.8L 188 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 Underhood Diesel Particulate Filter with Curved Exhaust Automatic Belt Tension Device Glow Plug Start Aid Heavy Duty, Low Maintenance Batteries 100-Amp Alternator - 24 Volt 500 Hour Engine Oil Change Interval 70% (35 degrees) Off Level Capability 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.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.

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

▼ MACHINE CONNECTIVITY

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.

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.

TRACK SHOES

| Description | Code | Price |
|---|------|--------------|
| 600 mm (24 In.) Triple Semi-Grouser Shoes | 3310 | (\$1,885.00) |

Recommended for rocky terrain, hard ground and stumps.

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|---|------|--------------|
| 700 mm (28 In.) Triple Semi-Grouser Shoes | 3325 | (\$1,178.00) |
|---|------|--------------|

Recommended for general conditions and soft terrain.

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|---------------------------|------|---------------|
| Triple Semi-Grouser Shoes | 3350 | No Added Cost |
|---------------------------|------|---------------|

800 mm (32 In.)
 Recommended for extremely soft terrain.

SEAT

| Description | Code | Price |
|---------------------------|------|---------------|
| Seat, Standard Mechanical | 4125 | No Added Cost |

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|-----------------------------|------|----------|
| Seat, Heated Air-Suspension | 4130 | \$976.00 |
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| Seat, Premium Leather - Thermal Heating and Active Cooling | 4135 | \$2,731.00 |
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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

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| One Piece Boom with Arm Cylinder and Plumbing | 6835 | \$24,636.00 |
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GRADE READY/GRADE GUIDANCE

| Description | Code | Price |
|-----------------------------------|------|---------------|
| Less Grade Reference Ready Mounts | 7901 | No Added Cost |

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| Grade Reference Ready Mounts | 7920 | \$1,738.00 |
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2.9M Arm
 Includes mounting points on link, arm, boom, upperstructure, and counterweight for grade reference sensors. Sensors, manufacturing specific mounts, wiring harness, and monitor provided by OEM suppliers.

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|------------------------------|------|------------|
| Grade Reference Ready Mounts | 7930 | \$1,738.00 |
|------------------------------|------|------------|

3.6M Arm
 Includes mounting points on link, arm, boom, upperstructure, and counterweight for grade reference sensors. Sensors, manufacturing specific mounts, wiring harness, and monitor provided by OEM suppliers.



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.

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|--------------------------------------|------|-------------|
| Arm with Bucket Cylinder and Linkage | 7160 | \$13,547.00 |
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2.96 M (9 ft. 9 in.)

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| Arm with Bucket Cylinder and Linkage | 7180 | \$15,917.00 |
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3.61 M (11 ft. 10 in.)
 Not recommended for impact (hammer) or high density material applications.



AUXILIARY HYDRAULICS

| Description | Code | Price |
|---------------------------|------|---------------|
| Less Auxiliary Hydraulics | 7401 | No Added Cost |

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| | 7420 | \$9,153.00 |
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Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller

Includes Combination piping
 for 2.96 M Arm (9 ft. 9 in.)

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| Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller | 7430 | \$9,469.00 |
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Includes Combination piping
 for 3.61 M Arm

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| Auxiliary High-Flow Hydraulic Lines Only | 7440 | \$7,046.00 |
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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 2.96 M Arm
 Includes Combination piping

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|--|------|------------|
| Auxiliary High-Flow Hydraulic Lines Only | 7450 | \$7,362.00 |
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for 3.61 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.
 Includes Combination piping

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|---|------|-------------|
| Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control) | 7490 | \$10,186.00 |
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for 2.96 M Arm
 Includes Combination piping

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|---|------|-------------|
| Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control) | 7495 | \$10,502.00 |
|---|------|-------------|

for 3.61 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.

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|-------------------|------|------------|
| Heavy-Duty Bucket | 8320 | \$9,324.00 |
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD).
 36 In. (914 mm), 0.97 Yd3 (0.74 M3)

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|-------------------|------|------------|
| Heavy-Duty Bucket | 8330 | \$9,995.00 |
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).
 42 In. (1067 mm), 1.19 Yd3 (0.91 M3)

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|-------------------|------|-------------|
| Heavy-Duty Bucket | 8340 | \$10,664.00 |
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Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD).
 48 In. (1219 mm), 1.39 Yd3 (1.06 M3) Heavy-Duty Bucket

Heavy-Duty Bucket 8350 \$11,231.00

54 In. (1372 mm), 1.61 Yd3 (1.23 M3) Heavy-Duty Bucket
 Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD).

Optional - *Select as desired*

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|--|------|---------------|--|
| <p>HEATER</p> | | | |
| Description | Code | Price | |
| Engine Block Heater | 9015 | \$248.00 | |
| <p>FILTER</p> | | | |
| Description | Code | Price | |
| Fuel Filter, Severe-Duty | 9060 | \$175.00 | |
| Engine Air Centrifugal Pre-Cleaner | 9070 | \$631.00 | |
| <p>Recommended for harsh conditions</p> | | | |
| <p>ENGINE FAN</p> | | | |
| Description | Code | Price | |
| Automatic Reversing Cooling Fan | 9115 | \$1,726.00 | |
| <p>Features selectable intervals and manual override. For use in environments with airborne debris.</p> | | | |
| Single Pedal Propel | 9180 | \$2,259.00 | |
| <p>EXHAUST</p> | | | |
| Description | Code | Price | |
| Chrome Exhaust | 9700 | \$429.00 | |
| <p>SHIPPING PREPARATION</p> | | | |
| Description | Code | Price | |
| Special Export Preparation-- Do not install front for shipping | 9803 | No Added Cost | |
| <p>For Export Containerization</p> | | | |
| <p>UNDERCARRIAGE</p> | | | |
| Description | Code | Price | |
| Track Frame Undercover | 9160 | \$643.00 | |
| <p>LIGHT PACKAGE</p> | | | |
| Description | Code | Price | |
| Light Package | 9150 | \$2,258.00 | |
| <p>- 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</p> | | | |



BOOM CYLINDERS

| Description | Code | Price |
|--|------|------------|
| Boom Cylinders with Plumbing to Main Frame | 9010 | \$7,071.00 |

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.johndeeretechno.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 | | |

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| 36 In (914 mm), 0.97 yd3 (0.74 M3) Heavy-Duty Bucket | BYT11162 | \$6,672.00 |
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD)

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|---|----------|------------|
| 42 In (1067 mm), 1.19 yd3 (0.91 M3) Heavy-Duty Bucket | BYT11163 | \$7,339.00 |
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).

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| 48 In (1219 mm), 1.39 yd3 (1.06 M3) Heavy-Duty Bucket | BYT11164 | \$7,899.00 |
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Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)

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|---|----------|------------|
| 54 In (1372 mm), 1.61 yd3 (1.23 M3) Heavy-Duty Bucket | BYT11165 | \$8,223.00 |
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Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)

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|--|----------|------------|
| 60IN (1525MM) 2.09YD (1.60 M3) HD Bucket Includes Seven (7) TK400 Series Teeth. | BYT11166 | \$8,799.00 |
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[Buckets, Side Cutters](#)

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|--------------------|----------|----------|
| Edge Protector Kit | AT342511 | \$618.00 |
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| Side-Cutter Kit, 3 inch | AT342512 | \$641.00 |
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| Side-Cutter Kit, 6 inch | AT342513 | \$641.00 |
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[Cold Start](#)

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| Engine Coolant Heater, 110 Volt, (1000 Watt) | AT390826 | \$311.00 |
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[Guards](#)

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|----------------|----------|------------|
| Cab FOPS Guard | AT390802 | \$3,073.00 |
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FOPS Level II, ISO 10262 Certified

[Hydraulic Couplers](#)

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|--|----------|-------------|
| Hydraulic Quick Coupler | AT452019 | \$9,454.00 |
| Installation Charge for Hydraulic Coupler | AT345608 | \$1,387.00 |
| <p>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.</p> | | |
| <u>Hydraulic Thumb Kits</u> | | |
| Deere/Hitachi Hydraulic Thumb Installation | AT339844 | \$1,967.00 |
| <p>Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.</p> | | |
| Hydraulic Thumb Kit, Direct | AT379652 | \$9,894.00 |
| <p>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.</p> | | |
| Hydraulic Thumb Kit, Direct for Couplers | AT379653 | \$9,894.00 |
| <p>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.</p> | | |
| Hydraulic Thumb Kit, Progressive | AT379654 | \$11,639.00 |
| <p>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: 250 3.61M (11'10")</p> | | |
| Hydraulic Thumb Kit, Progressive for Couplers | AT379655 | \$11,639.00 |
| <p>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: 250 3.61M (11'10")</p> | | |
| <u>Hydraulics</u> | | |
| Anti-Drift BOOM kit | AT451312 | \$3,533.00 |
| Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder | AT327659 | \$3,100.00 |

For ZX350LC-3,ZX350LC-5,ZX380LC-5N machines also order the following parts:

- AT332580 Hydraulic Hose
- M44269 Spacer
- T153064 Clamp
- 14M7415 Nut M12
- 24M7404 Washer (2 used)
- 4053698 Clamp

For 350DLC,350GLC,380GLC machines also order the following parts:

- AT332580 Hydraulic Hose
- M44269 Spacer
- T153064 Clamp
- 14M7415 Nut M12
- 24M7404 Washer (2 used)
- 4053698 Clamp

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|---|----------|------------|
| Auxiliary High-Flow Hydraulic Lines for 250G | AT390763 | \$6,156.00 |
| Boom Cylinder Anti-Drift Valve with Plumbing and Hardware | AT300471 | \$3,329.00 |
| <p>For use on S/N 1FF250GXAFF609644 and below. For customers who require reduced function drift during craning applications. Includes reduced drift valves for head-end of the boom cylinders. Arm anti-drift valve recommended for use with boom anti-drift valves. Installation Instructions T203622.</p> | | |
| Control Handle for Auxiliary Hydraulics, Left-Hand | AT327652 | \$525.00 |
| <p>Requires control solenoid for either 1-way or 2-way auxiliary hydraulics. Recommended for use with auxiliary hydraulic lines.</p> | | |
| Control Solenoid for 1-way Auxiliary Hydraulics with Foot Switch | AT446155 | \$950.00 |
| <p>Does not use the monitor for flow control. Does not require solenoids for auxiliary hydraulics. Includes foot switch, solenoid, wiring, and hoses.</p> | | |
| Control Solenoids for 2-Way Auxiliary Hydraulics | AT445467 | \$800.00 |
| <p>Monitor can be used to control hydraulic flow. Can be used with either right-hand or left-hand control handle.</p> | | |
| Hydraulic Filter Restriction Indicator Kit | AT445803 | \$789.00 |
| Two-Pump Combined Flow Piping | AT327836 | \$1,674.00 |
| <p>For attachments that require additional hydraulic flow.</p> | | |
| <p><u>Operator Environment</u></p> | | |
| Exterior Work Lights Package | AT396663 | \$741.00 |
| <p>Additional 2 Cab lights, with 1 Right hand Boom Light.</p> | | |
| Full Length Front Guards | BYT11141 | \$1,532.00 |
| Stereo adapter for phone or music device. | ETN93549 | \$224.00 |
| <p>Applicable for machines before SN 1FF250GXTJF610768</p> | | |

Overall Vehicle

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|----------------------|----------|------------|
| Vandal Covers | BYT11005 | \$3,023.00 |
| After Serial # 10769 | | |

Powertrain & Cooling

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|---|----------|------------|
| Automatic Reversing Cooling Fan | AT453858 | \$2,030.00 |
| Features selectable intervals and manual override. For use in environments with airborne debris. Installation time 2 hours. | | |

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 | | |
| Auxiliary Counterweight, 2250 lbs. | BYT11003 | \$6,569.00 |
| Front Window Guard, Polycarbonate | ETN210311 | \$2,570.00 |
| Guard, Slant Top Rub Rails | AT401260 | \$1,946.00 |
| Rear Work Lights Package | AT430784 | \$1,271.00 |